

CASE STUDY: RAIL UNDERBRIDGE

## Project Summary

**Client** National Engineering Consultancy

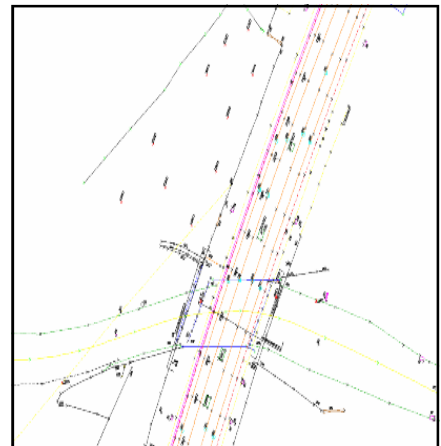
**Programme** 2 site days for one team  
1 weekend night shift  
5 days CAD processing

**Equipment** Leica TC1100 Total station  
Trimble S6 Robotic Total station  
HDS Scanstation



### Detail Surveyed

- Railway underbridge point cloud surveyed using HDS scanner
- Station platforms surveyed
- Pway survey
- Highways survey of road underneath



### Deliverables

- 3D AutoCAD DWG & DXF,
- Site topographical plan
- Bridge elevations and sections
- Point cloud data

### Benefits to Client

- Fast turn around from instruction to delivery
- Full specification pway track survey
- Scan cloud dataset available to extract additional data from if required

