

### SURVEY OPERATION



Plowman Craven were 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.

#### Survey Scope:

- Installing a permanent maintained survey control network stretching from Station Approach- Redcross Way & London Bridge St- Winchester Square.
- 2D base plan of the full extents of the site including: Borough Market, Jubilee Market, Southwark St, Borough High St, Bedale St, Stoney St, London bridge St, Green dragon Court, Park St, the JLE worksite & the rear of the Hop Exchange.
- Detailed measured building surveys of over 40 properties ranging from retail to residential and office.
- Full 1:50 internal & external roof plan of Borough Market
- Laser scan data for vast areas of the site in particular Borough Market & Railway Approach
- Full 3D model of vaults beneath Railway Approach including LUL vaults accessed via Three Castles house

### SURVEY CONCLUSION

Borough Market was a complicated and multi faceted project, completed in line with clients specifications and within delivery expectations. The works posed demanding restraints on access, checking and combining existing and new survey data.

### PROJECT

## Borough Viaduct

### CLIENT

## Network Rail

### SERVICE

## Rail

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