

# ***Sidu River Bridge***



The **Sidu River Bridge** (Chinese: 四渡河特大桥; pinyin: Sìdù Hén Tad Cǎo) is a 1,222 m-long (4,009 ft.) [suspension bridge](#) crossing the valley of the [Sidu River](#) near [Yesanguan](#) in [Badong County](#) of the [Hubei Province](#) of the [People's Republic of China](#). The bridge was designed by CCSHCC Second Highway Consultants Company, Limited. And built at a cost of 720 million yuan (approximately US\$100 million). It opened to traffic on November 15, 2009.

## ***History***

- The Sidu River Bridge is a cable-stayed bridge that spans the Sidu River in the Liangshan Yi Autonomous Prefecture of Sichuan Province, China. It is the highest bridge in the world, with its highest pylon reaching 496 meters (1,627 feet) above the riverbed.

Sidu River Bridge, China

- The bridge was designed by the China Railway Major Bridge Engineering Group and built by the China Railway Construction Corporation. Construction began in 2004 and was completed in 2009.
- The bridge was built to improve transportation links between the east and west of China. It is also a major tourist attraction.

## ***Construction***

- The Sidu River Bridge is made of steel and concrete. The steel cables are made of 23,400 individual wires, and the concrete piers are made of 400,000 cubic meters of concrete.
- The bridge is 1,800 meters (5,906 feet) long and 496 meters (1,627 feet) high.
- The bridge has a main span of 1,700 meters (5,600 feet), which was the longest main span of any cable-stayed bridge in the world when it was built.

## ***Design***

- The Sidu River Bridge is a graceful and elegant structure. The cables are thin and delicate, and the bridge blends in with the natural landscape.
- The design of the bridge was inspired by the surrounding mountains and the river. The towers are similar to the peaks of the mountains, and the cables resemble waterfalls.
- The Sidu River Bridge is a popular tourist destination and is a must-see for any visitor to Sichuan Province.

Here are some additional details about the Sidu River Bridge:

- The bridge is open to both road and rail traffic.
- The bridge can withstand winds up to 250 kilometers per hour (155 miles per hour) and earthquakes up to 8 on the Richter scale.
- The bridge is a vital transportation link in China.
- The Sidu River Bridge is a National Key Cultural Protection Unit.