

AG
ASPIN[®] GROUP

RAIL



SOLUTION PROVIDERS

**At the forefront of innovation and
technology in the rail environment**

www.aspingroup.com

AG ASPIN® GROUP

Aspin are solution providers, experts delivering quality and competitive substructures and superstructures within the Railway environment.



INNOVATION | DEDICATED TEAMS | VALUE

Aspin are uniquely placed to provide a complete service to our clients.



Aspin Foundations

Aspin deliver substructures and superstructures. Aspin Foundations are leaders in innovation, providing pioneering fit for purpose products. Solutions are based on the individual requirements of each unique site.

Aspin innovative techniques and traditional solutions, where appropriate, all offer significant benefits ensuring cost and time saving for our clients. Aspin provide high quality products all delivered upholding stringent safety standards.



Aspin Consulting

From advisory and design to compliance and delivery, Aspin Consulting provide tailor made solutions to meet our clients' exacting needs.

Aspin deliver the best solutions for complex briefs using traditional, or technically more pioneering, solutions.



Aspin Plant

Aspin Plant supplies specialist Road Rail Vehicles to the Rail Industry. Our equipment combinations enable innovative delivery.

Located strategically across the UK with seven day a week services, Plant delivers effectively.



Aspin provides solutions for Overhead Line Electrification (OLE), Re-signalling and Civil Engineering Rail Projects.



RAIL | SUBSTRUCTURES | DESIGN | TECHNOLOGY | INSTALLATION

Rail

Aspin are able to work directly with Network Rail through our Principal Contractors and Plant Operator Licenses. In addition, Aspin holds a wide array of specialist categories within "link up" approval for works in the rail environment.

Substructures

Aspin offers our clients a complete package from initial consultation through site investigation, design, manufacture, delivery, installation and timely handback.

Design

We have dedicated site services teams specialising in geotechnical surveys and ground engineering, enabling consolidation of information for the most effective solution to be specified.

Technology

We are dedicated to being at the forefront of technology. Aspin are committed to delivering solutions and providing excellent service.

Installation

Our Rail teams deliver a range of services to the Rail industry. We have the commitment and ability to deliver our services rapidly in a challenging environment.

Our Rail teams deliver a range of services to the Rail industry.



FOUNDATIONS | GROUND INVESTIGATION

Foundations

We select the appropriate method to deliver the most suitable foundation solution for each client brief.

Our substructure solutions include:

- **Steel Pins:** The Aspin Patented Steel Pin is very well suited to sites where space is at a premium and programming constraints preclude the use of concrete due to curing times. The steel pin is a no vibration and low noise technique
- **Driven Piles:** Aspin have the unique technology and equipment to install driven vibro piles
- **OLEMI:** Aspin have the ability to drive piles and tubes into the most challenging ground conditions
- **Retaining walls:** Delivered using sheet piling, Redi Rock or King Post methods

In addition we are able to provide traditional piling services including bored insitu concrete, precast concrete, screw piles, helical piles and also underpinning services.

The nature of our unique plant and equipment allows foundations to be installed in hard to reach locations including low headroom and restricted access.

Ground Investigation

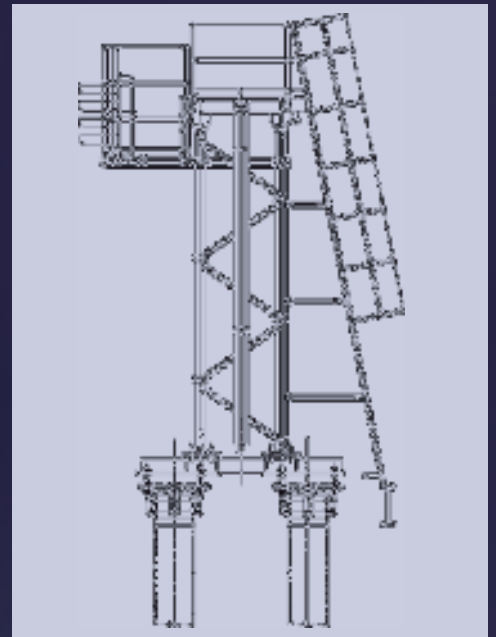
Our site services team offers site investigation and geological analysis, enabling the right solution to be identified in the early stages of the project.

Our services include:

- surveys and site inspections of existing infrastructure
- site inspections of ongoing construction for appraisal purposes, including resident engineers and contracts responsible engineers
- insitu intrusive sampling of materials and laboratory testing including desktop studies and interpretive reports

Ground investigation provides insightful knowledge that can be applied to the project.

Our dedicated teams deliver innovative solutions.



CONSULTING | SUPERSTRUCTURES | PLANT

Consulting

We offer the complete package: from advisory, design and compliance to construction, verification and completion. Consulting delivers a wide range of innovative services to the Rail industry.

We provide cost effective design solutions for projects including complex client briefs for railway trackside substructures and superstructures:

- infrastructure integrity surveys
- site surveys and investigations
- value engineering for Network Rail station assets
- telecommunications platforms and mast structures
- refurbishment schemes
- topographical surveys
- lineside equipment recoveries
- public footbridges
- signal electrification gantries

Aspin have the capability to design, develop and install substructures and superstructures.

Superstructures

Foundation applications for superstructures include signal posts, portal and cantilever gantries, overhead line electrification masts, embankment stabilisation, trackbed stabilisation, location case and REB platforms, footbridges and platform extensions.

Plant

We have the in-house capability to deliver a complete package:

- Our plant division offers a highly efficient service in the supply of operated plant and equipment
- The plant team deliver a complete service for our clients including project management, planning and logistics
- Working with our clients we ensure that the appropriate equipment is supplied for the job. We pride ourselves on our ability to understand the engagement need, supported by our attention to detail
- Our Road Rail Vehicle fleet, including RRV MEWPs, enable Aspin to deliver innovative solutions and fulfill our client requirements

We have the facility to design and build new bespoke attachments for specific applications.

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SAFETY | QUALITY | ASPIN DELIVER

- Safety and quality are embedded into all of our operations
- We have over ten years specialist company experience working across industry
- We are an ISO 9001: 2008 UKAS accredited company through ISOQAR
- Aspin are dedicated to the training and development of all of our employees and are Investors in People (IIP) accredited
- Our management and site operatives are PTS and COSS qualified
- The Aspin installation teams include: safe system of work planners, lift planners, machine controllers and On Track Plant (OTP) operators, all deliver a comprehensive service to our clients
- Our innovative products of choice are environmentally sustainable
- Aspin deliver solutions

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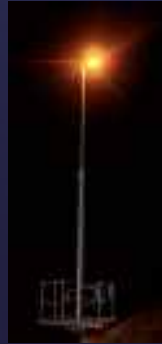
DELIVERY | COMPLETION | SOLUTION PROVIDERS

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