



Adam Street

Case Study



Background

The Adam Street underbridge is a design and build package of works. Adam Street is a rail underbridge in the centre of Cardiff. The structure is part of the main rail route from Cardiff Central to the Rhymney, Cynon and Merthyr Valleys including Cardiff Bay. It is strategically placed over one of the most sensitive traffic routes into Cardiff City Centre.

Delivery

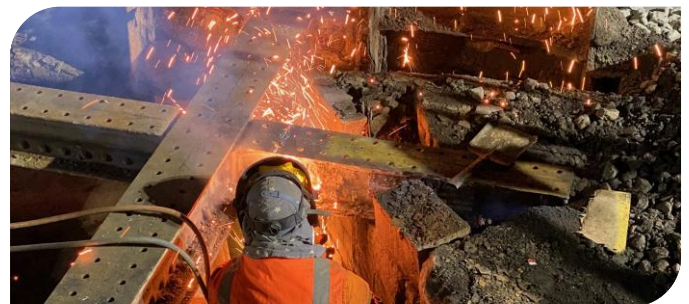
At the time Centregreat Rail became involved with the client on this project, the structure feeding the Cardiff Bay Line was already taken out of commission, due to the condition of the bridge and its structural capacity. Centregreat Rail were tasked with undertaking the project from its current position, to design an acceptable solution to strengthen the structure and quickly progress removal and re-construction within tight timescales, dictated by fast approaching timetable changes.

Outcome

Adam Street under bridge refurbishment demonstrates that working with our sister companies within the group (ERH – Traffic Management, Centregreat Engineering – scaffold and steel fabrication), even for a large-scale project, we have a unique flexibility and ability to react speedily to develop and implement complex solutions in line with our client's needs.

At the outset, Centregreat Rail had to install crash boards tight to the underside of the bridge. To achieve this, we had to programme and arrange the traffic management and rail possessions interface. The relationships built with the Cardiff City Council team and our client ensured that the simultaneous dialogues with both stakeholders facilitated swift implementation of the project works. Throughout design and construction, the company has continued its proactive stakeholder management (Local Authority,

Emergency Services, Environmental Health officers), communicating effectively with all parties to minimise friction and drive buy-in for the scheme.



Client: Amey Infrastructure Wales / Transport for Wales
Value: £3.5M
Delivery Period: Nov 2021 – Jun 2022