

# REGENT'S CANAL ROAD BRIDGE LONDON, UK

**CCL Client:** ABM Precast Solutions Ltd

**Consultant:** Peter Brett Associates LLP

**Project Date:** 2008



The Eastern Goods Yard, Kings Cross Central, at £170 m, is one of central London's most significant development and regeneration ventures.

The project consists of a new campus for the Central Saint Martins college of art and design, along with retail areas, leisure facilities, offices and public spaces.

Main access for the services is provided by a new road bridge across Regent's Canal. The canal is governed by British Waterways, who issue very stringent guidelines concerning construction on or around a controlled stretch of water.

CCL was presented with several problems at an early stage of the project, concerning the design and geometry of the post-tensioning within the post-tensioned precast bridge beams. CCL's advice to the consultant on the use

of its ETAG-approved XM range system enabled them to overcome these issues and progress design.

BAM Nuttall enlisted the services of ABM Precast Solutions Ltd to produce the post-tensioned precast beams. CCL was then commissioned by ABM to supply post-tensioning materials and plant, and to stress and grout 13 precast post-tensioned beams, each circa 26 m long. This was done using the CCL XM30 and XM80 multi-strand bonded systems.

Post-Tensioning - CCL (GB) Ltd.

T: +44 (0)113 270 1221 E: [cclgb@cclint.com](mailto:cclgb@cclint.com) W: [www.cclint.com](http://www.cclint.com)

