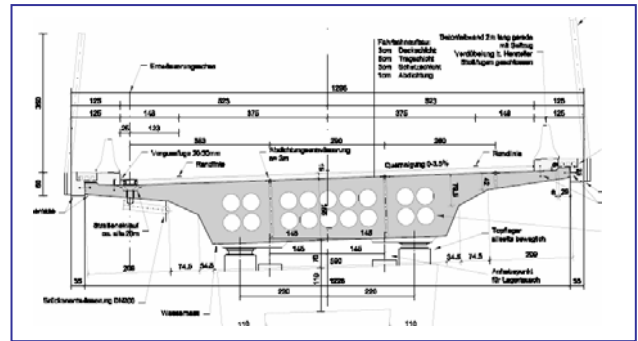


Roadbridge Klosterneuburg B14

Owner: County Niederösterreich

Structural Eng.: Stella & Stengel und Partner

Appr. Engineer: Schwarz & Partner



Execution Details

Product: CBCM-E-450 in 2 layers

Number of void formers: 6'400 pieces

Span: ~40m pier spacing

Cross section height: up to 155 cm



Benefits

Application reason: bridge building

Concrete reduction (total): ~400 m³

Load reduction (total): ~1'000 to

Reduction of CO₂ emissions: 84 t



Special features

Integration of cobiax components in 2 layers

Cobiax as special solution instead of system with integrated tubes to achieve load reduction

Bridge structure calculated as box beam – execution with closed load-bearing structure – leads to less maintenance costs - no need to check the interior cavities



Contractor

Arge STRABAG – Züblin

Year of completion

2008

