

# Bridges built on the road



## Article Overview

Bridges built on roads, commonly known as road bridges, are essential structures that facilitate transportation by allowing vehicles and pedestrians to cross over obstacles like rivers, valleys, or other roads.

### Types of Road Bridges

- **Beam Bridges:**
  - **Description:** The simplest type of bridge, consisting of a horizontal beam supported at each end by piers or abutments.
  - **Usage:** Commonly used for short spans, such as highway overpasses, due to their straightforward design and cost-effectiveness .
- **Arch Bridges:**
  - **Description:** These bridges use a curved arch to support the load, transferring weight along the curve to the supports at either end.
  - **Usage:** Effective for medium spans and often seen in scenic areas where aesthetics are important .
- **Suspension Bridges:**
  - **Description:** These bridges have cables suspended between towers, with the deck (roadway) hung from the cables.
  - **Usage:** Suitable for long spans and often used for major crossings, such as the Golden Gate Bridge .
- **Cable-Stayed Bridges:**
  - **Description:** Similar to suspension bridges, but the cables are connected directly t...

## Article Content

Explain different types of road bridges through neat sketches

Road bridges are critical infrastructure designed to span obstacles like rivers, valleys, or roads, enabling vehicular and

The Roman Roads and Bridges You Can Still Travel Today

You can still cross one of the Via Domitia's bridges, the Pont Julien in the south of France. In that same country stand the more-or

Vehicular Bridges | Bridges

Residential Driveway Bridges for Creeks, Ravines, and Private Roads Residential driveway bridges, private property bridges, and

Bridges: Connecting Regions and Overcoming Obstacles -

Explore the fascinating world of bridges: from their design and construction to the challenges faced by bridge engineers.

Bridging the Gap: Understanding Bridge Design and Construction

In conclusion, building bridges in a green, sustainable way is an important part of reducing the environmental impact of bridge design

How bridges work

This is the Palladian Bridge at Prior Park, Bath, England, built in 1755, and reputedly one of only four such bridges in

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.gmarkconstruction.co.za>

Email: [sales@gmarkconstruction.co.za](mailto:sales@gmarkconstruction.co.za)

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

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