

# Cherwell track, Steeple Aston, Oxfordshire

## Project case study



### Client

Network Rail

### Contractor

Story Contracting

### Product

FastTrack concrete

### Volume

30 cubic metres

### Overview

Hanson has supplied a high-performing, fast-setting concrete to Story Contracting which enabled a complex project for Network Rail at Steeple Aston in Oxfordshire to finish within a challenging timescale.

### Project description

Hanson has supplied its FastTrack high early-strength concrete to Story Contracting on numerous occasions over the past few years, so when the contractor needed a high-performing concrete with early strength gain, it knew Hanson could produce such a specialist product with a proven track record.

FastTrack concrete can be used in a broad range of applications where speed and efficiency are critical and is widely used in rail renovation.

The project in Steeple Aston involved the refurbishment of three individual structures within 275 metres on the Didcot to Chester railway line, including repairs to a Victorian arched, two-way masonry railway bridge.

The concrete used was required to gain



25N/mm<sup>2</sup> of strength within 24 hours in order to meet the exacting timescales for the project. Hanson's technical team designed a FastTrack mix which far exceeded this, initially hardening in 37 minutes and showing a strength gain of 40.5N/mm<sup>2</sup> in 24 hours.

Jonny Fearon, senior project manager at

Story Contracting, said: "We have used FastTrack on many projects, particularly where time constraints and early trafficking are an issue.

"Hanson is an excellent supply partner offering high quality engineering solutions and high levels of customer and technical service."

### Hanson UK

14 Castle Hill, Maidenhead, Berkshire SL6 4JJ  
T: 01628 774100

W: [www.hanson.co.uk](http://www.hanson.co.uk)  
E: [enquiries@hanson.com](mailto:enquiries@hanson.com)  
T: [@Hanson\\_UK](https://twitter.com/Hanson_UK)