

# Barking Riverside Extension (London Overground)



# Barking Riverside Extension (London Overground)



**Dozer cutting formation ready for new bottom ballast & track installation**

*“Multidisciplinary scope, Permanent Way, Overhead Line & Civil Engineering all self-delivered using Pod-Trak staff and in house plant fleet”*

**WEEKEND POSSESSION  
BLOCKADE  
HIGH STREET  
ENVIRONMENT**

**MARCH 2019  
– MAY 2021**

**VALUE  
£19m**



**T**he Barking Riverside Extension extends the existing London Overground to 10,800 new homes and facilities such as a new school and health-care.

Project - Pod Trak is contracted to deliver:

- 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;

**PWay Scope**

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

**Traction / OLE**

The scope of the Traction / OLE works:

- Electrification of the Up & Down Barking Riverside Extension
- Installation of new series 2 OLE structures and catenary along with RC & EW 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

**Civils – General / Ancillary**

The scope of the civils general / ancillary works:

- Piling / Foundations



**Installation of a new Twin Track Cantilever as part of the OLE Renewals**

- Breakout and excavation work
- Foul Drainage and surface water
- Ducts / trough routes
- Installation of URX / UTX