



CASE STUDY Borough Viaduct

CLIENT
Network Rail

SERVICES
Rail

The requirement

Plowman Craven was commissioned directly by Network Rail to undertake extensive survey works in relation to the construction of the new viaduct running from London Bridge Station to meet with the existing viaduct at the rear of the Hop Exchange.

The solution

Plowman Craven installed a permanent maintained survey control network stretching from Station Approach-Redcross Way and London Bridge St-Winchester Square.

We also provided a 2D base plan of the full extent of the site which included: Borough Market, Jubilee Market, Southwark St, Borough High St, Bedale St, Stoney St, London Bridge St, Green Dragon Court, Park St, the JLE worksite and the rear of the Hop Exchange.

Detailed measured building surveys of over 40 properties ranging from retail to residential and office were also supplied, along with full 1:50 internal and external roof plans and laser scan data for Borough Market and Railway Approach.

Full 3D models of all the vaults beneath Railway Approach including LUL vaults access via Three Castles House were also supplied.

Conclusion

Borough Market was a complicated and multi faceted project, completed in line with the clients specifications and delivery expectations.

The works posed demanding restraints on access, checking and combining existing and new survey data.



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