

## Bicycle Station and Pedestrian Access Olten Ost Main Station

### Client

Construction Department of the City of Olten / SBB Immobilien

### Planning

IUB Engineering AG in Consortium

### Construction period

2009–2013

### Construction costs

CHF 5 million

### Scope of services

- Preliminary project
- Construction project
- Tendering
- Test engineer

### Description

Underground bicycle station between the pedestrian underpasses. Redesign of rail station and platform entrance, new traffic concept for deliveries and station right of way. Bicycle and pedestrian routing guidance.

### Specific problems

- Rail passengers and commuter traffic at morning peak time: flow of people, i. e. capacity of the facilities
- Safety of pedestrians in the underpasses and in the bicycle parking area
- User safety concept: video surveillance, security service and social control
- Technical safety, collapse, fire, conflict between pedestrians and bicycles
- Traffic safety above ground pedestrians, bicycle and motorised traffic when arriving and departing

### Main technical data

- Reconstructed volume 3,000 m<sup>3</sup>
- Area/design 4,000 m<sup>2</sup>

