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EVALUACIJA UTICAJA NA OKOLIŠ PRI IZVOĐENJU ZEMLJANIH RADOVA NA KORIDORU VC

Sažetak:

Uticaj na okoliš odražava promjene u okolišu nastale korištenjem i opterećivanjem okoliša. Saobraćajnice općenito predstavljaju stalni izvor zagađenja okoliša i narušavanja njegovog prirodnog okruženja. Uticaj na okoliš se manifestuje na više načina i u dužem vremenskom periodu, tokom izgradnje i eksploatacije saobraćajnica. U skladu s tim, potrebno je izvršiti evaluaciju uticaja na okoliš već od same faze izgradnje, što je predmet ovog članka.

Na autoputu Koridor Vc nalazi se niz zahtjevnih infrastrukturnih objekata u BiH, koji u velikoj mjeri korištenjem i opterećivanjem okoliša izazivaju negativne promjene. U zavisnosti od morfologije terena, položaja nivelete trase i blizine naseljenih područja, trasa Koridora Vc često prolazi kroz visoke zasjeke, duboke usjeke i tunele iz kojih se iskopavaju ogromne količine zemljanog materijala koji u konačnici završava kao građevinski otpad na deponijama. Također, u visoke nasipe se ugrađuju ogromne količine materijala, najčešće sa pozajmišta materijala (kamenoloma).

Dakle, uticaj na okoliš tokom izgradnje autoputa je neminovan, ali se može znatno umanjiti. Jedan od jednostavnijih načina je mogućnost proširene upotrebe materijala nastalog iskopavanjem zasjeka, usjeka i tunela, čime bi se reducirao broj i obim deponija građevinskog otpada. Također, umanjila bi se potreba za proširenjem postojećih i otvaranjem novih pozajmišta materijala. U prilog navedenom idu i tehničko-tehnološki uslovi izvođenja i važeći propisi koji detaljno daju smjernice o upotrebljivosti različitih kategorija zemljanog materijala iz iskopa, a sve u skladu sa uslovima EU.

Ključne riječi:

Koridor Vc, uticaj na okoliš, propisi, materijal nasipa, građevinski otpad, pozajmišta materijala.

EVALUATION OF ENVIRONMENTAL IMPACT DURING THE PERFORMANCE OF CONSTRUCTION WORKS ON CORRIDOR VC

Summary:

The environmental impact reflects in the changes in the environment which are resulting from the use of the environment. Roads generally represent a constant source of environmental pollution as well as disturbance of the natural environment. The impact on the environment is manifested in several ways over a longer period of time, mostly during the construction and exploitation of roads. Consequently, it is necessary to evaluate the environmental impact starting from the construction phase, which is the main subject of this article.

Series of demanding infrastructure facilities in B&H are situated on the highway Corridor VC, which are causing negative environmental changes due to the large use and burdening of the environment. Depending on the morphology of the terrain, the position of the vertical alignment of the route and proximity to populated areas, the Corridor VC often passes through tunnels, from which huge amounts of soil was excavated, which ultimately ends up as a construction waste at landfills. Also, a huge amounts of material are built in the high levees, mostly from borrow pits (quarries).

Therefore, the environmental impact during the construction of the highway is unavoidable, but it might be significantly reduced. One of the simplest ways is the possibility of expanded use of materials resulting from excavation of cuts and tunnels, which would reduce the number and amount of construction waste landfills. It would also reduce the need for expansion of existing pits as well as the opening of new ones. This statement is also supported by technical possibilities of execution and existing regulations that provide detailed guidance on the applicability of various categories of soil from excavation, according to the terms of EU.

Key words:

Corridor VC, environmental impact, regulations, embankment material, construction waste, borrow pits.

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