IABSE

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1. 2. 3. 4.	(Structural Safety) (Serviceability) (Economy considering Life Cycle Cost) (Beauty)	
4가 Key Word	•	
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Total Life Cycle Cost

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1.
(Integration into the environment)
2. 7
(Fulfillment of purpose-function)
3.

(Order and unity of the structure)

4. , (Color, surface texture and Light)

5. (Character)

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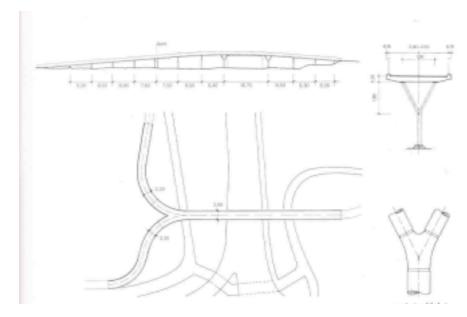


Stuttgart J. Schleich (Schleich)

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(Lightness and Transparence)
 (Filigree)
 (Diversity and Manifoldness)
 (Harmony with Natural Environment)

The Sindelfingen footbridge

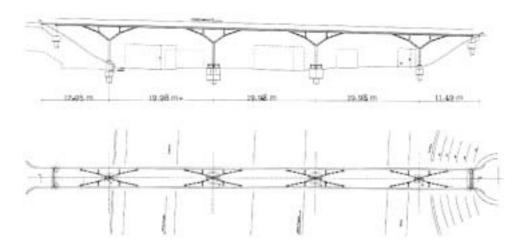






The Paragsattel II footbridge







Pre-assembly of a tree-column from tubes with cast steel joints

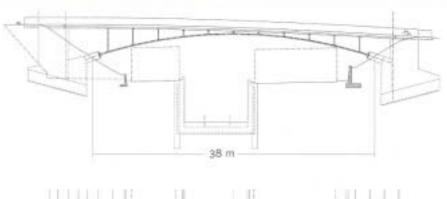


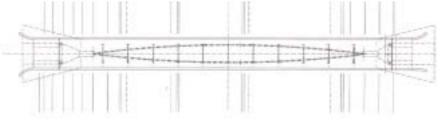


The Paragsattel I footbridge

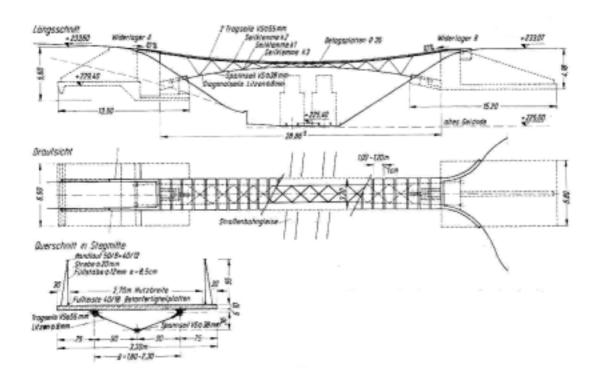








Rosenstein II



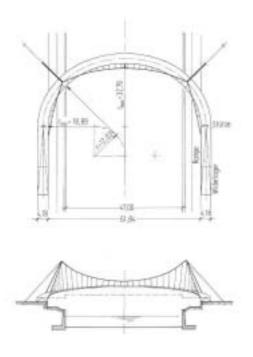








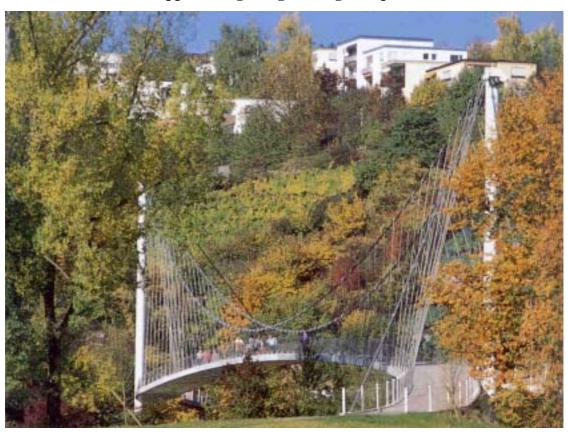
Kelheim footbridge

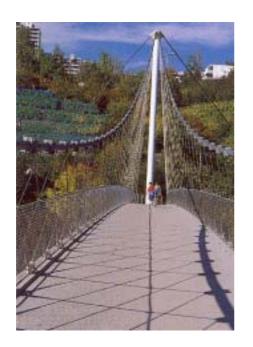






Approaching bridge through the park





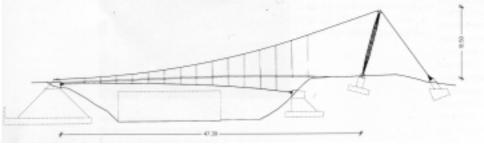






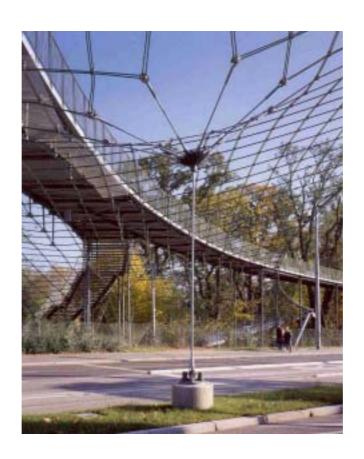
The Kochenhofstrabe footbridge





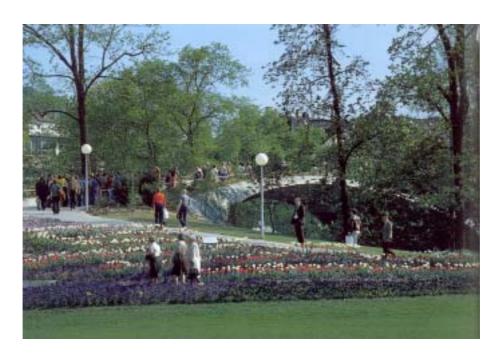
The Nordbahnhof crossing

















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- Fritz Leonhardt; Briges,
 Aesthetics and Design
 The Architectural Press: London, 1982
- 2) The Art of Structural Engineering The Work of Joerg Schleich and his Team Edition Axel Menges, Stuttgart/London,1997
- Esthetics in Concrete Bridge Design Editors; Stewart C. Watson and M.K. Hurd Aci MP-1, 1990
- 4) The Architecture of Bridge Design David Bennett Thomas Telford Publishing, 1997