



Client: Network Rail  
Main Contractor: Siemens  
Dates: April 2008 – January 2009



**Background:**

The Colchester to Clacton Infrastructure Renewal Scheme covered a section of the London to Norwich (LTN) mainline between Marks Tey and Ardleigh, the Clacton Branch Line and the Walton-on-Naze spur. To support the renewed Signalling Installations, the project scope included a full renewal of the existing Telecom Infrastructure.

Network Rail contracted Siemens for the implementation of the Telecoms renewal. Siemens in turn awarded the work to Kelly I.T.S. following competitive tender.

**Scope of work:**

The project required Kelly I.T.S. to provide turnkey telecoms services to Siemens for the renewal; this project was completed to programme and budget. The services provided were as follows:

- Possession planning and co-ordination
- Route works and troughing installation
- Fibre and copper joint bay installation
- Location case installation
- Retaining wall construction
- Temporary Equipment Housing(TEH) installation
- Re-locatable Equipment Building(REB) enabling works, craning into position and installation
- Supply and co-ordination of Road Rail Vehicles for delivery of materials and installation works
- Fibre optic, copper, tail and aluminium screening cable installation
- DISAC cable, ground anchor and visibility tag installation
- Joining, testing and termination of fibre optic, copper, tail and aluminium screening cables
- Spur cable installation, joint, test and termination for REB locations
- SSI telecom cable link installation, joint, test and termination
- Signal post, point zone, anti vandal and level crossing telephone installation
- ODF / Rack building in REB

**Key Success factors and Innovations:**

We built up excellent working relationships with our client and the client's client during this contract. We demonstrated to our client cost and time saving initiative by using RRV's efficiently and effectively to install cables and deliver materials.

We delivered the contract on time and within budget.

We had an excellent Health & Safety record on this contract.

Our scope of work increased considerably during the course of the contract due to other contractors underperforming.

We were also tasked to relocate some CIS equipment for Network Rail at very short notice which was completed to everybody's satisfaction.

