

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

Location	Nähe Trondheim , Norway
Status	completed
Start of construction	April 2005
Completion	August 2006
Building owner	Statens Vegvesen
Contracting entity	Bilfinger Berger
Planning	Norconsult

SERVICE PROVIDED

Post-tensioning system

Bridge construction



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

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