

Article Overview

Cambodia's bridges are ranked primarily by span length, total length, and structural type, with notable examples including the Kizuna Bridge, Neak Loeung Bridge, and the Japanese Friendship Bridge.

Major Bridges and Their Rankings

Cambodia's bridges are often ranked based on span length (over 100 meters) or total length (over 500 meters) as a measure of engineering significance . Some of the most prominent bridges include:

- o Kizuna Bridge: The first bridge across the Mekong in Kampong Cham, notable for its long span and historical importance .
- o Neak Loeung Bridge: A modern cable-stayed bridge connecting Kandal and Prey Veng provinces, ranking among the longest in Cambodia .
- o Japanese Friendship Bridge: Severely damaged during the civil war, it was reconstructed and reopened in 1994, representing a key historical and structural landmark .
- o Cambodia-China Friendship Bridges: Numbered 1st through 8th, these bridges are ranked by their strategic importance and span across major rivers .

Classification by Structural Type

Bridges in Cambodia are constructed using various frame types, including:

- o Girder Bridges: Common for medium-length spans, often reinforced concrete or steel .
- o Cable-Stayed Bridges: Used for long spans like the Neak Loeung Bridge, providing high load capacity and aesthetic appeal .
- o Suspension Bridges: Less common but used in specific locations requiring long unsupported spans.
- o Wooden and Bamboo Bridges: Traditional or rural bridges, often temporary or seasonal, such as those in Koh Kong province .

Ranking by Length and Construction

A recent study using Landsat NDWI analysis classified Cambodian bridges into categories based on length and construction year, which helps in ranking bridges for maintenance and infrastructure planning . Bridges with longer spans and modern construction are generally prioritized for traffic and economic significance.

Notable Infrastructure Projects

- o National Road 10 Bridge in Pursat: Currently the highest bridge in Cambodia, connecting key national roads

Cambodian Bridge Frame Ranking

- o Mekong River Bridge (Phnom Penh-Kandal): Under construction, 3.7 km long, expected to significantly improve connectivity .
- o CRBC Projects: China Road and Bridge Corporation has contributed to major highway and bridge projects, including New Chroy Changvar Bridge and Koh Thom Bridge, enhancing Cambodia's infrastructure ranking .

Summary

Cambodia's bridge ranking is determined by span length, total length, structural type, and strategic importance. Modern cable-stayed and girder bridges dominate the top rankings, while historical and traditional bridges hold cultural and regional significance. Ongoing projects continue to improve the national bridge network, ensuring both economic and transportation benefits .

PHNOM PENH - Construction of the Cambodia-South Korea Friendship Bridge is due to start in the first half of 2025.

Spean Praptos (Khmer: ស្ទឹងប្រាប៌ត, also known as Kampong Kdei Bridge កំពង់ក្តើ) on the road from Angkor to Phnom

Cambodia's oldest and most trusted English-language newspaper. Breaking news, politics, business, and culture from

Vertical Alignment : Bridge type should be durable to withstand contemplated design loads based on the Cambodian Bridge Design

Kampong Kdei Bridge General Information The Kampong Kdei laterite bridge is an evidence

This study evaluates the effectiveness of an enhanced satellite-based method for estimating the construction years of

In 1998, the Infrastructure Development Institute (IDI) carried out the "Mekong River Bridge Project for National Road No. 1 in

The document is the Cambodian Bridge Design Standard from 1999. It provides amendments and additions to the Australian Bridge

Asian Development Bank

PREFACE In response to a request from the Royal Government of Cambodia, the Government of Japan

decided to conduct a basic

After the end of the civil war, roads and bridges were rehabilitated and constructed by GOC and multilateral donors. The pavement

One of the geotechnical investigations previously conducted in the vicinity of the proposed bridge and tunnel in the subject area is

All the bridges in the Cambodian database are classified into three categories based on length (which affects their

Media in category "Bridges in Cambodia" The following 24 files are in this category, out of 24 total.

Carriageway Side Walk Motorbike Lane Cambodian Japanese Friendship Bridge on NR-6 (Chruoy Changvar Bridge) 11.0 1.0 4.5

List of tallest buildings in Cambodia Phnom Penh, Capital City of Cambodia, Population 2.5 million 2025

Web: <https://www.in-au.co.za>

