

High Speed 2 Enabling Works Contract

We are laying the foundations for the **largest infrastructure project** in Europe. Project objectives go beyond preparing for main works delivery - the Enabling Works is the **largest environmental and archaeological project in UK history**. We are applying High Speed Rail expertise from Spain and California to ensure HS2 is delivered with respect for the historic and natural environment, leaving a **legacy for future generations**.



HS2



£791m



2016 - 2022



Programme
Management

Working with our Fusion JV partners, we are preparing the route for HS2 Phase One in the longest of three enabling works Lots - the 102km Central section.

The environmentally sensitive nature of the project, set in a rural location, requires us to manage significant stakeholder interfaces, including English Heritage and the Environment Agency. We have been working closely with ecological and environmental specialists to minimise our impacts and support HS2 in meeting challenging environmental requirements. For example, we were the first HS2 contractor to achieve the PAS2080 Carbon Management standard and have implemented several innovations, such as fully biodegradable tree planting guards and bioremediation spill kits.

The archaeological programme requires us to interface with several sites of historic interest such as Stoke Mandeville - St Mary's Church medieval burial ground. We held open days at the site to engage 300 local people in site tours and talks from archaeological experts, generating positive buy-in and reinforcing local heritage.

We have worked with HS2 to support ambitious skills, education and employment objectives – critical to improving public perception for a project under a high degree of scrutiny. For example, we partnered with the National College for High Speed Rail, as one of the first contractors to sign up apprentices and help develop the pioneering apprenticeship scheme.



SCOPE OF WORK

We are supplying contract management services, investigation, surveying, design, construction and maintenance for the following:

- Archaeology research
- Ecology surveys
- Design/mitigation to protect the historic and natural environment
- Utility services diversions
- Demolition
- Drainage
- Structural works
- Instrumentation and monitoring
- Site Access and haul roads
- Highways and Public Rights of Way
- Watercourses activities
- Ground remediation
- Site clearance
- Site compounds
- Boundary fencing and security of possessed land
- Tree planting
- Chiltern Tunnel TBM Power Supply.



INNOVATION

Field Based Planning is a software application that allows us to accurately monitor the status of the activities completed on each field across the enabling works central area. This means that a high volume of complex information that can be managed from multiple databases within ArcGIS, improving efficiency and accuracy of data for our site teams.

2,000

surveys have been carried out

102km

length of works to be completed

#beHighSpeed

bespoke onboarding programme

5

counties the route passes through

34

Ecological mitigation sites to be constructed

UK's largest

Environmental and archaeological project