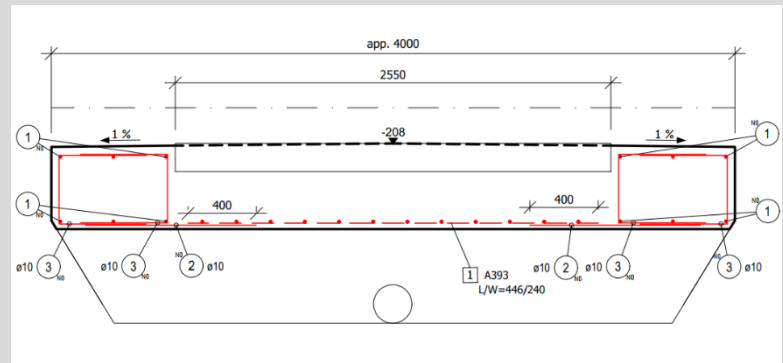
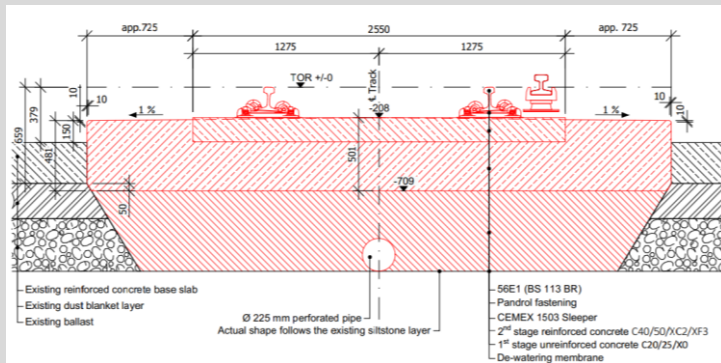




MOUNTFIELD TUNNEL

PROJECT SHEET



PROJECT

Mountfield tunnel emergency slab track renewal works at Robertsbridge portal end

LOCATION

Mountfield, East Sussex, UK

CLIENT

Rhomberg Sersa UK Ltd

PERIOD

October 2022-March 2023

DESCRIPTION

The Mountfield Tunnel is a tunnel in the south of England. It is a single-track tunnel where the slab track system is renewed. At the Robertsbridge portal (north portal) a new slab track was installed at a length of approximately 30 m. The slab track system is a reinforced concrete slab, with embedded sleepers type Cemex 1503.

In a later stage of the project a 230 m long section of the slab track was renewed starting at the Battle portal (south portal) using Delkor Alt1 rail fastenings, which are embedded in reinforced concrete.

SERVICES

- Detail Design of the slab track at Robertsbridge portal (Structural Analysis, concrete outline drawings and reinforcement drawings)
- Review of the slab track design at Battle portal and CAT 3 check