



Project Title:	East Croydon Platform 1 & 2 island platform
Client:	NR IP South East Region. MFF Contractor: BAM Nuttall
Date of Work:	May 2016

Project Description

The scheme requirement was to overcome PTI issues on both platforms due to a combination of platform curvature, track geometry and rolling stock. The existing platform surface was a combination of brick paving and tarmac.

Certain areas of platform were overlaid full width with Mounbridge adjustable platform system TM (Patent no 2515519) using frp panels. The London end was overlaid with a combination of frp coper and tactile frp panels with the intermediate areas re-surfaced with tarmac including new ACO drainage.

The entire scheme was designed and installed by Hammond using Mounbridge adjustable platform system TM (Patent no 2515519), especially designed to overcome PTI issues.

Extensive works were undertaken to overcome interfaces with existing stairs, ramps, lift shafts and platform buildings as the platform height was increased to 150mm.

Certain external areas of the platform were installed with underfloor heating to minimise risk of frost/slippery surfaces in winter. To platform edge twin blue LED lighting strips were installed.

The frp deck materials, heated panels and LED strips were supplied by Dura Composites.

Project Constraints

- PTI
- Limited possession periods
- Public Interface
- Keeping station operational
- Logistics – Central location
- Pedestrian Management
- Access constraints