

Scarborough Train Care Facility

# Train care facility signals transformation in Scarborough rail travel

**£3.9m**

/ Project value

**November 2018**

/ The project commenced

**August 2019**

/ The project was completed

In preparation for the introduction of a brand-new fleet of Nova trains to the network, we were appointed by train operator, TransPennine Express (TPE), to design and construct a new train care facility in Scarborough. Once phased into service, the longer Class 68 and MK5a trains will provide 700,000 extra seats per year for those travelling by rail to and from the North Yorkshire town. Procured as part of a Design and Build GRIP 4 to GRIP 8 scheme, the new facility will provide refuelling, tanking, CET, interior carriage cleaning and stabling, welfare and storage facilities. Completed in August 2019, the Scarborough Train Care Facility plays an important role in “transforming” rail travel for customers in the region.

## The Brief

We were appointed as Principal Contractor and Principal Designer as part of a JCT Design & Build Amended Contract, which was awarded in two phases. The first, a Preconstruction Services Agreement (PCSA), involved the completion of the GRIP 4 design with Tony Gee Partners before our Designer, HBPW, completed the GRIP 5 stage. The second phase comprises the construction of the works.



“This major milestone represents an important step towards introducing brand new trains for those travelling to or from Scarborough and is great news for customers in the region.”

Chris Nutton  
Major Projects Director for TransPennine Express

“Our experienced team is committed to working collaboratively with TransPennine Express, Network Rail and the local stakeholders throughout the delivery phase to ensure that the innovative new Nova trains have modern facilities and up to date stabling to operate effectively in the region.”

Leo Martin  
GRAHAM Managing Director – Civil Engineering

### The challenges

Constrictive in nature, the existing site is an operational Network Rail sidings asset, used in part by West Coast Rail. As such, our works programme has been fully integrated with Network Rail’s main line and existing infrastructure. Similarly, we have collaborated with Northern Power in the provision of a substation and the delivery of electrical power to the project.

### The solution

With no existing train care facilities in Scarborough, this £3.9m project will help to significantly enhance the “passenger experience” of TPE’s rail customers across the region. Following the completion of the new station’s design (GRIP 5) over an 18-week period, we began construction works (GRIP 6 to GRIP 8) on 23 November 2018 with a view to handing over in August 2019. Elements of our programme include the construction of fuelling facilities with bundled 80,000 litre tanks and access/egress for vehicular deliveries. New permanent way (Pway) works will also be created to tie into the existing Pway, while a concrete servicing apron, including servicing facilities such as CET, fuelling points, water and power, is a further component of the project. In addition, the scope of works includes a structural steel canopy, complete with drainage and lighting, security fencing and gates and a new office and welfare facility plus car park. A Network Rail access and storage facility, a sub-station to supply electricity to the depot and a shore supply to recharge trains are also part of the brief. Once fully operational, approximately 15 new jobs will be created to help manage the facility and service the trains.

### Outputs & Benefits

- Early Contractor Involvement:** As Principal Designer we were instrumental in developing the scheme from GRIP 4 to GRIP 8
- Collaboration:** We have worked collaboratively with local stakeholders, TPE and Network Rail
- Job Creation:** Approximately 15 new jobs will be created to help manage the facility and service the trains
- Transforming Rail:** The train care facility will facilitate the introduction of the new Nova trains, which will be phased into service and will mean 700,000 extra seats per year for those travelling to and from Scarborough



For more information on how we’re delivering lasting impact:

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