

Felixstowe Capacity Enhancement



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“Multidisciplinary scope consisting of Earthworks, Civil Engineering, Permanent Way and Communications. All works self-delivered by Pod-Trak”

The first freights service on the new FEL loop line.

The Felixstowe Capacity Enhancement was delivered to provide extra freight capacity and resilience to the single line section of track between Trimley & Gunn Lane.

Pod-Trak delivered a multidiscipline scope of Earthworks, Civil Engineering, Permanent Way and Communications to assist the client with the interface between packages. The scope of each package included:

Civil Engineering

- Reduced Level dig and installation of 1.1km of a Primary type 1 formation.
- Removal and reinstatement of soft spots providing CBR, DIN and materials testing at 50- meter intervals.
- 400m embankment widening up to a height of 3m
- 4 x Utility UTX's.
- Culvert strengthening works
- Foundations (30T Pre-cast units requiring significant temporary works) for the new equestrian bridge



Earthwork embankment and new equestrian bridge'

- Driver walkways
- Site Wide Landscaping.

Permanent Way

- 1.5km of new ballast and track, installed during possession.
- 3 x new S&C Layouts
- Cable Management Sleepers
- Lubricator's

Communications

- Installation in trough / ductwork & testing of 6.5km Copper Cable

- Installation on surface, anchoring & testing of 25km Fibre Disc Cable

Earthworks

- Reduced Level dig, loaded onto trains
- Installation & compaction of 1.1km of a Primary type 1 formation, loaded onto trains
- Removal and reinstatement of soft spots providing CBR, DIN and materials testing at 50-meter intervals.

**1.5KM
CONSTRUCTION
OF A NEW FREIGHT
LOOP LINE**



**JUNE 2018 –
JUNE 2019**

**VALUE
£4.4m**



**TRIMLEY,
FELIXSTOWE**