

# **RAILWAY BRIDGES UNDER VYŠEHRA**

## **Verbal evaluation of Concepts**

### **CONCEPT NO. 5**

#### **TRANSPORT SOLUTION**

The design of platforms, platform edges and track layout of the Výtoň stop is without any comments – good and short transfer links, and direct connection between the platform and the footbridge over the Vltava River. The pedestrians' and cyclists' movement is addressed appropriately – safe and intuitive pedestrian access to the various modes of transport is designed without the need for complicated transfer routes; the total number of footbridges and the location of the bicycle bridge are slightly questionable, but this is not a major comment that would detract from the overall quality of the presented transport solution.

#### **ARCHITECTURAL AND URBAN DESIGN**

The architectural and structural expression is convincing and clear, using contemporary technical morphology to respect the traditional layout of the structure. The Concept preserves the current forecourt, respects its monument protection and appropriately complements the new structures. The preservation of the current design is not addressed in detail and the design should be elaborated in this respect or the proposed solution should be justified in more detail.

#### **FUTURE OPERATION**

Contactless track design – these are standard fixed-track structures. It meets the requirements for minimum maintenance and robustness – a standard solution without any comments.

#### **TECHNICAL PARAMETERS**

Structurally and technically convincing – in terms of structural and material design, this is a completely contemporary and proven structure, that is used effectively. The proposed design is thus a prerequisite for simpler construction implementation as well as easier subsequent maintenance.

#### **RESTRICTIONS DURING CONSTRUCTION**

Two new structures in 2+1 track layout ensure single-track traffic throughout the construction period.