

Various Civil Engineering Projects - Railways

As well as undertaking all elements of confined space works and underground working, MDA are specialists in working in close proximity to the Railway. Not only in installing culverts underneath railways using box jack or open cut methods, but also proving managerial and operational resource to complete any works over the railway such as bridge beam installation or any other associated bridge works. Some examples of the work MDA have been involved in are shown below.



The photographs above and right show works to a new reinforced concrete bridge abutment within 4m of a railway. This scheme involved working at night with the use of large cranes, concrete pumps, complex formwork and safety critical time management. These works were a great success with no track delays and all works carried out safely.



The two photographs below show another bridge beam installation that MDA have been involved in. This project involved working over a railway line and in close proximity to a busy dual carriageway. These braced pairs of steel girders weighed over 30 Tonnes and were lifted into place using a 500T Mobile Crane. Again these works were completed ahead of schedule and without accident or incident.

Another bridge beam installation close to the railway using a 350T Mobile Crane to place the 19No 22T Prestressed Concrete Beams.

