

# A40 Westway – London: Finger Joint Manufacture and Installation

EKSPAN manufactured 208 no finger joints, which replicated the existing finger joints, on a like for like basis to suit interchangeability during installation. Badly eroded joints requiring immediate attention were temporarily repaired using welding plates.

A40 Westway, a 3.5 mile long elevated dual carriageway section of the A40 trunk road in West London, running from Paddington to North Kensington, was constructed to relieve congestion of Shepherds Bush caused by traffic from Western Avenue struggling to enter central London.

## JOB BRIEF

- Supplied: Manufacture and installation of 208 no finger joints.
- Project Team
- Client: Transport for London
- Main Contractor: AMEY
- Start Date: October 2011
- Completion Date: March 2013



## PROJECT CHALLENGES

AMEY's report findings on the A40 Westway revealed failure of the existing 40 year old finger joints as a result of corrosion and fatigue caused by excessive horizontal and vertical stress loads.

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Joint manufacture commenced October 2011 and installation in January 2012 carried out in work phases to suit London's traffic flow and also to accommodate the 2012 Olympic priority games lanes.

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