The Biennial NSBA/AISC Prize Bridge Competition originated in 1918 to acknowledge outstanding steel bridge designs. The bridges are honored for economy, cost-effectiveness, innovation in design and construction, and aesthetics.

Movable Span: Coleman Bridge

Jurors Comments: “A swing span of great magnitude using Grade 70 steel...a major accomplishment”

- Designer: Parsons Brinckerhoff Quade & Douglas
- Fabricator: Stupp Brothers
- Erector: Peterson Beckner Industries
- Owner: Virginia Dept. of Transportation
- GCs: Tidewater Construction Corporation
- Detailer: Stupp Brothers Co.
- Consultant: Parsons Brinckerhoff Quade & Douglas

Special Purpose: Newark Airport Monorail

Jurors Comments: “A good clean design”

- Designer: Weidlinger Associates Inc.
- Fabricator: Dominion Bridge Inc.
- Erector: SMI/Owens Steel
- Owner: The Port Authority of NY and NJ
- GCs: ABB Daimler-Benz Transportation
- Detailer: Dominion Bridge Inc.
- Consultant: Simons-Eastern Consulting Engineers
Historic: Pine Street

Jurors Comments: "An exceptional job of the recreation of an early 20th century truss with riveted details"

Designer: Foster Engineering
Fabricator: Roscoe Steel & Culvert Co.
Erector: West Coast Bridge Inc.
Owner: City of Nevada City
GCs: West Coast Bridge Inc.
Detailer: McIntyre & Assoc., Inc.

Reconstructed: Dartmouth Bridge

Jurors Comments: "Reconstructed and widened by extending and prestressing the bent caps...a very nice aesthetic job"

Designer: Parsons Brinckerhoff
Fabricator: PDM Bridge
Erector: Hi-Boom Inc.
Owner: Minnesota Dept. of Transportation
GCs: Lunda Construction Co.
Detailer: Tensor Engineering Company
Consultant: Parsons Brinckerhoff

The 1998 Prize Bridge Competition Jury:
Mr. David Densmore, Chief, Bridge Division,
Federal Highway Administration
Mr. Allen F. Laffon, Division Engineer, Bridge,
Missouri Department of Transportation
Mr. James E. Roberts, Director, Engineering Services Center,
California Department of Transportation
Mr. Russ Swan, Former Editor,
Bridge Design & Engineering
Dr. Man Chung Tang, Chairman and Technical Director,
T. Y. Lin International
1998 Merit Awards

Movable Span: Weems Creek Bridge
- Designer: URS Greiner, Inc.
- Fabricator: Williams Bridge Company
- Erector: Cianbro Corporation
- Owner: Maryland State Highway Administration
- GCs: Cianbro Corporation
- Detailer: Alabama Structural Detailers

Railroad: Bridge No. 315 over the Chippewa River
- Designer: Alfred Benesch & Co.
- Fabricator: PDM Bridge Division
- Erector: Lunda Construction Co.
- Owner: Wisconsin Central Ltd.
- GCs: Lunda Construction Co.

Special Purpose: Madison Street Bridge
- Designer: DeStefano & Partners
- Fabricator: Chicago Ornamental Iron
- Erector: Chicago Ornamental Iron
- Owner: Chicago/Illinois Dept. of Transportation
- GCs: Newberg/Perini
- Consultant: Globetrotters Engineering Corp.

Historic: Bluffs Edge Bridge
- Designer: Modjeski & Masters/Buckland and Taylor
- Fabricator: PDM Bridge/Canron, Inc.
- Erector: Traylor Brothers Inc.
- Owner: Michigan Dept. of Transportation
- GCs: PCL/McCarthy, A Joint Venture
- Detailer: Candraft Detailing Co.

Long Span: Second Blue Water Bridge
Jurors Comments: “All galvanized structural steel...detailing makes it extremely attractive”

Designer: CT Department of Transportation
Fabricator: Trinity Industries Inc.
Erector: George A. Tomasso Construction
Owner: CT Department of Transportation
GCs: George A. Tomasso Construction
Detailer: Tensor Engineering Company

Railroad: Central Connecticut Railroad over Route 66

Jurors Comments: “Completely galvanized and high strength bolted construction...Life cycle cost advantage is important”

Designer: Erdman Anthony & Associates
Fabricator: Seibel Modern Manufacturing
Erector: Silver Line Construction
Owner: Cattaraugus County Dept. of Public Works
GCs: Silver Line Construction
Detailer: Seibel Modern Manufacturing

Short Span: Franklinville Bridge #31

The National Steel Bridge Alliance (NSBA), which was formed in 1995, is a unified industry organization created to coordinate the efforts of all those who are interested in enhancing the state of the art of steel bridge design and construction in the United States. Activities include organizing meetings, conferences and national symposia, conducting the Prize Bridge Award competition, supporting research, developing/distributing design aids, and providing assistance to bridge owners and designers. For more information visit our web site at www.nsbaweb.org or:
call: (612) 591-9099
fax: (612) 591-9499
email: shirole@aiscmail.com
Jurors Comments: "An exciting project...big scale for a grade separation project...has a handsome, uniform appearance"

Designer: Tudor Engineering
Fabricator: Universal Structural Inc.
Erector: Shaughnessy & Company
Owner: California Department of Transportation
GCs: Kiewit-Marmolejo (Joint Venture)
Detailer: Candraft Detailing Inc.
Consultant: ICF Kaiser Engineering Inc.

Jurors Comments: "Tall slender columns, and the continuous deck without joints added to the aesthetics with weathering steel as a major feature"

Designer: HNTB Corporation
Fabricator: PDM Bridge Division
Erector: Traylor Brothers
Owner: West Virginia Dept. of Transportation
GCs: Edward Kraemer & Sons, Inc.
1998 Merit Awards

Medium Span: SR417 Southern Connector

Designer: URS Greiner, Inc.
Fabricator: PDM Bridge Division
Erector: Hubbard Construction Co.
Owner: Florida Dept. of Transportation - Turnpike District
GCs: Hubbard Construction Co.
Detailer: Tensor Engineering Company
Consultant: URS Greiner, Inc.

Medium Span: SR0029 over the Schuylkill River

Short Span: SR0029 over the Schuylkill River

Long Span: Admiral T.J. Lopez Bridge

Designer: HDR Engineering Inc.
Fabricator: PDM Bridge Division
Erector: Armstrong Steel Erectors
Owner: West Virginia Dept. of Transportation
GCs: C.J. Mahan Construction Co.
Detailer: Vincennes Steel
Consulting: Woolpert (Civil Design)

Medium Span: Columbus Gateway Arch Bridge

Designer: HDR Engineering Inc.
Fabricator: PDM Bridge Division
Erector: Armstrong Steel Erectors
Owner: Indiana Dept. of Transportation
GCs: Milestone Contractors, L.P.
Detailer: Vincennes Steel
Consulting: Woolpert (Civil Design)