

Bhutan Bridge Construction



Overview

Bhutan has a distinctive bridge building heritage spanning centuries, from the iron chain suspension bridges constructed by the 15th-century polymath Thangtong Gyalpo to traditional wooden cantilever bridges known as bazams. This is a list of bridges and viaducts in Bhutan, including those for pedestrians and vehicular traffic. Cantilever beams were developed in order to cross increasingly wide streams or rivers, where simple wooden beams had a limited range of about 10 meters. The surviving Tamchog Chakzam bridge near Paro preserves original. The Construction Division, on behalf of Project Dantak is inviting eligible bidders to provide consultancy services for a proposed 266-meter iconic bridge at km 1. 275 on the Damchu-Haa Link Road under 60 RCC/19 BRTF in Bhutan. The scope of work includes: Tender Documents can be downloaded below: The 4-lane road bridge with footpaths on each side spans as part of a new expressway of the capital city Thimphu across the Thimphuchu river.



Article Content

Khasadrapchu and Begana bridges inaugurated as part

Six bridges under the 12th Five Year Plan's Construction and Replacement of Bridges Project have been constructed so far. Two such

Taktichhu Bridge: A Testament to Bhutan-India

It embodied a shared vision of resilience and cooperation in the face of adversity. The completion of the Taktichhu Bridge marks a milestone in this journey. Its

Taktichu bridge inaugurated, showcases strong bond

The newly launched Taktichhu bridge, located on the Thimphu-Phuentsholing highway, is not only an engineering wonder but also marks a

Ex-Post Project Evaluation 2021 Package II

issues. At the time of planning, the 11th Five Year Plan (2014-2018) prioritizes the improvement e improvement of access to construction sites for large-scal such as a hydroelectric plant in the road

Thimphuchu Bridge Bhutan

The structure consists of a slencer concrete slab on steel composite girders, which are in the center span suspended from two steel arches by flat steel hangers.

MoIT Developing SOP for Bailey Bridge Construction

In response to growing concerns over bridge collapses in the country, the Ministry of Infrastructure and Transport (MoIT) is developing a Standard Operating Procedure (SOP) for the

Tuvalu Bridge Construction Market (2025-2031) | Outlook Growth

6Wresearch actively monitors the Tuvalu Bridge Construction Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook.

New Takti bridge inaugurated

After almost five years of construction, the new Takti Bridge along the Thimphu-Phuentsholing Highway was inaugurated today. The bridge has a

BASIC DESIGN STUDY REPORT ON THE PROJECT FOR RECONSTRUCTION OF BRIDGES ...

Study on National Highway Bridge Construction in the Kingdom of Bhutan” was conducted in 1997 and 1998. In the study, since 12 of the 22 bridges were regarded to require urgent replacement, in

Two bridges in Kana and Tshephel expected to

The most common bridges constructed in Bhutan today are Bailey, Concrete, Steel truss and Prestressed concrete bridges while these two bridges will be the first

UNBALANCE CANTILEVER BRIDGE

The construction of bridge was started in October 2012 and completed in July 2014 before the schedule completion deadline which shows that design and

Punakha Bazam: The World's Longest Wooden

In Bhutan, a Bazam refers to a traditional bridge, often covered and built in the cantilever style, crafted from wood and, in some historic cases, reinforced with

Signing of Grant Agreement with Bhutan – Contributing

The Namling and Durdari bridges, located on PNH 1 of Mongar District in eastern

Long-awaited bridge construction at Takti brings hope

In Chhukha, the long-awaited construction of a vital bridge at Takti is finally set to begin. This brings renewed hope to hundreds of residents who

History of Bridges in Bhutan

While the modern bridge construction in Bhutan started with technical degree of maturity like the rest of the world from 1960, the oldest

STANDARD SLAB AND DECK GIRDER BRIDGES

Reference Manual, Bridges Foreword The “Bridge Engineering Manual” is published by Bridge Division of Department of Roads. Its main purpose is to provide necessary information to the field engineers

MoIT Developing SOP for Bailey Bridge Construction

Bhutan has experienced several notable bridge collapses in recent years: Kuri-Gongri Bridge (2023): The bridge collapsed twice under the weight of a loaded truck, resulting in the deaths

Signing of Grant Agreement with Bhutan – Contributing

The Namling and Durdari bridges, located on PNH 1 of Mongar District in eastern Bhutan, have collapsed in the past and are currently functioning with temporary

Bridge Building Heritage of Bhutan — BhutanWiki

Bhutan has a distinctive bridge building heritage spanning centuries, from the iron chain suspension bridges constructed by the 15th-century polymath Thangtong Gyalpo to traditional wooden cantilever

Project Dantak: DGBR Lt Gen Raghu Srinivasan in

Project Dantak, established in 1960, has been instrumental in building Bhutan's infrastructure, including roads, bridges, and the Paro

the Project for Reconstruction of Bridges on Primary National ...

the Project for Reconstruction of Bridges on Primary National Highway No. 1 in Mongar District

Mao River Bridge in Gelephu: a promised project nears

The construction will cost around nearly USD 59 M. The bridge will have two lanes of traffic in each direction with a provision for the pedestrian on

List of bridges in Bhutan

Bridges of this type were very common in mountainous region of India, Nepal and Tibet with an average span of 20 metres (66 ft), but those from Bhutan have the

Punakha Bazam: World's Longest Wooden Cantilever Bridge Rebuilt

The reconstruction seamlessly blended traditional Bhutanese woodworking with discreet modern reinforcements to enhance stability and prevent twisting. Though authentic in appearance,

Signing of Grant Agreement with Bhutan – Contributing

This project aims to improve the convenience and sustainability of Bhutan's arterial road network through the replacement of these two bridges, prioritized in terms

Taktichu bridge inaugurated and open to traffic – The

On the 24 April 2024, the newly constructed Taktichu bridge along the Thimphu-Phuentsholing highway was officially opened to traffic, offering a

Pho Chu Suspension Bridge | Bhutan Travel & Tour | Druk Asia

Visit the scenic Pho Chu Suspension Bridge in Bhutan, one of the longest in the country. Enjoy breathtaking views of the Punakha Valley while experiencing this architectural marvel.

Guideline for preparation of Detailed Project Report

7.4 Bridge Construction Project Execution Plan and Final Report Preparation. However, the time period required for each study will differ. The optimum way to calculate the duration required for the

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