

Barking Riverside Extension



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Dozer cutting formation ready for new bottom ballast & track installation

“Multidisciplinary scope consisting of Permanent Way and Overhead Line Electrification. All works self-delivered by Pod-Trak”

The Barking Riverside Extension extends the existing London Overground to 10,800 new homes and facilities such as a new school and healthcare.

The multidiscipline scope covers three key areas:

- A 4.5km extension to Barking Riverside, from the Tilbury Loop Line between Barking and Dagenham Dock stations to Barking Riverside;
- Reconfiguration of Network Rail's Ripple Lane goods yard to allow the extension to connect to the Tilbury Loop;
- Continuation of the rail system over a new 1.5km viaduct into the heart of Barking Riverside;

Permanent Way

The high-level scope of the Permanent Way works:

- Creating a new up a Tilbury Loop and up & down Barking Riverside lines
- Installation of new double track spur line on the viaduct (slab track circa 1.5km)
- Installation of new ballasted track
- Transition section between ballast and slab track
- Installation of new crossovers
- Track lubrication and buffer stops
- Stressing
- Installation of chainage plates, gradient signs and datum plates



Portal boom installation

Electrification

The high-level OLE and Traction scope:

- Electrification of the Up & Down Barking Riverside Extension
- Installation of new series 2 OLE structures and catenary along with RC & EW along the route
- Modifications / replacement to the existing infrastructure
- Upgrade to West Ham & Barking Feeder Stations
- New Neutral sections
- Testing and Commissioning of new Overhead Line Equipment
- Piling / Foundations

WEEKEND POSSESSION BLOCKADE HIGH STREET ENVIRONMENT


MARCH 2019 – MAY 2021

VALUE £19m

