

TECHNOLOGY OF EXECUTION FOUNDATIONS AND PIERS OF THE BRIDGE “MORAČICA” ON THE HIGHWAY BAR – BOLJARE

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Abstract: *This paper presents technology of execution– method of statement for the piers of the bridge Moračica on the highway Bar-Boljare – priority section Podgorica – Mateševo, built by Chinese company CRBC. Besides other participants in the construction, the Government of Montenegro has created the Committee for comparative technical work examination during the execution, due to importance of the structure that is under construction. Thereby, the Committee for technical examination, bears in mind the process of construction and has the possibility to perceive all the positions of works which are closing, that is after the construction of structure are not available by visual inspection. The Committee simultaneously monitors and analyzes all the necessary technical documentation which would be the subject to the usual technical inspection after construction. Since this approach is a novelty in our area, we thought it would be interesting to present it to competent public. This paper consists of bridge data, technology of execution, dynamics of completion of works to span structure, which execution is followed by completion of piers. The applied procedure and the data obtained during the implementation of this part of the project may be of use to a wide range of civil engineers engaged in similar activities.*

Keywords: *Piers, scaffold and formwork, maintaining the reinforcement, diaphragm, concrete transport.*