

What types of bridges are included in China's large-scale cable trays



Overview

Bridges in China can be divided into three types, namely girder bridges, arch bridges, and cable-supported bridges (including cable-stayed bridges and suspension bridges). Girder bridges and arch bridges make up almost 70% and 30%. In the span of a single generation, China has redefined the limits of civil engineering, transforming itself from a nation reliant on foreign bridge-building expertise to the undisputed architect of the world's most audacious crossings. Across mist-shrouded gorges, typhoon-whipped straits and. This list of bridges in China includes notable bridges. China has a long history in bridge construction. Bridge spanning capacity has been continuously improved. Girder bridges with main span of 330 m, arch bridges with main span of 550 m, cable-stayed bridges. The Chengdu-Kunming railway, which has 427 tunnels and 653 bridges, was built in 12 years by soldiers and prisoners who could be shot for sloughing off on the job. After being inspired by and learning from the foreign experiences on. The main construction tasks for the Xiaobangwan Bridge, part of the main passageway at Zhoushan Port in Ningbo, East China's Zhejiang Province, is successfully completed on November 23, 2020.



Article Content

Nov 12, 2025

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Summary In response to continuous economic development over the past 30 years, China has mobilized a program of large scale bridge construction. The technology of various types of bridges,

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China's Experience with High Speed Rail Offers Lessons for Other

China's Medium- and Long-Term Railway Plan looks up to 15 years ahead and is complemented by a series of Five-Year Plans. In China, high-speed rail service is competitive with

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China's mega bridges: build smarter, build higher, build

A study published in China's Journal of Transport Science and Engineering reveals the scale of this metamorphosis. By 2030, the world's

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List of bridges in China

This list of bridges in China includes notable bridges. China has a long history in bridge construction. The oldest bridge still in existence in China is the Anji Bridge,

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Explore #HowChinaCan build the most bridges in the world

China is home to the world's highest bridge, longest sea-crossing bridge and 90 out of the 100 highest bridges built this century! In the 8th episode of our explainer series, we explore

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China's capacity for mega projects continues to reshape its economic landscape and technological frontier in 2026 and beyond.

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Modern bridges in China

This paper describes the technical progress of Chinese bridges, including bridge design, construction, maintenance and management, as well as the application of bridge health monitoring technology.

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Developments and Prospects of Long-Span High-Speed Railway Bridge ...

Three general types of composite structure bridges are used for long-span high-speed railway bridges in China. The first type is the deck-truss composite structure, in which the deck

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How China is building infrastructure megaprojects

One of the most famous projects is the Renzhou Bay Bridge, which has become the world's largest in length in its category. China is also building tunnels in the

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This paper briefly introduces China's major bridges, including girder bridges with spans greater than 200 m, arch bridges with spans greater than 400 m, cable-stayed bridges with spans greater than 600 m,

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The different types of bridges in China that rank top ten in the world, including the cable-stayed bridges, the suspension bridges, the arch bridges, and the sea-crossing bridges, are summarized in Tables 1

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Recent development of design and construction of medium and long

In addition, recently completed long-span bridges are reviewed to feature several innovative structural forms on the HSR of China, including steel truss arches and cable-stayed

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This 15-mile, \$6.7B bridge is a symbol of China's

To some observers, the building of these giant bridges in such close proximity is testament both to China's growing ambitions on the global stage and

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Design and construction of super-long span bridges in

Super-long span bridges demand high design requirements and involve many difficulties when constructed, which is an important indicator to

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Modern bridges in China

With the rapid economic development over the past decades, China has witnessed a significant development in the construction of all types of large-span and extra-long sea-crossing bridges, with

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China's Road and Construction Revolution: Innovations and Impacts

China's Road and Highway Construction: A Comprehensive Guide Introduction: China's road and highway construction sector is a massive undertaking, vital to its economic growth and

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Developments and Prospects of Long-Span High-Speed

Abstract and Figures With the rapid developments of the high-speed railway in China, a great number of long span bridges have been constructed to

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INFRASTRUCTURE IN CHINA: BRIDGES, TUNNELS

Five major bridges--including China's longest highway bridge, the 5,560-meter-long Huang He Bridge at Zhengzhou--were under construction during the mid-1980s,

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China's Belt and Road Initiative is the most expensive infrastructure project in history. Chinese companies are constructing roads, pipelines and railroads across the globe. But they are

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Recent Construction Technology Innovations and Practices for Large

The technological innovations of CFST arch bridges include cable-stayed fastening-hanging cantilevered assembly methods, new in-tube concrete materials, in-tube concrete pouring

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From traditional wooden arches to cross-sea marvels,

China's ancient bridge building wisdom of "bridges over water, corridors on bridges, and an integration of the two" has astonished the world.

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China's mega bridges: build smarter, build higher, build

Across mist-shrouded gorges, typhoon-whipped straits and sprawling urban megaregions, Chinese engineers are erecting structures that defy

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List of bridges in China

This list of bridges in China includes notable bridges. China has a long history in bridge construction. The oldest bridge still in existence in China is the Anji Bridge, constructed during the years between 595 and 605. During the infrastructure boom of the past two decades, bridge-building has proceeded at a rapid pace on a vast scale. Prior to the completion of the Wuhan Yangtze River Bridge in 1957, there were no bridges across the Yangtze River

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China's Digital Silk Road Initiative | The Tech Arm of the Belt and ...

China's Digital Silk Road is an essential part of its Belt and Road Initiative. This infoguide maps where it's happening and explains

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