

PIPELINE REPLACEMENTS AT I-5 AND OSO CREEK CROSSINGS



Installation of 30-inch DIP Fittings



Placement of Thrust Blocks for New Pipelines



Installation of New 20-inch x 12-inch Potable Water Connection

PROJECT LOCATION:

Mission Viejo

PROJECT SCOPE:

This project will replace existing potable and recycled pipelines that cross under the I-5 freeway south of Oso Parkway by installing a new 72-inch casing below the freeway via microtunneling. New 20-inch potable water and 30-inch recycled water carrier pipelines, each within secondary casings, will be contained within the 72-inch steel casing. Connections will be made to existing potable and recycled pipelines on each side of the freeway using conventional pipeline installation methods.

Construction documents for the Pipeline Replacements at I-5 and Oso Creek project were prepared by GHD, Inc. Dudek is providing Construction Management and Inspection services, as well as CEQA compliance monitoring, for the project.

PROJECT DETAILS:

- Contract Award - 04/11/2019
- Construction Amount - \$7,212,683
- Percentage Constructed - 70%
- Estimated Completion - August 2020

NOTES:

All microtunneling work on the project, including crossing I-5 and Oso Creek, has been completed. The open space around the new system piping within the tunnels has been backfilled. The jacking and receiving shafts are currently being backfilled. New system piping is currently being installed in preparation for connecting the new piping within the tunnels to the existing system on either side of I-5. Tie-in of the new piping to the existing system is planned for June 2020. Once the tie-in work is completed, site restoration activities within the District's Camino Capistrano Yard and Mission Viejo Country Club will commence.