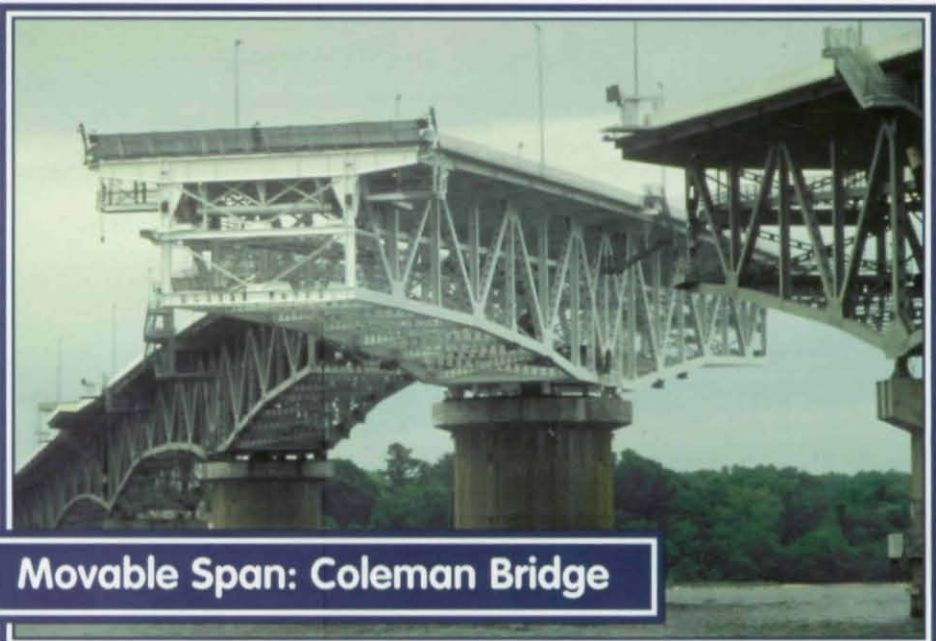


1998 Prize Bridge Awards



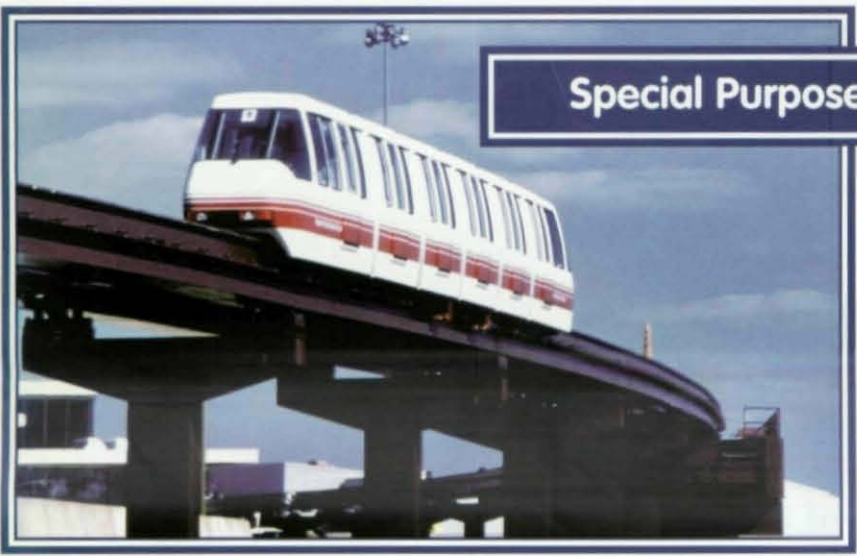
The Biennial NSBA/AISC Prize Bridge Competition originated in 1918 to acknowledge outstanding steel bridge designs. The bridges are honored for economy, cost-effectiveness, innovation in design and construction, and aesthetics.



Movable Span: Coleman Bridge

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

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



Special Purpose: Newark Airport Monorail

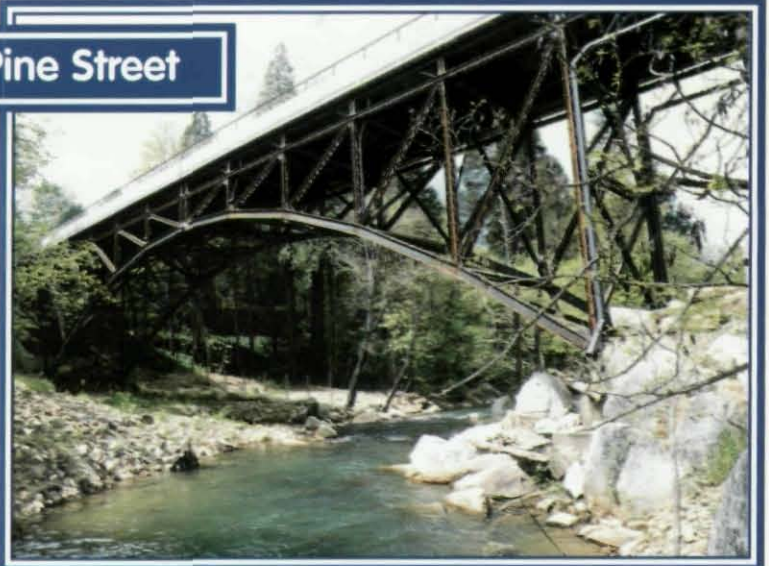
Jurors Comments: "A good clean design"

- | |
|---|
| Designer: Weidinger 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

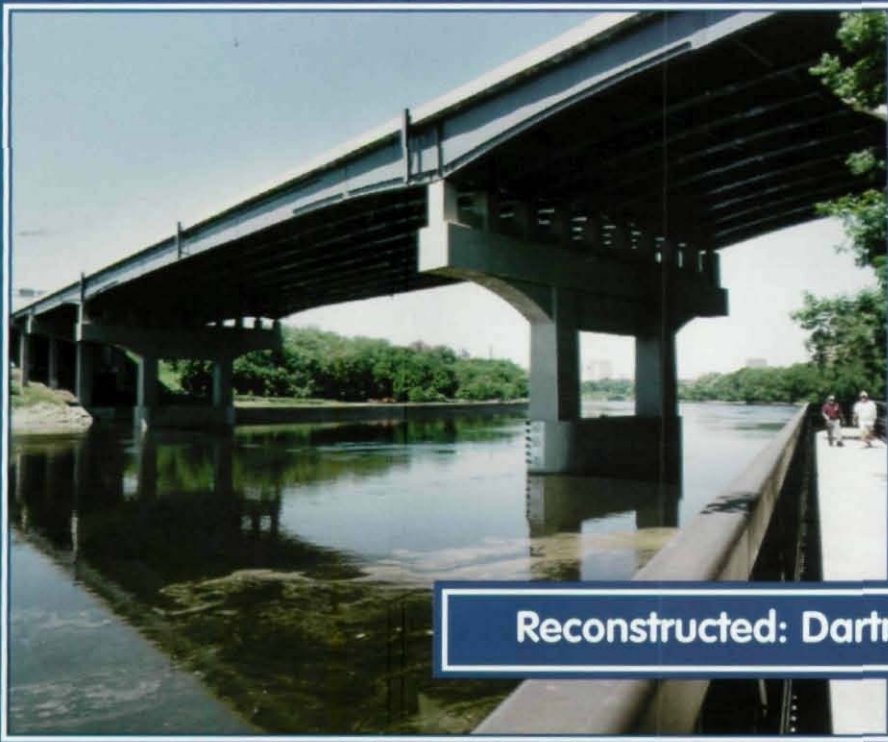
Jurors Comments: "An exceptional job of the recreation of an early 20th century truss with riveted details"

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.



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



Reconstructed: Dartmouth Bridge

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**

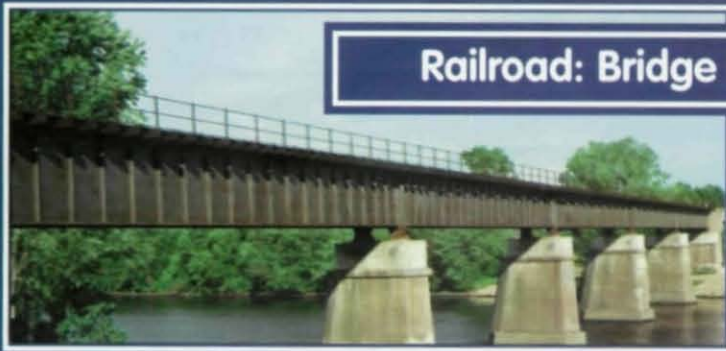
1998 Merit Awards

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



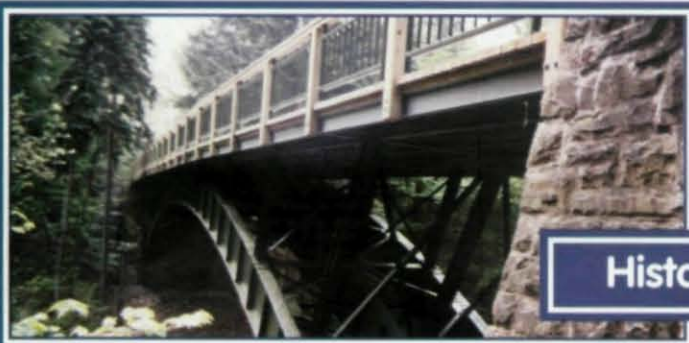
Railroad: Bridge No. 315 over the Chippewa River



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

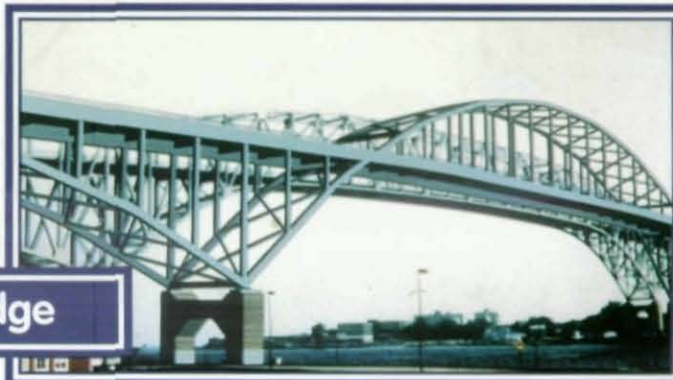
Designer: DeStefano & Partners
Fabricator: Chicago Ornamental Iron
Erector: Chicago Ornamental Iron
Owner: Chicago/Illinois Dept. of Transportation
GCs: Newberg/Perini
Consultant: Globetrotters Engineering Corp.



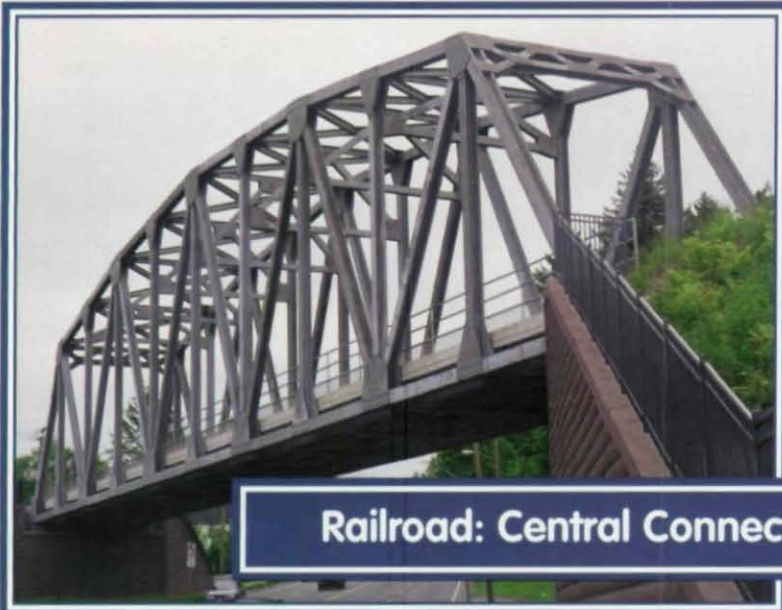
Designer: Wiss, Janney, Elstner Associates
Fabricator: Tri State Steel & Fabricating Co. Inc.
Erector: S & J Construction Co. Inc.
Owner: The City of Lake Forest
GCs: Wiss, Janney, Elstner Associates
Detailer: M.C. Detailers, Inc.
Consultant: Wiss, Janney, Elstner Associates

Historic: Bluffs Edge Bridge

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



Long Span: Second Blue Water Bridge



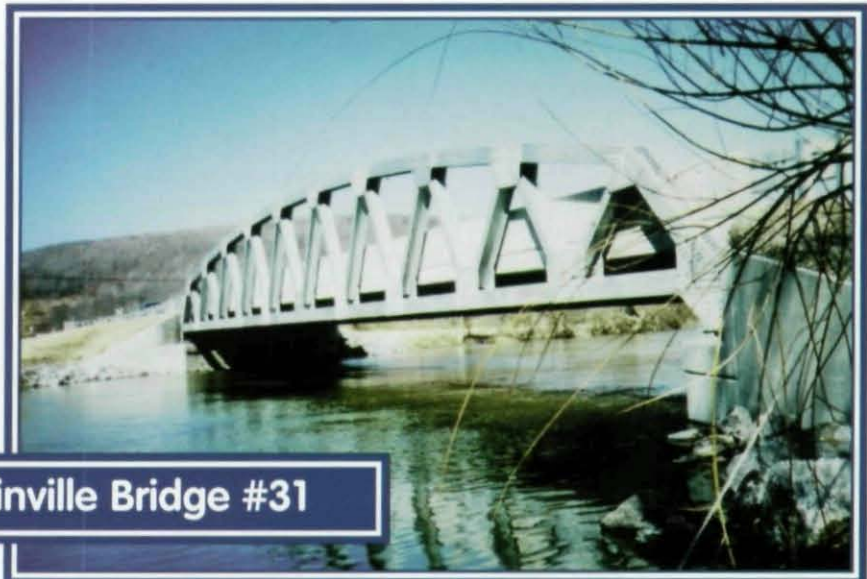
Jurors Comments: "All galvanized structural steel...detailing makes it extremely attractive"

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:

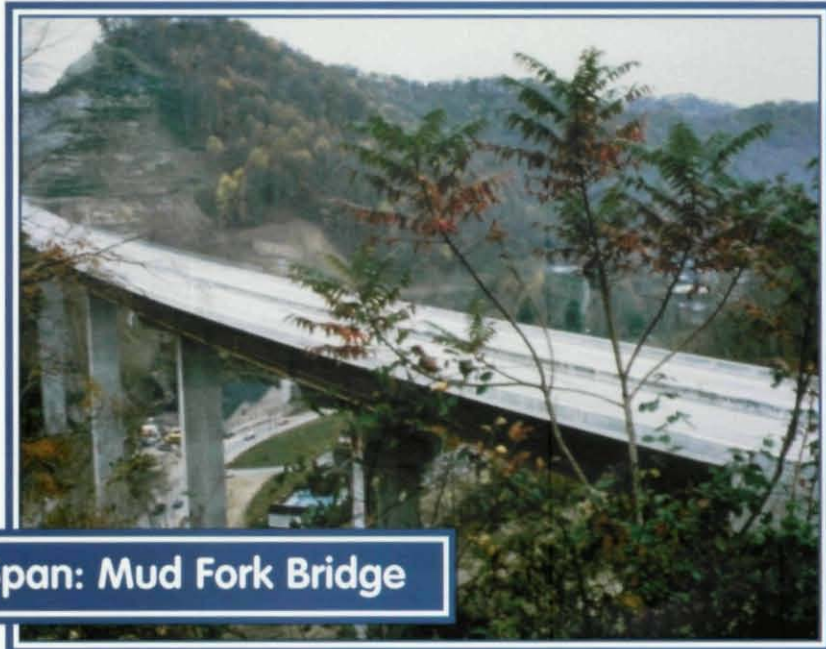
call: (612) 591-9099
fax: (612) 591-9499
email: shirole@aiscmail.com



**Grade Separation:
Maritime Off-Ramp**

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.



Medium Span: Mud Fork Bridge

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



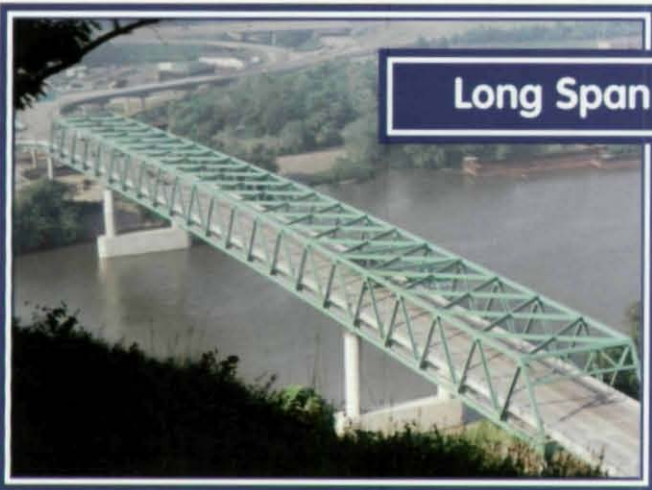
Medium Span: SR417 Southern Connector

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.

Designer: HDR Engineering Inc.
Fabricator: High Steel Structures Inc.
Erector: High Steel Structures Inc.
Owner: Pennsylvania Dept. of Transportation
GCs: Allan A. Myers Inc.
Detailer: High Steel Structures Inc.



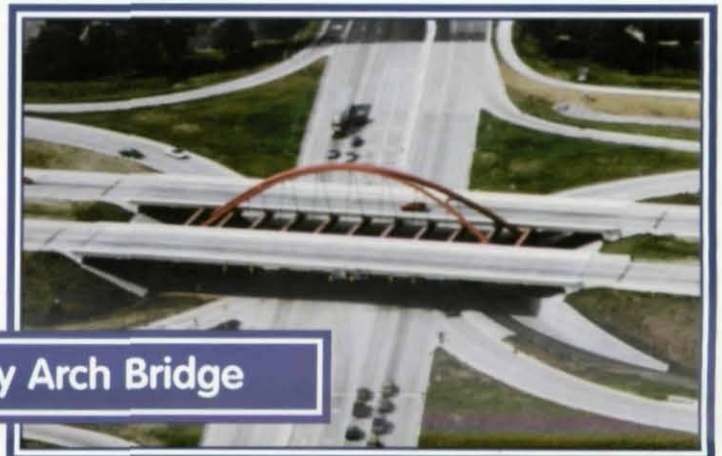
Short Span: SR0029 over the Schuylkill River



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

Designer: J. Muller International
Fabricator: Vincennes Steel
Erector: Harmon Steel
Owner: Indiana Dept. of Transportation
GCs: Milestone Contractors, L.P.
Detailer: Vincennes Steel
Consulting: Woolpert (Civil Design)



Medium Span: Columbus Gateway Arch Bridge