OVERHEAD TO UNDERGROUND, AND MICRO TRENCHING

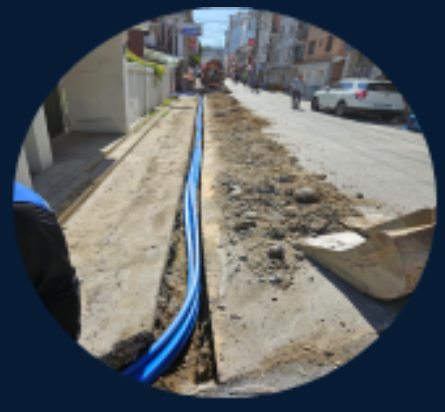
Seoul,South Korea

Microtrenching

Seoul, the bustling capital of South Korea and one of the busiest cities globally, has become a testing ground for micro trenching in the country —a technique that promises to deliver numerous benefits.

SEOUL'S MICRO TRENCHING PILOT PROJECT: A NEW ERA FOR UNDERGROUND FIBER DEPLOYMENT

Microduct



Placing Microduct

Microduct On Curve

Cable Installed

Korea, a global leader in fiber adoption, is actively transitioning from overhead fiber installations to underground networks for enhanced safety and aesthetics.
Seoul, one of the world's busiest cities, has become a testing ground for micro trenching—a technique that offers significant benefits.
Despite the city's heavy traffic, dense crowds, and busy streets, the trial micro trenching installations have caused minimal disruptions. This initiative is a collaborative effort between the Ministry of Science and ICT, Gwanak-gu County Office, the Institute of Civil Engineering and Building Technology, and the Korea Telecommunications Operators Association.
Together, they are spearheading a mini-trenching pilot project designed to efficiently bury telecommunication cables.
Knet's advanced Microduct solutions played a pivotal role in the project's success, paving the way for broader adoption in other locations.