

**PRORAČUN GORNJEG STROJA ŽELJEZNIČKIH PRUGA U SKLADU SA OSNOVNIM  
PARAMETRIMA TEHNIČKIH SPECIFIKACIJA ZA INTEROPERABILNOST (TSI)**

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Sažetak:	U ovome radu, za novu trasu pruge Visoko-Konjic i eksploatacionu brzinu voza od 120km/h, izvršen je proračun elemenata gornjeg stroja. Proračun je izvršen na dva načina, prvi, prema važećim propisima u Bosni i Hercegovini i pravilima struke te drugi prema preporukama datim u tehničkim specifikacijama za interoperabilnost (TSI). Kroz rad su opisani svi elementi gornjeg stroja kao i njihov proračun. U konačnici izvršena je analiza rezultata proračuna po navedenim metodama, kao i sa aspekta troškova. Na osnovu analize dati su zaključci i preporuke.
Ključne riječi:	gornji stroj, šine, pragovi, kolosiječni pribor, zastor, interoperabilnost.

**CALCULATION OF SUPERSTRUCTURE OF RAILWAY ACCORDING TO BASIC  
PARAMETERS OF THE TECHNICAL SPECIFICATIONS FOR INTEROPERABILITY  
(TSI)**

Summary:	In this paper, for the new route of the Visoko-Konjic railway and the operational speed of the train of 120 km/h, the calculation of the elements of the superstructure was performed. The calculation was performed in two ways: the first, according to the current regulations in Bosnia and Herzegovina and the rules of the profession, and the second according to the recommendations given in the technical specifications for interoperability (TSI). The paper describes all the elements of the upper machine as well as their calculation. Finally, an analysis of the calculation results was performed according to the mentioned methods, as well as from the aspect of costs. Based on that, conclusions and recommendations are given.
Keywords:	superstructure, rails, sleepers, track accessories, curtain, interoperability.