"Working at the present to prepare for the future"
RISQS Accredited Consultancy.

Complete consulting services for rail infrastructure assets and depots.

Over 25 years’ experience coordinating and designing major development infrastructure projects, with rail served elements.

Multi-disciplinary expertise from land surveyors, rail and civil engineers, geotechnical engineers, bridge engineers, and IT & software specialists.

Active collaborator and research partner with universities, Rail Alliance and UK Tram to drive innovation in the rail sector.

BIM Level 2 Accredited
A FULLY INTEGRATED SERVICE THROUGHOUT THE ENTIRE VALUE CHAIN

Future growth and prosperity in developed economies is widely acknowledged to be dependent on having a strong railway infrastructure allowing Smart Cities to develop and creating beacons of regeneration, investment and innovation.

BWB Rail will play its part in unlocking this capacity and growth being equipped to creating low whole-life cost and energy efficient solutions and utilising the latest technology to manage big data while designing reliable, smart and sustainable infrastructure.

OUR RAIL SOLUTIONS

BWB Rail has the skill and experience to work across a broad spectrum of project types, from specialist commissions on single project elements, to complete mobility solutions, spanning project stages and sectors.

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BWB Rail and CAFTE are able to combine rail systems and civil engineering expertise to provide integrated solutions to add value at all stages of the asset lifecycle.

Using the latest digital design technology, we provide building, civils, electrification, signalling, telecommunications and permanent way services throughout GRIP Stages 1 to 8.

Planning
- Multi-Modal Pedestrian & Transport Modelling
- Capacity Analysis & Optimisation of Existing Assets
- Gauging Surveys & Studies
- Project Feasibility (Outline Design, Budget, Programme)

Design
- Complete Design Service
- Drainage, Environmental & Geotechnical
- Rail Track, Electrification
- Signalling (UK Legacy & ERTMS)
- Rail Structures & Depots
- Rail Systems & Sub-Systems (Onboard & Infrastructure)
- Light Rail, Metro, Commuter, High Speed, Freight, eBUS
- Energy Collection, eBus Charging & Catenary Free
- Digital Solutions, BIM, Visualisation

Construction
- Procurement Strategy
- Contract Management, Project Management
- Construction Management
- Supervision, Inspection & Validation

Operation & Maintenance
- Handover & Commissioning
- Safety Integration, SMS, Risk Management, RAMS
- Infrastructure and Systems Renewals & Upgrades
CAF GROUP
COLLABORATIONS
Comprehensive Rail Solutions

BWB Rail and the CAFTE Group can draw upon the vast scale, reach and capabilities of the CAF Group to finance, design, construct, supply, operate and maintain connected mobility solutions across the globe.

Rolling Stock
Wheelsets
Traction & Comms Systems
Signalling

Full Procurement & Supply Management
Internal Equipment Design & Production
Strategic Purchasing

Concessions Financing Solutions

Complete eBus Solutions
Vehicle Supply
After Sales
GET IN TOUCH
to find out how we can add value to your project.

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T:   0113 233 8000

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