



## Truss Bridges

CTS have extensive experience in the design, manufacture and installation of Truss footbridges

We have designed and fabricated Vierendeel steel trusses in a variety of locations and in lengths ranging from 5m upwards.

This type of truss provides a cleaner elevation that lends itself to having various design options such as timber infills on the parapet or having the parapet as a completely separate item with arched top booms as shown on some of the photographs.



Images (top to bottom) :-

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

36.2m x 3m Warren truss Bridle bridge at Chadkirk, Stockport—Client Bethell Construction—Ref 3720



38.2m x 3m Steel Vierendeel truss with oak detail cycle bridge at Reach Lode, Wicken Fen, Cambridgeshire– Client Bam Nuttal for Sustans—Ref: 3394

34m x 3m Vierendeel truss over River Caldew, Carlisle —Client Volker Stevin—Ref 3157

Below—24m x 3m Bespoke truss at Cow Bridge—Client Birse—Ref 3621

For further details please contact CTS Bridges

Tel: 01484 606416

email: [enquiries@ctsbridges.co.uk](mailto:enquiries@ctsbridges.co.uk)

web: [www.ctsbridges.co.uk](http://www.ctsbridges.co.uk)





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Images (top to bottom) :-

29m x 2.2m Steel truss cycle brige over A96 at Suenos Stone, Forres to Findhorn Cycle Route, Scotland—Client Balfour Beatty —Ref 2377

20.5m x 3m Bow Truss Cycle Bridge over A3093,Picket TwentyBridge, Andover, Hants—Client Galamast Ltd—Ref 3885

23.5m x 2.5m Pratt truss at Port Sunlight, Wirral– Client Wirral MBC—Ref: 4289

27m x 5m Pratt Truss with lift shaft at Waitrose, Chester —Client Barr Construction—Ref 3975

Below—17.5m x 3m Pratt with underslung Truss at Dane Bridge, Norhtwich, Cheshire – Client Bam Nuttall—Ref 3599

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Images (top to bottom) :-

34m x 3.5m Bow String Vierendeel cycle bridge at Beaufort Reach, Swansea—Client Dean & Dyball —Ref 2469

32m x 1.5m modified Pratt Truss, River Stour, Bures St Mary, Suffolk—Client Bures Project Association—Ref 1901

45m x 2m Tubular RamTruss, Birmingham—Client Norwest Holst—Ref: 1911

28m x 2m Steel Pratt Truss, Chalk Bridge, Lee Valley—Client Lee Valley Regional Park Authority—Ref 3049

Below— 25m x 2m Steel Modified Pratt Truss with steps each side at Marbury Country Park, Northwich, Cheshire—Client Cheshire County Council—Ref—2488

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Images (top to bottom) :-

40m x 2m Bow Arch Vierendeel truss over River Don, Sheffield— Client Balfour Beatty—Ref 4035

18.7m x 2m Vierendeel truss with softwood decorative timber infill parapet at Royalty Fisheries, Christchurch—Client Bournemouth & West Hants Water Authority—Ref 1561

15m x 2.2m Pratt Truss, Becketts Park, Northampton— Client Northampton Borough Council—Ref: 2141



40.65m x 2.5m three span Warren Truss bridge at Castle Marina, Nottingham for Nottingham City Council—Client Whitehouse Construction—Ref 3237

Below—27.5m x 3.5m Tied Arch Truss Bridle/Cycle Bridge over the A391 Carluddon Road, Scredda, Cornwall—Client Cormac Contracting—Ref: 4035



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