

## Bocksbachtal Bridge



### SHORT DESCRIPTION

Construction of the new Bocksbachtal Bridge and a rainwater retention basin

### THE PROJECT

Five-span prestressed concrete bridge with subsequent bonding for the six-lane motorway section "RQ 35.5" with a total length of 182 metres.

### SERVICES IN DETAIL

- Distances between supports 29-40-40-40-33 metres
- Hammer head supports up to a height of 13 metres on bored piles
- Formation of the cross-section: a full cross-section was created in the bearing region and a double-girdered T-beam in the span region
- Bridge waterproofing with poured asphalt and asphalt mastic
- Extensive earthworks and demolition of old bridge over the L563

## CHALLENGES

Bridge constructed while road was in operation

## FACTS

<b>Location</b>	Karlsbad , Germany
<b>Status</b>	completed
<b>Construction volume (value of our services)</b>	11.5 M EUR
<b>Start of construction</b>	July 2011
<b>Completion</b>	April 2015
<b>Contracting entity</b>	Regierungspräsidium Karlsruhe Ref. 47.2
<b>Planning</b>	Bilfinger Berger Ingenieurbau GmbH
<b>Concrete volume</b>	12610 m <sup>3</sup>
<b>Reinforcement</b>	1620 to
<b>Height</b>	13 m
<b>Length</b>	182 m

## SERVICES

Civil engineering

Concrete construction

Road transport infrastructure

Structural engineering



<https://implenia.com/en/references/detail/ref/bocksbachtal-bridge/>

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