

Translation of bridge structure

Definition A structure built to span and provide passage over a river, chasm, road, or any other physical hurdle. The function required from the bridge and the area where it is constructed decides the design ...

TRUSS - A rigid, jointed structure made up of individual straight pieces arranged and connected, usually in a triangular pattern, so as to support longer spans.

It embraces almost all facets of bridge engineering except the rudimentary analyses and actual field construction of bridge structures, members, and foundations.

First the major components of a bridge are introduced. Then the basic member shapes and connections of the bridge are presented. Finally, the purpose and function of the major bridge components are ...

Like most industries, bridge construction and maintenance can be complex and highly technical - so there are plenty of terms and phrases to familiarize yourself with. That's why we've put ...

A substructure unit supporting each end of a bridge span; also called a pier. It's made up of two or more columns or column-like members connected at their top most ends by a cap, strut or other member ...

Whether it's a small culvert or a massive suspension bridge, every structure involves complex engineering concepts. Understanding the terminology of bridge helps civil engineers, ...

It provides detailed descriptions of different bridge types such as arch, bascule, cable-stayed, suspension, and truss bridges. The definitions cover both the primary load-bearing members and ...

Bridge structures represent a challenge in the built environment: they are the crystallization of forces finalized to keep someone in an unreachable place. Bridges provide the most appropriate connection ...

Initially made from the simplest materials and designs, bridges steadily evolved to carry wider decks and span greater distances over rivers, gorges, valleys, uneven terrain, and dense city ...

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