



# The Construction Zone

The official newsletter of the Construction Institute

Volume 4, Issue 2  
March/April 2004

Current Circulation:  
16,000 copies

## Virginia Governor Warner added to Atlantic Coast Construction

The Honorable Mark R. Warner, Governor of Virginia (invited) has recently been added as a Keynote Speaker for *Atlantic Coast Construction* (ACC), the Construction Institute's 2-day, 2-track event at the Sheraton Premiere in Tyson's Corner, VA. Scheduled for May 12-13, 2004, the conference includes a Keynote Address by The Honorable Ernest J. Istook, Jr., Member of Congress, Fifth District-Oklahoma, 22 presentations on "Mega Projects" along the Atlantic Coast, an Executive Forum presented by leading insurance and surety executives, local site tours, and the 2004 OPAL Awards Dinner.



Governor Warner will provide the Keynote Address on Wednesday, May 12. Since his inauguration in January 2002, Governor Warner has taken a business-like, bipartisan approach in reforming government services and spending. His administration has been marked by a commitment to restore Virginia's fiscal integrity and build the foundation for a stronger economy, improved education, and a better quality of life for all Virginians. He oversees the most diverse administration in history with an energetic commitment to accountability and "straight talk." Prior to entering public office, Governor Warner had a successful business career in venture capital, funding innovative ideas, and creating jobs and prosperity throughout Virginia and the nation.

*Atlantic Coast Construction* promises to be the premier event for the construction industry, so be certain to attend! For additional information see page 5 or visit the CI web site at [www.ConstructionInst.org](http://www.ConstructionInst.org).

### IN THIS ISSUE

- 2 Milestones in Construction
- 3 CI Loses a Friend
- 3 Board of Directors
- 4 ACC Brochure
- 5 ACC Top 10 Reasons
- 6 - 8 Corporate Members
- 8 Online Career Center
- 9 LA & NY Seminars
- 9 Temporary Structures Committee
- 10 Spotlight on our Corporate Members
- 11 Calendar

**ATLANTIC COAST**  
CONSTRUCTION

Washington, D.C.  
May 12 - 13, 2004



# Milestones in Construction

## Tunkhannock Viaduct



Built in 1912 to help haul goods across Northeastern Pennsylvania, the Tunkhannock Viaduct is one of North America's most beautiful bridges and one of ASCE's Civil Engineering Landmarks.

Nicholson Bridge (as the locals call it) was built by the Delaware, Lackawanna, and Western Railroad Company as a means to save time, money, and mileage. The railroad enlisted Abraham B. Cohen, sometimes referred to as A. Burton Cohen, to design the bridge. Flickwir & Bush, Inc. set out to make Cohen's design a masterpiece of both engineering and construction. The viaduct is 240 feet above Tunkhannock Creek and features ten

(10) 180-foot arches and two (2) 100-foot arches with a total span of 2,375 feet – making it the longest concrete bridge in the world at the time of completion. A system of cable cars riding wires suspended from giant wooden towers (169 feet tall) at each side of the stream valley were used to transport concrete forms, steel falsework, and concrete. Thirteen (13) piers were sunk to bedrock with many resting 60 feet to 138 feet below grade. The bridge required more than 167 thousand cubic yards of concrete, 189 thousand barrels of cement, and 1140 tons of steel reinforcement, with almost half the bulk of the bridge being underground.



The Lackawanna Mainline delivered construction supplies to 500 laborers who worked more than two (2) years to complete the bridge. Once completed, the bridge shaved 3.6 miles off the Hoboken-Buffalo train route and saved almost an hour of travel time through the elimination of seven (7) circles of curves, reducing the maximum curve from six (6) degrees to three (3) degrees and cutting the eastbound grade from 1.23 percent to 0.68 percent.

Many legends exist about the bridge, but perhaps the most famous (or infamous) are the gruesome stories locals tell about workers still trapped in the bridge after falling from cable cars, scaffolding, and other construction apparatus. Although the legends are false, three men did fall to their deaths during construction. Along with continuing the legends, locals hold a festival every September to honor the bridge. Dubbed "Nicholson Bridge Day" by the borough of Nicholson, the festival encompasses several streets and features everything from bands and food to contests and games.



Many locals believe that Nicholson would not be the town it is today without the bridge. The Tunkhannock Viaduct (Nicholson Bridge) helped define an era in construction, as well as a community for more than 90 years and will continue to do so far into the future.

For additional information on the Tunkhannock Viaduct, visit ASCE's History and Heritage website at [www.asce.org/history](http://www.asce.org/history).

## CI Merchandise Available!



To purchase a CI T-shirt, polo shirt, lapel pin, or pen and pencil set, visit the CI Web site at [www.ConstructionInst.org](http://www.ConstructionInst.org) to download an order form. Every purchase includes a free hard-hat decal of the CI logo.

Submit a photo of you or a colleague wearing CI gear on the job and receive a free CI lapel pin if your photo is published. Photos may be submitted to the CI office at [ci@asce.org](mailto:ci@asce.org).



# CI Loses a Friend & Colleague



The Construction Institute (CI) recently lost a dear friend and ardent supporter in Mr. Charles E. (Charlie) Mergentime, P.E., F.ASCE, who passed away on Sunday, February 22, 2004 at the young age of 72. In addition to serving as Chairman and CEO of MERCO, Inc. and President of Mergentime Corporation, Charlie volunteered his service to ASCE as Founding President of CI from October 1, 2000 until September 30, 2001, during which time he led the Board in actively pursuing corporate members and implementing new products and services for individual members. He also served on the ASCE task committee that developed CI's Bylaws and Business Plan, effectively laying the groundwork for CI's early success.

Upon receiving a Bachelor of Science degree in civil engineering from Purdue University in 1953, Charlie began his construction career as an officer in the U.S. Army Corps of Engineers, earning a commendation from the Republic of Korea for his command of the combat construction company on the Yang Po Bridge in Hongchon. In 1969, he founded Mergentime Corporation, a heavy construction company that soon became synonymous with quality work and innovative solutions in tunneling, foundation, and underpinning projects, as well as bridge construction. Under Charlie's leadership, the firm received more than one billion dollars in construction contracts including significant portions of the subway systems in Atlanta, Boston, Philadelphia, Pittsburgh, Washington, D.C., and Edmonton; Consumers Nuclear Power Plant in Midland, MI; District Court Building at Judiciary Square in Washington, D.C.; and Bergen Tunnel in Jersey City, NJ.

Charlie's dedication to the construction industry was evident by his involvement in a number of organizations, where he often served as an officer or Board member. He was an active member of The Moles, having served as President in 1984, and The Beavers, having served as President in 1992 and as a Trustee to the Beavers Charitable Trust. He was also a member of the Associated General Contractors of New Jersey; the National Research Council's Transportation Research Board, where he served on the Tunnels & Underground Structures Committee; the Society of American Military Engineers; and many other professional organizations.

During the course of his 50-year career in construction, Charlie received numerous awards and recognition from his peers. In 1980, he was named a "Distinguished Engineering Alumnus" by Purdue University, which later honored him as an "Old Master" in 1983 and bestowed an Honorary Doctorate of Engineering in 1993. He received The Moles Award for Outstanding Achievement in Construction in 1987 and an Award of Excellence from the National Capital Section of the American Concrete Institute in 1992. Less than two months ago, ASCE selected Charlie to receive the 2004 OPAL (Outstanding Projects and Leaders) Award for lifetime achievement in construction. The OPAL Award will be presented posthumously on May 12, 2004.

Charlie was an entrepreneur and a businessman; a competitor and a colleague; a boss and a mentor; a confidant and a friend; a husband and a father; and he will be sadly missed by all who had the pleasure of knowing him.

Donations may be made to "The Charles E. Mergentime Engineering Scholarship Fund" c/o MERCO, Inc., 1117 Route 31 South, Lebanon, NJ, 08833.

## CI Board of Directors

President:  
Robert E. Alger  
President & CEO  
The Lane Construction Corporation

Senior Vice President:  
Robert A. Pond  
Executive Vice President  
Frontier-Kemper Constructors, Inc.

Vice President:  
Walker S. Kimball III  
Project Manager  
Bechtel

Treasurer:  
Richard D. Mac Donald  
Vice-President, Construction Division  
Weeks Marine, Inc.

Past President:  
Brian C. Kaub  
Area Manager  
Granite Construction Company

Construction Directorate:  
J.H. Dastur  
Vice President  
Traylor Pacific, Div. of Traylor Brothers, Inc.

Owners Directorate:  
Achille A. Niro  
Assistant Chief Engineer  
The Port Authority of NY & NJ

Engineering Directorate:  
Charles L. O'Reilly Jr.  
Executive Vice President  
HNTB

Materials Directorate:  
Ronald G. Burg  
Vice President  
Construction Technology Laboratories, Inc.

Equipment Directorate:  
William E. Finerty  
Corporate Accounts Manager  
Caterpillar, Inc.

Services Directorate:  
Lee D. Smither  
Director  
FMI Corporation

Education & Research Directorate:  
Ralph D. Ellis Jr.  
Associate Professor  
University of Florida

ASCE Board Contact:  
Kris R. Nielsen  
Chairman of the Board  
The Nielsen-Wurster Group, Inc.

# ATLANTIC COAST CONSTRUCTION

Sheraton Premier • 8661 Leesburg Pike • Vienna, VA 22182  
May 12-13, 2004

**30 Presentations**

**Local Site Tours**

**Networking Opportunities**

**Executive Forum**

**OPAL Awards Dinner**

Presentations on Large-Scale Projects:

- Dulles Development D<sub>2</sub> Program
- Woodrow Wilson Bridge
- WMATA Blue Line Extension to Largo
- Replacement of the Cooper River Bridges
- FDR Drive, New York City
- Charlotte I-85 Design-Build
- I-95/I-395/I-495 Interchange, VA

**Sponsorships & Exhibiting Opportunities Available**

Please contact Debbie Kates at  
703-295-6313 or [dkates@asce.org](mailto:dkates@asce.org).

Executive Forum Speakers:

- Peter Kutil, King & King
- Christian Burger, Burger Consulting
- Paul Healy, Willis Group
- Bill Marino, Allied NA
- Bill Waters, CNA Surety
- Lee Smither, FMI Corporation
- Michael Loulakis, Wickwire Gavin
- Kris Nielsen, Nielsen-Wurster
- Robert Frentzel, LaSalle Bank
- Dick Yeazel, Zurich, NA

**Keynote Addresses by:**

**The Honorable Mark R. Warner  
Governor of Virginia (invited)**

**The Honorable Ernest J. Istook, Jr.  
Member of Congress  
Fifth-District, Oklahoma**

Visit our website at [www.ConstructionInst.org](http://www.ConstructionInst.org) to download a registration form  
or contact the CI office at 703-295-6390 or [ci@asce.org](mailto:ci@asce.org).



# Register Today!

## Top 10 Reasons to Register for Atlantic Coast Construction!


10. Meet the CI Staff
9. Visit the beautiful D.C. area
8. Network with colleagues
7. See Dulles Airport like you've never it seen before
6. See the Space Shuttle Enterprise and an SR-71 Blackbird Reconnaissance Aircraft
5. Gain knowledge of Mega Projects and impress your boss
4. Support the Construction Institute
3. Meet Congressman Istook
2. Meet Governor Warner
1. Who wants to go to work anyway!

**[Click here to register!](#)**



# Construction Institute Corporate Members

**Construction Risk Management**



**ALLIED NORTH AMERICA**

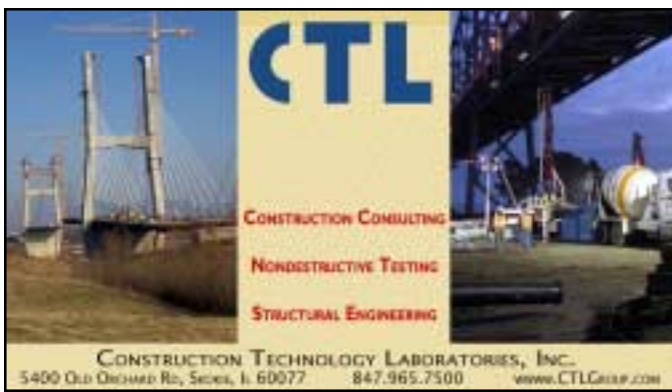
390 North Broadway  
Jericho, New York 11753-2110  
Tel: (516) 733-9211 • Fax: (516) 681-7460 • www.alliedna.com

William A. Marino  
Chairman and Chief  
Executive Officer

**William P. Waters**  
Senior Vice President  
Chief Underwriting Officer

**CNA SURETY**

CNA Plaza 13S  
Chicago, IL 60685  
Phone: 312-822-2334  
Fax: 312-822-7517  
wpwaters@cnaSurety.com  
[www.cnasurety.com](http://www.cnasurety.com)



**CTL**

CONSTRUCTION CONSULTING  
NONDESTRUCTIVE TESTING  
STRUCTURAL ENGINEERING

CONSTRUCTION TECHNOLOGY LABORATORIES, INC.  
5400 Old Orchard Rd, Skokie, IL 60077 847.965.7500 [www.CTLGroup.com](http://www.CTLGroup.com)

**DMJM HARRIS**  
*The People Who Get It Done™*  
AN AECOM COMPANY

PROJECT DEVELOPMENT • PLANNING • DESIGN  
PM/CM • OPERATIONS & MAINTENANCE

605 Third Avenue • New York, NY 10158  
Tel: (212) 973-2900; Fax: (212) 953-0399  
515 South Flower Street, Ninth Floor • Los Angeles, CA 90071  
Tel: (213) 593-8200; Fax: (213) 593-8601  
[www.dmjmharris.com](http://www.dmjmharris.com)

Frontier-Kemper  
Constructors, Inc.



EXCELLENCE IN UNDERGROUND  
AND HEAVY CIVIL CONSTRUCTION

Headquarters Office:  
1895 Allen Road, Evansville, IN 47718  
812-426-2741

Northeast Division:  
411 FDR Avenue  
Dubuque, NY 10863  
914-738-0280

Northwest Division:  
4639 - 21st Avenue West, K3H  
Surrey, BC V4N 4C9  
236-754-4199

e-mail: [information@frontierkemper.com](mailto:information@frontierkemper.com) • [www.frontierkemper.com](http://www.frontierkemper.com)

**GRANITE CONSTRUCTION COMPANY** SINCE 1922

R. YALE LYMAN, P.E.  
BUSINESS DEVELOPMENT MANAGER

HEAVY CONSTRUCTION DIVISION  
P.O. BOX 50024  
WATSONVILLE, CA 95077-5024  
831/722-2716  
FAX 831/722-4159



**Ingersoll Rand**

**CONSTRUCTION EQUIPMENT**  
WHEN YOU NEED IT AND WHERE YOU NEED IT.

 Ingersoll-Rand  Bobcat  
 Blaw-Knox  Club Car

[www.irco.com](http://www.irco.com)

Heavy & Highway  
General Contractors.

Celebrating 100 years of  
performance, trust &  
dependability.

THE  
**LANE**  
CONSTRUCTION  
CORPORATION

1902 100 YEARS 2002  
A Commitment to Excellence

965 East Main Street  
Meriden, CT 06450  
Phone: 203-235-3351  
Fax: 203-237-4260

Please visit our website at  
[www.laneconstruct.com](http://www.laneconstruct.com)

# Construction Institute Corporate Members

## LaSalle Bank

Member ABN AMRO Group

### Robert W. Frentzel

Senior Vice President  
Construction and Engineering Division

LaSalle Bank N.A.  
135 South LaSalle Street  
Chicago, Illinois 60603  
312-904-8710  
Fax: 312-904-6021  
robert.frentzel@abnamro.com



**MASSMAN**  
CONSTRUCTION CO.

Bringing Innovation to Reality  
www.massman.net  
Kansas City, MO

## Mergentime Corporation MERC0, Inc.

1117 Route 31 South Phone: 908/730-8622  
Lebanon, NJ 08833 Fax: 908/730-6472

E-mail: mercoinc@worldnet.att.net

## MORETRENCH

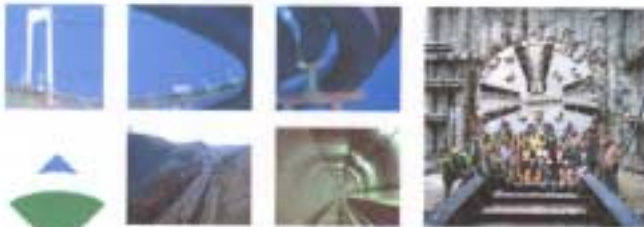
... since 1931.

Dewatering  
Ground Freezing  
Jet Grouting  
Soil Nailing  
Mini piles

Groundwater Remediation  
Landfill Gas Collection  
Industrial Piping  
Groundwater & Wastewater  
Treatment

Rockaway, NJ (973) 627-2100 ♦ Tampa, FL (813) 741-0256  
www.moretrench.com

Creating your pathway to the future since 1892



**OBAYASHI** Obayashi Corporation  
345 Allerton Ave. South San Francisco, CA 94080  
P: (650) 952-4910 F: (650) 589-8384



P.B. Constructors Inc.

A Parsons Brinckerhoff  
Company

Spring Park Technology Center  
465 Spring Park Place  
Herndon, VA 20170-5227  
Direct: 703-742-5808  
Fax: 703-742-5961  
Cell: 571-228-5544  
ludlam@pbworld.com

**Roger J. Ludlam, P.E.**  
President

## Peter Kiewit Sons', Inc.

Offices nationwide.

Raising the standard of excellence  
in construction management  
and general contracting.



www.Kiewit.com Kiewit Plaza, Omaha, NE 68131  
(402) 943-1300 Fax (402) 271-2939

## Schnabel

FOUNDATION COMPANY

Atlanta, Boston, Chicago,  
Denver, Houston, Los Angeles,  
Philadelphia, San Francisco,  
Washington, DC

Specializing in Earth  
Retention Systems and  
Specialized Foundations

www.schnabel.com

# Better Contacts, Better Connections, & Better Careers!

The Construction Institute (CI) is proud to introduce its new Career Connections Web site developed in conjunction with the American Society of Civil Engineers (ASCE). The CI site shares a common database with ASCE allowing employers access to a greater number of resumes and providing job seekers free access to a broader range of employment opportunities.

The CI site offers additional advantages for both the employer and the job seeker. Construction and construction-related employers can post job listings in real time, track online activity to measure advertising results, search the resume database for matching candidates, and receive email notifications of new prospects. Designers, construction managers, educators, inspectors, and other construction-related job seekers can post and update their resumes, search the job-listing database, receive emails of jobs that match their profile, and apply for jobs directly from the CI Web site. Corporate members of CI receive significant discounts of 15% to 30% when posting their open positions, while individual members of CI may post their resumes free of charge.

Find the employee or job you desire through CI-ASCE Career Connections. For employer job-posting packages and rates visit the CI website at [www.ConstructionInst.org](http://www.ConstructionInst.org) or contact Sean Scully at 703-295-6154 or [sscully@asce.org](mailto:sscully@asce.org).

*Without Question.™* **The St Paul**  
Property and Liability Insurance

*For information on our insurance products and services for the construction industry, contact your independent agent or visit [www.stpaul.com](http://www.stpaul.com)*

**deGussa**  
Construction Division

**MASTER BUILDERS**  
Infrastructure  
[www.masterbuilders.com](http://www.masterbuilders.com)

Master Builders Total Systems Approach provides admixture product and equipment solutions for all your underground construction projects.

**MASTER BUILDERS, INC.**  
Houston, TX 77047  
Phone: 832-461-3388  
[www.masterbuilders.com](http://www.masterbuilders.com)



**UNDERGROUND CONSTRUCTION CO., INC.**  
Engineering Contractors

P.O. Box 2000, 5145 Industrial Way  
Benecia, CA 94510  
707-746-8800  
[www.undergrnd.com](http://www.undergrnd.com)



**Washington**  
Infrastructure

**BRUCE McKELLAR**  
Senior Vice President - Major Projects

720 Park Boulevard  
P.O. Box 22  
Boise, ID USA 83729  
Phone: (208) 386-6028  
Fax: (208) 386-5575  
[bruce.mckellar@wgint.com](mailto:bruce.mckellar@wgint.com)

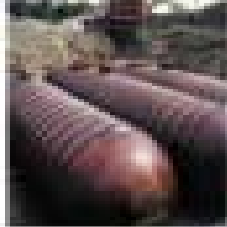
Washington Group International, Inc.

**The Client Advocate**

Mark Reagan, Practice Leader, Construction  
973-410-4941

**Willis**

**FIBERGLASS UNDERGROUND TANKS**



- UL Listed
- Single-, Double- & Triple-wall tanks
- 600- to 50,000-gallon sizes
- Four manufacturing locations nationwide

(952) 887-1880 • (952) 887-1882 FAX  
[www.xerxescorp.com](http://www.xerxescorp.com) **XERXES**  
CORPORATION

# Regional Seminars Highlight Large-Scale Projects

The Construction Institute (CI) recently hosted two (2) regional seminars highlighting large-scale construction projects in California and New York. *Mega Projects of Southern California* was held at The Century Plaza Hotel in Los Angeles on January 16, while *Mega Projects of the East Coast* was held at The Hilton New York in New York City on January 28. Organized by CI's Construction Directorate under the leadership of Jim Dastur of Traylor Pacific and Rick MacDonald of Weeks Marine, each half-day seminar attracted more than 125 attendees and offered an inside look at some of the more complex (and costly) projects in the region.

*Mega Projects of Southern California* included presentations on Pier 400/Port of Los Angeles – an \$818 Million project in one (1) of the largest manmade seaports in the world; Oceanside-Escondido Rail Project – a \$352 Million project with 15 stations and more than 20 miles of track; Gerald Desmond Bridge Replacement – a \$600 Million cable-stayed bridge with a 610-meter main span; Proposed Expansion of Los Angeles International Airport – an \$8.9 Billion initiative to upgrade airfield facilities, terminal facilities, parking facilities, ancillary facilities, and ground access; and North East Interceptor Sewer – a \$162 Million tunneling project to construct six (6) miles of interceptor sewer. The day began with a presentation on 2004 Construction Trends by Rick Dutmer of FMI Corporation in Denver, CO. Projected hot sectors for the west coast in 2004 include water/wastewater facilities, highways, public safety facilities, healthcare, selective manufacturing, and renovations, while weak sectors include hotels, offices, warehouses, and amusement/recreation.

*Mega Projects of the East Coast* included presentations on East Side Access/Long Island Corridor – a \$5.3 Billion initiative organized into 21 construction packages, including a new station, tunnels, trackwork, yardwork, and reconfiguration of the lower level of Grand Central Terminal; Hudson Bergen Light Rail Transit – an innovative public-private partnership that has received national recognition; Downtown PATH Reconstruction – a non-conventional design-build project involving more than 20 consultants and 100 major subcontractors and suppliers; FDR Drive Reconstruction – a \$136 Million project to rehabilitate 1.25 miles of roadway without disrupting traffic; and Highway 9A West/Lower Manhattan – a NYSDOT initiative to restore the roadway to its pre 9/11 vehicular capacity and improve pedestrian/bicycle access. Lee Smither of FMI Corporation in Raleigh, NC gave the opening presentation on 2004 Construction Trends. It was interesting to note that projected hot sectors for the northeast in 2004 are similar to the west coast with the exception of water/wastewater facilities and highways, while weak sectors are projected to be the same as the west coast.

A limited number of the Los Angeles program notebooks are available for purchase at \$15 each (S&H included). Please contact the CI office at 703-295-6390 or [ci@asce.org](mailto:ci@asce.org) if you are interested in purchasing a notebook.

CI thanks our speakers for their support:

## *Mega Projects of Southern California*

### **2004 Construction Trends**

**Rick Dutmer** - FMI Corporation

### **Pier 400 - Port of Los Angeles**

**Stacey Jones** - Port of Los Angeles

### **Oceanside - Escondido Rail Project**

**Don Bullock** - North County Transit

### **Gerald Desmond Bridge**

**Doug Thiessen** - Port of Long Beach

### **Proposed Expansion of LAX**

**Jim Ritchie** - Los Angeles World Airports

### **North East Interceptor Sewer**

**Michael Traylor** - Traylor Bros., Inc.

**Michael McKenna** - Jacobs Associates

**Chris Hebert** - Traylor Shea Ghazi Precast

## *Mega Projects of the East Coast*

### **2004 Construction Trends**

**Lee Smither** - FMI Corporation

### **East Side Access - Long Island Corridor**

**Joseph N. Siano** - Metropolitan Transportation Authority

### **Hudson Bergen Light Rail Transit**

**Al Fazio** - Washington Group

### **Downtown PATH Reconstruction**

**John Kolaya** - Yonkers Contracting Co.

### **FDR Drive Reconstruction**

**Dave Voseller** - Weeks Marine

### **Highway 9A West - Lower Manhattan**

**John Kowalski** - NYSDOT

## Temporary Structures Committee

The Construction Institute is recruiting new members to join the Temporary Structures Committee within the Engineering Directorate. Presently, members are drafting a mission statement and developing the committee's goals and objectives. CI members who have experience and/or interest in temporary structures are encouraged to participate. If you would like to be considered for membership in this committee, contact the CI office at 703-295-6390 or [ci@asce.org](mailto:ci@asce.org).

# Spotlight on our Corporate Members



## Traylor Bros., Inc.

**Determination, Sophistication, and Expertise**

In 1946, William F. (Bill) Traylor founded Traylor Bros., Inc. in Evansville, Indiana. Ever down to earth and approachable by any worker, Bill attended to detail and thrived on conquering difficult projects – projects that many others avoided. By 1956, he had bridged the Ohio River and driven his first mile of tunnel, succeeding through a rare combination of honesty, courage, common sense, attention to detail, and an uncanny innovative ability. Today, the Traylor Bros. workforce – managers, engineers, craftsmen, and family members, alike – follow Bill's example when it comes to tackling the tough projects.

Thomas W. (Tom) Traylor, Chairman & CEO, with brother Glen R. Traylor, Vice President, have continued their father's dream by growing Traylor Bros., Inc. into a multi-divisional organization with operations in all regions of the United States. The strength of family has been bolstered by the participation of the third generation of Traylor's: Tom Jr., Mike, Chris, and Dan, each of whom is committed to carrying the family tradition to the next generation.



During the past 50 years, Traylor Bros., Inc. has grown and evolved into three (3) operating Divisions: Heavy Civil, Underground, and Traylor Pacific. The Heavy Civil Division provides comprehensive, cutting-edge bridge building; lock and dam construction; and design-build services. As prime contractor, Traylor Bros. has completed more than 130 complex bridge projects including world record cable-stayed structures and segmental bridges.

The Underground Division works with state-of-the-art technology involving soft ground, hard rock, and drill & shoot tunnel projects. Traylor Bros. has constructed more than 100 tunneling projects, including two (2) of the most technically demanding EPB (Earth Pressure Balance) Tunnels in North America and more than 40 miles of hard rock tunnels utilizing Tunnel Boring Machines (TBM). Traylor Pacific has constructed some of America's largest deepwater container piers, wharf facilities, and fish hatcheries requiring markedly shortened schedules and the use of challenging engineering and construction methodologies.

Few companies are able to maintain success in the underground and heavy civil industry. With an experienced, disciplined engineering/management staff and



a skilled field workforce, Traylor Bros., Inc. has developed innovative construction techniques, methods, and solutions, which demonstrate their unparalleled expertise and comprehensive self-performance capabilities. Traylor Bros. record of success – and owner satisfaction – speaks for itself.

For additional information, visit the Traylor Bros., Inc. Web site at [www.traylor.com](http://www.traylor.com).



# Calendar of Events

## CI Regional Conferences

**Atlantic Coast Construction**  
Washington, DC  
May 12-13, 2004

## EJCDC Meetings

**Denver, CO**  
June 11-12, 2004



## CI Regional Seminars

**Mega Projects - West Coast III**  
San Francisco, CA  
August 20, 2004

**CI Day/ASCE Conference**  
Baltimore, MD  
October 22, 2004

**Mega Projects - Southern CA II**  
Los Angeles, CA  
January 21, 2005

**Mega Projects - East Coast II**  
New York, NY  
January 26, 2005

## Board of Directors Meetings

**Washington, DC**  
May 14, 2004

**San Francisco, CA**  
August 21, 2004

**Baltimore, MD**  
October 22, 2004

**New York, NY**  
January 27, 2005

## CI Endorsed Conferences

**Innovative Materials & Technologies for Construction & Research**  
Leece, Italy  
June 6-9, 2004

CI is a co-sponsor for the First International Conference on "Innovative Materials & Technologies for Construction Research" (IMTCR04). The aim of the conference is to promote and exchange information on innovation in materials & technologies in construction and restoration in the field of civil engineering. For more information, visit [www.imtcr04.unile.it](http://www.imtcr04.unile.it).



**BECHTEL INFRASTRUCTURE CORPORATION**

**Building solutions  
for a  
better future**

Airports • Rail and Transit • Highways, Tunnels, Bridges • Hydro Facilities

 50 Beale Street, San Francisco, CA 94105 Tel. 415 / 768-1234 • [www.bcdria.com](http://www.bcdria.com)



Ahead...

**Slattery**  
**SKANSKA**

Slattery Skanska continues to move ahead by combining global resources with local presence to bring value to our clients. Our impressive portfolio of high-profile projects stands as testament to the Slattery Skanska team of top-notch construction professionals.

SLATTERY SKANSKA INC.  
16-16 Whitestone Expressway  
Whitestone, NY 11357  
718.767.2600

## CI Membership

The Construction Institute offers several levels of membership for individual and corporate members.

Student Member - \$25 annually  
Associate Member - \$50 annually  
Member - \$100 annually  
Master Builder - \$200 initiation fee  
ASCE Member with CI as 1st Institute - free  
ASCE Member with CI as 2nd Institute - \$20 annually  
Associate Corporate Member - \$750 annually  
Corporate Member - \$2000 annually

The CI membership year runs from January 1st to December 31st. For more information on CI membership and an explanation of the membership levels, please contact CI at 703-295-6390 or via email at [ci@asce.org](mailto:ci@asce.org). You can also visit our Web site at [www.ConstructionInst.org](http://www.ConstructionInst.org).

## Share Your Thoughts

Thank you for reading *The Construction Zone*. If you have an idea for a future article or if you have any other comments or suggestions, please contact us. We welcome articles of up to 500 words on any topic that may be of interest to our members. If you would like your article published in *The Construction Zone*, please email it to [ci@asce.org](mailto:ci@asce.org). We look forward to hearing from you.

## Contact CI

1801 Alexander Bell Drive  
Reston, VA 20191  
703-295-6390  
[ci@asce.org](mailto:ci@asce.org)  
[www.ConstructionInst.org](http://www.ConstructionInst.org)