

Replacement of the Utility Lines in Brambergstrasse

Client

Civil Engineering Authority of the City of Lucerne and
 ewl Wasser AG / ewl Rohrnetz AG

Project design

IUB Engineering AG

Construction period

2013–2014

Construction costs

Approx CHF 1.05 million

Scope of services

- Construction project
- Tendering, bid evaluation and recommendations on award of contract
- Project execution
- Commissioning

Description

The Civil Engineering Authority of the City of Lucerne, Department of Urban Drainage, ewl Wasser AG and ewl Rohrnetz AG replaced the utility lines along the Brambergstrasse in Lucerne over a length of approx. 600m. The water, gas and mixed water pipes had to be replaced because of their condition. During construction works the road was closed off to traffic in sections and the bus operation was diverted. Brambergstrasse was resurfaced in the sections where the utility lines were replaced. The surface will be replaced along the whole width later.

Main data

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| – Sewage water pipe
PP-R DN 315-500 | 510 m |
| – Water pipe GD DN 150-300 | 600 m |
| – Gas pipe PE DN 180 | 180 m |
| – Base course layer AC T 32 S | 200 t |
| – Base course layer AC B 22 S | 200 t |
| – Base course layer AC T 22 N | 495 t |
| – Concrete layer AC 11 S | 215 t |
| – Concrete layer AC 11 H | 140 t |

