

Bridge across the Lockwitz Valley – Dresden, Germany



Type: Highway

Location: Dresden, State of Saxony

Completion Date: July 2005

Owner: Federal Republic of Germany

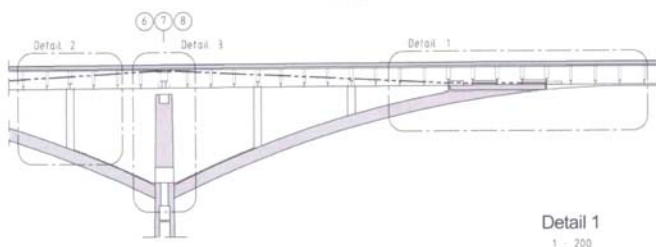
Architecture: Leonhardt, Andrä und Partner

Engineering: Leonhardt, Andrä und Partner

Steel Fabricator: Stahlbau Plauen

- Total tonnage of 5500 t
- Total length of 723m
- Total width of 29.5 m
- Span length :
48 + 60 + 65 + 70 + 85 + 125 + 125 + 85 + 60m
- Construction depth 3.00m
- Steel box erected by incremental launching with an auxiliary pier in the two main spans
- Arches constructed by the free cantilever method with auxiliary cables
- During construction, part of the concrete and formwork weight were carried by the steel box

Part of the longitudinal section of the arch
1 : 500



Cross section arch support
1 : 200

