

BW 440b, TB Krondorf, A 3 - Cycle Pushing



SHORT DESCRIPTION

The Krondorf Valley Bridge is located along the A3 between the Neumarkt-Ost and Velburg interchanges. The structure consists of two separate prestressed concrete superstructures, each approximately 455 m long. The superstructures are being constructed using the segmental pushing method, with BBV Systems GmbH fabricating, prestressing, and grouting the tendons on site.

THE PROJECT

The Krondorf Valley Bridge is located on the A3 between the Neumarkt-Ost and Velburg interchanges.

The bridge structure consists of two separate sections, one for each direction of travel, each with a length of approximately 455 m.

The prestressed concrete superstructures are being constructed using the incremental launching method, which enables cost-effective and efficient construction.

BBV Systems GmbH is responsible for manufacturing the tendons on-site as well as for their prestressing and grouting. The chosen construction method results in a durable and high-performance bridge structure for interstate traffic.

SERVICES IN DETAIL

- Prestressing Technology, Bridge Construction:
 - Internal strand tensioning method with subsequent bonding
 - External strand tensioning method, Type E
 - Per superstructure (internal): 260 metric tons of prestressing steel; 180 BBV L22 tendons, 8 BBV L15 tendons, 7 BBV L9 tendons, and 4 BBV L5 tendons
 - Per superstructure (external): 70 metric tons of prestressing steel; 22 BBV L15E tendons each

FACTS

Location	Velburg , Germany
Status	Under construction
Construction volume (value of our services)	1.63 M EUR
Start of construction	January 2021
Completion	December 2026
Building owner	Autobahndirektion Nordbayern, Nürnberg
Contracting entity	Eiffage Infra-Süd GmbH



<https://www.bbv-systems.com/en/projects/detail/ref/bw-440b-tb-krondorf-a-3-taktschieben/>

Creation: 03.09.2026 10:39