

# Renovation Seetalbahn, Level Crossing Ballwil Nord

In the course of the programme to increase the safety of the Seetalbahn, level crossings had to be equipped with new systems. The new signalling system comprises a control system with half-barriers and operates as traffic flow based single node station. SBB train operation has prioritisation in regard to traffic control.

Renovation of level crossing in the Ballwil Nord area to increase traffic safety. Traffic node has been equipped with a new signalling system consisting of half-barriers, turning flash lights, tram signals and data transmission for remote control from a control centre. Optimisation of barrier down times to increase acceptance of road users.

**Place**

Ballwil

**Client**

Canton Lucerne

**Period:** 2005 - 2006**Delivered services**

- Construction project
- Bid comparison
- Participation and recommendations in awarding of contacts
- Realisation project
- Management of the execution of construction works
- Commissioning
- Management of tests, approvals and acceptance

**Specifications**

- Control system: 1
- Turn-signal flash lights: 7
- Tram signals: 2
- Interface to rail interlocking system
- Remote control: 1
- Rail contacts: 3
- Acoustic signals: 5
- Cabling and Earthing