

Practical use of UHPC as a main material for superstructure of pedestrian bridges

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The main topic of paper will be practical use of UHPC as main material for superstructure of pedestrian bridges. Three practical examples of real pedestrian bridges will be presented – first is segmental single span bridge (completely made by UHPC segments), the second is cable stayed pedestrian bridge also with superstructure made by UHPC segments and the last one is low raised arch with external prestressing tendons. Information about design (material and structural analysis, details solutions and construction stages) will be described and presented.