



Railway overpass at Ernst Reuter Allee, Magdeburg, Germany

Data and facts

Company	PORR GmbH & Co. KGaA, PORR Spezialtiefbau GmbH
Type	Rail and road tunnels
Runtime	06.2015 - 11.2022
Principal	DB Netz AG, Stadt Magdeburg, drei städtische Gesellschaften (MVB, AGM, SWM)

[Project report online](#)

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Overcoming huge challenges with flying colours

The City Tunnel is the basis for modern transport infrastructure

Infrastructure measures like the modernisation of the Magdeburg railway junction require both patience and stamina. In 2004, Deutsche Bahn AG decided that the railway bridges, some of which date back to the 19th century, needed to be refurbished or replaced. After many years of planning and obtaining the necessary approvals, this became a comprehensive project in which bridges, tracks, overhead line systems, points, and signalling and safety technology at Magdeburg's main railway station were all adapted to meet the requirements of modern rail infrastructure.

In accordance with the German Railway Crossing Act, the transport infrastructure below the new railway overpass had to be adapted as well. A solid two-storey frame has been integrated into the existing abutments to separate tram services from the road traffic. On level 1, motorised individual transport between Damaschkeplatz and the City-Carré is routed underground via two separate tubes. Level 0 above it is reserved for tram services, pedestrians and cyclists. Due to the high groundwater level, the tunnel structure was constructed with a sealing slab at the base. It has a clear height of at least 4.50m, a width of 8.50m and a length of 353m in one tube and 323m in the other.

Impressions



Image notes

1

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At level 1, motorised private transport between Damaschkeplatz and the City Carré is routed underground in two separate tubes.

2

Railway overpass at Ernst Reuter Allee, Magdeburg, Germany

Rapid construction was the top priority in the Ernst-Reuter-Allee railway overpass project.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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