

# Beckton Sidings Construction



## Scope of works

The project consisted of Civil & Permanent Way works which involved the construction of three sidings with new elevated track walkways, train wash down areas, drainage and support facilities.

## Details:

- 82No. pre cast concrete slabs placed onto concrete block piers to form three high level walkways between the rail roads plus six concrete stair installations
- Construction of 9No. cable draw pits and duct installation for power, communication and water services
- Interceptor tank within the Beckton Depot including drainage from the trainwash to the tank and into the existing sewer plus drainage manholes
- 2No. reinforced concrete slabs to house the new plant room and the electric cabinet plus ducting and drainage installation within the depot
- Re-installation of the reinforced concrete road slab over the interceptor tank
- 6No. pedestrian crossings and the construction of low level walkways and fencing from the walkways to the depot



## Project Profile

## Project Details:

Client: Serco / DLR

Value: £844,172

Duration: 5 months

For more details contact:

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Details continued:

- 4No. gate installations to form openings in the existing fence to access the low level walkways
- Formation levels (grading to specified levels and compacting the ground)
- The installation of 250m of drainage system
- 79No. reinforced concrete block pier foundation
- 73No. concrete block piers
- 6 No. reinforced concrete bases within and along the high level walkways for the installation of lighting masts
- 2No. reinforced concrete slabs for point heaters
- 130m<sup>3</sup> concrete trainwash slab with built in drainage
- Geotextile laid on formation to receive 4000 tonnes of ballast throughout
- 2No. switch and cross installations (west & east) plus 3No. plane lines (300m length)
- 6No. water stand pipes installed on the high level walkways including connection to the existing water mains
- 250m kee-klamp handrail installation plus white lining and signage
- 4No. CCTV masts installed onto reinforced concrete foundations
- Building 12No. access chambers

