



Design-Build Transportation Fact Sheet

Design-build is the most effective solution applied by numerous transportation agencies for the construction and repair of roads, bridges, rails and airports. Transportation is the fastest growing design-build sector in the United States, with transportation design-build projects doubling in the past five years, both in quantity and value of projects.

State and local governments recognize that transportation is critical to the nation's economic growth and development. There are only four states that have no design-build authority in the transportation sector, while the remaining 46 states all authorize design-build for transportation to some degree. To view a map of design-build state laws for transportation procurement, click [here](#).

Selection Process:

Many contracting agencies use a two-phase selection process (i.e. qualifications response to an RFQ and then technical and pricing proposal from an RFP), while others elect to use a single-phase selection process when using the design-build process.

In this process, the design-builder acts as one point of responsibility, from initial design phase through final steps during building. Having one organization technically responsible is beneficial for all parties involved and reduces project risk.

Recent developments:

New York passed legislation in December 2011 to permit design-build on infrastructure projects for the first time in the state's history. In August 2011, the White House commended the Federal Highway Administration, noting the agency's commitment to encourage state use of design-build.

See page 2 for example notable transportation design-build projects.

Notable Projects:

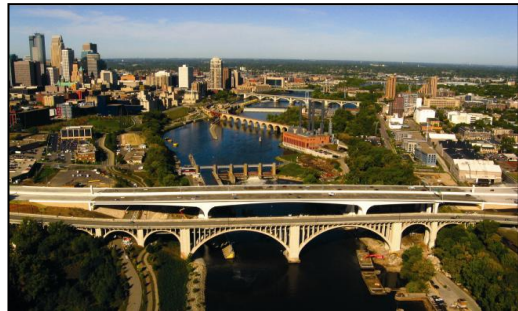
There are several notable design-build transportation project success stories, such as the Mineta San Jose International Airport in San Jose, Calif.; I-35W (St. Anthony Falls) Bridge in Minneapolis, Minn.; Colorado T-REX in Denver, Colo.; and I-15 in Utah.



Mineta San Jose International Airport

Winner of the 2011 DBIA Transportation Design-Build Excellence Award, the Mineta San Jose International Airport project was completed by Hensel Phelps Construction Co. on-time and achieved LEED Silver certification. This 2.6 million square foot project consisted of a major renovation of terminal A, interim modification of terminal C, new construction of terminal B and a rental car garage, along with roadway improvements and parking modifications.

The Minnesota Department of Transportation selected Flatiron-Manson JV to design and build the I-35W (St. Anthony Falls) Bridge following its tragic collapse in August 2007. Completed ahead of schedule and on-budget, the bridge is a 1,216-foot-long structure with twin 504-foot-long main spans.



I-35W (St. Anthony Falls) Bridge



Colorado T-REX

The Colorado T-REX (Transportation Expansion Project) allowed for flexibility and creativity in support of the project goals. It stayed within its \$1.6 billion budget and was completed 22 months ahead of schedule in December 2006.

The Utah I-15 was completed on-schedule and in time to handle the volume and traffic of the 2002 Winter Olympics. This \$1.3 billion project was executed 4.5 years faster than under a traditional design-bid-build approach.



Utah I-15