A14 Los 1 Elbebrücke Wittenberge









SHORT DESCRIPTION

New construction of the road bridge over the Elbe as part of the new construction of the A14 Magdeburg-Schwerin motorway.

THE PROJECT

The construction project comprises the new construction of the road bridge over the Elbe as part of the new construction of the A14 Magdeburg-Schwerin motorway, south of the town of Wittenberge. The new Elbe bridge runs to the west of the existing B189 road bridge. It is divided into a foreland bridge with two separate superstructures for each direction of travel and a single-span river bridge over the Elbe.

With a total length of 1,100 meters (695 m foreland bridge and 412 m river bridge), the new Elbe crossing of the A 14 near Wittenberge is the longest bridge of the entire A 14 north extension.

BBV Systems is responsible for supplying the post-tensioning system and carrying out the post-tensioning work during the construction of the bridge.

SERVICES IN DETAIL

Foreshore bridge: Prestressed concrete with 2 parallel superstructures, 14 spans, reinforced plate girder cross-section, pile foundation, construction with launching gear

Stream bridge: Steel box girder with addition of an ortho-composite slab, lateral fabrication, insertion by means of incremental launching and 2 current piers.

4 m high multifunctional walls are erected on both outer sides of the superstructure.

FURTHER INFORMATION

Article and podcast in Impact – New construction of the Elbe bridge near Wittenberge

FACTS

Location	Wittenberge , Germany
Status	Under construction
Construction volume (value of our services)	63 M EUR
Start of construction	January 2022
Completion	October 2026
Contracting entity	DEGES Deutsche Einheit Fernstraßenplanungs- und bau GmbH
Construction management	Implenia Civil Engineering GmbH, Berlin branch
ARGE	✓
Construction management	Implenia Civil Engineering GmbH, Berlin branch

SERVICES

Tensioning

Civil engineering