

Bridge Frame in Myanmar 200



Overview

It connects downtown Yangon with Dala Township. It is the country's longest and largest steel cable-stayed bridge.

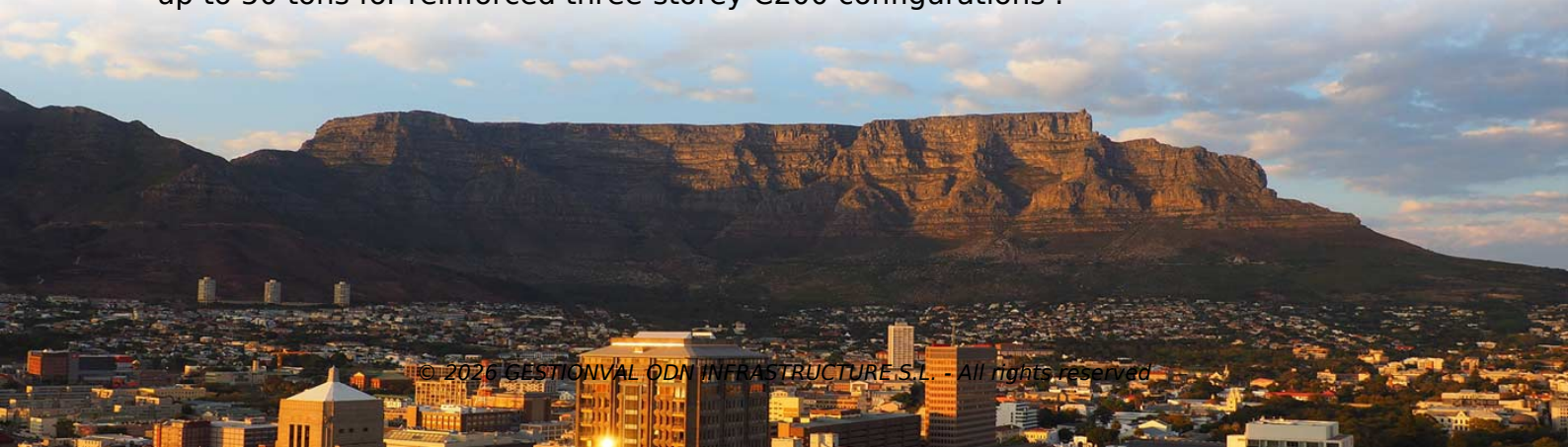
Key Takeaways

The Type 200 Bailey Bridge is a modular, single-lane bridge used in Myanmar for temporary and emergency crossings, capable of supporting vehicles up to 50 tons depending on configuration.

The Type 200 Bailey Bridge is a prefabricated, modular steel bridge designed for rapid deployment in areas where permanent bridges are damaged or under construction. In Myanmar, these bridges have been widely used for both disaster relief and transport infrastructure, ensuring continuity of traffic and cargo movement.

Specifications and Capacity

- Length: Typically ranges from 33.5 meters (for temporary relief bridges) to over 210 feet (64 meters) for larger installations .
- Width: Single-lane, approximately 24 feet wide for heavy-duty configurations .
- Load Capacity: Can support vehicles from 25 tons (temporary double-storey setups) up to 50 tons for reinforced three-storey C200 configurations .



- **Structure:** Modular steel panels that can be assembled on-site, allowing for rapid construction and flexibility in span length and height.

Deployment in Myanmar

- **Disaster Relief:** A 33.528-meter single-lane Type 200 Bailey Bridge was deployed to restore access over flood-damaged roads, facilitating the delivery of relief supplies .
- **Permanent Transport Routes:** On the Mandalay-Pyin Oo Lwin-Lashio road, a 210-foot-long, three-storey C200 Bailey Bridge is being constructed at the Goktwin site to replace a bridge destroyed by bombing, enabling trucks up to 50 tons to pass .
- **Temporary Solutions:** In cases of bridge damage, temporary double-storey Bailey bridges allow vehicles up to 25 tons to maintain connectivity until permanent structures are completed .

Advantages

- **Rapid Assembly:** Can be erected quickly by trained engineers, minimizing disruption to traffic.
- **Modular Design:** Adaptable to different spans and load requirements.
- **Versatility:** Suitable for both emergency relief and long-term transport needs.
- **Durability:** Steel construction ensures stability under heavy loads and adverse conditions.

Conclusion

The Type 200 Bailey Bridge is a critical infrastructure tool in Myanmar, providing both temporary and semi-permanent solutions for road connectivity. Its modular design, high load capacity, and rapid deployment make it essential for disaster response and maintaining trade routes, particularly in regions where bridges are damaged or under construction .

Article Content

Dala Bridge

It connects downtown Yangon with Dala Township. It is the country's longest and largest steel cable-stayed bridge. The

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After crossing two cable-suspension bridges, including the Attaran Bridge, I arrived in Mawlamyine, the capital of Mon

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

