Excursion Summer School 2014 – Bridges in Thuringia
Saturday, 2014-08-23, 08:00 – 17:00
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Meeting Point:  Dorint Hotel Weimar, Beethovenplatz (front side, main entrance)

Meeting Time:  07:50 !!!
Departure:  08:00 !!!
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Equipment:  
- robust shoes
- robust clothes (weather-adjusted)
- helmet (BUW)
- safety west (BUW)
- flashlight/ lamp (“smartphone app”)

Weather forecast:  
15°C
cloudy, occasional rain shower
windy (especially on the high bridges)

Instruction:  
signed “Exclusion of liability“

Group disposition:  
2 groups, each approx. 20 persons + 4 tour guides

Time schedule:
08:00   departure
09:00 – 12:00    excursion part 1 (2 bridges)
12:00 – 13:00    lunch break
13:00 – 16:00    excursion part 2 (2 bridges)
approx. 17:00    arrival

Lunch break:  
paid by BUW, menu list (3 menus for choose)
Bridge 1: Talbrücke “Altwipfer Grund” – Unique superstructure
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**Overall Length:** 280 m  
**Width:** 28.5 m  
**Height over ground:** 35 m  
**Material:** Pre-stressed concrete  
(plate of box girder)  
External tendons  
Steel (web of box girder, trapazoid metal plate)  
**Construction method:** Cantilever erection
Bridge 2: Talbrücke “Zahme Gera” – Integral bridge
Bridge 2: Talbrücke “Zahme Gera” – Integral bridge

Overall Length: 520 m
Span length: 115 + 145 + 145 +115 m
Width: 29 m
Height over ground: 63 m
Material: Pre-stressed concrete (external tendons)
Construction method: Cantilever erection
Bridge 3: Talbrücke “Wilde Gera” – Arch bridge (highest arch bridge in Germany)
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Bridge 3: Talbrücke “Wilde Gera” – Arch bridge (highest arch bridge in Germany)

Overall Length: 552 m
Arch span length: 252 m
Width: 27 m
Height over ground: 110 m
Material: Concrete (arch, pylons), Steel (box girder)
Construction method: Cantilever erection (arch), Incremental launching (box girder)
Bridge 4: Talbrücke “Haseltal” – Multi span bridge with very large spans
Bridge 4: Talbrücke “Haseltal” – Multi span bridge with very large spans

- **Overall Length:** 845 m
- **Max. span length:** 175 m
- **Width:** 29 m
- **Height over ground:** 82 m
- **Material:** Concrete (arch, pylons), Steel (box girder)
- **Construction method:** Incremental launching