

## Effective Bridge Truss Design, Truss CAD Engineering Services

By Mike Thomas

Dated: Oct 27, 2009

*At OSTD services, we use latest CAD simulation programs to show how load forces are distributed through the bridge truss design. We analyze your prototype trusses to predict which of your designs will be the strongest.*

At OSTD services firm we use latest CAD simulation programs to show how load forces are distributed through the bridge truss design. We analyze your prototype trusses using the information rendered by the simulation tools to predict which of your designs will be the strongest.

When designing a particular bridge, our structural engineering team follows proven design processes. An engineer takes into account various design criteria in order to select the most appropriate type for a specific site and use profile.

Our expert bridge engineers consider following factors in describing a bridge:

- # Form (beam, truss or arch)
- # Span (simple, continuous, cantilever)
- # Material (concrete or metal)
- # Placement of the travel surface (deck, through)

Depending on them complexity of the bridge, a **truss bridge design may consist of a series of drawings** that include every detail of the structure, even the smallest bolt or nail in its place. Although more advanced technology is now available, a well-executed structural design is still very essential when it comes to building a truss bridge, and any such bridge for that matter.

We offer complete CAD designing/detailing services for different type of truss bridges such as Howe truss, Pratt truss, King Post truss, K truss and Bowstring Arch truss according to the exact needs of that particular region and geography. The description of bridge truss design demonstrates various forms in which the truss structure is utilized. The truss bridge design, has thus, remained a crucial part in modern architecture and in the construction of many popular bridges.

Our objective is to offer you highest benefits through our services leading to superior customer satisfaction. We make sure that you get quality bridge engineering services at lesser costs and time.

**Save up to 60%** on your Bridge Truss design & Truss engineering detailing related requirements today!

info@structuralcaddservices.com – email us to get instant quote.

Visit us at <http://www.structuralcaddservices.com/structural-design.php> for more information.

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SCS is an established structural engineering firm offering wide-range of structural design, structural analysis and modeling services to its clients at affordable rates. Our structural services range from CAD detailing, Structural drafting, Fabrication/shop drawings and 3D Modeling solutions.

Category      Construction, Services, Engineering

Tags            bridge truss design, bridge truss engineering, bridge truss detailing

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