Implenia

Reference

Biel, Umgestaltung Jakob-Stämpfli Strasse









SHORT DESCRIPTION

The rehabilitation of Jakob-Stämpfli-Strasse includes the construction of new sidewalks on both sides, the renewal of the entire road drainage system as well as the foundation and edge trims over a total length of 510m.

THE PROJECT

The execution was carried out in stages. The entire road body was demolished/removed down to the subgrade and renewed. In addition, various catenary poles were replaced for a new catenary concept and four bus plates of the public transport company were demolished and rebuilt. We have extended the electricity network and the public lighting. We also constructed 80 tree planting quarters and covered them with cast grates. Finally, in the entire project perimeter, the base course 6 cm AC T 16 and surface course 4 cm AC 8 were laid on the sidewalk surface and the base course 14 cm AC T 22 and surface course 4 cm AC MR 8 were laid on the road surface.

All works were carried out under heavy inner-city traffic. Two lanes of traffic, bus service and access to two separate large construction sites had to be guaranteed at all times. All material handling, deliveries and removals, and installation changes had to be carried out outside the traffic area.

SERVICES IN DETAIL

- Road construction
- Pavement construction
- Pipeline construction
- Concrete pavement

CHALLENGES

- All work under inner-city traffic (incl. public transport)
- Demanding logistics
- Coordination/maintenance of accessibility of secondary construction sites

FURTHER INFORMATION

Execution as sole contractor

Implenia Switzerland Ltd, Construction Switzerland CH-3000 Berne 14

FACTS

Location	Biel , Switzerland
Status	completed
Construction volume (value of our services)	2.17 M CHF
Start of construction	January 2017
Completion	August 2018
Building owner	Stadtverwaltung Biel, Energie Service Biel, Verkehrsbetriebe Biel
General management	Schmid & Pletscher AG

SERVICES

Road construction

Concrete surfaces: roads

Road and surface construction