

BW C24/08A, A 44, TB Langer Grund



SHORT DESCRIPTION

The Langer Grund viaduct on the A44 interstate highway is approximately 260 meters long, has a total width of 31.05 meters, and is about 25 meters high.

THE PROJECT

The Langer Grund viaduct on the A44 interstate highway is approximately 260 m long, 31.05 m wide, and about 25 m high.

The two superstructures were designed as double-web plate girders and constructed using a sliding formwork system.

A total of 360 BBV L15i tendons, comprising approximately 300 metric tons of prestressing steel, were installed, prestressed, and grouted for the structure.

The tendons were prefabricated at the factory in Bobenheim-Roxheim and then installed on site by the company's own specialized personnel. The chosen construction method resulted in a high-performance and durable bridge structure for highway traffic.

SERVICES IN DETAIL

- Prestressing Technology, Bridge Construction:
 - internal strand tensioning method with subsequent bonding

FACTS

Location	Unhausen , Germany
Status	completed
Construction volume (value of our services)	722,000 EUR
Start of construction	October 2020
Completion	July 2021
Building owner	DEGES für Hessen Mobil
Contracting entity	Kropp Bau GmbH



<https://www.bbv-systems.com/en/projects/detail/ref/bw-c2408a-a-44-tb-langer-grund/>

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