

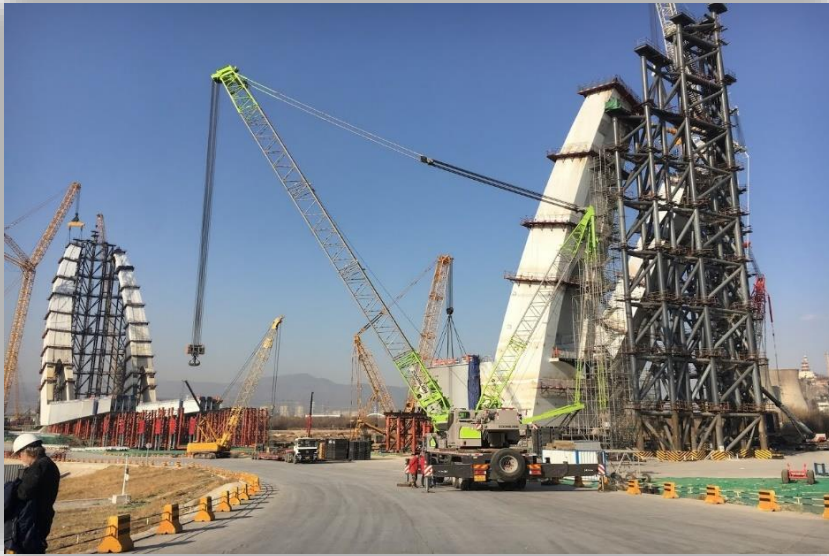
NEW SHOUGANG BRIDGE – BEIJING – CHINA

New Shougang 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”). On July 17th, 2020 this bridge won the Award of Merit for design and construction in the Bridge/Tunnel category of the ENR 2020 Global Best Projects competition.

(ENR = Engineering News-Record – www.enr.com)





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 m in length and 54.9 m 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