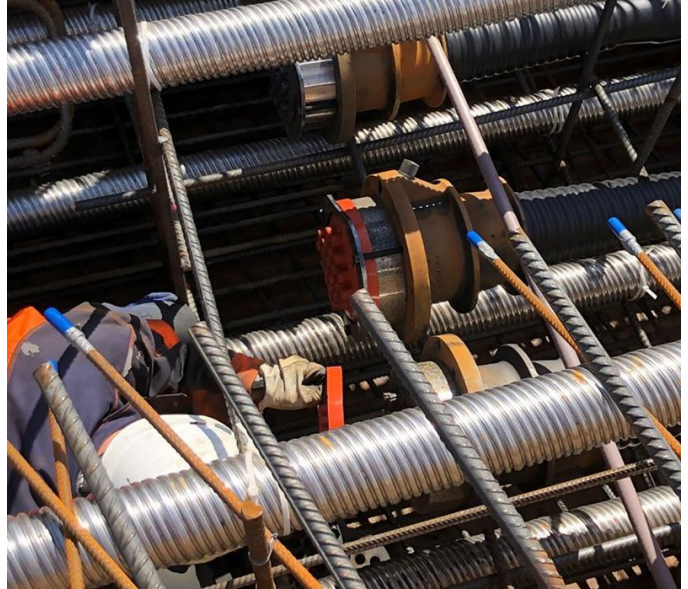


## ENB Gumpenbach Bridge, B 27, Kornwestheim



### SHORT DESCRIPTION

Two separate prestressed concrete superstructures, each 100 m long

### THE PROJECT

The Gumpenbach Bridge is located on the B27 between the Kornwestheim-Mitte and Kornwestheim-Nord interchanges in Ludwigsburg County.

The structure, approximately 100 m long, consists of two sections, one for each direction of travel.

The two superstructures were constructed as double-web slab girders, each built in a single construction phase.

BBV Systems GmbH was responsible for the on-site fabrication of the tendons as well as for their prestressing and grouting.

### SERVICES IN DETAIL

- Prestressing Technology, Bridge Construction:
  - Internal strand tensioning method with post-tensioning
  - Tension members manufactured, installed, tensioned, and grouted on site
  - Per superstructure: 54 metric tons of prestressing steel; 22 BBV L22 tendons each

### FACTS

|                                                        |                                        |
|--------------------------------------------------------|----------------------------------------|
| <b>Location</b>                                        | Kornwestheim , Germany                 |
| <b>Status</b>                                          | completed                              |
| <b>Construction volume<br/>(value of our services)</b> | 200,000 EUR                            |
| <b>Start of construction</b>                           | January 2020                           |
| <b>Completion</b>                                      | January 2021                           |
| <b>Building owner</b>                                  | Straßenbauverwaltung Baden-Württemberg |
| <b>Contracting entity</b>                              | Wolff & Müller Holding GmbH & Co. KG   |



<https://www.bbv-systems.com/en/projects/detail/ref/enb-gumpenbachbruecke-b-27-kornwestheim/>

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