



SCHEMBERA

Consulting ZT

BARKING RIVERSIDE EXTENSION

PROJECT SHEET



PROJECT

Barking Riverside Extension

LOCATION

London, England

CLIENT

Rhomberg Sersa UK Limited

PERIOD

From July 2019 to September 2020

DESCRIPTION

In eastern London, the urban expansion area of Barking Riverside is constructed, containing 10.800 new appartmenets. The Barking Riverside extension will connect to this new area. For this reason a bridge is erected, to cross the Tilbury Loop. The track system used in this project is the Slab Track Austra (STA) system. Between the slab track and the ballasted track, a transition is required.

SERVICES

- Review the Track-Bridge Interaction report to interpret the requirements for the slab track design,
- Check the detail design, covering the transition from STA to ballasted track, STA on ground slab, on ramp, on concrete bridge decks, on steel bridge decks and in station.
- Check the detail design for the STA switches and crossings