

Bodenbacher Street, Dresden

Renewal of six track construction sections on slab track

For autumn 2019, the DVB AG planned to renew the worn rails of the slab track system Rheda City, built in 1999, on Bodenbacher Straße in Dresden. The construction work was divided into six construction phases. In the course of the track superstructure work, the road covering, drainage systems and electrical feed systems were renewed.

The construction work had to be carried out in the confined road space while maintaining individual traffic on the lane leading out of town. A particular challenge was the simultaneous use of the logistics lane and construction site by all trades without any restrictions - in some cases up to three trades in the same construction phase.

Location:	Dresden, Germany
Client:	Dresdner Verkehrsbetriebe AG
Construction period:	10-11/2019
Services:	Cutting asphalt, Dismantling of rails (3,000 m) on slab track system Rheda City, including connection work, Re-installation of old rails (1,800 m) and installation of new rails (2,000m) on the Rheda City slab track system, including connection work, Welding services (76 pcs MF welds), Dismantling and construction 56 rail drainage boxes, Mixing and pouring of concrete.
Executing companies:	Rhomberg Sersa Gleisbau GmbH

Contact:
Rhomberg Sersa Gleisbau GmbH
info.rsg@rsrg.com
rhomberg-sersa.com

Read more:

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Project content

- Coordination of various trades and other third parties,
- Measures for site installation and subsequent clearance,
- Construction site safety,
- Coordination of traffic safety and traffic management,
- Surveying services,
- Marking works,
- Voltage disconnection,
- Demolition works,
- Earthworks, track and road construction,
- Deconstruction and new construction of drainage system,
- Civil engineering works for traction current, communication, low voltage, medium voltage and lightening protection systems,
- Superstructure welding,
- Production of a road covering of asphalt binder and mastic asphalt (~ 5,870 m^2), including jointing work,
- Production of bituminous joints on rails,
- Waste disposal services.

External services

- Cutting asphalt,
- Asphalt milling (~ 5.870 m^2),
- Installation of asphalt binder and mastic asphalt (~ 5.870 m^2),
- Production of bituminous joints on rails and roads (existing and new),
- Welding services (231.00 pcs MF welds),
- Dismantling and new construction of all electrical feeding systems.

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