



Project Spotlights: Second Lower Feeder

OWNER

The Metropolitan Water District (MWD)
of Southern California

CONTRACTOR

J.F. Shea Construction

CATEGORY

Annular Grouting



ABOUT THE PROJECT

The Second Lower Feeder, constructed in 1967 using prestressed cylinder pipes (PCCP), is an essential pipeline in the transmission of water from the treatment plant in Yorba Linda to the Palos Verdes Reservoir in Rolling Hills. In reach 4, Cell-Crete provided grout for the relined section of the pipe in order to ensure reliable water deliveries for this phase of roughly 2 miles of 78" (E) PCCP. A 75" steel liner with 1000 PSI cellular concrete material was also provided to grout the annular space between the host and carrier pipe from inside the pipeline through 2" grout ports. At the end of the year, the next reach commenced, which included adding 5.5 miles of similar grouting and reline operations.