

The Flatiron-Manson team is a leader in the industry in safety, quality and building award-winning bridges

Building bridges safely is a top priority:

- Flatiron is a leader in safety and its safety personnel are among the best and most experienced in the industry
- Flatiron’s excellent safety record is reflected by awards such as:
 - ◆ Associated General Contractors of America, First Place National Safety Award, 2005
 - ◆ Associated General Contractors of America, Safety Excellence on a High Hazard Project, 2000 and 2003
 - ◆ Associated General Contractors of America, Certificate of Commendation for Safety, 1998
 - ◆ Colorado Contractors Association Safety Award – Zero incidents for all Colorado Projects during 2006
 - ◆ Colorado Contractors Association Safety Award – Zero lost-time and recordable incidents for all Colorado projects during 2005
 - ◆ Colorado Contractors Association Safety Award – Zero incidents for all Colorado Projects, 1997
- Manson’s recognition for safety excellence is reflected by:
 - ◆ U.S. Department of the Navy, Pacific Ocean Division Contractor of the Year
 - ◆ U.S. Army Corps of Engineers Safety Pays Program Award
- Flatiron and Manson require ALL project personnel to undergo safety training and orientation prior to employment and entry to the project site
- Flatiron and Manson follow “safety first” guidelines and begin EVERY project meeting with safety



Associated General Contractors of America, First Place National Safety Award, 2005



I-10 Bridges, Pensacola, Florida (Flatiron)



Smart Road Bridge near Blacksburg, Virginia (FIGG)

Building high quality bridges:

- Flatiron-constructed projects have won over 20 industry awards for excellence
- Flatiron-constructed projects have won notable design-build awards, including national Design-Build Institute of America awards for the Sagadahoc Bridge (with FIGG), Salt Lake City Medical Center Light Rail Transit Line and the Carolina Bays Parkway
- Flatiron-constructed bridges recently won awards from the Precast/Prestressed Concrete Institute for “*best bridges with spans greater than 150 feet.*”
 - ◆ The Arthur Ravenel Jr. Bridge, South Carolina
 - ◆ I-10 bridges over Escambia Bay, Florida

In May 2006, **Roads & Bridges** magazine named the top 25 American bridges of all time. FIGG designed six of the bridges – a remarkable achievement considering the firm had only been in existence 28 years. Bridges designed by FIGG on the list include:

- I-275 Bob Graham Sunshine Skyway Bridge, Tampa Bay, Florida
- Smart Road Bridge near Blacksburg, Virginia
- Leonard P. Zakim Bunker Hill Bridge, Boston, Massachusetts (FIGG 50% EOR)
- Natchez Trace Parkway Arches, near Nashville, Tennessee
- Blue Ridge Parkway Viaduct around Grandfather Mountain, North Carolina

(over)





History Channel/
Modern Marvel
specials

- Penobscot Narrows Bridge & Observatory, near Bucksport, Maine

Flatiron provided key personnel for the construction of the Penobscot Narrows Bridge & Observatory and constructed three other Top 25 bridges, including:

- The Arthur Ravenel Jr. Bridge, South Carolina
- San Francisco-Oakland Bay Bridge, San Francisco, California
- Carquinez Suspension Bridge, Crockett, California

FIGG-designed bridges have been featured on the covers of more than 200 magazines, including 12 **Engineering News-Record** covers. Bridges designed by FIGG have been featured on five **History Channel/Modern Marvel** specials in the past seven years. Bridges constructed by Flatiron have been featured on three **Discover Channel/Extreme Engineering** specials.

Creating Bridges as Art®

FIGG has won 268 design awards, including three Presidential Awards through the National Endowment for the Arts for the I-275 Bob Graham Sunshine Skyway Bridge, Florida; Natchez Trace Parkway Arches, Tennessee; and the Blue Ridge Parkway Viaduct around Grandfather Mountain, North Carolina. This honor has been awarded to only five bridges nationwide.

A winning partnership

Flatiron and Manson are just completing two major bridge projects and working together on the San Francisco-Oakland Bay Bridge, which is a similar bridge technology as that designed for I-35W.

Flatiron and FIGG have worked together multiple times to integrate design and construction. Selected bridge projects where the firms worked together include:

- Sagadahoc Bridge, Maine - honors include a 2001 National Design Build Excellence Award
- I-70 Hanging Lake Viaduct, Colorado – 7 awards, including International Bridge Conference George S. Richardson medal
- The first 5 bridges on I-70 in Glenwood Canyon, Colorado – five awards including the 1995 American Council of Engineering Companies designation as “One of the 12 Most Spectacular Bridges in America”.
- I-70 French Creek Viaduct, Colorado
- Penobscot Narrows Bridge & Observatory, Maine – winner of 14 awards for innovation, design and engineering excellence, including American Road & Transportation Builders Association (ARTBA) PRIDE award for community relations, and ARTBA Work Zone Safety Award and an Outstanding Civil Engineering Achievement Award from the American Society of Civil Engineers
- 4th Street Bridge, Pueblo, Colorado (bid August 2007; Flatiron apparent successful bidder)



San Francisco-Oakland
Bay Bridge, San
Francisco, California
(Flatiron-Manson)



Sagadahoc Bridge, Maine
(Flatiron-FIGG)

