

Reference

Litjsundbrücke



SHORT DESCRIPTION

As part of the Imarsund project, a new road connection was built on the coast of Norway, west of Trondheim.

THE PROJECT

In addition to approx. 1,000 m of road construction, the project included a 580 m long steel composite bridge (Imarsund Bridge) and a 300 m long prestressed concrete bridge (Litjsund Bridge).

The prestressed concrete bridge is named after the Litjsund it crosses. It consists of 3 fields and has a span of 160 m in the main field. Both pillars were erected in the water.

The superstructure with a box-girder cross-section was cantilevered, the length of the sections is 5 m and the superstructure was prestressed using BBV L12 tendons, steel quality 1860 N / mm².

This project is the first application of the European BBV approval ETA-05/0202.

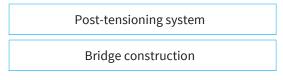
SERVICES IN DETAIL

Tendons

FACTS

Nähe Trondheim , Norway
completed
April 2005
August 2006
Statens Vegvesen
Bilfinger Berger
Norconsult

SERVICES





https://www.bbv-systems.com/en/projects/detail/ref/litjsund-bridge/

Creation: 18.08.2025 16:03