

Selected projects
of
Johann Wagner, DI

- Title **Stampfgraben Bridge**, Carinthia, Austria – Project engineer.
- Client Ingenieurbüro Zimmermann, Carinthia, Austria.
- Services Structural analysis and design checks according to Ö-Norm.
- Description Arch bridge made of reinforced concrete with a span width of 112m.



- Title **By-pass Sulz**, Germany – Project engineer.
- Client Harrer Ingenieure, Karlsruhe, Germany.
- Services Structural analysis and design check according to DIN, pre-camber calculation, determination of stressing force of the hanger.
- Description Curved arch bridge with two steel arches and a track supporting layer made of pre-stressed steel and concrete.



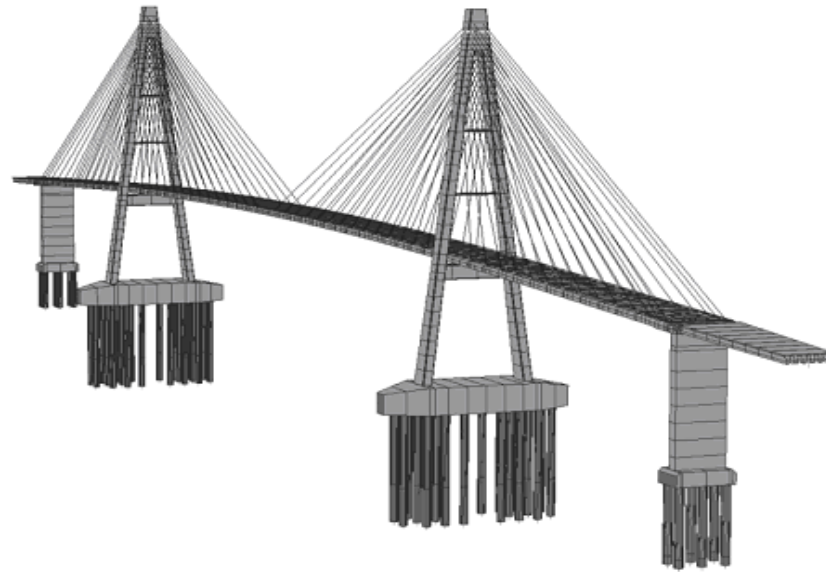
- Title **P19** – Lavanttalbridge, Carinthia, Austria – Project engineer.
- Client FCP, Vienna, Austria.
- Services Structural analysis and design check according to Austrian Standards, pre-camber calculation, and evaluation of earthquake.
- Description 6-span balanced cantilever bridge and cross section box girder and 3-span steel-concrete composite bridge.



- Title **Ma Chang Bridge**, South Korea – Project engineer.
- Client Hyundai Engineering, South Korea.
- Services Structural analysis and design check according to Austrian Standards, pre-camber calculation, evaluation of earthquake, Wind – Buffeting calculation.
- Description Cable stayed bridge with a span width of 400m and 11 span approach viaduct. The main girder is a construction of prestressed steel and concrete.



Title **Rach Mieuh Bridge**, Vietnam – Project director.
Client MOT (Ministry of Transportation), Vietnam.
Services Analysis.
Description Cable stayed bridge with a span width of 280m. The longitudinal girder is a pre-stressed concrete box girder.



Title **Wadi Abdoun Bridge**, Jordan – Project engineer.
Client VSL Switzerland
Services Structural analysis, pre-camber calculation, fabrication shape of the precast segments, evaluation of earthquake.
Description 4-span extradosed bridge with pre-stressed concrete.



- Title **SIK Bridge**, Malaysien – Project engineer.
- Client VSL Singapore.
- Services Structural analysis, pre-camber calculation.
- Description Cable stayed bridge with a span width of 280m and composite deck.



- Title **Shenzen Western Corridor**, Hong Kong, China – supportive engineers services.
- Client VE ARUP Hong Kong.
- Services Structural analysis, pre-camber calculation.
- Description Cable stayed bridge with a span width of 380m and composite deck.



Title **Suspension bridge**, Spain – Project engineer.
Client Pedelta, Barcelona, Spain.
Services Structural analysis, geometry finding, dynamical calculation.
Description Suspension bridge made of carbon fibre profiles.

