MICROTUNNELLING AT A467 ROAD CROSSING, RISCA, NEWPORT, SOUTH WALES

Client: Thames Water Utilities

Summary: Upsizing of sewerage network to reduce flooding.

PROJECT DETAILS

MICROTUNNELLING

The Main Road area of Sidcup, London suffered from periodic flooding due to the size of the existing sewers, Thames Water Utilities Ltd commissioned a scheme that involved upsizing of the sewerage network to alleviate this problem.

The Main Contractor, Dean and Dyball undertook the opencut works and appointed A E Yates Trenchless Solutions Ltd to undertake the following specialist works:

- 2No sheeted drive pits for backacter and guided auger.
- 1No 4.0m ID x 6m deep caisson reception pit.
- 2No 300mm id guided auger crossings - 58m + 10m.
- 2No curved 1800mm id pipe jacked backactor drives - 100m each from a central drive pit.

GROUND CONDITIONS

- Predominantly firm clay with occasional silt and sand lenses.

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