

Stoke Gifford Train Maintenance Facility

Stoke Gifford is a new train maintenance and servicing facility that was an essential part of the programme to bring the newest bi-mode fleet of trains to the South West. The five-year endeavour on site, electrified in 2018, is part of a once-in-a-generation programme of modernisation of the Great Western Main Line.



The project, involving the design, construction, testing and commissioning of the depot facility, used innovative design solutions to overcome site challenges, delivering on time and to budget. Through the health and safety focused culture there were zero serious injuries; five years RIDDOR free.

The project team worked collaboratively and performed across all organisations - staff development, inclusion and skills development have been a major success from the programme.

CEEQUAL Excellent rated, the fully-electrified depot has encompassed sustainable practices including reduction of local flood-risk through the technically-complex Stoke Brook culvert, and habitat creation through retention of earthworks on site.

Hundreds of thousands of cubic metres of earthworks were required and a culvert for the Stoke Brook up to 25m below the site had to be built before the tracks and train maintenance infrastructure could be constructed.

The Stoke Gifford Train Maintenance Facility has transformed a brownfield former landfill, rail sidings and materials recycling yard into a major employer and economic driver in the local region.

The facility not only brings local skilled jobs and delivers extensive benefits through the fleet it maintains – enabling more seats and faster and greener journeys along the Great Western Mainline, but the project is delivering several local benefits through the construction phase and beyond:

- Working with local parish council to complete a cycleway and install 10 benches in public spaces
- Engagement with local homeless charity, The Julian Trust, donating food and goods with a vow to keep this relationship active for the next 27 years
- Working with the Prince's Trust on a 12-week programme for unemployed young people
- Engaging with local schools and colleges, providing work experience and site visit opportunities
- Employing five apprentices to work on the project
- Becoming a CITB National Skills Academy for Construction, providing demand-led training
- Sponsoring a local youth football team and rugby team.

