

Definition

Bridge is a structure erected over a depression, river, watercourse, railway line, road or other obstacle for carrying motor vehicle, railway, pedestrians or other traffic or services and having a length, measured between abutment faces along the centre line of the superstructure. Definition of bridges in Ethiopia is such structures having length of 4 meter or long.

Types of Bridge

There are at least 7 commonly known bridge structures.

Beam bridges (T-Girder, Box Girder), Truss Bridge, Cantilever Bridge, **Arch** Bridge, Tied **Arch** Bridge, Suspension Bridge, Cable-stayed Bridge.

Elements, Bodies, or components of a bridge

Superstructure, Substructure and Ancillaries

Example of RC Girder Bridge