

Coping Replacement for Network Rail



Construction Composites

Location	Coronation Rd Bridge Refurbishment - Church Lawford
Description	Coping replacement
Partners	Construction Composites, Network Rail
The challenge	Lightweight coping replacements required for bridge refurbishment following previous use of pre-cast concrete (PCC) copings on overbridge parapets. PCC require lifting equipment, take more time to install, and because of their weight have health and safety concerns.
The solution	A fibre polymer composite version of the PCC copings as a lightweight alternative.
The results	<p>For this project at Coronation Road, Construction Composites were required to manufacture 155 No. 500mm long saddle back coping units in line with Network Rail specification, which were supplied with all the stainless-steel fixings needed for the installation.</p> <p>The manufacturing of the units took eight weeks including the production of tooling and was completed in line with agreed programme. The units were finished to Construction Composites' usual high standard and the client was delighted with the value added to the project using this innovative solution in terms of safety, quality and cost savings compared to PCC copings.</p>
Further details	www.constructioncomposites.com