



The modelling of the S&C at Southampton Station to incorporate a new track layout and drainage system.

Project Summary

The project required 200m of 6ft TerraDrain collector drainage together with 12m of TerraLine carrier drain UTX, four in-line GRP TerraPits and three 90° Terrapits, one 90° narrow TerraPit and one narrow TerraPit in-line.

The installation ran towards Southampton from the London end, turning to cross the track (left) under the S&C into the siding 6ft running out to the outfall.

From order to completion of delivery was four weeks.

Project Overview

- NAME: Southampton Station
- CLIENT: Network Rail (Southern)
- CONTRACTOR: Balfour Beatty Rail Ltd
- CONSULTANT: Network Rail (Southern)

Products used

- **TerraDrain 11** collector
280mm 11 HP PAT D FPO
- **TerraLine carrier**
280mm 11 FPO
- **Couplers PE**
280mm Loose Sleeve Coupler c/w 'O' ring
- **TerraPits**
1200 x 650 x 1200mm narrow, 2 duct entries full Isothalic grate. 1200 x 790 x 1100mm, 2 duct entries, full Isothalic grate.
- **Fabrication**
280mm x 11deg L/S elbow SDR11
- **Flexi couplers**
Adaptor coupler 265-290mm to 360-385mm

