



Building Better Bridges



Canada

Toll free: 1-877-304-2561

United States

Toll free: 1-800-681-4440

www.structalbridges.com

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A one stop shop **solution**

In order to provide customers with a fully comprehensive bridge-building package, Structural-Bridges has created a unique design-build solution that provides turnkey project delivery, from design and fabrication to construction and erection.

Design-build is a project delivery system in which design and construction services are contracted by a single entity, called the design-builder. Contrary to a design-bid-build approach, design-build is based on a single point of responsibility contract in order to minimize risks for the project owner and streamline the delivery schedule by overlapping the design and construction phases of a project.

A design-build approach can generate attractive cost savings as well as enhance creativity and foster cooperation between project partners. It is now generally accepted that design-build projects allow for new ideas, which in turn yields maximum innovation and facilitates the implementation of new methods and the development of new products in order to optimize benefit-cost ratios.

- The Structural-Bridges design-build solution includes:
 - Engineering (design – drawings – specifications)
 - Materials procurement
 - Detailed drawings and fabrication
 - On-site delivery
 - Construction and erection
- Structural-Bridges will discuss and identify with its clients the optimal solution for their bridge projects:
 - Steel or wood structure
 - Concrete, steel or wood deck
 - Concrete, stone or wood abutments and piers



Advantages of design-build



The Structural-Bridges design-build solution offers a number of distinct advantages:

- Everyone is on the same team, which creates total accountability, continuity and open communication.
- Design time is reduced and optimized because the design and construction expertise is concentrated within a single team and issues are addressed as they come up
- Simplified construction drawings
- Shorter construction schedule
- Minimal requests for changes
- Cost savings
- Customers benefit from Structural-Bridges' fabrication and construction expertise right from the early stages of the project, when value engineering is most beneficial to the final outcome.

