

ANNUAL REPORT 2011




CHAIRMAN'S MESSAGE



LEO VECELLIO
Chairman & CEO
The Vecellio Group

Since 1985, the ARTBA Transportation Development Foundation (ARTBA-TDF) has developed a wide variety of initiatives to promote “research, education and public awareness” about the many positive economic and quality of life benefits of U.S. transportation development. Every single one of them is aimed at supporting ARTBA’s core mission of growing and protecting the transportation construction market. The Foundation’s multi-million dollar program of work, which is guided strategically by a Board of Trustees comprised of top industry executives, counts these as some of its key 2011 achievements:

- Raised more than **\$45,000 to support** the “Highway Worker Memorial Scholarship Program,” which provides post-high school financial assistance to the children of highway workers killed or disabled on the job.
- Hosted a gala dinner to publicly recognize a select group of outstanding leaders who were inducted into the “**Transportation Development Hall of Fame.**”
- Successfully expanded the utilization of the National Work Zone Safety Information Clearinghouse (www.workzone-safety.org), the world’s largest online safety information source. The facility **handled nearly 200,000 information requests and hosted a series of webinars on safety issues for more than 1,000 industry professionals.**
- **Honored nearly 50 industry firms, organizations and public agencies with awards and recognition** for making outstanding contributions to the environment, improving safety in roadway construction zones, implementing exceptional worker safety programs and enhancing the industry’s image through community relations and public outreach programs.
- **Launched a new program—the Women Leaders in Transportation Design & Construction Awards**—to honor extraordinary efforts of individuals, companies and public agencies that have demonstrated leadership and



dedication to innovation in the transportation construction field as well as the promotion of women leaders within the industry.

- Provided comprehensive safety training to **3,500 managers and workforce personnel** through various federal contracts with ARTBA and its partners.
- Hosted the 16th annual **Young Executive Development Program** for 30 industry “rising stars” to introduce them to the federal transportation policy and regulatory processes and ARTBA’s role in shaping them.
- Managed the Local/Tribal Technical Assistance Program Clearinghouse under a contract from the Federal Highway Administration, which was extended for another five years, and distributed nearly **50,000 brochures and informational materials to LTAP/TAP Centers for local distribution.**

We can all be very proud of this record of accomplishments. Let

us continue lending our utmost support to ARTBA and the important outreach programs of the Transportation Development Foundation. In doing so, we fortify the long-term strength and stability of our nation’s transportation design and construction industry.

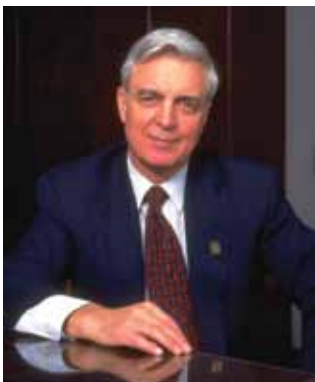
Geo A. Vecellio

Hall of Fame

The “Transportation Development Hall of Fame,” created in 2010 as part of the Foundation’s 25th anniversary, honors individuals or families from the public and private sectors who have made extraordinary contributions to U.S. transportation development and demonstrated exceptional leadership over their lifetime in two categories. Inductees from the 2010 and 2011 classes were recognized during a special September 7 gala dinner at ARTBA’s TransOvation Workshop & Exhibit.

2011

Transportation Design & Construction Industry Leaders (Individuals or Families)



James L. Lammie,
former president
and chief executive
officer of Parsons
Brinckerhoff



Enoch Needles,
a founding
partner in HNTB
Corporation

Transportation Design & Construction Industry Innovators



W. Denney Pate,
senior vice president
and principal bridge
engineer at FIGG

2010

Transportation Design & Construction Industry Leaders (Individuals or Families)



Bob Burleson,
president of the Florida
Transportation
Builders' Association



**Stan and Jack
Lanford,** of Lanford
Brothers Company and
Adams Construction,
respectively

Transportation Design & Construction Industry Innovators



Philip Koehring,
founder of the Koeh-
ring Machine Company

Transportation Builder Institute



The Transportation Builder Institute (TBI) successfully strived to meet the specialized professional development and education needs for scores of transportation design, construction and safety executives. The TBI offered intensive training and leadership courses through the Project Management and “Best of the Best” Transportation Contractor Safety Academies.

LTAP/TTAP Clearinghouse

The Local Technical Assistance Program (LTAP) and Tribal Technical Assistance Program (TTAP) are composed of a network of 58 centers—one in every state, Puerto Rico and regional centers serving tribal governments. Under a Federal Highway Administration contract, which the agency extended in 2011 for another five years, the ARTBA-TDF manages the LTAP/TTAP Clearinghouse operations. The centers enable local counties, parishes, townships, cities and towns to improve their roads and bridges by supplying them with a variety of training programs, an information clearinghouse, new and existing technology updates, personalized technical assistance and newsletters. During 2011, ARTBA-TDF distributed 50,000 brochures and informational materials to LTAP/TTAP Centers for local distribution.

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FHWA Director of Technical Services, Amy Lucero, addresses LTAP/TTAP center staff at the 2011 National LTAP/TTAP Annual Conference, held August 1-4 in Boston, Massachusetts.

National Work Zone Safety Information Clearinghouse

Utilization of Clearinghouse services continued to grow with the facility handling nearly 200,000 information requests annually. New initiatives included a quarterly video news report, print ads and four webinars in which over 1,000 industry professionals participated.

As part of the April 4-8 National Work Zone Awareness Week, the Clearinghouse staff distributed nearly 20,000 brochures, posters, training programs and other informational safety materials. The Clearinghouse also hosted for more than 100 public officials and industry executives a Work Zone Safety Power Workshop in June at the International Bridge Conference in Pittsburgh.



Know Flagging
Motorists kill about 20 flaggers each year. More are injured. Stay safe with 6 procedures.

The Right Signals
TO STOP TRAFFIC TO LET TRAFFIC PROCEED TO ALERT AND SLOW TRAFFIC

The Right Gear
High-visibility safety apparel Performance Class 2 or 3 ANSI/ISEA 107
Use Authorized Flagging Devices (AFDs) when possible

The Right Sign Spacing
A B C

The Right Set Up
Table 8B.1. Stopping Sight Distance As a Function of Speed

Speed	Stopping Sight Distance
20 mph	140 feet
25 mph	180 feet
30 mph	230 feet
35 mph	290 feet
40 mph	360 feet
45 mph	440 feet
50 mph	530 feet
55 mph	630 feet
60 mph	740 feet
65 mph	860 feet
70 mph	990 feet
75 mph	1130 feet
80 mph	1280 feet
85 mph	1440 feet
90 mph	1610 feet
95 mph	1790 feet
100 mph	1980 feet

The Right Practices
 Stand on shoulder in clear view Always face traffic Use clear hand signals Stay alert, focused Always stand at flagging station
 Have a way to communicate with crew and supervisors Use authorized communication devices - no personal phones, iPods, MP3, radios
 Stay away from other crew Plan emergency escape route Treat motorists courteously

The Right Training
You must be trained in safe flagging procedures. Some jurisdictions require certified training.

This material is based upon work supported by the Federal Highway Administration under cooperative agreement No. DTFH61-00-1-00013. Any opinions, findings and conclusions or recommendations are those of the author(s) and do not necessarily reflect the view of the Federal Highway Administration.

www.workzonesafety.org

Safety Training

The Foundation was involved in a variety of safety training programs, including:

- OSHA 10 and 30-Hour Training for the Roadway Construction Industry
- Flagger Training
- First-aid and CPR
- Roadway Safety+ Training

These courses, offered upon request by ARTBA members and through several contracts, are administered by the Foundation. The Foundation and its partners provided training for nearly 3,500 industry professionals during 2011.



FHWA Work Zone Safety

Under a 5 year contract, the ARTBA-TDF and partners developed safety materials and provided training at no-cost on a variety of programs, including:

- 150-page Instructor Guide for the Roadway Safety+ Program
- 33 Interactive Modules covering topics ranging from Night work to Temporary Traffic Control to Disaster Response

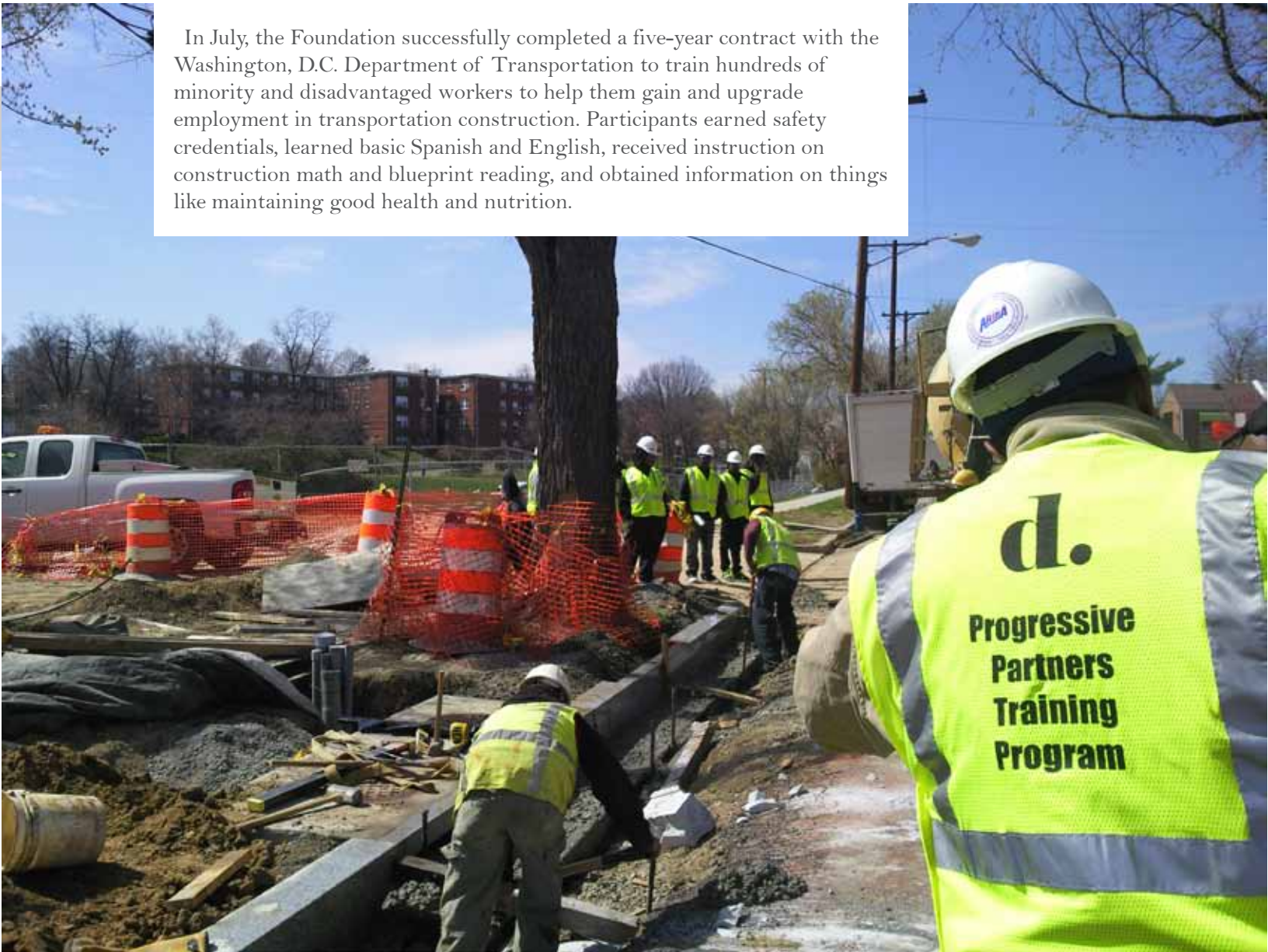


- 29 Toolbox Pamphlets that tie to the training modules
- 5 Trainee Booklets
- 9 Guidance Documents for DOT and contractor personnel covering a range of work zone safety topics including Access/Egress, Payment for Temporary Traffic Control, Motorcycles in Work Zones, and Speed Management.

In September 2011, TDF was notified that it was successful in winning a follow-on contract where many of the materials will be adapted for use on local and rural roads, and content will be modified for on-line delivery.

DDOT Progressive Partners Training Program

In July, the Foundation successfully completed a five-year contract with the Washington, D.C. Department of Transportation to train hundreds of minority and disadvantaged workers to help them gain and upgrade employment in transportation construction. Participants earned safety credentials, learned basic Spanish and English, received instruction on construction math and blueprint reading, and obtained information on things like maintaining good health and nutrition.



National Institute for Occupational Safety and Health (NIOSH)

The Foundation completed a multi-year contract with NIOSH involving the review of 12 years of research data about the causes and contributing factors leading to worker “run overs” or “back overs” by construction trucks and equipment. Based upon review of the data, the TDF developed a comprehensive training course for supervisors and workers to educate them on best practices to avoid such hazards. In September, TDF was awarded a contract from the Occupational Safety and Health Administration, to take the NIOSH program and provide training classes to audiences across the U.S.



16th Annual Young Executive Development Program

In May, the Foundation hosted the annual Young Executive Development Program for more than 30 industry executives. It provides the industry's "rising stars" with an intensive, three-day introduction to the federal legislative and regulatory process. It also included visits with federal agency officials, legislators and congressional staff to discuss the highway/transit authorization bill, and offered an overview of ARTBA's role in representing the industry's interests in the Nation's Capital.

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Highway Worker Memorial Scholarship

Six students from around the country were named recipients of the *Lanford Family Highway Worker Memorial Scholarship*, the first-of-its-kind program that provides post-high school financial assistance to the children of highway workers killed or disabled on the job. The 2011-12 class included:



Brian Brown,
Coeburn, Va.
Liberty University



Joseph Halvorson,
Ames, Iowa
Iowa State University



Brianna Keefe,
Wyalusing, Pa.
Northwestern University



Allison Moore,
Chula, Ga.
University of Georgia



Nahun Morales,
Springfield, Va.
George Mason University



Seth Ward,
Tell City, Ind.
University of Southern
Indiana

New Program: Women Leader Awards

In 2011, the Foundation created a new competition—the “Women Leaders in Transportation Design & Construction Awards”—to honor “extraordinary efforts of individuals, companies and public agencies that have demonstrated leadership and dedication to innovation in the transportation construction field as well as the promotion of women leaders within the industry.” In September, awards were presented in three categories:

- **The Ethel S. Birchland Lifetime Achievement Award:** Named after ARTBA’s executive director from the mid-1920s, it is given to at least two women who have demonstrated outstanding leadership and long-term service in the industry’s public or private sectors:
 - **Cathy Connor**, senior vice president and manager of federal government affairs for Parsons Brinckerhoff
 - **Kathi Holst**, senior vice president, RoadSafe Traffic Systems
- **The Glass Hammer Award:** Honors three companies in the transportation construction industry that have innovative programs and activities directed at successfully promoting women leaders within their organization.
 - AECOM
 - Corman Construction
 - Texas Transportation Institute
- **Future Industry Spotlight Award:** Recognizes two women students enrolled in undergraduate or graduate studies at a U.S. college or university who have achieved an outstanding academic record and demonstrated extraordinary leadership skills within and outside the academic environment.
 - **Mary Robbins**, Auburn University,
 - **Dimitra Michalaka**, University of Florida



1. 2011 ARTBA Chairman Bill Cox presents Cathy Connor with the "Ethel S. Birchland Lifetime Achievement Award."



2. Kathi Holst was the second recipient of the "Ethel S. Birchland Lifetime Achievement Award."



3. AECOM's Matt Cummings and Darcy Immerman accepting "The Glass Hammer Award."



4. Corman Construction's Jo Ellen Sines accepts "The Glass Hammer Award."



5. Dr. Melissa Tooley accepting "The Glass Hammer Award" on the Texas Transportation Institute's behalf.



6. Mary Robbins, a Ph.D. candidate in civil engineering at Auburn University, was a recipient of the "Future Industry Spotlight Award."



7. Dimitra Michalaka, a Ph.D. candidate in transportation engineering at the University of Florida, was also a recipient of the "Future Industry Spotlight Award."

Awards

Nearly 50 industry firms and agencies were recognized for excellence through four main awards programs—PRIDE (community relations and public relations), Globe (environmental protection), Roadway Work Zone Safety Awareness (public education and training), and Contractor Safety (corporate safety programs as measured by “OSHA Recordable Rate”).

The roster of PRIDE winners in the two categories included:

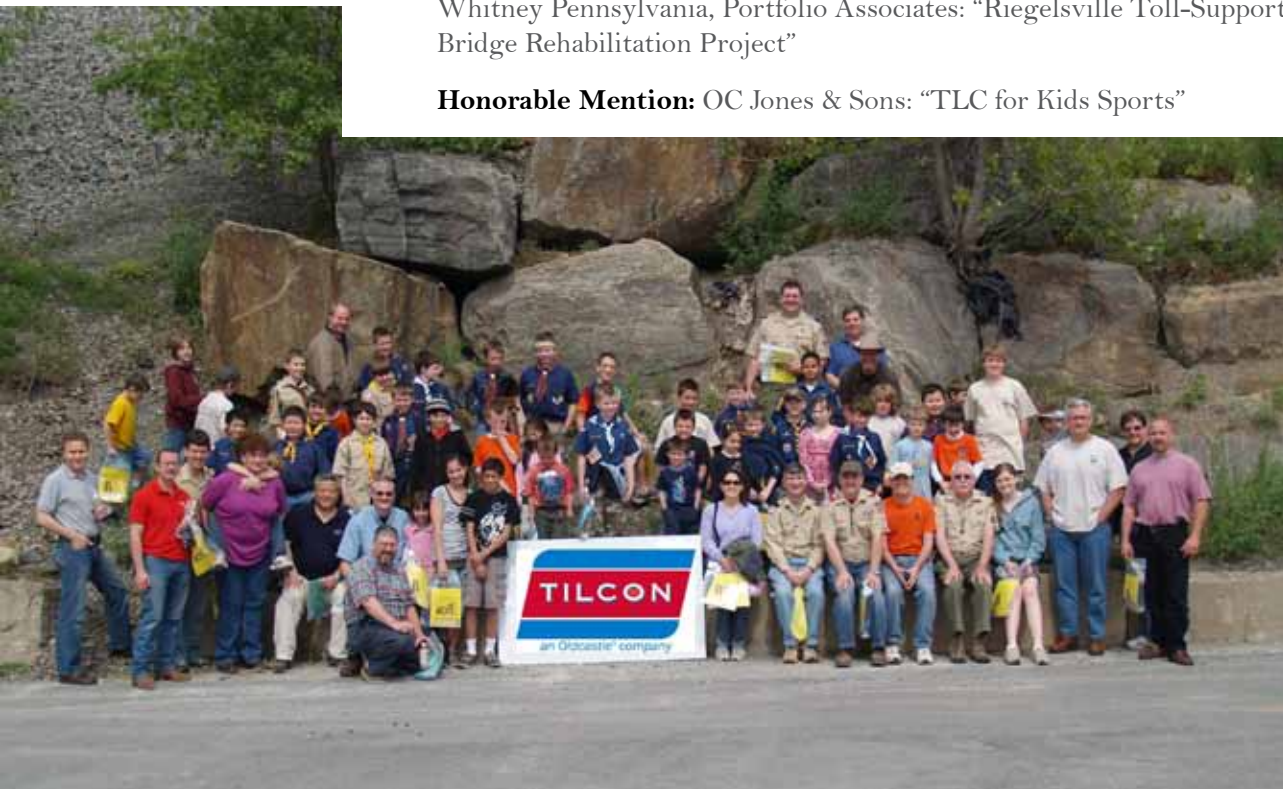
Community Relations: Private Sector

First Place: Tilcon New York: “Tilcon’s Community Relations Program”

Second Place: CH2M HILL: “Seat Belts Save Lives Campaign”

Third Place: Delaware River Joint Toll Bridge Commission, Ammann & Whitney Pennsylvania, Portfolio Associates: “Riegelsville Toll-Supported Bridge Rehabilitation Project”

Honorable Mention: OC Jones & Sons: “TLC for Kids Sports”



First Place:
Tilcon New York:
“Tilcon’s Community
Relations Program”



First Place: NorthGate Constructors: “DFW Connector Public Information Team”



First Place: CH2M HILL: “Elgin O’Hare-West Bypass Project”

Community Relations: Public Sector

First Place: Texas Department of Transportation and NorthGate Constructors: “DFW Connector Public Information Team”

Second Place: Idaho Transportation Department (IDOT), Connecting Idaho Partners, RBCI/The Langdon Group: “I-84 East Community Relations Program”

Third Place (Tie): New Jersey Department of Transportation (NJDOT) and Gannett Fleming: “New Jersey Route 18 Reconstruction”

Third Place (Tie): Colorado Department of Transportation (CDOT) and FIGG: “4th Street Bridge, Pueblo”

Public-Media Relations/Education: Public Sector

First Place: Illinois Department of Transportation (IDOT) and CH2M HILL: “Elgin O’Hare-West Bypass Project”

Second Place: Florida’s Turnpike Enterprise, PB Americas, KPMG LLP and URS Corporation: “Homestead Extension of Florida Turnpike All-Electronic Tolling Communications and Marketing Program”

The 2011 Globe honorees:

Category: Bridges (Projects > \$100 Million)

First Place: FHWA-Central Federal Lands Highway Division (CFLHD), HDR, T.Y. Lin International, and Jacobs Engineering: “Hoover Dam Bypass”

Second Place: Pennsylvania Turnpike Commission, FIGG Bridge Engineers, and Walsh Construction Company: “I-76 Allegheny River Bridge”

Category: Bridges (Projects < \$100 Million)

First Place: Utah Department of Transportation and FIGG: “U.S. 191 Colorado River Bridge”

Second Place: T.Y. Lin International, Centre City Development Corporation, Safdie Rabines Architects: “Harbor Drive Pedestrian Bridge”

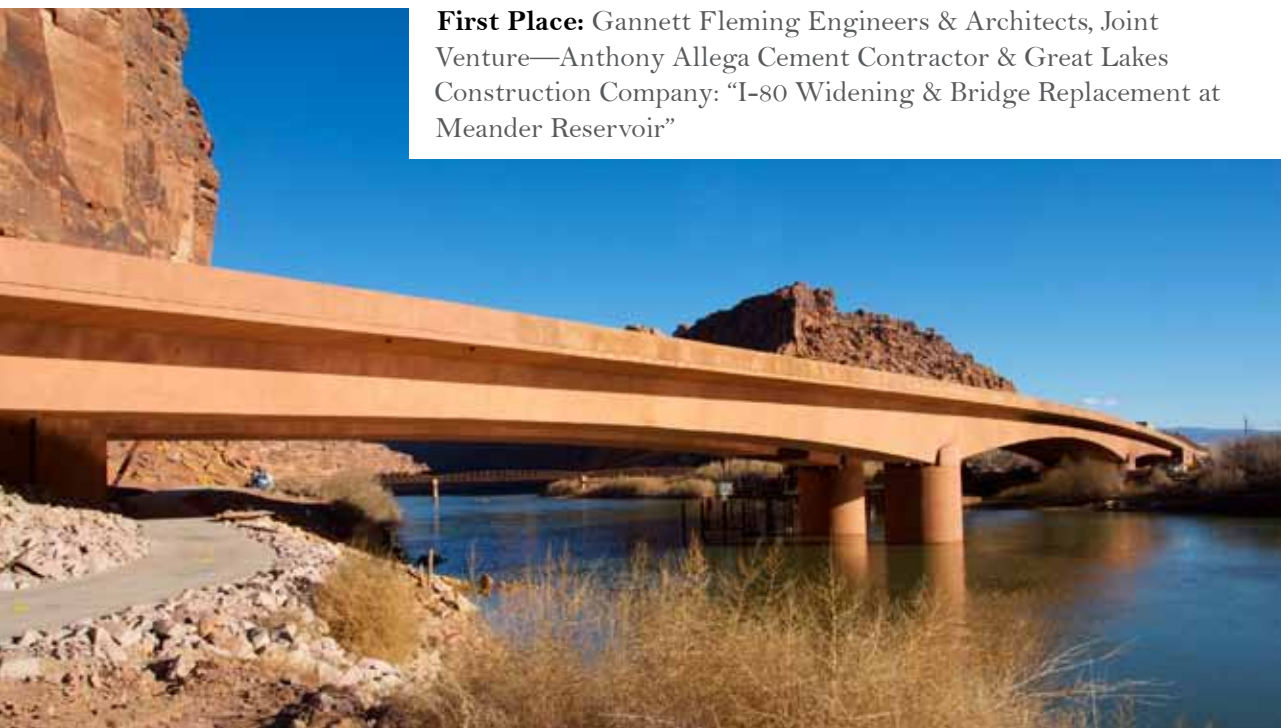
Category: Highway (> \$100 Million)

First Place: New Jersey Department of Transportation (NJDOT) and Gannett Fleming, Inc.: “New Jersey Route 18 Reconstruction”

Second Place: Austin Bridge & Road, L.P., RECON, Inc., Argus Construction Services, and Arizona Department of Transportation: “State Route 303L—Happy Valley Road to Lake Pleasant Parkway”

Category: Highway (< \$100 Million)

First Place: Gannett Fleming Engineers & Architects, Joint Venture—Anthony Allega Cement Contractor & Great Lakes Construction Company: “I-80 Widening & Bridge Replacement at Meander Reservoir”



First Place: UTAH DOT & FIGG: “U.S. 191 Colorado River Bridge”



First Place: "I-80 Widening & Bridge Replacement at Meander Reservoir"

Roadway Work Zone Safety Awards

Outreach Campaign:

National: CH2M HILL: “Work Zone Safety-Driving to Zero” Campaign

Regional: Transurban-Fluor, AAA Mid-Atlantic: “Orange Cones. No Phones.” Campaign

Training Program:

National: The LANE Construction Corporation: “Safe Trailer Towing Operations for Non-Commercial Vehicles”

Regional: Flatiron Construction Corporation: “Western Region Protecting Work Zones Committee”

ARTBA-TDF & CNA “Contractor Safety Awards”

Awards were presented in three categories, based on the number of employee hours worked.



500,000 or fewer hours:
Bruce & Merrilees Electric Co.
New Castle, Pa.



500,001 to 1,000,000 hours (tie):
Blyth Construction, Inc., Charlotte, N.C.
& C.F. Jordan Construction LLC
El Paso, Texas



More than 1 million hours:
Granite Construction Company
Watsonville, Calif.

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The American Road & Transportation Builders Association Transportation Development Foundation (ARTBA-TDF) was established in 1985 as a 501 (c) 3 tax-exempt entity to support research, education and public awareness.

Corporate and personal contributions to support the activities of the Foundation may be tax-deductible. The Foundation's Federal Tax Identification Number is 52-6283894.

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