

Beipan River Shuibai Railway Bridge



The **Beipan River Shuibai Railway Bridge** was the [world's highest railway bridge](#) from 2001 to 2016. The bridge spans a deep canyon on the [Beipan River](#) near the city of [Liupanshui](#) in [Guizhou province, China](#). The [arch bridge](#), with a maximum height of 275 metres and a span width of 236 metres, was built in 2001 with the construction of the [Liupanshui–Baiguo railway](#). Here, the train runs on its highest speed.

History

- The Beipan River Shuibai Railway Bridge is a concrete arch bridge that spans the Beipan River in Liupanshui, Guizhou Province, China. It is the highest railway bridge in the world, with its highest arch reaching 275 meters (902 feet) above the riverbed.

Beipan River Shuibai Railway 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 2001 and was completed in 2003.
- The bridge was built to improve transportation links between the east and west of China. It is also a major tourist attraction.

Construction

- The Beipan River Shuibai Railway Bridge is made of concrete. The arch is made of 32,000 cubic meters of concrete, and the piers are made of 20,000 cubic meters of concrete.
- The bridge is 1,680 meters (5,510 feet) long and 275 meters (902 feet) high.
- The bridge has a main span of 1,500 meters (4,921 feet), which was the longest main span of any railway bridge in the world when it was built.

Design

- The Beipan River Shuibai Railway Bridge is a graceful and elegant structure. The arch is slender 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 arch is similar to the peaks of the mountains, and the bridge resembles a waterfall.
- The Beipan River Shuibai Railway Bridge is a popular tourist destination and is a must-see for any visitor to Guizhou Province.

Here are some additional details about the Beipan River Shuibai Railway Bridge:

- The bridge is open to trains only.
- 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 Beipan River Shuibai Railway Bridge is a National Key Cultural Protection Unit.