



PIPELINE IMPROVEMENTS

SECOND LOWER FEEDER RELINING – REACH 2 City of Carson



(PCCP) and have been relined with steel, but approximately 20 miles remain to be relined. The PCCP segments need to be relined with steel to ensure that the entire pipeline will be reliable long into the future. The construction will be done in phases over a period of 8 to years. The estimated cost for this project is \$575 million to \$625 million.

Fact Sheet 10

The first two construction phases, completed in 2018 and 2019, relined nearly 6.3 miles of PCCP in the cities of Lakewood and Long Beach. Under the third phase, called Reach 2, about 4.5 miles of PCCP will be relined in the cities of Carson, Los Angeles, and Los Angeles County. In the city of Carson, approximately 3.25 miles of PCCP will be relined with steel pipe.

MWD Overview

The Metropolitan Water District of Southern California is a state-established cooperative of 26 member agencies – cities and public water agencies – that serve nearly 19 million people in six counties. Metropolitan imports water from the Colorado River and Northern California to supplement local supplies and helps its members develop increased water conservation, recycling, storage and other resource-management programs.

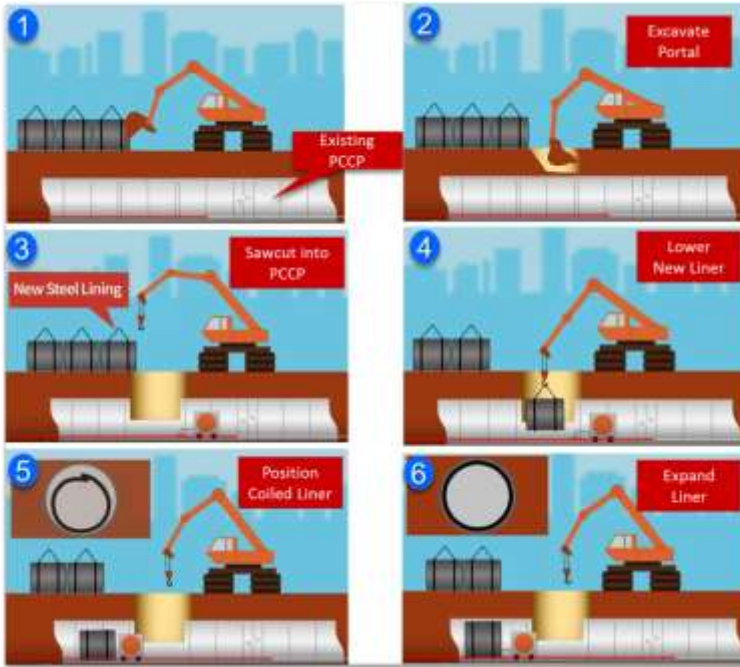


How we reline a pipe

By opening the pipe in key locations called “portals,” we minimize the impacts to the local community. After excavating, we cut into the existing 78-inch diameter pipe. The new steel-lining pipe segments are delivered to the site, lowered into the pipe, and then pushed hundreds of feet down the pipeline. Once in place, the new steel segments are uncoiled so they expand to fit the existing concrete pipeline. The steel segments are then welded together, creating a steel-lined pipeline.

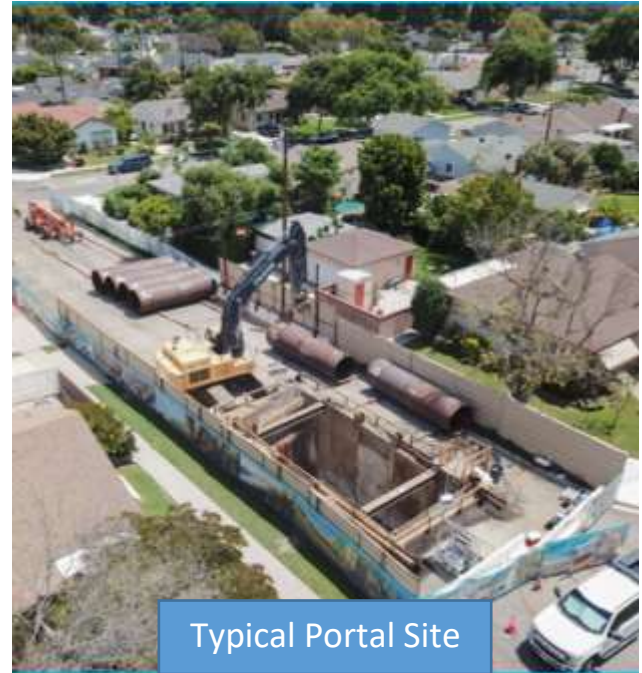
Project

The Second Lower Feeder is one of the major pipelines in the system. Constructed in 1967, it delivers treated water from the Robert B. Diemer Water Treatment Plant in Yorba Linda to the Palos Verdes Reservoir in Rolling Hills Estates. Portions of the 39 mile pipeline are prestressed concrete cylinder pipe



We are working closely with our member agencies to prepare for taking portions of this key pipeline out of service during construction. The water supply to homes and business will not be affected.

We encourage the community to continue to support local businesses that are temporarily impacted by construction. As an example of an outreach tool utilized are the banners we install to inform passersby that businesses are open during construction.



Typical Portal Site

Being a Good Neighbor

Metropolitan is committed to working with local communities as we move through this project. We communicate prior to and during work, utilizing a number of outreach tools, so residents and businesses can plan accordingly.

Map

Map showing four portal locations in the city of Carson.



Schedule

Schedule for the work in the city of Carson.

