

## K32 Cantonal Road: Moosmatt Roundabout, Access Road and Entrance Area of Exhibition Centre (part of the two-track underground expansion of the central railway project)

### Client

Department of Transport and Infrastructure (vif), Lucerne

### Consultant

IUB Engineering AG (Part of Total Contractor)

### Construction period

2009 – 2012

### Construction costs

Approx. CHF 4.5 million

### Services provided

- Assistance with Total Contractor bid on the basis of the construction project
- Design for regulatory approval
- Implementation project
- Construction management and supervision
- Commissioning/Completion

### Description

As part of the project to lower the central railway and construction of the new stop at Allmend the busy transport node at the Horwer and Moosmatt roads had to be replaced by a roundabout.

The new concrete roundabout has an inner diameter of 16m and an outer diameter of 32m. In addition the two bus stops along Horwer Road and both bus bays were built with concrete. As a result of the new roundabout and the Allmend train stop the whole design of the entrance area and the access road to the exhibition centre were regenerated.

### Main technical data

- |                                    |                      |
|------------------------------------|----------------------|
| - Length of Horwer Road            | 350 m                |
| - Length of Moosmatt Road          | 100 m                |
| - Access road to exhibition centre | 230 m                |
| - Width of road incl. cycle lane   | 9.5 m                |
| - Concrete roundabout              | 1,130 m <sup>2</sup> |
| - Inner Ø 16m, Outer Ø 32 m        |                      |
| - 4 bus stops (concrete)           | 370 m <sup>2</sup>   |
| - Road surface                     | 8,600 m <sup>2</sup> |
| - Entrance area surface            | 2,710 m <sup>2</sup> |

