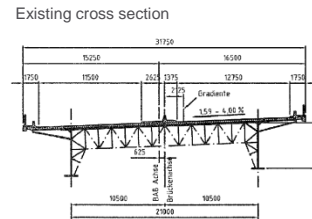


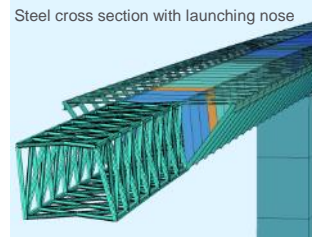
RAHMEDE VIADUCT, MOTORWAY A 45



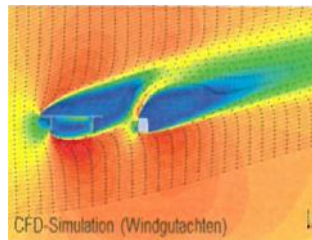
Existing



Existing cross section



Steel cross section with launching nose



CFD-Simulation (Windgutachten)

Replacement Structure of Rahmede Viaduct Motorway A 45, BW 712, Germany

Project period
2015 - 2017 / 2018 - 2021

Services provided
Engineering structure: Basic investigations, preliminary and design planning; Structural design: Preliminary, design and execution planning; Demolition and lateral launching concept, subsoil investigations, wind assessment

Technical details
Demolition of the existing prestressed concrete bridge and new construction of a 5-span prestressed concrete bridge;
Length of bridge: 453 m
Bridge area: 16 300 m²
Maximum span: 105.5 m
Height above valley: up to 70 m

