BBV SYSTEMS
WIR SORGEN FÜR SPANNUNG | WE STRESS FOR STRENGTH

Reference

Parking of the Valais Hospital in Sion, Switzerland





SHORT DESCRIPTION

The project, developed by the award-winning architects in 2017 - 2018, was implemented by the general contractor Implenia. Thanks to the crossbeam system, consisting of a slab resting on three free supports, it was possible to increase the traffic and parking areas.

THE PROJECT

The load-bearing elements are located along the north façade, in the middle of the parking lot between the two central parking rows and along the walkway on the south side. The relatively large spans are constructed by combining post-tensioning and the variable geometry of the slabs in the transverse direction.

Thanks to the use of post-tensioning, the project was optimized and the parking lot was put into operation two months before the deadline.

SERVICES IN DETAIL

Installed Post-Tensioning

- BBV L4: Approx. 26,200 m - 844 tendons
- BBV L19: Approx. 170 m - 10 tendons

FACTS

Location	Av. du Grand-Champsec 80, Sion , Switzerland

Status	completed
Construction volume (value of our services)	830,000 CHF
Start of construction	July 2018
Completion	March 2019
Building owner	L’Hôpital du Valais
Contracting entity	Implenia Schweiz AG
Civil engineer	N. Cordonier & G. Rey SA

SUSTAINABILITY

MINERGIE® Minergie-Standard

SERVICES

Vorgespannte Flachdecken

https://www.bbv-systems.com/en/projects/detail/ref/parking-de-lhopital-du-valais-in-sion-schweiz/

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