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MICROTUNNELING AND HDD THROUGH ALLUVIUM IN CHULA VISTA

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ABSTRACT: In the last 4 years two projects were completed in the Otay River Valley. Both projects involved construction in the Quaternary alluvial deposits. The first project was a microtunneling project for a gravity sewer passing under Interstate 5 and the second project was a HDD project for reclaimed water passing under the Otay River. These two projects are located on the south side of Chula Vista and are approximately 3 miles apart. This deposit is challenging due to its composition and variability. This paper will address design and construction issues for both crossings.