BBV SYSTEMS

WIR SORGEN FÜR SPANNUNG | WE STRESS FOR STRENGTH

Botniabanan







SHORT DESCRIPTION

The bridges were longitudinally prestressed with BBV tendons of various sizes.

THE PROJECT

The currently most modern and longest rail line in the country was built along the east coast in Sweden between Kramfors and Umea. This is where Botniabanan AB, founded for this purpose, built the Botnia Line together with Banverket. The route is 190 km long and designed for freight and passenger traffic. 25 km of tunnels and 140 bridges were built.

Bilfinger Construction built the bridge over the Umeälv river and the Stocke bridge. At 1,932 m, the Umeälv Bridge is the second longest railway bridge in Sweden. Both bridges were built with a telescopic arm every two weeks.

FACTS

Location	Kramfors und Umea , Sweden

Status	completed
Start of construction	October 2007
Completion	May 2009
Building owner	Botniabanan AB und Banverket
Contracting entity	Bilfinger Construction, Brückenbau
Planning	Bilfinger Construction, Technisches Büro

SERVICES

Post-tensioning system

Bridge construction