



Official Newsletter

for the
Pittsburgh Chapter



**Association for
Bridge Construction & Design**

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President's Message

Sjaan Korvink has arranged an interesting November meeting. Please review the calendar on our web site. We will be posting the meeting details, as they become available. Also still the topic of this year's seminar has not yet been decided. The seminar will be held in April. If anyone has any suggestions or ideas on topics please let us know.

The Board of Directors has updated the Association Constitution and Bylaws. We are finalizing the efforts to complete this activity. We have posted for your review, comments and approval on our web site.

I would also like to take this opportunity to thank Keith Chong for his service as Membership Chairperson. We now have Roxanne Podlipsky for our new Membership Chairperson. I appreciate the support and cooperation they have given me this past year. The success of this organization is a direct result of their contributions, efforts, and all that they have done. Also I would like to welcome Raghu Krishnaswamy for volunteering to be Technical / Legislative Chairperson. We are still in need of someone to volunteer for Community Affairs and Program Chairperson.

Maintaining the Association takes a good amount of time and effort. Therefore, I want to encourage the general membership to become actively involved. We can always use additional volunteers, especially young, energetic individuals with new and creative ideas for advancing our organization. The growth of this organization depends on all of us. If you are willing to contribute and donate your time, we could use the help. Please contact me, or any of the officers, if you would like to participate.

I look forward to seeing you at the meetings.

Gary B. O'Melia, P.E., President



November Meeting

Kenneth V. Butler, P.E., DMJM Harris

Florida Avenue Bridge

New Orleans, Louisiana

The Florida Avenue Bridge project is part of the TIMED (Transportation Infrastructure for Economic Development) program. The \$4 billion improvement program is designed to enhance economic development through an investment in transportation projects. The Florida Avenue Bridge project is one of three major bridge components of the TIMED Program. The entire program is on an accelerated path scheduled for completion by December 10, 2010.

Please see the full page article in this issue for more details!



- Date: Thursday, December 7, 2006
- 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
\$30.00 for Non-members of ABCD
Pay by cash or check at the door
- Contact: Sjaan Korvink at (412) 395-8888
Or e-mail Sjaan.Korvink@dmjmharris.com
- RSVP: By Thursday, November 30, 2006



NEWS

DMJM Harris adds to Pittsburgh staff

Dominic Munizza, PE, previously the manager of PennDOT's District 11-0 Pittsburgh Regional Traffic Management Center, has joined DMJM Harris as a Senior Traffic Engineer and Project Manager in the Traffic Engineering Group, strengthening the group's capabilities in Intelligent Transportation Systems Planning and Design and Operations Management. Munizza, with 27 years of experience, earned his BS and MS degrees in Civil Engineering at the University of Pittsburgh and is a former United States Air Force officer. Munizza also serves on the Planning Commission for the Borough of Osborne where he also resides.

James D. MacKay, PE, formerly a PennDOT District 11-0 project manager for traffic engineering projects, has joined the DMJM Harris Traffic Engineering Group in Pittsburgh as a Senior Traffic Engineer specializing in Traffic Signal and Traffic Signal Closed Loop System design. MacKay earned his BS in Civil Engineering at the University of Pittsburgh and is a certified Traffic Signal Technician and Work Zone Safety Specialist with 10 years of experience.

Stanley A. Nalitz, PE, has joined DMJM Harris as Technical Director – Structures, providing technical oversight and QA/QC reviews, and will also serve as a Senior Project Manager. Nalitz was formerly PennDOT's Bridge Design Manager in District 11-0 and Chief Engineer at WEC Engineers, Inc. Nalitz, with 26 years of experience, received his BS in Civil Engineering from the University of Pittsburgh and is a registered professional engineer in Pennsylvania, West Virginia, Ohio and Kentucky.



Posted 11.14.06
Expires 1.31.07

PBS&J is one of the largest consulting firms in the United States specializing in civil, transportation, environmental, geotechnical engineering services, land surveying, architecture and planning, construction management, and ecological services. We provide services to private industry, real estate developers, architects, public sector, and federal clients. To support our expanding backlog of work in the industrial and commercial site development sector in our Pittsburgh office, we are seeking qualified candidates for the following positions:

STRUCTURAL ENGINEER

PBS&J has an opening for a Senior Engineer in its National Transportation Structures Division, working out of its Canonsburg, PA office. Duties include structural analysis & design of simple, major & complex bridges & related transportation & transit structures. Directs & reviews the efforts of junior engineers, designers & others involved in the preparation of project documents. 5 - 10 yrs experience in structural engineering. Some field inspections & travel may be required. Opportunities for design work on major bridge projects throughout the US. BS in Civil Engineering with structural background required. MS preferred. Proficiency with CADD required, experience with LRFD and PENNDOT Design Procedures preferred. Good technical writing & verbal communications skills required.

PBS&J offers competitive salaries, flexible benefits, ESOP, profit sharing and 401(k) plan. Mail, fax (724-514-9090) or e-mail (drburgundy@pbsj.com) your resume, including references, to Daniel R. Burgundy, P.E., PBS&J, 400 Technology Drive, Suite 100, Canonsburg, PA 15317.



At the **December 7th meeting**, ABCD will be collecting new, unwrapped toys for the Marine Toys for Tots Foundation. The objectives of Toys for Tots are to help needy children throughout the United States experience the joy of Christmas; to play an active role in the development of one of our nation's most valuable natural resources - our children; to unite all members of local communities in a common cause for three months each year during the annual toy collection and distribution campaign; and to contribute to better communities in the future. For more information on the Foundation, please visit www.toysfortots.org.

If you do not have the time to shop for a toy, please consider making a donation and Vicki Burstynowicz will purchase the toys to be donated.

Florida Avenue Bridge

New Orleans, Louisiana

Authority:

Louisiana Department of Transportation & Development

Value:

\$US180 million

Design period:

2005 - 2006

Construction period:

2006 - 2010

Services to Client:

Detailed design, contract documentation, construction support

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The \$180 million Florida Avenue Bridge project is being designed to provide reliable access between St. Bernard and Orleans parishes over the Inner Harbor Navigational Canal (IHNC). The project includes a four-lane, 78 feet wide, high level bridge over the IHNC. The five-span main unit over the IHNC is 1,516 feet long and includes a 470 feet center span. The center span provides 300 feet horizontal and 156 feet vertical navigational clearances.

DMJM Harris performed bridge type studies to determine the most viable, constructible and economical structure type. Based on these

studies we are designing two alternates through final design: cast-in-place variable depth concrete box girders and constant depth steel plate girders. The twin cell concrete box girder is 26 feet deep at the piers and 12 feet deep at mid-span. The concrete box girder is being designed considering form travelers using the balanced cantilever method of construction. The superstructure is supported by voided box columns and steel HP piles. The foundations must sustain impact loading from vessels up to 1800



tips. The constant depth steel plate girders are being designed with 155" webs and are considering innovative erection techniques in the design.

The mainline approaches and four elevated ramps comprise an additional 8,400 feet of elevated viaduct. The approach structures include prestressed concrete bulb-t girders and curved steel plate girders.

Officers

President	Gary O'Melia	(412) 257-8774
President-Elect	Sjaan Korvink	(412) 395-8888
Secretary	Todd Carroll	(412) 788-0472
Treasurer	Mike Hebor	(412) 497-6005

Committee Chairpersons

Community Affairs

Membership	Roxanne Podlipsky	(412) 824-7046
Program	Sjaan Korvink	(412) 395-8888
Public Relations	Laura Volle	(412) 269-6438
Technical	Raghu Krishnaswamy	(412) 395-8888
Web Site	Jeremy Shaffer	(412) 681-1521
Awards	John Tkacs & Roxanne Podlipsky	(412) 391-1359 (412) 824-7046

Directors

2003 - 2006	2004 - 2007	2005 - 2008
Bill Ferko	Mike Hebor	Todd Carroll
Sjaan Korvink	Gary O'Melia	Keith Chong
Thomas Ryan		Jeremy Shaffer

Legal Counsel

Patrick Narcisi – Attorney at Law
(412) 761-0100

Sustaining Members

- * Brayman Construction Corporation
- * Bridge Technologies
- * DMJM+HARRIS, Inc.
- * GAI Consultants, Inc.
- * Gannett Fleming, Inc.
- * George L. Wilson & Company
- * HDR Engineering, Inc
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- * IDSI
- * JMT
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