

NEW SHOUGANG BRIDGE – BEIJING – CHINA

New Shougang River Bridge (Beijing)

The design of the bridge is from the Belgian architect *Nicolas GODELET* of Beijing Gejian Architectural Design Consulting Co. Ltd. and living in Beijing. It is an entirely welded steel structure with 45,000 tonnes of steel plates (more than for the National Stadium “Bird's Nest”).





Coating with ZINGA started in 2017. In total 182 tons of ZINGA was used (internal and external of steel structure).

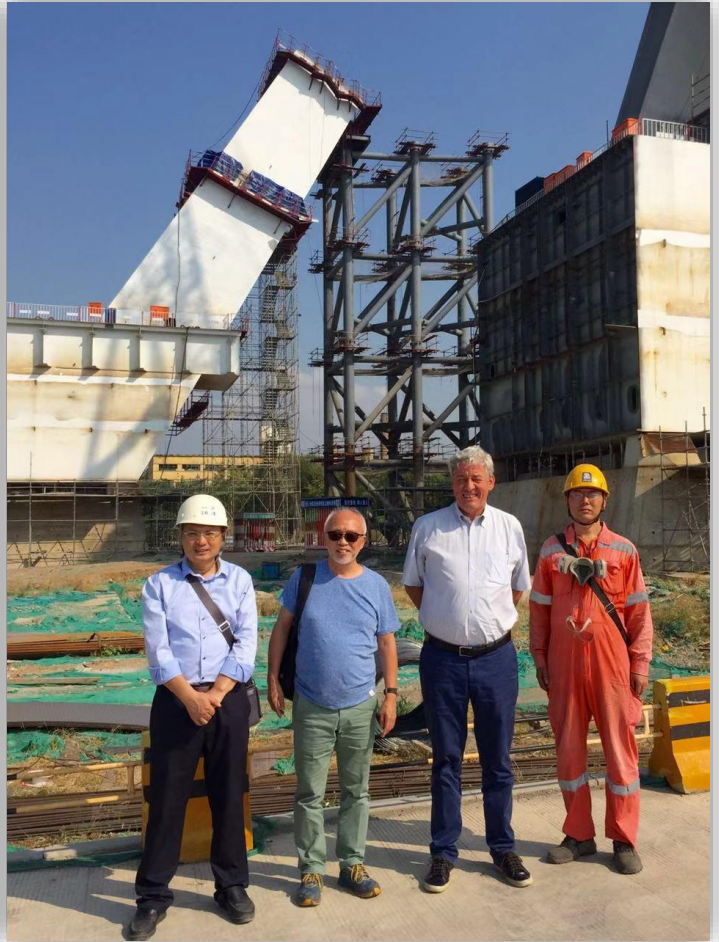
It is the world's first twin-tower cable-stayed steel composite bridge. 1,354 meters in length and 54.9 meters in width.

It is the highest bridge in Beijing City with two distinct steel arch towers of 125 and 90 meters, 4 lanes in both directions, and it is the widest bridge in China.

The bridge opened to traffic on 29 September 2019.



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Surface preparation:

Blast cleaning to Sa 2.5

Surface roughness profile:

Rz 70 – 100 μm

System:

- External: ZINGA 1 x 60 μm DFT + AkzoNobel I.P. mid- and topcoats
- Internal: ZINGA 1 x 80 μm DFT