



West of England DMU Capability Works



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Overview

With the fastest growing network in Europe, Britain's railway carries twice as many passengers as it did **just two decades ago**.

Further passenger demand is forecasted, resulting in several infrastructure enhancement projects to:

- Increase passenger capacity
- Relieve congestion
- Provide improved passenger facilities
- Improve station safety

Overview

- Introduction of DMUs into the Thames Valley Area (TVA) following OLE completion, allows the cascade of Class 165/166 DMUs into the South West. This will help accommodate the forecasted growth of passenger usage on the network.
- The objective of the ‘West of England DMU Capability Works’ project is to complete platform extensions at **10x stations** in the South West. Introducing circa. 450m of new platform, allowing longer trains to stop at stations.

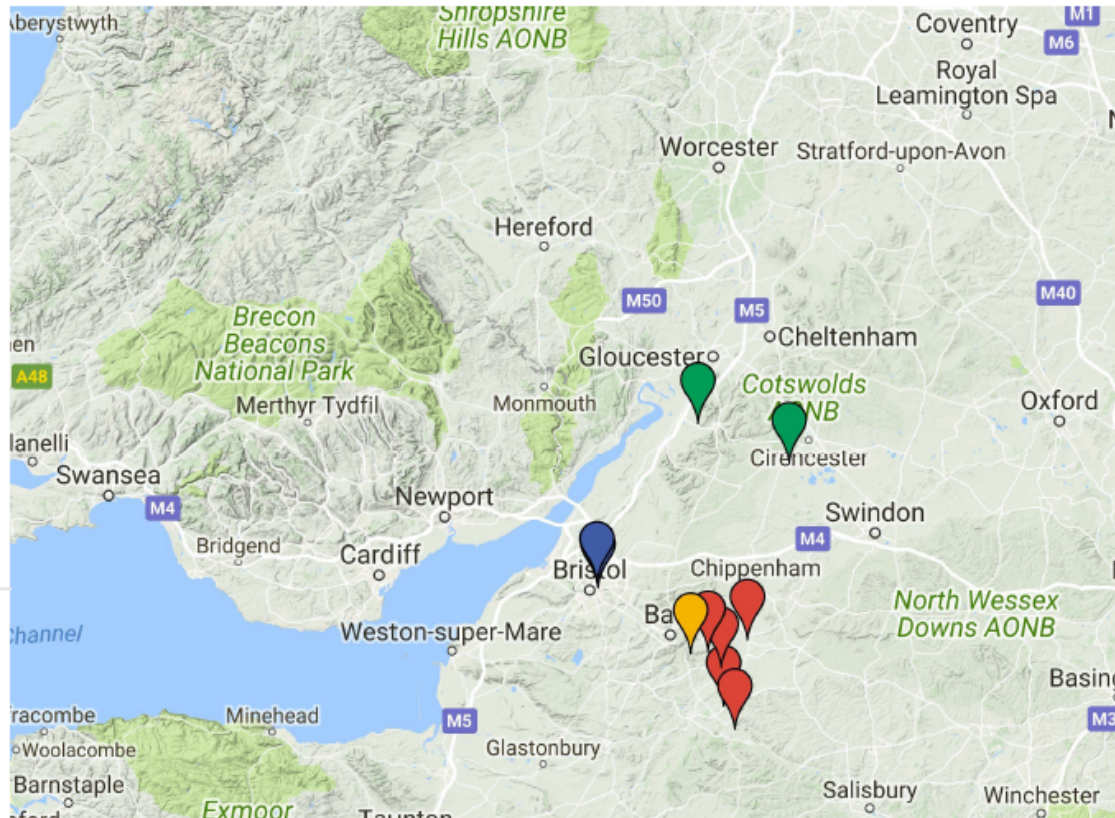
Locations

West of England DMU Capability Works

DMU Stations

-  Dilton Marsh Station
-  Trowbridge Station
-  Melksham Station
-  Warminster Station
-  Bradford-on-Avon Station
-  Kemble Station
-  Stonehouse Station
-  Lawrence Hill Station
-  Stapleton Road Station
-  Freshford Station

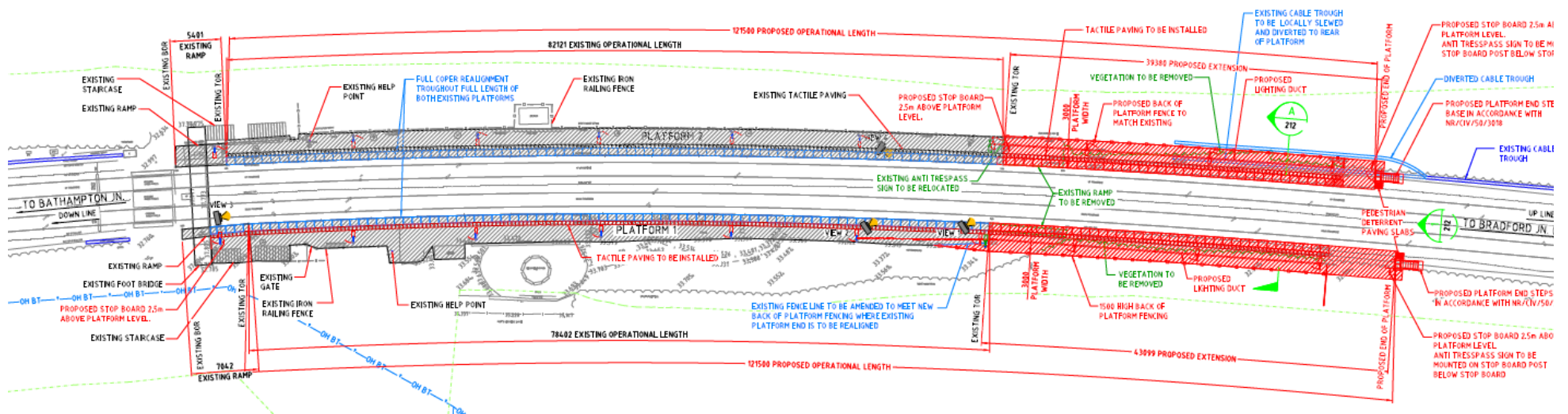
-  **Wiltshire**
-  **Gloucestershire**
-  **Bristol**
-  **Bath & NE Somerset**



Freshford – Scope

Significant enhancements to both platforms to achieve 121.5m platforms, allowing up to a 5x car DMU to call at Freshford

- Platform 1 39m extension
- Platform 2 43m extension
- Lighting upgrades
- Tactile paving installation
- Correction of the gradient of the platforms (crossfalls)



Construction Type

MegaTech, a system used in the recent Bath Spa improvement project will be used for works at Freshford.

Key Points:

Modular System - Allows for quick installation, without the need for major disruptions to train services

Minor excavation required and no piled foundations - Reducing risk of striking buried services

Significant programme benefits - Installation time significantly reduced compared with traditional methods



Land Access







Programme

- **Site set up and preparation works:** 15 January 2018 – 26 January 2018
- **Existing platform works:** 27 January 2018 – 24 March 2018
- **Platforms 1 & 2 Extension works:** 27 January 2018 – 25 March 2018
- **Works finish and leave site:** 31 March 2018

Q & A