

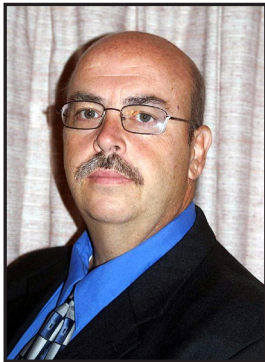
# the PROFILE



Published Monthly by the Harrisburg Section



## Our President's Message



Well this month's article finds us in February already, and if you're like me the time seems to be flying by, but as I am writing this article the temperature is in the high 30's and climbing so that's a real benefit. Plus Punxsutawney Phil gave us the prediction that it was going to be an early spring; man I hope that varmint is right.

Again by the time you read this article, we will have had our February lunch presentation. Our lunches seem to be a pretty good success this year. For February Ms. Rachel L. Tereska, P.E., Principal of NTM Engineering, Inc. provided a discussion on the Modern Advances in Hydrologic and

Hydraulic Studies for the membership. I hope that everyone that attended the presentation found it helpful and informative. The Program Committee has worked very hard this year to try to provide the membership with some options to attend our lunch/dinner presentations, and we would really like to know if it is helpful. So if you have the opportunity, please let Mark Gaines, Program Committee Chair (mgaines@dawood.cc) or a board member know your thoughts and suggestions concerning the presentation program for this year. The committee is making an extra effort to provide some different choices with the hope that as many of our members can take advantage. So please let us know what your feeling is concerning the program schedule for this year. We are trying very hard to change the schedule so that as many members can take advantage of the presentations as possible. This will be helpful to the program committee and the board when we start setting up

## This Issue Sponsored By:

- Alfred Benesch & Company*
- AWK Consulting Engineers, Inc.*
- Erdman, Anthony and Associates, Inc.*
- Mackin Engineering Company*
- Pennsylvania Asphalt Pavement Association*
- RETTEW Associates, Inc.*
- Traffic Planning and Design, Inc.*

our program for the 2011- 2012 year.

I'm really looking forward to the March dinner presentations, as we will be doing a couple of things that are always well received:

*see "President" on Page 2*

*(Detach and return by Wednesday, March 2nd, 2011, at 4:00pm)*

**Speaker: Kent E. Frese, Managing Partner, Leadership Management Institute**  
**Program: Beyond Technical: preparing yourself for leadership in your field**

*I will be attending the March 7th meeting of the American Society of Highway Engineers-Harrisburg Section.*

Name \_\_\_\_\_ Firm \_\_\_\_\_

Guest Name \_\_\_\_\_ Guest Firm \_\_\_\_\_

Contact: Marie Ledger, c/o SAI Consulting Engineers • 20 Erford Road, Suite 110, Lemoyne, PA 17043 • P: 717-763-0629 • F: 717-763-0920 • mledger@saiengr.com

**Guests are Welcome!**

Location: Radisson Penn Harris Hotel & Convention Center, Governor Room B, 1150 Camp Hill Bypass, Camp Hill, PA 17011

Attire: **Business Casual**

Times: **5:30 Social Hour 6:00 Dinner - 7:00 Program**

Price: **\$20 for ASHE Members/ASHE Member Guests \$25 for Non-ASHE Member**

Entree: (Choose One):  Teriyaki Chicken  Cheese Tortellini w/ Marinara Sauce  Chef's Choice Vegetarian

Note: ASHE is charged for all dinner reservations. If you make a reservation and wish to cancel it, the deadline for cancellations is noon on the Friday before the meeting. If you fail to cancel by the deadline, you will be charged for the meal, regardless of whether or not you attend.

## Harrisburg Section Officers 2010-2011

### PRESIDENT

Todd M. Morris, P.E.

### IMMEDIATE PAST PRESIDENT

John M. Becker, P.E.

### FIRST VICE PRESIDENT

Mark E. Gaines, P.E.

### SECOND VICE PRESIDENT

Richard L. Heimbach II, AICP

### SECRETARY

Robert J. Hendricks, P.E.

### TREASURER

Dale Mellott, P.E., P.L.S.

### ASSISTANT TREASURER

Drew Bitner, P.E., P.L.S.

### SECTION ADMINISTRATOR

Jeffrey Robertson, P.E.

### DIRECTORS - 1 YEAR

Jeffrey P. Griffiths, P.E.

Gary L. Hoffman, P.E., P.L.S.

Jessica J. Sizemore

William D. Pickering, P.E.

Jennifer L. Hendricks

### DIRECTORS - 2 YEARS

Barry G. Hoffman, P.E.

Frank Huttel, P.E.

Kenneth R. Nadler, P.E.

Renee Sigel

Bea Walters

### DIRECTORS - 3 YEARS

Michael D. Gross, P.E.

James Gutshall, P.E.

Yang Liu, Ph.D., P.E.

Richard N. Roman, P.E.

David A. Snively, P.E.

### PROFILE EDITOR

William R. Sobieray, E.I.T.

### NATIONAL REGIONAL DIRECTOR

Thomas Morisi

## ASHE Committees 2010-2011

Committees & Subcommittees	Chairperson
<b>Administration &amp; Operations</b>	<b>Todd Morris, P.E.</b>
Administration	Jeff Robertson, P.E.
Constitution & Bylaws	
Historian & Archiving	
ASHE National Liaison	
Ethics & Practices	
<b>Finance &amp; Audit</b>	<b>Dale Mellott, P.E., P.L.S.</b>
Finance	Dale Mellott, P.E., P.L.S.
Audit	
Budget	Jeff Robertson, P.E.
<b>Program &amp; Professional Development</b>	<b>Mark Gaines, P.E.</b>
Lunch/Dinner Program	
ASHE/PennDOT Conference	
Nominating	John Becker, P.E.
<b>Scholarship &amp; Student Development</b>	<b>Rich Heimbach</b>
Scholarship	
Student Development	
Educational Events	
<b>Public Relations</b>	<b>Jennifer Hendricks</b>
Photo Contest	
Engineers Week	
Adopt-A-Highway	
Charity Events	
<b>Membership</b>	<b>Jessica Sizemore</b>
Young Member Focus	Ryan Dinger
Contractor/Government Involvement	
Membership Development	
<b>Legislative &amp; Government Affairs</b>	<b>Barry Hoffman, P.E.</b>
Advocacy & Legislative Tracking	
<b>Communications</b>	<b>Jennifer Hendricks</b>
Technical	
Website	Jere Sweigart, P.E.
Profile	Will Sobieray, E.I.T.
<b>Fellowship</b>	<b>Jeffrey P. Griffiths, P.E.</b>
Golf Outing	Doug George, P.E.
Picnic	Jeffrey P. Griffiths, P.E.
Dinner Coordination	

Find Our Contact Information At:  
[www.asheharrisburg.org/contacts.htm](http://www.asheharrisburg.org/contacts.htm)

## "President" from Page 1

Photo Contest winners will be announced at the March meeting. Everyone that attended the February Lunch meeting had an opportunity to vote on several very good entries that were received. I'm looking forward to see the winner of the vote.

Also in March we will be inviting our Scholarship winners to our dinner. I always like to meet the winners of the scholarship contest as they have never disappointed me with their intelligence and enthusiasm for the engineering and science endeavors. I would like to see a good turnout of membership so that the scholarship winners can get an opportunity to talk to people that have been in the profession for a while and see what a great group of people we have in the ASHE Harrisburg membership.

Also I would like to remind you to mark your calendar for two major upcoming ASHE events:

We will again be holding the Annual ASHE/PennDOT Conference on April 8th. You should have already received the save the date flyer as well as a Draft agenda. As we get closer to the event, we will put the various presentations on the website so that you can download them to bring to the conference. And we will be offering PDH's again this year to help with continuing education requirements. We will be forwarding additional information on the conference as we get closer to the actual day of the event, but keep checking your e-mails and the website for updates.

We have also scheduled our Annual Banquet Honoring Past Presidents, which will take place at the Liberty Forge Country Club on April 29, 2011, and again we will be sending a save the date flyer very soon.

I am very happy to report that during an earlier board meeting, the ASHE Harrisburg board voted to help support the Whitaker Science Center. That is ASHE Harrisburg helped to sponsor the Move - IT exhibit which is meant to help introduce children to the many facets

## March's Charity of the Month: Big Brothers/ Big Sisters

Please bring monetary  
donations to the March 7th  
dinner meeting.

Thank You for Your Support.

For more information, contact  
Jen Hendricks at 717-564-1121  
or [hendricksjl@comcast.net](mailto:hendricksjl@comcast.net).

associated with engineering in our daily routines. This includes stations that provide education on a variety of engineering related topics; from how to build a bridge to how manufacturing processes work. The exhibit was also sponsored by other professional engineering societies and a couple of our engineering companies in the area. I am happy to be a part of something that helps to introduce these topics to the next generation of engineers and scientists. I would encourage anyone with children or know someone with children to make a trip to Harrisburg and take a walk through the new exhibit, and allow them to experience some of the things that we take for granted sometime.

happy   
st. patrick's  
day



# SAVE THE DATE



## Seventh Annual ASHE - Harrisburg



PENNDOT Engineering District 8-0

# CONFERENCE

**Friday April 8<sup>th</sup> 2011**

Stay tuned for more information  
Visit us at [www.asheharrisburg.org](http://www.asheharrisburg.org)



The ASHE Harrisburg Section was represented at the APC/PennDOT (Associated Pennsylvania Constructors / Pennsylvania Department of Transportation) Fall Seminar as exhibitors. Thanks to both Jennifer Hendricks (pictured) and William Pickering for staffing the booth during the event. Several new memberships (and a few reinstatements) were received as a result of Ms. Hendrick's and Mr. Pickering's efforts. The APC/PennDOT Fall Seminar is one of the best-attended events for the transportation community, attracting over a thousand participants each year. If you are unfamiliar with the event, read more at <http://apcfallseminar.com/>. Photo provided courtesy of APC. (Thanks, APC!)

## Speaker and Presentation



**Kent E. Frese, Managing Partner, Leadership Management Institute**

**Presentation: Beyond Technical: preparing yourself for leadership in your field**

Kent is a nationally recognized expert in leadership development, strategic planning, business development and operations process improvement with over 24 years of practical experience in organizational leadership and development. Additionally, he has experience both as an engineer and working with engineering firms in the region to develop future leaders.

LMI's clients have the advantage of Kent's proven track record with clients across the United States and in front-line management and executive positions at both regional and national retirement services firms. He has held positions at all levels of management, including Director, CIO, Vice President and President.

As a franchise partner of Leadership Management, Inc. and member of the LMI Collaboration Team Faculty, clients benefit from LMI's proven process, strong collaborative approach and broad array of tools. LMI has offices in more than 60 countries around the globe with programs translated into more than 23 languages. Since 1966, LMI has helped hundreds of thousands of leaders in organizations worldwide focus on what matters most to meet the ever-changing challenges required to be competitive in a complex global economy.



## BOWL FOR KIDS SAKE

ASHE will again this year participate in the Bowl for Kids Sake hosted by Big Brothers Big Sisters of the Capital Region. For the past 30 years, Big Brothers Big Sisters have been helping kids from 5-18 years of age here in the community. Their efforts have been proven to contribute to brighter futures, better schools and stronger communities. And that's why Big Brothers Big Sisters – both locally and across the nation – is the leading youth mentoring organization. For more information on the event, please visit: [http://www.capbigs.org/index.php?option=com\\_content&task=view&id=115&Itemid=157](http://www.capbigs.org/index.php?option=com_content&task=view&id=115&Itemid=157).



The ASHE team(s) will be bowling on Sunday April 3rd, 2011 at ABC West on the Carlisle Pike in Mechanicsburg. If anyone is interested in bowling, having fun, and contributing to this great cause, please contact Jeff Griffiths (jprgriffiths@hntb.com) for more information.

## District 8-0 Anticipated Lettings February 2011 - March 2011

County	SR	SEC	Project Title	MPMS	Cost Range	Let Date
28	16	033	Buchanan Trail Bridge 2	74891	1,000,000-5,000,000	2/17/2011
28	316	010	Western Maryland RR Br.	19407	1,000,000-5,000,000	3/3/2011
36	2019	009	Main St Bridges	63225	1,000,000-5,000,000	2/3/2011
36	272	032	North Reading Road	86475	1,000,000-5,000,000	2/17/2011
36	72	038	Manheim Pike	86473	1,000,000-5,000,000	3/17/2011
38	343	003	Seventh St./Pine Grove St	86493	1,000,000-5,000,000	3/3/2011
38	7301	0	9th/10thSt.Brdg, Leb.City	20400	20,000,000-30,000,000	3/3/2011
66	83	047	I-83/Turnpike Bridges	63377	10,000,000-20,000,000	2/3/2011

## 2011 - 2012 NEW OFFICERS/DIRECTORS NOMINATED

### PRESIDENT

Mark Gaines, P.E.

### TREASURER

Dale B. Mellott, P.E., P.L.S.

### DIRECTORS - TWO YEARS

Michael D. Gross, P.E.

Jim Gutshall, P.E.

### IMMEDIATE

### PAST PRESIDENT

Todd M. Morris, P.E.

### ASSISTANT TREASURER

W. Andrew Bitner, P.E., P.L.S.

Yang Liu, Ph.D., P.E.

Richard N. Roman, P.E.

David A. Snively, Jr., P.E.

### FIRST VICE PRESIDENT

Richard L. Heimbach, II AICP

### SECTION ADMINISTRATOR

Jeffrey M. Robertson, P.E., CPESC

### DIRECTORS - THREE YEARS

Sandra K. Basehore

Joshua D. Golomb, P.E.

Jeffrey P. Griffiths, P.E.

Jason W. Wagner

Paul W. Wilke, P.E.

### SECOND VICE PRESIDENT

Jennifer L. Hendricks

### DIRECTORS - ONE YEAR

Barry G. Hoffman, P.E.

Frank P. Huttel, P.E.

Kenneth R. Nadler, P.E.

### SECRETARY

Robert E. Hendricks, P.E.

Renee Sigel

Beatrice A. Walters

### PROFILE EDITOR

Troy M. Holloway, P.E., PTOE

Please review the list of candidates and commend them for their willingness to donate their time and efforts to serve our ASHE Harrisburg Section. If you wish to nominate a candidate other than those listed above, you must provide a petition containing 10% of the eligible voting members of the Section (approximately 38 signatures), accompanied by a letter from the nominee indicating his/her acceptance of the nomination. The petition and the letter must be received by the ASHE Harrisburg Section no later than March 1.

## February's Lunch Meeting Photo Gallery



Second Vice President Richard Heimbach II, AICP, Guest Speaker Rachel Tereska and First Vice President Mark Gaines, P.E.



### 2011 CALENDAR - ASHE HARRISBURG

<b>National Engineers Week</b> <i>Colonial Park Mall Display</i>	<b>Feb 20-26, 2011</b>
<b>CPEWC Awards Banquet</b> <i>West Shore Country Club</i>	<b>Feb 24, 2011</b>
<b>Capital Area Science and Engineering Fair (CASEF)</b> <i>Whitaker Center Harrisburg</i>	<b>Mar 2-5, 2011</b>
<b>Dinner Meeting</b> <i>See Page 1 of this Month's Profile</i>	<b>Mar 7, 2011</b>
<b>2011 Annual Banquet</b> <i>Honoring Our Past Presidents</i> <i>Liberty Forge Country Club, Mechanicsburg</i>	<b>Apr 29, 2011</b>
<b>2011 ASHE National Conference</b> <i>Orlando, FL</i> <i><a href="http://www.ashe2011.org">http://www.ashe2011.org</a></i>	<b>Jun 22-26, 2011</b>

For the latest information, please visit  
[www.asheharrisburg.org/upcomingevents.htm](http://www.asheharrisburg.org/upcomingevents.htm).



**Be ready for winter conditions.**  
**Keep yourself and others safe by**  
**clearing your car of snow and ice**  
**before driving.**  
**IT'S THE LAW!**

#### Contact Info Updates

If your contact information changes, please contact Jeff Robertson, Section Administrator for ASHE Harrisburg:

Greenhorne & O'Mara, Inc.  
Attn: Jeff Robertson  
5000 Ritter Road, Suite 102  
Mechanicsburg PA 17055  
717-691-3355  
[jrobertson@g-and-o.com](mailto:jrobertson@g-and-o.com)

#### Profile Contact:

If you have ASHE Profile news, please contact Will Sobieray, Profile Editor for ASHE Harrisburg:

Michael Baker Jr., Inc.  
Attn: Will Sobieray  
4431 North Front Street  
Second Floor  
Harrisburg, Pa 17110-1709  
717-221-2024  
[wsobieray@mbakercorp.com](mailto:wsobieray@mbakercorp.com)

#### New Membership Contact:

Download your ASHE membership application at  
[www.asheharrisburg.org/membership.htm](http://www.asheharrisburg.org/membership.htm)  
Send your completed ASHE membership Application along with payment to:

**ASHE Harrisburg Section**  
**Attn: Secretary Robert Hendricks**  
**P.O. Box 322**  
**Camp Hill, PA 17001-0322**

#### Find Us At:

Local: [www.asheharrisburg.org](http://www.asheharrisburg.org)  
National: [www.highwayengineers.org](http://www.highwayengineers.org)  
Career Opportunities:  
[www.asheharrisburg.org/Career.htm](http://www.asheharrisburg.org/Career.htm)  
[www.thefulcrumintl.com](http://www.thefulcrumintl.com)

# NTM Engineering Presents:

## Introduction to HEC-RAS

Learn HEC-RAS from the engineers who teach PennDOT's Hydrologic & Hydraulic Professional Development Series

NTM Engineering's Introduction to HEC-RAS will teach you how to use the U.S. Army Corps of Engineers' Hydraulic Engineering Center River Analysis System (HEC-RAS) software program. HEC-RAS is an engineering industry standard for modeling steady, gradually-varied, one-dimensional open channel flows.

Our application-oriented training provides lectures and hands-on workshops to introduce you to HEC-RAS. NTM will teach you hydraulic analysis procedures for waterway modeling via site assessment, cross-section data collection, hydraulic method selections, and output interpretation.

Lecture topics include:

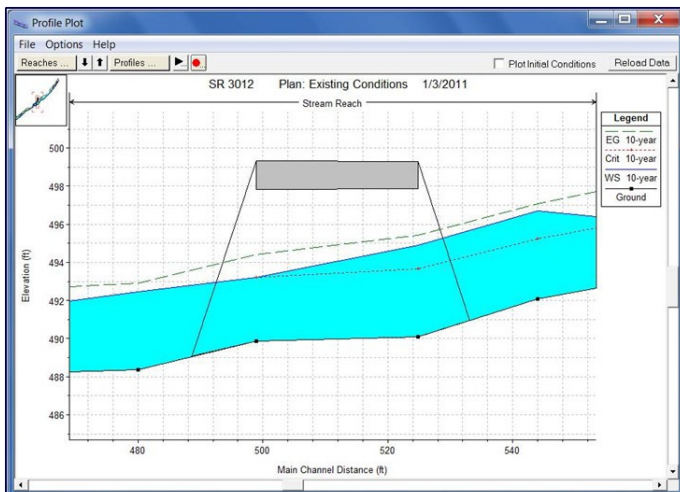
- Hydraulic modeling;
- Flow resistance;
- Steady flow;
- Water surface profiles and their geometric data requirements;
- Layout of cross-section locations;
- Developing HEC-RAS models;
- Bridge hydraulics and modeling;
- Culvert hydraulics and modeling; and
- Existing and proposed conditions modeling.



### Introduction to HEC-RAS

- 24 PDHs
- April 5-7, 2011, 8:30AM-5:00PM
- Harrisburg Area Community College, One HACC Drive, Harrisburg, PA 17111
- \$950 per person\*

*\*Discounts available for multiple attendees from one organization.*



NTM Engineering is a Registered Continuing Education Provider

REGISTERED CONTINUING EDUCATION PROGRAM

For more information, go to: [www.ntmtraining.com](http://www.ntmtraining.com)

## THE ASHE CENTURY CLUB

The ASHE Harrisburg Section wishes to thank the following Century Club members for their support during 2010-2011.

- ◆ ACEC/PA
- ◆ A.D. Marble & Company, Inc.
- ◆ AECOM
- ◆ Alfred Benesch & Company
- ◆ American Geotechnical & Environmental Services, Inc.
- ◆ Arora and Associates, PC
- ◆ Associated Pennsylvania Constructors
- ◆ AWK Consulting Engineers, Inc.
- ◆ Bergmann Associates
- ◆ Buchart-Horn, Inc.
- ◆ C.C. Johnson & Malhotra, PC
- ◆ Century Engineering, Inc.
- ◆ CHA, Inc.
- ◆ Dawood Engineering, Inc.
- ◆ The EADS Group, Inc.
- ◆ Erdman, Anthony and Associates, Inc.
- ◆ Gannett Fleming, Inc.
- ◆ Greenhorne & O'Mara, Inc.
- ◆ Greenman-Pedersen, Inc.
- ◆ HDR, Inc.
- ◆ Herbert, Rowland & Grubic, Inc.
- ◆ Johnson, Mirmiran & Thompson, Inc.
- ◆ KCI Technologies, Inc.
- ◆ Keller Engineers, Inc.
- ◆ Mackin Engineering Company
- ◆ McCormick Taylor, Inc.
- ◆ McMahon Associates, Inc.
- ◆ Michael Baker, Jr., Inc.
- ◆ ms consultants, inc.
- ◆ Navarro & Wright Consulting Engineers, Inc.
- ◆ NTM Engineering, Inc.
- ◆ Parsons Brinckerhoff
- ◆ Pennoni Associates, Inc.
- ◆ Pennsylvania Asphalt Pavement Association
- ◆ Prime Engineering, Inc.
- ◆ RETTEW Associates, Inc.
- ◆ SAI Consulting Engineers, Inc.
- ◆ Skelly & Loy, Inc.
- ◆ So-Deep, Inc.
- ◆ SoftDig - Underground Services, Inc.
- ◆ Stell Environmental Enterprises, Inc.
- ◆ STV Incorporated
- ◆ Susquehanna Civil, Inc.
- ◆ Traffic Planning and Design, Inc.
- ◆ TranSystems
- ◆ Urban Engineers, Inc.
- ◆ URS Corporation
- ◆ Whitman, Requardt & Associates, LLP
- ◆ Whitney Bailey Cox & Magnani, LLC
- ◆ Wilbur Smith Associates
- ◆ Wilson Consulting Group, PC

The Century Club is comprised of ASHE members who have made a \$200 pledge to support the ASHE Harrisburg Section's activities. Century Club Members are prominently displayed in The Profile up to eight times a year. The Profile is issued monthly to more than 400 Section Members in South Central Pennsylvania. The Profile is also distributed to the Pennsylvania Department of Transportation's Central Office.

The Century Club is an excellent opportunity to gain recognition among your colleagues, while actively supporting ASHE.

Visit [www.asheharrisburg.org/centuryclub.htm](http://www.asheharrisburg.org/centuryclub.htm) or call Bea Walters of VE Engineering, Inc. at 717-774-5260, to make your pledge.

Michael Baker Jr., Inc.  
Attn: Will Sobieray  
4431 North Front Street  
Second Floor  
Harrisburg, PA 17110-1709



# ASHE

---

## Harrisburg

[www.asheharrisburg.org](http://www.asheharrisburg.org)



Address Correction Requested