



FJD CONSULTING STRUCTURAL ENGINEERING



Founded in
2012

LOCATION

Birmingham
& Bristol



DESIGN & CONSULTANCY EXPERTISE

rooted in the
UK Heavy Rail
sector



FJD Consulting provides the full range of engineering design and management services of structural railway assets and buildings. Drawing on the team's technical expertise and an ethos to develop the right design solution for each scheme, the team has a track record of delivering high quality designs on programme, keeping client requirements, as well as cost, durability and environmental considerations at the forefront of every project they are involved in.

STRUCTURAL DESIGN SERVICES

1. Bridge initial surveys
2. Bridge design solutions - strengthening / repairs / enhancements / reconstructions (includes collision protection)
3. Bridge assessments
4. Carbon calculations for structures
5. Bespoke / complex temporary works structural design
6. Culvert replacements and linings



7. Station developments and modifications - Condition surveys, defect repairs of buildings, retaining walls design
8. OLE and signalling structures assessments
9. Platform alterations
10. FRP / GRP R&D design
11. Feasibility studies



PROJECT HIGHLIGHTS

- LEC 1174 Grand Union Canal Bridge Strengthening Scheme
- Meridian Water Stainless Steel Platform Design
- Manchester Picadilly Station Canopy Modification for Electrification design
- RBS2/12 Thomas Wharf Canal Bridge Strengthening Scheme
- SPC 7/8 River Derwent Strengthening Scheme
- DPB3/99 Bourne Brooke Scour Protection
- DPB1/03 River Blythe Scour Protection

Multidisciplinary projects

- KJW/97a Whitacre Footbridge - modular bridge replacement solution
- OWW/104 Severn Valley Footbridge Replacement
- NAI2/33 Gerard's Cross Footbridge
- CNN/38 Holyhead Road Underbridge Replacement
- DCL/56 Old River Cherwell Underbridge Replacements
- Bristol East Gantry
- Amey CVL Parapet Extensions

GET IN TOUCH

For structural design service inquiries please contact:

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