



Greater Anglia (GATL) Platform Extensions

PROJECT DESCRIPTION

As part of the East Anglia franchise, Abellio Greater Anglia (GA) Ltd are committed to deliver a complete renewal of the passenger rail stock. Two new fleets totalling 1,043 carriages (169 trains) are targeted to be introduced to the franchise whilst phasing out the old rolling stock.

GA are introducing the new trains into operational use in line with the Access for All (Afa) Programme (Trains) legislation regarding Persons with Reduced Mobility (PRM) and Technical Specification for Interoperability (TSI) Standard. GA's New East Anglia Trains (NEAT) Programme represents the largest fleet introduction programme in the UK franchise history. The Aventura fleet are being built by Bombardier in Derby (665 carriages / 111 trains) and the Stadler Flirt fleet are being built by Stadler in Switzerland (378 carriages / 58 trains).

Every single carriage/train currently running on the Greater Anglia network today will be replaced with brand new carriages/trains. Through a competitive tender process Keltbray were successfully awarded all the platform extension upgrade works at St Margarets, Hertford and Ware Stations.

As Keltbray's collaborative partner, RT Infrastructure Solutions were selected to deliver all the associated signalling and telecoms works associated with the 3 stations, with responsibility of managing the complete construction through to test and commissioning phases. All the signalling and telecoms works will be undertaken either during planned midweek possessions, or within a single blockade planned in August 2022. 7

Throughout the works RTIS signalling engineers will also provide input into MSRP and IDC meetings with the relevant design teams and provide Signalling CRE support when required

CLIENT

KELTBRAY RAIL

PROJECT VALUE

£1.1MILLION

DURATION

MAY 22 - AUG 22

ACTIVITIES UNDERTAKEN

- Overall Signalling Management of works including CRE requirements
- Attendance at IDC and MRSP meetings
- Cable running works (Multi-core signalling & power) & Cable diversion works
- Installation of new LED signals / Signal Signage / SPT's
- Installation of new In-Bearer Clamplock Point Machines
- Installation of new Track Circuit equipment / ASDO equipment / TPWS / TRTS
- Installation of new Passenger Help Points / PA systems / Point Zone Phones
- Signalling Panel Works
- All associated Prep-Testing of new equipment to NWR Standard NR/L2/SIG/30014
- Testing management including production of all Testing Documentation
- Test & Commissioning of all signalling works to NWR standard