



Neđo Đurić<sup>1</sup>

## **ZNAČAJ GEOLOŠKIH ISTRAŽIVANJA KOD IZGRADNJE AUTOPUTEVA NA PRIMJERU KORIDORA VC, DIONICA SVILAJ - DOBOJ**

### **Sažetak:**

*Autoputevi kao linijski objekti prolaze kroz terene različite geološke građe i morfoloških karakteristika. Step en istraživosti terena ne može se postići kao kod drugih objekata koji se grade na manjem prostoru. Zbog toga je važno provesti istraživanja u mjeri koja su dovoljna da se definišu karakteristika terena, ostavljajući prostora da se dio istraživanja može provesti u fazi izgradnje objekata.*

*Istraživanje terena za autoputeve pored trase, obuktata i objekte na trasi, kao i tunele, ukoliko prolaze kroz brdsko planinske predjele. Za svaku vrstu objekata neophodno je provesti određena istraživanja koja se po obimu i vrsti razlikuju. Zbog značaja autoputeva, doneseni su posebni propisi neophodnih istraživanja terena, sa mogućnošću da se istraživanja mogu usmjeravati i dopunjavati u zavisnosti od karakteristika terena.*

*Autoput koridor Vc, od Svilaja do Doboja polazi od rijeke Save i prolazi dolinom rijeke Bosne sve do Doboja kada se odvaja tunelima i djelimično udaljava, prelazeći iz terena aluvijalno plavnih ka brdsko planinskim. Provedena istraživanja opredijelila su položaj trase i način temeljenja objekata na trasi.*

### **Ključne riječi:**

*autoput, geološka istraživanja, trasa, objekti na trasi*

## **IMPORTANCE OF GEOLOGICAL RESEARCH IN THE CONSTRUCTION MOTORWAY ON THE EXAMPLE OF CORRIDOR VC, SECTION SVILAJ - DOBOJ**

### **Summary:**

*Highways as line objects pass through terrain of various geological structure and morphological characteristics. The degree of exploration of the terrain can not be achieved as it is at other facilities that are built in smaller areas. Therefore it is important to conduct research to the extent that is sufficient to define the characteristics of the terrain, leaving space for part of the research to be carried out during the construction of buildings.*

*Research of the terrain for highways near the route includes facilities along the route, as well as tunnels, if passing through hilly and mountain areas. For each type of object it is necessary to carry out certain studies that differ in size and type. Due to the importance of highways, special legislation that are necessary for field research were adopted, with the possibility for research to be guided and supplemented depending on the characteristics of the terrain.*

*Highway Corridor Vc from Svilaj to Doboj begins on the Sava River and passes through the valley of the river Bosna to Doboj where it is separated with tunnels and partly moved away, crossing from the alluvial floodplain to hilly and mountainous terrain. Conducted research have committed route position of the foundations of buildings along the route.*

### **Key words:**

*highway, geological research, route, facilities on the route*

<sup>1</sup> Prof. dr Neđo Đurić, dipl. inž. geol. Tehnički institut Bijeljina, e.mail. [nedjo@tehnicki-institut.com](mailto:nedjo@tehnicki-institut.com)