



# holztragwerke

ENGINEERING & INNOVATIONS

Reference bridge construction

## Foot-and-cycle path Agno - Magliaso

Bridge alongside lake and existing cantonal road composed out of 26 prefabricated bridge elements each 12 m long. The individual elements consist of 2 glulam main beams with a cross section 900/200 and a 120 mm thick CLT slab with dimensions of approx. 3.00 x 12.00 m as bottom support for the pavement.

Solely the parapets out of steel were not integrated in the prefabrication process and assembled after the completion of construction of the 26 bridge elements. The total length of the bridge is approx. 312 m.



Overall view of a part of the bridge



Construction and assembly stages



View during shell construction



View during operation

### Building owner

Piano dei Trasporti del Luganese,  
Cantone Ticino

### Architect

Bianchi Angelo Studio d'architettura SA

### Year of construction

2009 - 2012

### Activities

- Elaboration support concept
- Project planning, tender and detailed design of supporting structure and timber construction

### Contact

holztragwerke.ch ag  
T 043 268 60 79  
info@holztragwerke.ch

Further references available on  
[www.holztragwerke.ch](http://www.holztragwerke.ch)