













### Bridges

Road Bridges Railway Bridges Footbridges



## Towers

Office + Residential Towers Lookout Towers



#### Facades

Glass Facades Cable-net Facades Carbon Fiber Facades



# Buildings

Administrative + Residential Research + Education Museums + Culture Airports + Railway Stations Trade Fairs + Industry



### Special Structures

Cable/Cable-net Structures Shell Construction Lightweight Glass-Steel Structures Freeform Structures



#### Artwork

Installations Sculptures + Artworks Collaboration with Artists



## Sports Facilities, Roofs and Facades

Stadiums + Arenas Sports Halls Swimming Pools Multi-Purpose Venues



### Solar Energy

Photovoltaic Systems Solar Collectors Solar Updraft Towers



#### Moveables

Movable Stadium Roofs Movable Roofs Folding and Swing Bridges

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Geb. 1984 in Aachen
2005 – 2011 Studium Bauingenieurwesen am KIT
2010/2011 Praktikum bei sbp NY
2011 Diplomarbeit bei sbp Sonne Stuttgart
seit 2012 Tragwerks- & Objektplanerin/Projektleiterin bei sbp



Vorstellung









Tuttlingen



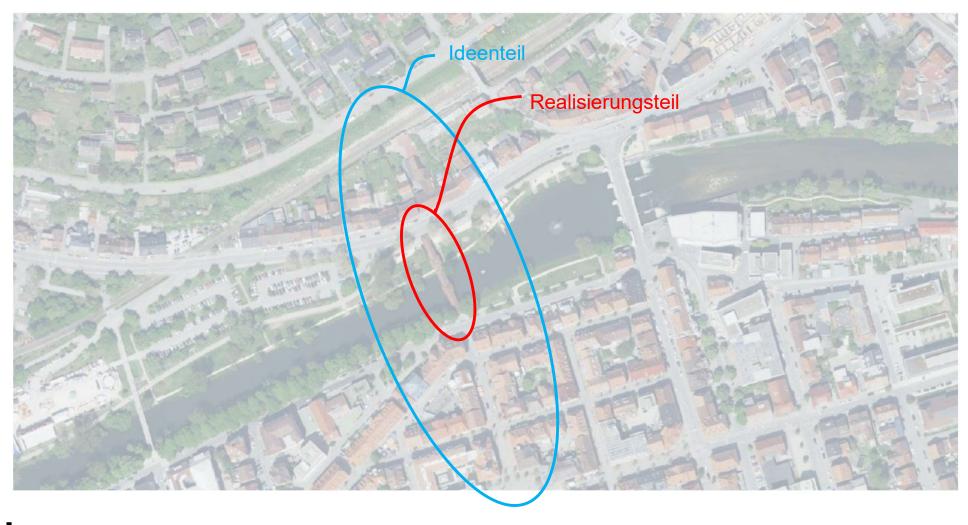


Alter Rathaussteg - Holzkonstruktion von 1925





Alter Rathaussteg – Verstärkung in 2018





2019: Realisierungswettbewerb mit Ideenteil



sbp schlaich bergermann partner

Wettbewerbsbeitrag Ideenteil



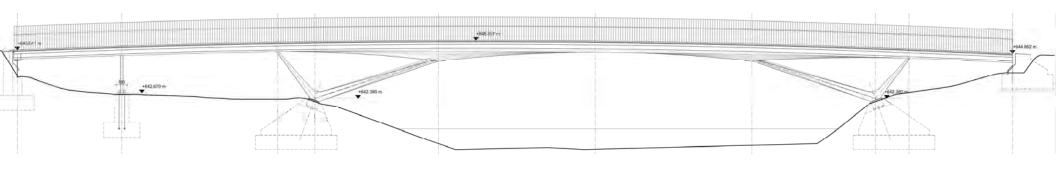


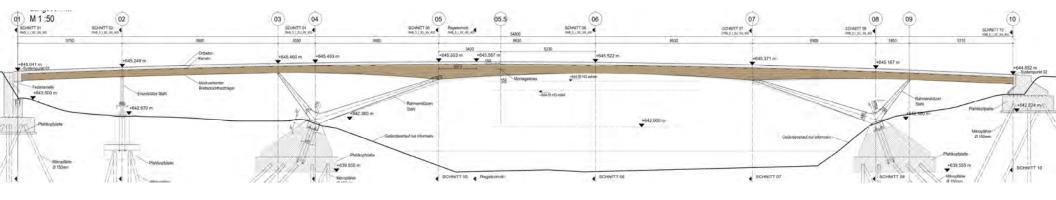
Wettbewerbsbeitrag Realisierungsteil - sbp mit BHundF Architekten





Wettbewerbsbeitrag Realisierungsteil - sbp mit BHundF Architekten

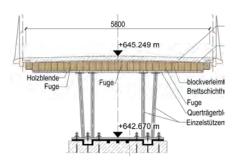


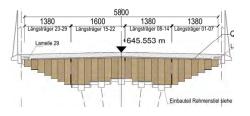


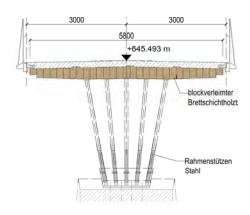


Längsschnitt





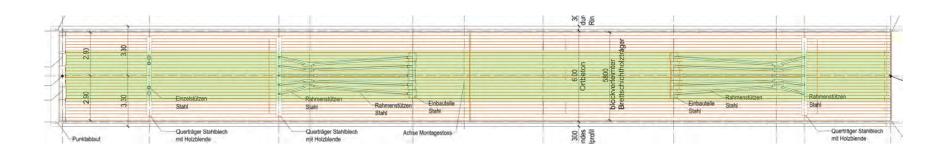


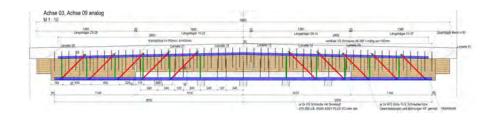


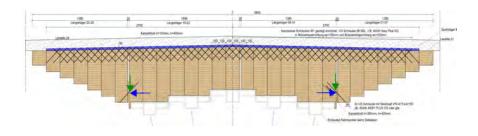


Querschnitte

11







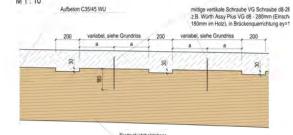


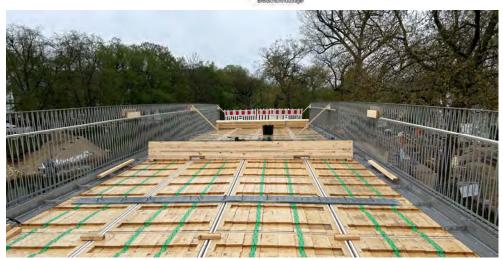


Konstruktionsprinzip in Querrichtung



# Regelschnitt Kervendetails M 1: 10







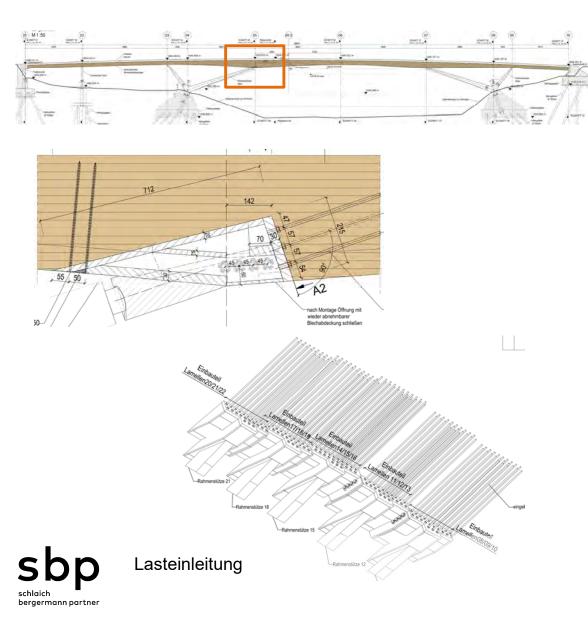
Schubverbund

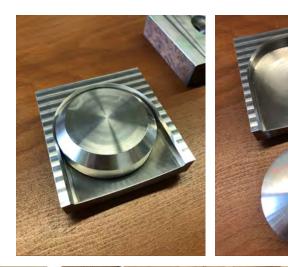










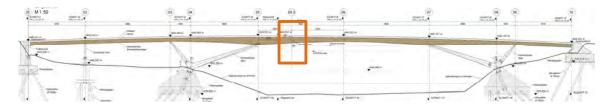


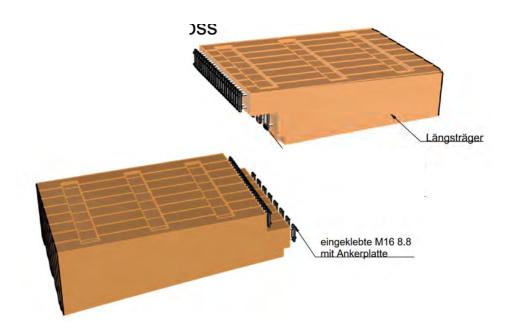










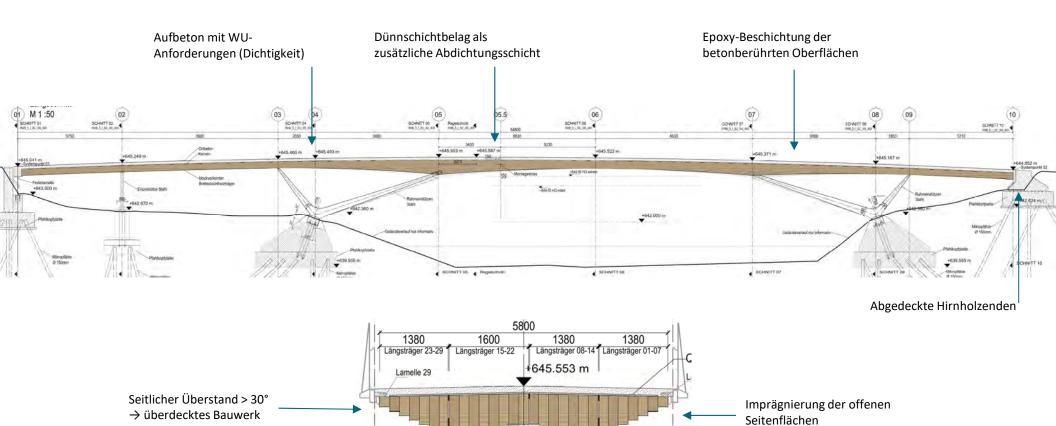




Montagestoß







Einbauteil Rahmenstiel siehe

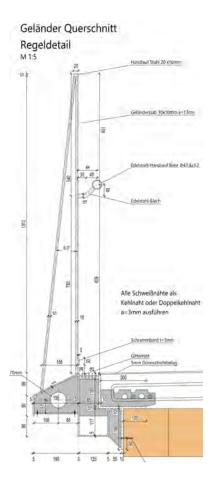


Konstruktiver Holzschutz

Beschränkung der

Querschnittsabmessungen

Gehobelte Oberflächen





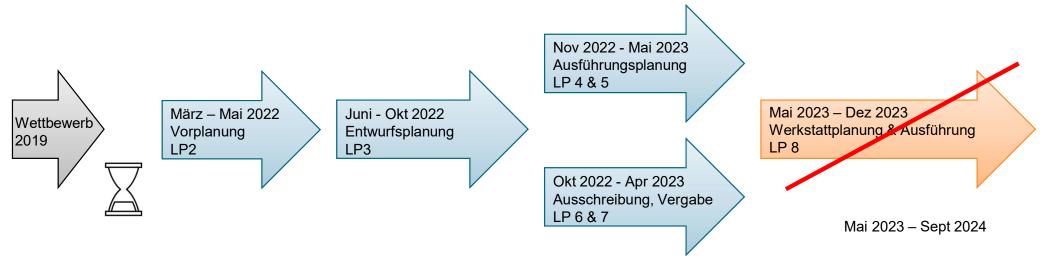






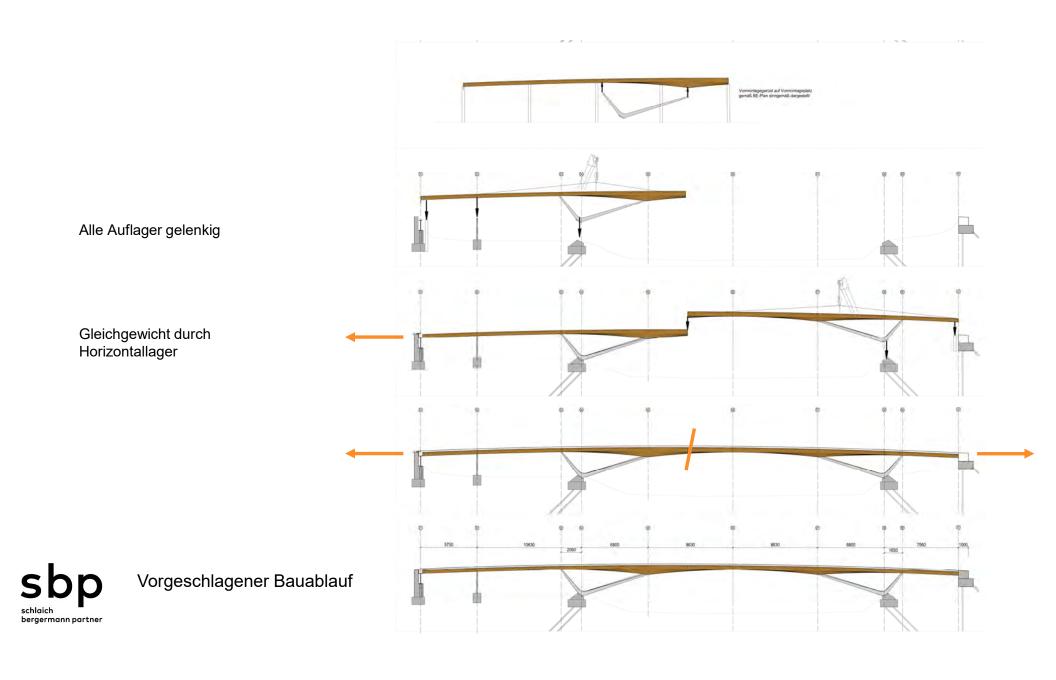
Beleuchtung



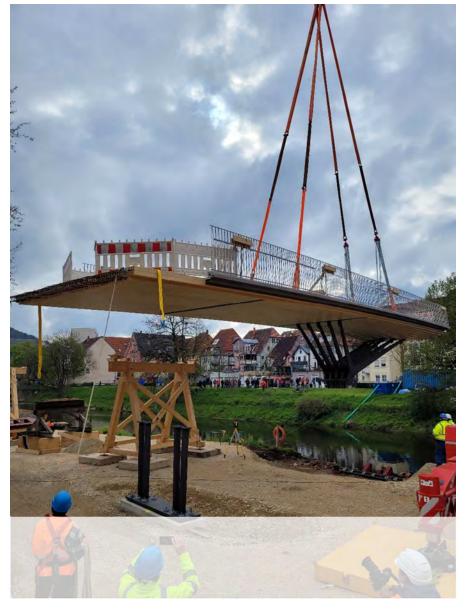




Time line







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Vormontage und erster Einhub





Sbp Vormontage und erster Einhub





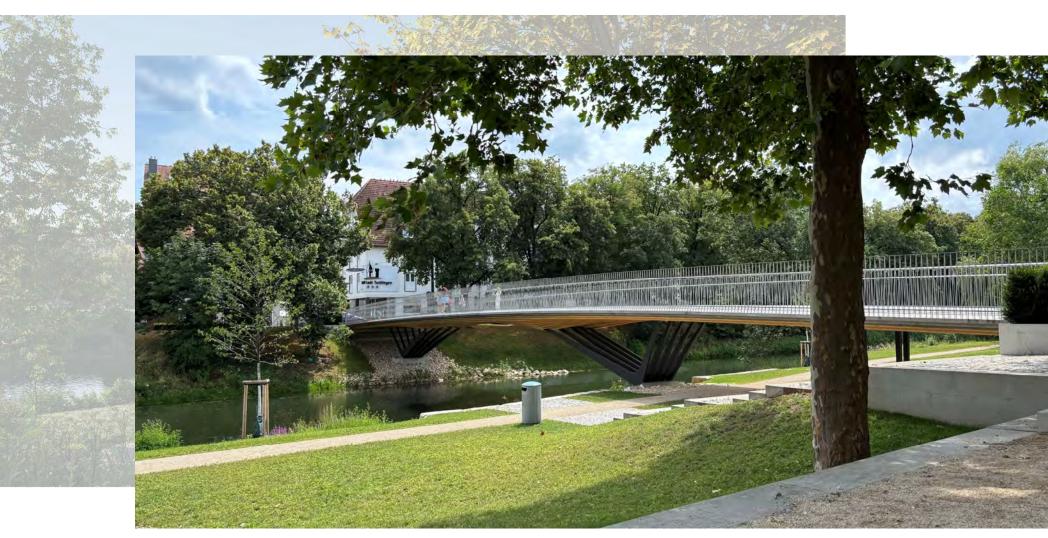








Rendering LP2





Rathaussteg heute