Implenia

Reference

Replacement construction of Main bridge Marktbreit









SHORT DESCRIPTION

Construction of two new main bridges, each 1000m long in each direction.

THE PROJECT

The renewal of the bridge, which is over 50 years old, is necessary due to the overall poor condition of the structure and the fact that it no longer has sufficient load-bearing reserves for today's traffic conditions. Since the construction of the Marktbreit bridge over the River Main, the rapid increase in freight and heavy goods traffic has led to a change in use of the viaduct. The existing bridge is not designed for these high loads. The new construction will therefore be designed for current and future traffic loads.

SERVICES IN DETAIL

- Complex demolition work for both directions of travel
- New construction of two main bridges

- 50,000 m of grouting for soil compaction
- 21,000 m^3 concrete, 5,800 tons reinforcement, 25,000 tons steel structure

CHALLENGES

- Bridge height up to 60m above ground
- Crossing area for a lock, railroad line, road and the Main river

FACTS

Location	BAB A7 , Marktbreit , Germany
Status	Under construction
Construction volume (value of our services)	376 M EUR
Start of construction	October 2025
Completion	December 2033
Building owner	Die Autobahn GmbH des Bundes – Niederlassung Nordbayern
ARGE	✓

SERVICES

Special Foundations

Civil engineering

Structural engineering

https://implenia.com/en/references/detail/ref/ersatzneubau-mainbruecke-marktbreit/

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