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## Crossrail Construction Market – UK 2010-2018

New AMA report reviews construction programme for the largest railway project in Europe since the Channel Tunnel

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A brief summary of the report is included on the following page.

Priced at £665, the report is currently available from AMA Research Ltd.  
Telephone 01242 235724 or e-mail at [sales@amaresearch.co.uk](mailto:sales@amaresearch.co.uk).

### **Editors Note:**

Attached is a summary of the report. Please use brief extracts if you wish, **but we would request that references to company market shares are not published without our prior permission.**

If you would like to receive an editorial review copy or would like to speak to an author of this report, please contact Keith Taylor or Chris Moore on (01242) 235724.

Please include our web address and telephone number on any review printed; it would also be appreciated if a copy of the review could be forwarded to AMA Research. Thank you.

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## Crossrail Construction Market UK 2010-2018

The Crossrail programme is the largest railways project undertaken in Europe since the completion of the Channel Tunnel. It is the largest of several major railways schemes around south east England (the others being Thameslink, Docklands Light Rail and the upgrading of the London Underground), being developed as a long-term solution to London's growing population and the chronic levels of congestion on both the current road and rail networks in the region. At 118 km long, it will run from Maidenhead and Heathrow through 21.5 km of new twin-bore tunnels under central London, via Canary Wharf and terminating at Abbey Wood in north Kent and Shenfield in Essex.

The infrastructure has been designed to initially accommodate 10-carriage trains with provision for longer trains in the future. Crossrail will provide new transport links with the Tube, Thameslink, National Rail, DLR and London Overground. It is anticipated that over 200 million passengers will use Crossrail in the first year of operation.

Central to the programme is the construction of nine new stations built underground - between Paddington, Docklands and Woolwich - some 43 km of 6m diameter tunnels, four portals and 6 large diameter intermediate shafts. Outside the Greater London area, Network Rail will deliver a significant upgrading of the Great Western, Great Eastern and North Kent lines. Key to this will be 11 major station re-development projects, overhead electrification of the line between Maidenhead and Portobello Junction, re-construction of a dozen bridges, construction of depots and sidings, extensions of platforms at some 28 stations and substantial trackwork.

With fears that the Coalition government's Comprehensive Spending Review would result in a substantial downgrading of the original £15.9bn budget, the programme - now valued at around £14.5bn - which has been well underway over the last two years, will enter the main phase of development in 2011 when the Crossrail stations main works and the central tunnel drives will commence.

It has been estimated Crossrail will deliver a significant economic benefit of at least £20bn to the UK economy following the start of services from 2018. A recent economic study for Crossrail by Colin Buchanan consultants found that all London boroughs will benefit economically.

Over the next 6 years, Crossrail will provide some welcome respite to many firms in the construction sector, with an estimated 87,000 man-years needed to deliver the programme. At the peak of activity between 2012 and 2014, it has been estimated that between 14,000 and 15,000 people will be on-site. Key areas of demand will be for civil engineering operatives - with around 3,500 to be employed on the central tunnels works alone - plant operatives, general labourers and site managers.

With sustainable development a key feature of the programme, a major issue will be managing the anticipated 8 million m<sup>3</sup> of waste arisings, mostly from the tunnel excavation works and building demolitions at the sites of the 9 Crossrail stations.

AMA Research's report "**Crossrail Construction Market - UK 2010-2018**" is available in hard copy or electronic format for £665 and can be ordered online at [www.amaresearch.co.uk](http://www.amaresearch.co.uk) or by calling 0871 3103450.