



Official Newsletter

for the
Pittsburgh Chapter



**Association for
Bridge Construction & Design**

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President's Message

I received an email from a good friend of mine, Dick Salmon, today. He and I are natives of Massachusetts. I first met him while I was working for Lichtenstein during a tour of duty that I was performing out of their Jaxonville, Florida office some years back.

I asked Dick if I could share it with you, because it made me proud of my country, and of the good citizenship of one of the Association's sustaining members.

I have to share with you a vignette from a very recent personal experience. I have been working long hours on the Tobin Bridge (which connects Boston with areas to the north) for the past 10 days on a paving contract. Two men, representing the special rubberizing components manufacturer, were here as factory representatives for a Pittsburgh based company during the paving.

I asked them both if they had voted at home before coming to Boston. Neither had voted in advance of their trip.

I suggested to the senior laboratory guy that he vote early when he went home for a long weekend on the 28th of October. He did not realize that this was possible. I told him that it was his right. When he came back he informed me that he had voted. I don't know for whom he voted, it really doesn't matter.

I asked the junior (and younger) field and mixing plant guy if he would be allowed to go home to vote. He thought about it and contacted his company and made that request. Bear in mind that the junior guy wished to vote for "W", and that he would have to vote in his hometown (which is in Ohio). The company told him that when he finished his night shift at the mixing plant (north of Boston) early Tuesday, November 2nd (yesterday), the company would fly him home at 6:00am on election day and have him return to Boston around midnight last night. The cost was over \$900.00. I told him that I was very impressed with his company and that I would share this story with others. The Company is:

Royston Laboratories Division
Chase Corporation
128 First Street
Pittsburgh, PA 15238



Geoffrey H. Goldberg, President

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Association for Bridge Construction and Design

William (Jay) Rohleder, Jr., P.E., S.E.
Figg Bridge Engineers, Inc.

Speaking on

Susquehanna River Bridge Replacement



This presentation features the proposed Susquehanna River Bridge replacement on the Pennsylvania Turnpike in Harrisburg, Pennsylvania. This major bridge project introduces an economical and attractive precast concrete segmental structure type to the State of Pennsylvania. The proposed bridge will replace the existing facility and is comprised of twin 5,910' long by 57' wide concrete box girder structures. They are designed to carry three lanes of traffic in each direction on a new alignment that is offset north and clear of the existing bridge. This allows for completing construction of the new twin structures without adversely impacting the traveling public. Including approach roadways, the entire project length is over 13,600' to be bid in two contracts. This project also includes demolition of the existing 4,526' Susquehanna River Bridge, after transferring traffic onto the new twin structures.

- Date: **Thursday, November 18, 2004**
- Time: Social at **5:00 PM**; Dinner at **6:00 PM**; Program at **7:00 PM**
- Place: Four Points Sheraton Pittsburgh North
910 Sheraton Drive, Mars PA
- Cost: \$25.00 for Members of ABCD and/or ASCE
\$30.00 for Non-members of ABCD and/or ASCE
\$10.0 for ASCE Student Members
- Contact: Sjaan Korvink at (412) 395-8888 or at korvink@abcdpittsburgh.org
- RSVP: By Monday, November 15, 2004

Social Hour Sponsored by Contech-CPI.

If you are interested in sponsoring a social hour, please contact Sjaan Korvink.



Association for Bridge Construction and Design

September Meeting

John Yadlosky, HDR, presented "Curved and Skewed Girders - What's the Issue?" to over 50 ABCD members and guests at the 1st meeting of the season, September 27, 2004. John presented the unique characteristics of curved girders that need to be addressed. Girders twist and horizontally deflect during construction. Engineers, fabricators and erectors need to work together to insure successful construction. A case-study of the construction of the Ford City Bridge with 14 foot deep girders concluded the presentation.

Thanks to BridgeTek, who sponsored the Social Hour for the evening.



A collection for the Oakdale Flood Victims was taken. ABCD matched the \$510 contributed by individuals on September 27, 2004. John Yadlosky also directed the \$50 speaker's honorarium to the affected Oakdale residents. Oakdale received damage to over 100 homes and 30 businesses as a result of Hurricane Ivan on September 17, 2004.

ABCD Polo Shirts

ABCD Polo Shirts are for sale! The cost of the shirts is \$25.00. Please contact Gary O'Melia at omelia@abcdpittsburgh.org to purchase them!





NEWS

DMJM+HARRIS ANNOUNCES PROMOTIONS

Edward J. McGee, PE, a Senior Vice President at global architecture/engineering firm DMJM+HARRIS, has been appointed manager of the firm's East Group Highway and Bridge operations. The East Group region includes offices in Alabama, Connecticut, Delaware, District of Columbia, Florida, Illinois, Louisiana, Maine, Maryland, Mississippi, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia and West Virginia. These offices represent approximately 60% of DMJM+HARRIS's highway market or about \$120 million in annual revenues. Mr. McGee, with 35 years of engineering experience, has been with DMJM+HARRIS for over 11 years and is responsible for the impressive growth of the Pittsburgh office from a one-person operation to a major regional office with a staff of more than 100 professionals.

Lewis P. Cornell, PE, has been promoted to Pittsburgh Geographic Business Unit (GBU) Manager. As GBU Manager, Mr. Cornell is responsible for strategic visioning, marketing coordination, and the overall management and technical oversight of DMJM+HARRIS's Pittsburgh office operations. A 1992 graduate of the University of Pittsburgh, Mr. Cornell has been with DMJM+HARRIS for nine years. He previously served as the Deputy GBU Manager, Senior Project Manager, and Civil Department Manager, and has been instrumental in the growth, development and success of the Pittsburgh office.

DMJM+HARRIS is noted for transportation mega-projects such as the North Shore Light Rail Transit Extension in Pittsburgh that includes the design of a tunnel under the Allegheny River and access to new commercial and residential development on the city's North Shore; SH-130 in Texas, a \$1.4 billion, 90-mile design/build/maintain toll road that will link the cities of Austin and San Antonio – the nation's largest highway project; and New York City's Second Avenue Subway project that includes eight miles of subway alignment, 16 stations, and connection to the existing subway and bus systems — heralded as the largest subway project in the nation's history. As part of the AECOM family of companies, DMJM+HARRIS has been ranked number one in Transportation since 2000 in Engineering News-Record's annual lists of leading engineering, planning and design firms.



Association for Bridge Construction and Design

2004 Golf Outing

ABCD's Ninth Annual Golf Outing was held Friday, August 20, 2004 at Cedarbrook's Gold Course. Although the event was not held on it's usual Labor Day date, 68 of the "usual" hackers labored for the coveted YELLOW BALL crown.

Taking first place was the team of former ABCD President Rich Stephanick including Richard Curry, Ed Terboscic, and Mark Catullo. Congratulations fellas! Finishing second in the event, but #1 in our hearts was the team of Howard Braun, "Skinless" Steve Miller, Ron Blatt, and Dan Deabner. Special prize winners included former presidents Don Killmeyer and Jerry Johnson (mmm...sounds like the "fix" was in!)

We would like to thank everyone who participated in this year's outing, and give a special thanks to the following firms for their support:

Bridge Tek
Michael Baker Jr., Inc.
GAI Consultants, Inc
SAI Consulting Engineers, Inc.
HDR Engineering, Inc.
URS Corporation
Triline Associates, Inc.
Thomas A. Mekis & Sons, Inc.
McTish, Kunkel, & Associates



The Start - "Look Ma, no work!"



Past Presidents: Tom Ryan, John Weres, Russ Cook, Rich Stephanick, Don Killmeyer, and Jerry Johnson (What a handsome crew!)



2004 Golf Outing



Mike Beresford singing "The Yellow Ball Blues"



"Skin" Winners: Jon Cowell, Ron Blatt, Dan Burgundy, and John Weres



Association for Bridge Construction and Design

DMJM HARRIS

AN AECOM COMPANY

DMJM+HARRIS, a leading local and global transportation engineering firm, prides itself on the talent and dedication of its winning team of employees.

Don't let your career stagnate! Employment at DMJM+HARRIS will provide the opportunity to advance your career through involvement in a variety of assignments on an array of challenging and rewarding high-profile projects encompassed within our substantial backlog.

DMJM+HARRIS is currently seeking candidates to fill full-time **Senior Bridge Design Engineer** positions available in our conveniently located downtown Pittsburgh office.

BS degree and PE license required; 5+ years of design experience with steel and concrete bridges; Solid knowledge of current PennDOT, PTC, and AASHTO specifications, standards, and procedures; Proficiency with bridge design software. Responsibilities will include: preparation and checking of bridge design calculations for superstructure, substructure, and foundations; review of design drawings; preparation of design submission reports; and coordination with project team members and clients.

DMJM+HARRIS offers competitive salaries, a flexible work schedule, and a comprehensive benefits package including Medical, Dental, and Vision care, Life Insurance, 401k, and stock investment plan options. Submit resume and cover letter in confidence to:

DMJM+HARRIS, Inc.
Four Gateway Center, 20th Floor
Pittsburgh, PA 15222-1222
Attention: William Alko

(412) 395-8888 Phone
(412) 395-8897 Fax

william.alko@dmjmharris.com

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President-Elect
Secretary Jane-Ann Patton (412) 856-9220
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Directors

2001 - 2004 2002 - 2005 2003 - 2006
Gary O'Melia Geoffrey Goldberg Bill Ferko
John Weres Jane-Ann Patton
Thomas Ryan Sjaan Korvink

Legal Counsel

Victoria Lynn DeFrank – Attorney at Law
(412) 281-7955

Sustaining Members

- * American Bridge
- * Brayman Construction Corporation
- * Bridge Technologies
- * DMJM+HARRIS, Inc.
- * GAI Consultants, Inc.
- * Gannett Fleming, Inc.
- * George L. Wilson & Company
- * HDR Engineering, Inc
- * IDSI
- * JMT
- * KTA Tator, Inc.
- * Lichtenstein Consulting Engineers, Inc.
- * L. Robert Kimball & Associates
- * Mackin Engineering Company
- * Maguire Group, Inc.
- * Management Engineering Corporation
- * Mekis Construction Corporation
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- * Nicholson
- * Parsons Brinckerhoff, Inc.
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- * STV Incorporated
- * Triline Associates, Inc.
- * URS Corporation
- * Vollmer Associates
- * Whitman, Requardt & Associates
- * Wilbur Smith & Associates



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