



# Trnava, interchange Triblavina

## D1 motorway Bratislava

### Daten und Fakten

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#### Unternehmen

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**Projektart** Straßenbau

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**Bauzeit** 04.2015 - 05.2021

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**Auftraggeber** Narodna diaľnicna spoločnosť a.s. (NDS – National Motorway Company)

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Projektbericht Online

[www.porr-group.com](http://www.porr-group.com)



# Quality, discipline, efficiency.

A bridge will be built on the highway as part of the interchange construction, which resolves the grade-separated crossing of highway D1 with the new road passing under the highway. It is designed as a maintenance-free frame bridge. The bridge object has two spans, the theoretical width of both spans is 12.35m. The superstructure is a composite reinforced steel frame structure, the upper deck is 0.65m thick. Frame struts are in-situ and they are connected with the upper slab and the in-situ foundation slab.

Given the fact that it is essential to maintain the traffic on the operated highway during construction, it will be necessary to secure the slope of the operated highway using nails and sprayed concrete. The bridge foundations on piles are impacted by the groundwater level, where the foundation joints of lean concrete are approximately 2m below the stabilised groundwater level. And they are to be carried out under the protection of sheet pile walls.

The demanding construction schedule places very high requirements to the observation of the highest quality of works, technological discipline during works, but particularly on coordination of the entire interchange construction.

## Impressionen



# Bildhinweise

1

Main bridge supporting structure.

Main bridge supporting structure – bridge ready for concrete casting.

3

Main bridge structure.

Works advancing with concrete foundation sealing slab.

2

Main bridge construction.

Concrete slab of the bridge after casting and gradual construction of the sealing tub.

Sie haben Fragen zum Projekt oder würden gerne mehr erfahren? Kontaktieren Sie uns gerne für weitere Informationen.

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