

MAXCELL® CASE STUDY

The MaxCell® and MaxSpace® team was at a job site along a heavily traveled highway in California to assist a contractor during a recent cable installation project. Using the MaxSpace no-dig space recovery solution, the teams removed and replaced existing smooth wall and corrugated HDPE.

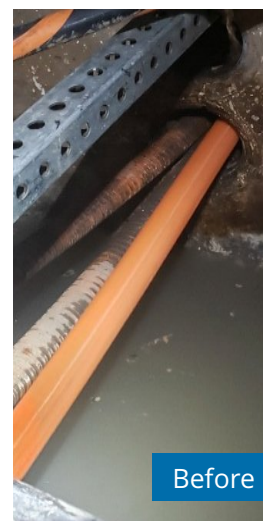
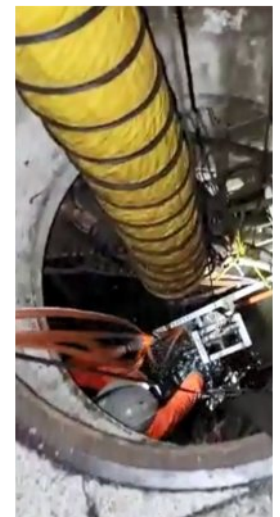
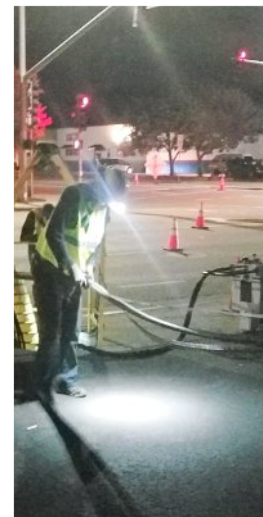
First, the contractor pumped water out of the vault, so they could get set up and prepped. The MaxSpace machine is compact and will fit in tight vault spaces. The conduit space recovery machine uses a split metal sleeve to protect the active cable, slicing the innerduct into quarters. The sliced innerduct is then fed into a chipping machine and compressed into disposal bags, making for easy disposal and recycling of the rigid innerduct. The entire process was fast and done in a fraction of the time of trenching or boring.

A total of 1300' of HDPE conduit (in two sections of 800' and 500') was removed in 1½ hours. Before MaxSpace, the only way to remove rigid innerduct was time consuming, expensive, added engineering and permitting costs, added EPA reviews and caused disruption to service and/or traffic.

The MaxSpace solution met the customers' goal for no digging, no interruption of existing service, no interruption of traffic and no restoration costs. Additionally, by using the MaxCell flexible fabric innerduct, they were able to add nine additional pathways immediately.

In the future, 864' of fiber will be placed in the newly expanded innerduct and the MaxCell team will be on hand to help guide them with that installation. In most cases, MaxCell's flexible fabric innerduct can be placed at the same time as the HDPE conduit is removed.

Increase space, increase capacity with MaxSpace and MaxCell.



Before

After