

Article Overview

Myanmar is actively reconstructing and building bridges, including earthquake-resistant bent bridges, with government funding and international support from Japan and South Korea.

Recent Construction and Earthquake Recovery

Following the Mandalay earthquake on 28 March 2025, several bridges along key transport corridors, such as the Yangon-Mandalay Expressway, were damaged. The Swa Creek Bridge, for example, is being rebuilt with a design capable of withstanding earthquakes up to magnitude 8, incorporating soil improvement, geophysical surveys, steel plate girders, concrete decking, elastomeric bearings for seismic resistance, and erosion control measures. The return lane of the Swa Creek Bridge is scheduled for completion in June 2026, with the inbound bridge construction to follow, ensuring uninterrupted transport connectivity . Other bridges, including the Hmaukkhon Creek Bridge, have also been repaired .

Government Funding and National Plans

The Myanmar government has allocated K19 billion for the 2025-2026 financial year to construct 116 miles of production roads and 305 bridges across 115 villages, excluding certain northern and western states. This initiative aims to improve rural connectivity, support local economies, and enhance infrastructure resilience after natural disasters . Tender invitations for these projects are currently underway, reflecting a structured approach to nationwide bridge development.

International Support and Technical Assistance

Several major bridge projects, including the Atran Bridge, are being implemented with technical and financial support from Japan and South Korea. These projects are part of bilateral cooperation agreements to upgrade Myanmar's transport corridors, improve mobility, facilitate trade, and enhance access to remote regions. Despite political instability, these international partnerships have ensured continuity and quality in bridge construction .

Technical Features of Bent Bridges

Bent bridges in Myanmar are being designed with modern construction techniques to withstand seismic activity. Key features include:

- o Steel plate girders for structural strength
- o Concrete decking for durability
- o Elastomeric bearings to absorb seismic shocks

Myanmar Bent Bridge Construction

- o Soil improvement and geophysical surveys to ensure foundation stability
- o Erosion control measures to protect bridge integrity These measures reflect Myanmar's commitment to building resilient infrastructure capable of supporting both rural and regional connectivity.

Outlook

The ongoing bent bridge projects, supported by both national funding and international cooperation, are expected to enhance transport connectivity, facilitate trade, and provide critical infrastructure resilience. Completion of these projects will play a central role in post-disaster reconstruction and long-term regional development in Myanmar .

Considering the fact that the design and supervision of major roads and bridges are carried out by engineers of MOC, and that some

According to the Bridge Department of the Ministry of Construction, 48 per cent of the construction of the Myanmar

Installation of steel plate girders and concreting works have been largely completed, with

Around 1850, this resourceful mayor took a pile of teak wood from a dismantled royal palace in Inwa and crafted

Tender invitations for the projects are currently underway. In the 2024-2025 financial year, the ministry successfully

This document presents the final report of the preparatory survey for the construction of the Bago River Bridge in Myanmar. It

The Ava Bridge (also called Inn Wa Bridge or Inwa Bridge) was the only bridge spanning the 2,200 kilometres (1,400 mi) of the

A bridge over the Yangon River could transform the lives of locals commuting to the city on

Through the on-the-job training, engineering technologies for bridge substructures such as cast-in-place pile and temporary work

Construction Industries Overview (1948-1962) After Myanmar's Independence in 1948, the Parliament Democracy Government s till

Myanmar Bent Bridge Construction

However, considering the current situation in which Myanmar is pursuing the construction of new bridges, with disruption to technical

iver near two Karen villages for bridge and road construction in the area. This is in no way a large-scale development undertaking;

The Construction Ministry has announced four "early-harvest" projects including roads, a bridge and a tunnel to be built

Also called Korea-Myanmar Friendship Bridge. Also called Ayeyarwady Bridge or Yadanabon Bridge. The bridge was replaced by a

Pakokku Bridge is a rail and road bridge across the Irrawaddy River in Myanmar's Pakokku town. The main

The bridge, being built across the Yangon River, has an estimated total cost of US\$168.173 million, financed by a loan

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