

Bow String Truss Bridges

The Bow string truss is an elegant and much desired solution for many of our clients. It provides an arch formation and mimics many of the attributes of the tied arch, but allows simpler design and construction detailing, resulting in more cost effective solutions for the Client.

CTS have extensive experience in the design, manufacture and installation of Bow String Truss footbridges. This type of bridge is very popular and has been installed by CTS Bridges all over the UK. Lighting and decorative features can be incorporated within the design.

CTS provide a complete design, build and installation service for this type of bridge.

Images (top to bottom) :-

46m x 3m Tied Arch Vierendeel Truss at Bedford Riverside—Client Leadbitter Bouygues—Ref 4071

18m x 2.5m Vierendeel Bow String Truss at Bedford Place, Bootle—Client Sefton Council—Ref: 3100

34m x 2.5m Bow string truss with steel abutments at Browning Street, Birmingham—Client Shimizu Europe—Ref 1788

46m x 4m Bow Arch Cycle Bridge at Beaufort Road, Swansea—Client—Galliford Try—Ref 3834

