Svinesundbrücke









SHORT DESCRIPTION

The new Svinesund Bridge on the E6 is on the border between Sweden and Norway near Stömstrad.

THE PROJECT

The box steel superstructure crosses a concrete arch, which was erected in cantilever construction, by means of temporary pylons and temporary stay cables. BBV Systems delivered these stay cables prefabricated to the construction site, monitored the forces in the stay cables using BRIMOS, connected the arch and the superstructure with EMR19 tendons and installed vertical external tendons, type EMR 9, 12 and 15 in 5 piers.

SERVICES IN DETAIL

- Tendons
- Temporary stay cables

FACTS

Location	Strömstad , Sweden
Status	completed
Start of construction	January 2002
Completion	December 2004
Building owner	Vägverket Schweden
Contracting entity	Bilfinger Berger
Planning	Bilfinger Berger TB

SERVICES

Post-tensioning system

Bridge construction