

St Erth Multi Modal Hub



St Erth railway station has been transformed into a modern transport hub with vastly increased parking provision and new links created between buses, trains, cars, cyclists and pedestrians. The project had to overcome a variety of issues arising from the historical land uses of the site such as mining works, hydrocarbon and asbestos contaminated soils and Japanese Knotweed infestations.

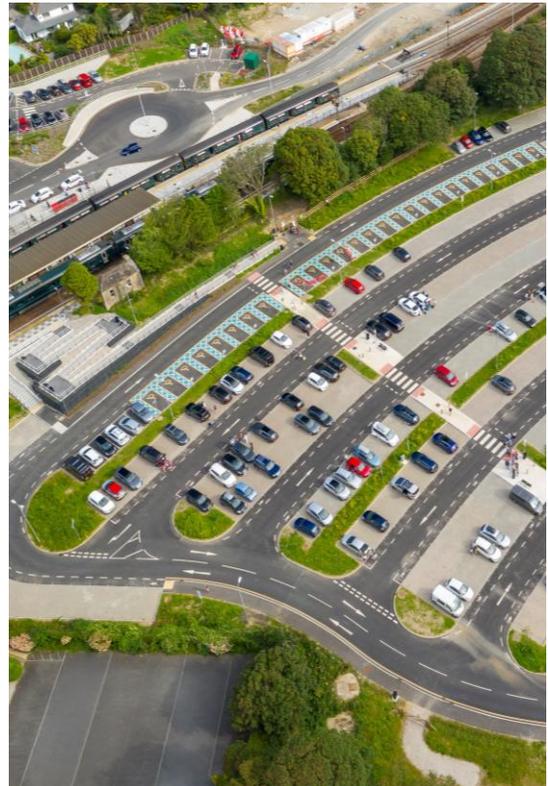
- **Date of completion: June 2019**
- **Cost: £14m**
- **Location: Hayle, Cornwall**

Challenges and solutions

The St Erth Multi Modal Hub project involved the transformation of a Grade II listed railway station into a modern transport facility offering more sustainable transport choices. The hub offers 530 parking spaces and serves mainline and branchline train services as well as buses and coaches that previously stopped on the busy A30 trunk road.

Improvements were also undertaken to the station buildings and platforms and more frequent train services now operate from the station. Access for cyclists, disabled users and pedestrians were a key part of the improvements delivered at the site including ramped accesses to the platforms and a future planned lift bridge over the mainline railway.

Faced with Japanese Knotweed contamination, the project team demonstrated consideration for the environment by being the first company in the UK to use a combined method for its disposal. This allowed them to save approximately 220 round trips to a waste facility.



Benefits and achievements

The completed hub delivers a major benefit to the local community by providing a vital Park and Ride facility to reduce tourist traffic in nearby St Ives, combined with an increased train service to allow for increased visitor numbers which will deliver an economic boost to local businesses.

For St Erth, Hayle and the other surrounding communities, the project has transformed the tired railway station into a modern transport interchange. New or improved links are provided for buses, trains, cyclists, pedestrians and private cars. Signalisation of the junction which serves the station from the adjacent A30 provides improved access and addresses what has historically been an accident blackspot. Disabled parking provision has been created on both sides of the station with improved access.

Since the opening of the hub in June 2019, patronage of the train services has significantly increased. The project was assessed for its sustainability performance under the CEEQUAL scheme with a score of 79.6% being achieved resulting in the project team receiving an 'Excellent' Award. The project achieved a Considerate Constructors Scheme (CCS) score of 46 out of 50, which led to a 'Gold Award'.



Fascinating facts

- ❑ A large concrete attenuation tank with a volume of over 380,000 litres was installed beneath the new road to protect the receiving water body from flood events.
- ❑ A series of historical mining tunnels and shafts were encountered during the works which had to be secured before the project could proceed. One of the tunnels was almost 200m in length.
- ❑ Japanese Knotweed was prevalent on the site with over 4400m³ of affected soils having to be processed for use on site to prevent spreading it to other locations.

People who made it happen:

- Client: Cornwall Council
- Main Contractor: Wills Bros Civil Engineering Ltd
- NEC Project Manager: Ward Williams Associates
- Designer: RPS

More about this project:

cornwall.gov.uk/transport-and-streets/roads-highways-and-pavements/major-highway-schemes/st-erth-multi-modal-hub/