

# CASE STUDY

## New bypass on challenging ground



**Location:** Brough, Hull

**Contract Value:** £ 4.8m

**Contract period:** 3 years in stages

Planning and co-ordination under difficult conditions were keynotes of our contribution to this important project. The scheme involved the construction of a new carriageway to bypass the village, new roads and sewers including storm water retention tanks and balancing pools, and the construction of a sewage treatment plant.

On a brownfield site we constructed sewers up to 8 m. deep in 'running' sand ground conditions which demanded extensive dewatering techniques. The new sewage treatment plant was designed and built by our team.

The project required us to work around BT fibre optic cables classified as of major national importance in order to advance the village bypass and assist early construction on-site. Originally BT required a 20 week



lead-in to complete their operations before we could begin, but in co-operation with BT, we programmed our own works around and alongside them to avoid any delay.

The whole operation required extensive planning and co-ordination to facilitate what was a sensitive project. Part of our remit included attending local residents' liaison meetings to advise them of the programming and sequencing of works and to deal with the community's concerns and problems.

**C.R. Reynolds**  
**(CONSTRUCTION) LTD**

Gibson Lane, Melton, North Ferriby, East Yorkshire, HU14 3HH, England

Tel: 01482 637373 Fax: 01482 637370

Email: [info@crreynolds.co.uk](mailto:info@crreynolds.co.uk)

Web: [www.crreynolds.co.uk](http://www.crreynolds.co.uk)