

# **Bridge Construction Market Report by Type (Beam Bridge, Truss Bridge, Arch Bridge, Suspension Bridge, Cable-stayed Bridge, and Others), Material (Steel, Concrete, Composite Materials), Application (Road and Highway, Railway), and Region 2024-2032**

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## **Abstracts**

The global bridge construction market size reached US\$ 1,138.4 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,691.5 Billion by 2032, exhibiting a growth rate (CAGR) of 4.4% during 2024-2032.

Bridge construction refers to the process of building solid structures that span between supports and are designed to carry the loads. Some of the commonly used bridge construction methods include cast-in-situ, precast, balanced cantilever, span by span casting, incremental launching, arch, cable-stayed, and advanced shoring methods. The construction method employed depends on numerous factors, such as the scale of the bridge, the time allowed for construction, site accessibility, material costs, regularity of the span lengths, environmental factors, and engineering constraints. Nowadays, the demand for bridge construction is rapidly escalating across the globe since bridges are widely utilized for transportation purposes.

### **Bridge Construction Market Trends:**

The rising road traffic and the increasing number of vehicles represent the primary factors driving the market growth. Besides this, the growing need for railway bridges due to the expansion of railway networks and the improving focus on public-private partnerships for transport infrastructure development are catalyzing the demand for bridge construction. Additionally, several favorable initiatives undertaken by the governing and non-governing agencies of various nations are positively influencing the market growth. For instance, the Global Infrastructure Hub initiative launched by G20

aims to enhance the delivery of resilient, sustainable, and inclusive infrastructure by collaborating with the public and private sectors. Furthermore, with recent technological advancements, the leading players are focusing on the development of innovative equipment and systems to facilitate faster and cost-efficient bridge construction. Along with this, the introduction of Geosynthetic Reinforced Soil–Integrated Bridge System (GRS–IBS) technology to minimize the bridge construction time and costs is propelling the market growth. Moreover, the expanding construction industry, rapid urbanization, strong economic growth, increasing investments in infrastructure development projects, and growing usage of precast concrete panels are some of the other factors creating a favorable market outlook.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global bridge construction market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, material and application.

#### Breakup by Type:

- Beam Bridge
- Truss Bridge
- Arch Bridge
- Suspension Bridge
- Cable-stayed Bridge
- Others

#### Breakup by Material:

- Steel
- Concrete
- Composite Materials

#### Breakup by Application:

- Road and Highway
- Railway

#### Breakup by Region:

North America  
United States  
Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AECOM, Balfour Beatty plc, Bouygues S.A., China Communications Construction Company Limited, China State Construction Engineering Corporation, Fluor Corporation, Kiewit Corporation, Samsung C&T Corporation, Strabag SE and Vinci SA.

#### Key Questions Answered in This Report

1. How big is the global bridge construction market?
2. What is the expected growth rate of the global bridge construction market during 2024-2032?
3. What are the key factors driving the global bridge construction market?
4. What has been the impact of COVID-19 on the global bridge construction market?

5. What is the breakup of the global bridge construction market based on the type?
6. What is the breakup of the global bridge construction market based on the application?
7. What are the key regions in the global bridge construction market?
8. Who are the key players/companies in the global bridge construction market?

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