VICTOR BUYCK STEEL CONSTRUCTION

STEEL AT WORK

Talbrücke Rahmede

In progress

Project type & location

Type: Bruggen

Function: Road Bridge

Country: Germany

Location: Lüdenscheid, Nordrein-Westfalen

Tonnage: 1.700

Client(s): Autobahn GmbH des Bundes

General Contractor(s): MCE GmbH

Project start date: 21/12/2023

Project finish date: 31/08/2024

Project specifics

Description

The Talbrücke over the valley of the river Rahmede in Lüdenscheid (Germany) is a viaduct of approximately 450m that is part of the A45 highway between Dortmund and Frankfurt. During a bridge inspection in 2021, damage was found in the superstructure of the bridge, which immediately closed it to all traffic. The existing bridge was demolished and will be replaced by a new steel viaduct.

The bridge consists of two viaducts (one for each direction). Each viaduct is a closed caisson girder of 450m long, 4.7m high and 13.0m wide. The structure is made of a combination of steel S355 and S460.

On behalf of the Austrian steel builder MCE, Victor Buyck will produce and preserve 12 elements (28 transport parts) of a total of 40 elements. Together this amounts to 1,700 tons of steel and a length of 275 m (out of a total of 900 m). The transport parts consist of half caissons that are picked up by MCE from Victor Buyck's site.

Media

Victor Buyck Steel Construction
Pokmoere 4
9900 Eeklo
Belgium
T: +32 (0)9 376 22 11
T: +32 (0)9 376 22 00
BE-0437.365.179