

About Three Bridges...

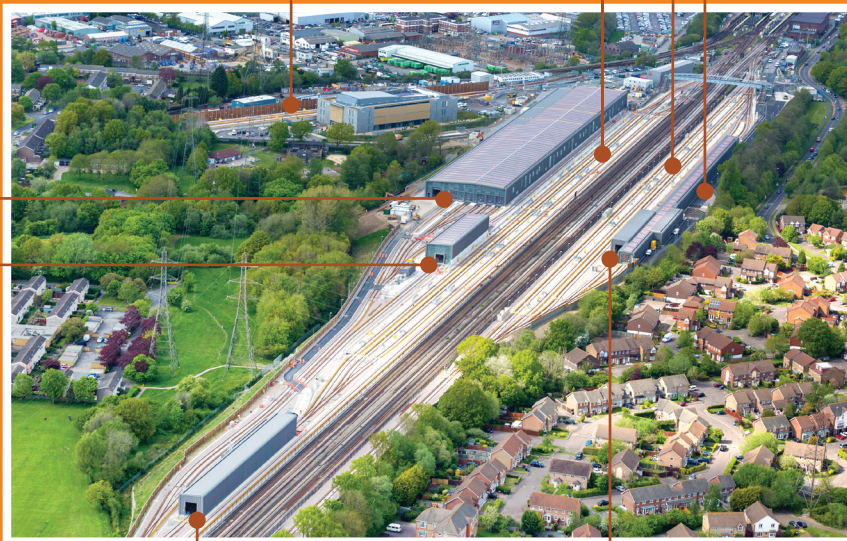
The purpose-built Three Bridges Traincare facility in Crawley, West Sussex, was completed in Summer 2015 and is one of two brand new maintenance depots for the GTR Thameslink route. The depot will be the site of train testing and driver training for the state-of-the-art Class 700 trains before service begins on the Thameslink route in spring 2016.

- There are five roads in the Main Facilities Building (MFB), with an additional 11 stabling roads outside
- There's one tandem head wheel lathe
- The depot has two Bogie Drops in tandem configuration
- There are two Carriage Wash Machines which work down to -3°C
- The MFB is 256m long and 40m wide – equivalent area of two football pitches
- When the depot is fully operational, approximately 150 Siemens and GTR depot staff will be based there
- The depot is powered by a 750 volt DC 3rd rail, and has a 25,000 volt overhead line test track in the MFB
- There are two 12.5 tonne gantry cranes in the storage area and a 20 tonne gantry crane in the wheel lathe area
- All five roads in the MFB have 2.5 tonne overhead cranes to access the top of trains, for example when working on air conditioning units
- The depot has its own battery operated shunter to push trains into the wheel lathe
- End to end, the whole site is 1.4 miles long

5 road maintenance facility with offices, stores and workshop

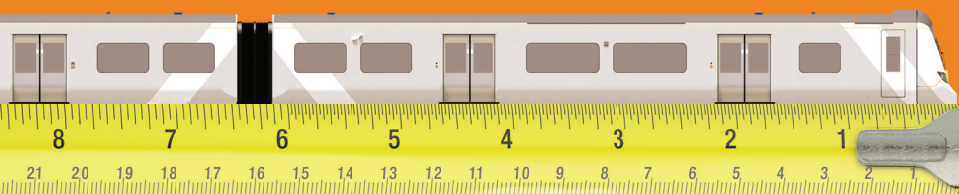
Stabling / Cleaning / CET Roads

Under frame cleaning facility



Wheel lathe

Carriage wash machine



THAMESLINK PROGRAMME

About Three Bridges...

There are 26,000 railway sleepers in the whole depot – if laid end to end they would stretch from **Croydon to Brighton**



180 grass snakes had to be relocated during the build of the depot

The Main Facilities Building has equivalent cubic capacity as **30 Olympic sized swimming pools**



It takes the same time to wash a 12 car train in the specially designed train wash as it does to **hard boil an egg**

Enough concrete was poured on the depot site to fill **150,000 bath tubs**



It took 1.4 million man hours to build the depot. It would take one person **159 years** to complete the same amount of work

The ballast laid at Three Bridges depot is the equivalent weight of **126 adult blue whales** (that's 18,000 tonnes!)



The length of railway track within the depot is the same length as **120 football pitches** laid end to end

For more information visit ThameslinkProgramme.co.uk