

S. Riffel, dipl.ing ; - HeidelbergCement Technology Center GmbH, Leimen Germany
E. Wagner, dipl.ing. - HeidelbergCement Technology Center GmbH, Leimen Germany

POSEBNA RJEŠENJA ZA PUTEVE NA BAZI HIDRAULIČKI VEZANIH MATERIJALA - NOVI POGLED NA OBNOVU I POBOLJŠANJE INFRASTRUKTURE

Putevi (ceste) su dominirajući faktor za rast i razvoju svakog društva. Dobro razvijena i infrastruktura koja se kontinuirano održava je okosnica industrije i trgovine.

Strateško investiranje u infrastrukturnu mrežu će rezultirati ekonomskim rastom od povećanja prevoza i pokretljivosti radne snage, te će poboljšati državnu konkurentnost.

Beton nudi dugotrajna infrastrukturna rješenja sa kapacitetima visoke teretne nosivosti, sposobnosti odupiranja najsurovijim vremenskim neprilikama i povećanja saobraćaja.

Posebna betonska rješenja u cestovnoj primjeni podrazumijevaju trajno ojačane betonske ceste, vodopropustljiv beton protiv akvaplaninga kao i rješenja za popravke poput popločavanja sistema, brzog očvršćavanje betona za brze opravke ili čak kombinacije asfaltnih slojeva ojačanih cementnim emulzijama.

Izdržljivost infrastrukturnih rješenja je ključ za praćenje budućih saobraćajnih izazova i ona će dominirati u odlukama o investicijama. U budućnosti će decenijski troškovi održavanja postati određujući faktor budućih infrastrukturnih rješenja umjesto početnog investiranja u ceste.

SPECIAL SOLUTIONS FOR ROADS ON BASE OF HYDRAULICALLY BONDED MATERIALS – A NEW PERSPECTIVE ON INFRASTRUCTURE REHABILITATION AND UPGRADE

Roads are a dominating factor for the growth and development of any society. Well developed and continuously maintained infrastructure is the backbone of industry and trade.

Strategic investment into infrastructure network will result in economic growth from increased freight and workforce mobility and will improve national competitiveness.

Concrete offers long lasting infrastructural solutions with high load bearing capacities able to withstand harshest weather conditions and increasing traffic.

Special concrete solutions in road applications include continuously reinforced concrete roads, pervious concrete against aquaplaning, as well as repair solutions like whitetopping, fast hardening concretes for overnight repair or even combinations of asphalt layers strengthened by cementitious slurries.

Durability of infrastructure solutions is the key to keep pace with future traffic demands and will dominate the investment decisions. Not the initial investment into a road but the maintenance costs over decades will become the determining factor for infrastructural decisions in future.