

New construction of Suhresteg, Buchs AG

2005



The competition for the replacement of the Suhr bridge was won by the Erne/Timbatec/Moser+Colombo team in the fall of 2005.

The project

The design of the Suhr bridge combines the proven technology of the trough bridge with improved weather protection and the following new technologies: The load-bearing parts are largely protected from the weather and can dry out. All surfaces are designed as wear parts.

The construction

The use of GSA technology eliminates the need for the steel U-bracket used in the past. It is replaced by horizontal HEA beams, which also support the roadway. The supports were created with elastomeric pads. The girder cladding is designed as open Douglas fir formwork.



Stock



Assembly from truck



Montage

Construction Data

- Span: 20 m
- BSH Fi/Ta: 10.5 m³
- BSH Larch: 2.2 m³

Services of Timbatec

- Statics and construction
- Works planning 3D and 2D
- SIA phase 52 execution



View 3

Client

Community 5033 Buchs AG
5033 Buchs

Timber construction engineers

Timbatec Holzbauingenieure Schweiz AG, Thun
3600 Thun

Architect

Marc Moser + Reto Colombo
5000 Aarau

Timber construction contractors

ERNE AG Holzbau
5080 Laufenburg