

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 / mm<sup>2</sup>.

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

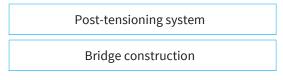
## SERVICES IN DETAIL

## 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/

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