



SEP Rail **Design**

# Capability Statement

We can support all stages - GRIP 1 to 8 - whilst offering the following services. We cater for varying sizes of design/engineering projects and would be happy to provide a proposal for anything you see fit.

## Track Design

- ✓ Plain line design
- ✓ Switches and crossing design
- ✓ Alignment design – line speed improvements
- ✓ Condition assessments
- ✓ Infrastructure rationalisation
- ✓ Metro and tramway design
- ✓ Track CRE services
- ✓ Track CEM services
- ✓ Depot and siding designs
- ✓ Platform extension

## Drainage Design

- ✓ Condition assessments
- ✓ Drainage solutions
- ✓ Integration with track design
- ✓ Full hydraulic drainage calculation design
- ✓ Drainage liner design

## Gauge Clearance Design

- ✓ Route wide gauge clearance (for new vehicles)
- ✓ Gauging reports
- ✓ Line speed improvement

## Civils Design

- ✓ Foundation design
- ✓ Slab track design
- ✓ Infrastructure upgrades
- ✓ UTX / URX designs
- ✓ Retaining structures
- ✓ Access for All footbridge design
- ✓ Civils CRE services
- ✓ Parapet modifications
- ✓ Vehicular incursion assessment and design
- ✓ OLE registrations and renewals
- ✓ Temporary works design

Need design support on your projects? **Get in touch**

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