

Wankdorfplatz

The development area „Wankdorf“ is situated in the northern part of Bern. Because of the existing and planned leisure, shopping and sports facilities (soccer stadium Bern Wankdorf) as well as the institutions of education and exhibition grounds, this area plays an important role on the municipal, cantonal and national level. The intersection is additionally embedded in an intersection of the highway network with major access functionally for a wide area of the city of Bern.

Emch+Berger AG Bern - partner and coordinator of the team BE3 - obtained the first prize in an idea-contest for the redevelopment of the Wankdorf area. The concept included the requirements of transport, traffic, economy, residents and customers and the environment. In subsequent planning steps, the concept was further optimized concerning the construction progress and logistics with respect to the daily traffic to reduce the negative impacts of work and temporarily closed parts of the street network. Now, in 2008, the construction of a capable, compact urban two-level intersection will start.



Place

Bern

Client

Civil Engineering Department (OIK II), City of Bern, Bernmobil

Period: 2001 - 2008

Delivered services

- transport and logistic conception
- conception of the construction progress
- verification of the capacities
- microscopic traffic simulation
- traffic management
- accompanying measures

Specifications

- daily traffic volume: 65'000 veh/day
- traffic forecast: 70'000 veh/day
- length of the road network: 3'500 m
- length of the included tramline: 2'100 m
- number of modified intersections: 12