

 **London to Corby - Kettering Station Platform Extensions****£6.5m**

/ Project Value

May 2019

/ Project Commenced

October 2020

/ Project Completed

Amey Rail

/Client

Project Introduction

The London to Corby project has installed 25kV OLE (overhead line equipment) on the line from Bedford to Corby. The scheme introduced an additional track to create greater capacity from Bedford to Kettering. For these works, BCM Construction was contract by Amey Rail to extend the platform lengths at Kettering station to serve new 240m trains following the December 2019 timetable change.

BCM Construction was responsible for provision of all labour, plant, materials, equipment, machinery, signed off temporary works design and installation to carry out the extension of 4no. platforms at Kettering Station.

**The Challenges**

The majority of the works at Kettering Station were completed under planned possession access. This resulted in challenges for planning these planned access periods as well as providing skilled and competent resource to deliver the quality work for our client safely and to programme.

The Solutions

BCM Construction fully integrated our team with our client to ensure that planned possession access was planned in line with our works to be completed. BCM used our extensive possession planning experience and our ISO9001 certified processes to ensure that possession tasks were suitably planned. Possession planning was integrated with our highly acclaimed 10 -week lookahead process which allows BCM to forecast expected resource requirements over the future 10 weeks. CrewIT Resourcing, our resourcing partner are engaged with the process to ensure that they have the skilled and competent staff available to complete our works. As the 10 week lookahead is shared throughout BCM Construction we are able to identify early key resource challenges. During the Kettering Platform Extension Works, resource challenges for Week 36 and Week 39 (2019) were simply managed with this process with over 380 resources working on our projects over these weeks, over 55 allocated to Kettering Platform Extensions.

BCM Construction are very proud to say we had no Lost Time Injuries or Safety Incidents on this scheme with multiple Close Calls and Best Practices raised to support development of our processes for future schemes.

The Deliverables:

- Enabling works for all platforms including:
 - Ground radar, trial holes & soil sampling
 - Site clearance of fencing, gates, vegetation, old foundations, platform furniture,
 - Removals of existing platform ramps and walls
 - Preparation of area for platform extension
- Platform Front Wall Front Wall Foundations
- Installation of pre-cast platform units
- Rear Wall Foundations and Blockwork for Platform Extension
- Installation of copers, tactile & oversail blocks
- Platform 2/3 mid-wall installation
- Platform 1 walls around open sections
- Installation of Platform services, drainage, ducting, SPT, AcoDrain and fill
- Install of platform surfacing & OLE foundations
- Platform fencing, shelters & furniture
- Storm Drainage Installation
- Works delivered in line with Grade II Listed Building Consents

“The BCM teams have completed the Kettering platform extensions and renovations as part of the Network Rail Midland Mainline Electrification Scheme to the highest of standards whilst abiding by the time limitations for the projects. This multidisciplinary job saw clear commitment to work with and respect stakeholders particularly AMEY, Network Rail, neighbours and other companies working alongside BCM. This positive and proactive approach taken by BCM is the reason why these works were such a success.”

Commendation from Paul Kerrigan- Project Manager (Amey).

Outputs and Benefits

High Quality: BCM commended on the quality of finished by client including minimal snagging and no defects.

Resources Secured: BCM 10 week lookahead process ensured level of resource was secured for the key delivery date with skilled and competent staff to deliver the works to the quality, safety and time expected on our schemes.

Access Management: BCM Construction are highly experienced in managing access to constrained areas for time and site limitations which on this project we were able to complete the works in line with these limitations.

