

## Grantham Station Network Rail Partial Construction



Commercial Property Maintenance Services Ltd



Traditional Harp unit platform construction



## PLATFORMS WORKS PARTIAL CONSTRUCTION

CPMS were engaged by Network Rail to partially demolish and reconstruct the Up Main platform at Grantham station on the East Coast Main Line which showed signs of severe settlement over various sections. The existing "harp unit" platform construction was to be rebuilt using blockwork. It was essential that the existing line speed through the station (115mph) was maintained throughout the project. This was achieved by installing piled ballast retention and nightly track monitoring.

The works included:-

- Sheet pile ballast retention
- Track monitoring
- Demolition of the platform wall
- New foundation
- Blockwork riser wall
- Oversail blocks
- Platform copes
- Surfacing
- Stepping/Gauging clearance
- Possession and Isolation management
- Safety critical staff
- WPP/CPP
- All temporary works required for hand over / hand back
- All works carried out on time and budget with no issues