

Trapezoidal bridge structure near Burkina Faso



AI Overview

The Hèrèdougou Bridge in Burkina Faso is a 72-meter-long, 11-meter-high strategic structure on National Route 1, designed to ensure year-round traffic and improve regional connectivity.

Overview and Location

The Hèrèdougou Bridge is located in Balé province, spanning the Grand Balé, a tributary of the Mouhoun River. It lies on National Route 1 (RN1), the main highway connecting Burkina Faso's capital, Ouagadougou, with Bobo-Dioulasso and neighboring countries such as Côte d'Ivoire and Mali . This corridor is vital for trade, transport, and regional integration.

Design and Construction

The bridge was constructed by PFO Africa Burkina Faso and fully funded by the Burkinabe government with an investment of 4.548 billion CFA francs. It measures 72 meters in length and rises to over 11 meters in height, making it more imposing than the previous structure . The design includes flood relief structures to facilitate water flow during heavy rains, addressing the recurring flooding issues that disrupted traffic on the old bridge .

Strategic Importance...



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Technibois

This process has recently been used during the construction of the interchange in Ouagadougou or also during the execution of the

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Orthotropic Bridge Design

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Bridge Geometry Manual

Bridge Geometry Manual Publication No. FHWA-HIF-22-034 Infrastructure Office of Bridges and Structures

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