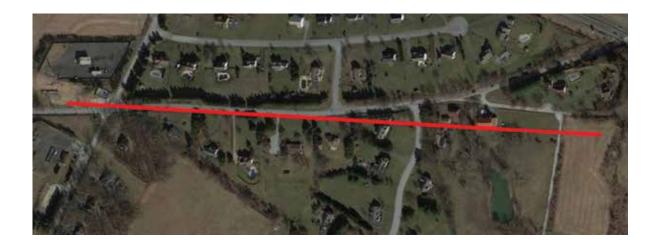


ParaTrack Gyro Module Case Study

Downingtown ROW Cross





Gyro Module

Downingtown, PA, USA

Distance: 805.08m (2,641.36')

Pipeline: 508 mm (20")

Technique used: Ranging-Intersect

This bore had been attempted by two previous steering contractors without success. No surface wire was allowed on the right of way (as the ROW was mostly people's backyard), so the intersect (2,641.35 ft) was completed using 2 x ParaTrack Gyro Modules, without any secondary tracking. Once the two bores overlapped, Passive Magnetic Ranging was done, and drilling continued to bring the two pilots together.