



SS-2016-016-MC

Design and Dimensioning of Precast Slab Bridge Decks using lightweight TRC
(*Entwurf und Bemessung von Fertigteilbrückenplatten aus TRC*)

Textile reinforced concrete features not only high strength, but also the possibility to reduce the self-weight of the structure. The aim of this study is to review the state of knowledge on TRC applications for bridge decks and a parametric design study for a defined span range and traffic usages (loadings).

This topic is available only as a Master's Thesis.

Ansprechpartner / contact person: Dr.-Ing. Frank Jesse

Tel.: 03591 6703-657

Jesse.Frank@hentschke-bau.de

Dr.-Ing. Patricia Garibaldi

Tel.: 0351 463 33745

Patricia.Garibaldi@tu-dresden.de

