

Volume 15, Issue 2 - November 2014

### From Our President...



Materials, Inc.

The ASHE TRIKO Valley Holiday Party will be at Pebble Creek Golf Club Wednesday, December 3rd from 6:00-9:00 p.m. Ron Oester, former Cincinnati Red player & coach will be our guest. You should have seen an e-mail blast already. Please RSVP by going to the TRIKO Valley website. I hope to see you there.

In September, at our General Membership Meeting, we learned more details concerning the street car work as the project progresses. On behalf of the ASHE TRIKO Valley membership, I would like to thank John Deatrick and Mike Prus for great presentations.

The recent elections are done (almost). The Republicans have gained majority control of the Senate and maintained majority in the House. It is incumbent upon us to voice our opinion to our elected officials concerning the Highway Trust Fund. By latest accounts, the Highway Trust Fund is due to run out of money by March 2015.

The Donald C. Schramm Transportation Improvement Award submittal deadline is fast approaching. Applications must be submitted to Eric Beck by December 12th. The TRIKO Valley Board of Directors is looking forward to receiving your submittals for the under \$5 million and over \$5 million categories. The category limits have changed from \$3 million to \$5 million. The goal is to receive at least three submittals in each category. You can find the application and submittal details at www.trikovalley.ashe.pro/Awards.htm

Since our September meeting, we have gained 5 new members. We want to increase our membership even more. Please consider asking a friend or co-worker to join ASHE or invite them to a lunch as our guest. The Holiday Party is a great event to introduce a potential new member. I look forward to seeing you all there on December 3rd.

# inside

December Meeting Information

September
Meeting Minutes

ASHE PIN Report

Member Spotlight

SCHRAMM Awards Information



ASHE - TRIKO Valley Section P.O. Box 257 Mason, OH 45040 www.trikovalley.ashe.pro The mission of the American Society of Highway Engineers is to provide a forum for members and partners of the highway industry that supports education, innovation, and fellowship; promoting a safe and efficient highway system for mobility now and in the future.

# **ASHE PIN Report - November 2014**

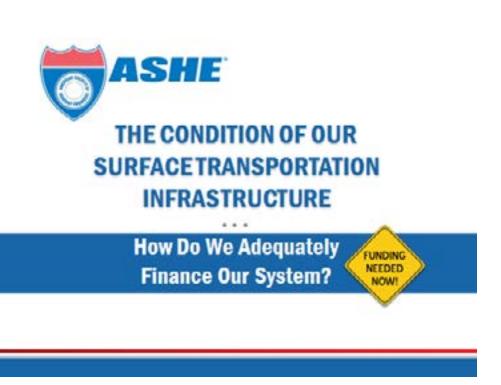
Now that the election is over, both houses of Congress belongs the Republicans. Yet, with long-term funding for the Highway Trust Fund still looming, recently mentioned Congressional priorities do not mention infrastructure funding. So the ASHE National Legislative Committee, in conjunction with the ASHE National Board, has developed two tools that are available for all ASHE Members and other organizations to raise awareness of the need for a long-term transportation funding solution. The first items are the "Funding. Fix It Now!" or the "Funding. Let's Give it Gas!"





windshield decals. These are currently in production with more details to follow. The intent is to mass distribute these to the Sections for use. Once these are ready for production, we encourage each Section to distribute these throughout their membership to raise awareness.

The second item is a presentation template loaded with relevant and timely data that can be used by our members and constituents to advance the message for an improved highway funding solution. The presentation is available for download at the beginning of the year from the ASHE National website. The base presentation will be updated periodically as needed. Please check back often for the most current versions. Understanding that each state has certain nuances, this tool is available in an editable format so that you may customize as necessary to fit your particular situation and need. The presentation will be available for viewing at a TRIKO Valley section meeting and we encourage you to utilize this tool to present this information to media outlets, other professional organizations, and social organizations that you may belong.



The national gas user's fee only brings in approximately \$34 billion per year, however, current transportation funding is closer to \$50 billion a year, yielding a \$16 billion-per-year deficit in the nation's transportation funding. In the past, short-term fixes, such as corporate tax reform, has only yielded a short extensions. The industry needs a long-term transportation bill so that our national infrastructure can be adequately planned and executed. Please do your part to get the word out about the need to fund the Highway Trust Fund!

### **ASHE-TRIKO Valley General Membership Meeting Minutes**

### Tuesday, September 16, 2014 - Montgomery Inn

President Brunton called the meeting to order with the Pledge of Allegiance at 11:40 AM. Several guests were introduced.

President Brunton introduced John Deatrick who gave the first part of a presentation on the Cincinnati Streetcar project, focusing on the overall project status. After John spoke, he turned the program over to Michael Prus of Prus Construction who continued the presentation with a focus on construction issues. A break was taken for lunch at 12:20 PM, and then Michael Prus resumed his presentation at 12:45 PM.

President Brunton noted that the minutes of the last meeting were published in the newsletter and asked if there were any corrections or additions. Joe Vogel moved to approve the minutes with a second from Mary Beth Elfers. The motion passed.

Eric Kistner presented the Treasurers report, noting an operating capital of \$24,895.74. Expenses totaled \$11,143.95 included golf outing and scholarship and other miscellaneous expenses. There are currently 170 members including 4 student members. John Davidson raised a motion to accept the Treasurer's report, seconded by Mary Beth Elfers. The motion passed.

Caroline Duffy presented the PIN report, noting the signing of the \$10.8 billion Highway Trust Fund patch by President Obama. Senator Boxer has reportedly been working on a bill that would utilize vehicle miles traveled when the Trust Fund comes up for passage again in May, 2015. On the Ohio front, County Engineers are investigating potential new or expanded sources of revenue to fund transportation projects.

Stan Harris presented the Regional Report. Chairpersons for the Regional Technical/Scanner and Student Membership committees are needed. The National Board meeting will be held in Toledo October 10-11. The Region is seeking nominations for National Treasurer and National Director. The next Great Lakes Region board meeting will be held after the OTEC lunch on October 28. National President Sam Mody will be speaking at the meeting.

Stan Harris announced that additional sponsorships are needed for the newsletter. Also, anyone who has projects they would like to publicize, are encouraged to submit articles for the newsletter.

Brad Ackel presented the golf committee report and thanked everyone for supporting the outing which was held in June at the Vineyard. Planning will start soon for next year's event.

Matt Loeffler encouraged everyone to invite potential new members. No formal membership drive is planned at this point.

Steve Mary stated that there will be a technical tour at the North America Stainless plant near Ghent, Kentucky on September 30th from 10:00AM to noon. There is no cost but attendees should register online.

### **ASHE-TRIKO Valley General Membership Meeting Minutes**

Eric Beck presented the Schramm Awards report. The applications are available online and are due in early December.

There was no social committee report or scholarship committee report.

The meeting was adjourned at 1:15 PM.

Respectfully Submitted:
David Emerick
TRIKO Valley Section Secretary

# ASHE TRIKO VALLEY MEETING 2014 ASHE TRIKO Valley Holiday Party

Location: Pebble Creek Golf Course
Date: Wednesday, December 03, 2014, 6:00 PM

Our Holiday Party will be on December 3rd at Pebble Creek Golf Course. Dinner will be served at 6:30 P.M. Our guest of honor will be 2014 Reds Hall of Fame Inductee, Ron Oester.

Cost is \$30.00 per person and includes appetizers, dinner, and non-alcoholic beverages. A cash bar will be available for alcoholic beverages.

Pebble Creek Golf Course is located at

9799 Prechtel Road; Cincinnati, Ohio 45252

Hope to see everyone there on December 3rd!

RSVP online at www.trikovalley.ashe.pro and click on Meeting Link to register and pay online

### **Our Holiday Party Guest of Honor - Ron Oester**

After growing up in the Queen City, Ron Oester became one of the more popular players to wear a Reds uniform during the 1980s, thanks to his hard-nosed style of play.

A graduate of Cincinnati's Withrow High School, Oester claimed the starting second base job in 1980 and hit .277 during 100 games in his rookie season. A switch-hitter, Oester played in at least 150 games for five straight seasons from 1982-'86, forming a solid double-play combo with Reds Hall of Famer Dave Concepcion. In his 11th and final season with the Reds, "Ronnie O" batted a career-best .299 in part-time duty while helping Cincinnati to the 1990 world championship.

Following his playing career, Oester spent time on the Major League coaching staffs of the Reds and the Detroit Tigers. He also worked in player development for both the Reds and Philadelphia Phillies.

Oester was inducted into the Reds Hall of Fame in 2014, and remains a Cincinnati resident.





### 2014 - 2015 Board of Directors

Title	Member	Company	Phone	Email
President	Dennis Brunton	Barrett Paving Materials, Inc.	513-271-6200	dbrunton@barrettpaving.com
1st Vice President	Eric Beck	Hamilton County Engineer's Office	513-946-8432	Eric.beck@hamilton-co.org
2nd Vice President	Nathan Moore	The Kleingers Group	513-779-7851	nathan.moore@kleingers.com
Treasurer	Eric Kistner	Stantec	513-842-8200	eric.kistner@stantec.com
Secretary	David Emerick	Duke Energy	513-287-1001	david.emerick@duke-energy.com
Regional Rep.	Stan Harris	Stantec	513-842-8200	stan.harris@stantec.com
Past President	Steven Proffitt	Thelen Associates, Inc.	513-825-4350	sproffitt@thelenassoc.com
3rd Year Director	Vanessa Fritsch	URS	513-419-3451	Vanessa.fritsch@urs.com
2nd Year Director	Steve Mary	ODOT – District 8	513-933-6594	Steve.mary@dot.state.oh.us
2nd Year Director	Tom Nicholson	PRETEK Group	937-641-8267	tnicholson@pretekgroup.com
1st Year Director	Aaron Muck	Terracon	513-612-9051	ajmuck@terracon.com
Past President	Matt Loeffler	Butler County Engineer's Office	513-785-4109	loefflerm@bceo.org

### **Committee Chair Person Contact Information**

The ASHE TRIKO Valley Board of Directors has several committees to help promote our organization in a variety of ways. Listed below, you can find the contact information of the chair person for each committee. If you would like to share an idea or would like to volunteer to serve on a committee, please contact the appropriate chair person. The Board thanks you for your continued support and dedication to the transportation industry.

Committee	Chair Person Contact Informa		
Schramm Award	Eric Beck	Eric.Beck@hamilton-co.org	
Scholarship	Nathan Moore	Nathan.moore@kleingers.com	
Program	Steve Mary	Steve.Mary@dot.state.oh.us	
Social	Vanessa Fritsch	Vanessa.Fritsch@urs.com	
Membership	Steve Proffitt	sproffitt@thelenassoc.com	
Student Chapter	Aaron Muck	ajmuck@terracon.com	
Golf Outing	Brad Ackel	Brad.ackel@kzf.com	
Newsletter	Stan Harris	stan.harris@stantec.com	
Website	Matt Loeffler	loefflerm@bceo.org	
Legislative Review (PIN)	Caroline Duffy	cduffy@Barreng.com	
Online Payments/PayPal	Eric Kistner	eric.kistner@stantec.com	





### **New ASHE Sections**

#### Greetings ASHE members,

The beginning of each year has traditionally been a time many of us devote to getting smaller based on New Year's Resolutions. We at the ASHE National level are interested in getting bigger! We have focused attention on more remote areas such as Portland, Oregon and Denver, Colorado amongst others. Our newest initiative includes seeing if there are opportunities closer to "home". "Home" meaning seeking potential new section champions which may be travelling to areas with current sections, or have a branch office in an untapped region of the country which may have an person interested in sharing the ASHE mission with others and getting a section started.

Anyone interested in discussing opportunities to start a new section are encouraged to contact either Tim Matthews or Perry Schweiss, Co-Chairs of the ASHE New Sections Committee (contact information provided below), or any one of the ASHE National Board members (contact information provided on the website - ASHE. pro). There are many resources available to assist in this endeavor including Powerpoint presentations, detailed guidance and procedures, etc.; all of which can be found on the website. The most important resource available however is also ASHE's strongest attribute...it's members!

We are 6,000+ strong with 41 active sections and, with your spark, we will continue to grow in membership and, as this initiative supports, geographically! We look forward to hearing from those with the pioneering spirit and enthusiasm to spread the ASHE mission!!

With sincere gusto!

Tim W. Matthews, PE (Southeast Region)/Atlanta Section) TIA Regional Coordinator|Office of TIA Georgia Department of Transportation

Perry Schweiss, PE (Northeast Region)/(Southwest Penn Section) SPK Engineering





# **Donald C. Schramm Transportation Improvement Awards 2014**

**American Society of Highway Engineers Triko Valley Section** 

### **Entry deadline is quickly approaching - December 12th!**

#### **CATEGORIES**

- Construction Cost \$5,000,000 and under.
- **Construction Cost over \$5,000,000.**

#### **ENTRY SUBMISSION**

- **Completed entry form (Original).**
- Two (2) copies of project description and related materials (see entry requirements).

#### **CALENDAR FOR 2014 AWARD**

- **December 12, 2014 Entry Deadline**
- January 9, 2015 Review and rating of entries by the Board of Directors
- By January 13, 2015 Top three (3) rated entries in each category will be notified
- January 27, 2015 General Membership Meeting Presentation to general membership by top three (3) rated entrants from each category. (Final selection to be determined by the general membership by closed ballot.)
- March 17, 2015 General Membership Meeting Awards presentation

### **Technical News/Field Trip**

#### ODOT Considers Stainless Steel Reinforcing as a Way to Extend Bridge Life Spans

On September 30, 2014 the Ohio Department of Transportation, District 8 toured the North American Stainless (NAS) steel plant located on the Ohio River in Ghent Kentucky. The NAS plant in Ghent, Kentucky along with its sister companies located in Minooka, Illinois; Wrightsville, Pennsylvania; Riverside, California; Pendergrass, Georgia; Guelph, Ontario Canada and Apodaca, N.L., Mexico are all owned by the Acerinox Group, a stainless steel manufacturer based in Madrid, Spain. The Acerinox Group was founded in 1970.



The NAS steel plant in Ghent, Kentucky was built in 1990 on 1400 acres. NAS purchases scrap metals such as iron, steel, nickel, copper, aluminum etc. from local sources. The scrap is shipped in by barge on the Ohio River. The scrap metal is combined according to a precise formula and is heated to approximately 3200 degrees Fahrenheit in an electric arc furnace. Air is blown through the hot metal where the oxygen combines with the carbon in the steel and is expelled from the metal as carbon dioxide. The result is a very low carbon stainless steel that is inherently resistant to corrosion. The stainless steel metal is allowed to cool down to roughly 2700 degrees Fahrenheit and is molded into many products such as plate and round bar stock, rebar (sizes #3 up to #18), rolled sheet and rope coils, deck plate and 'L' angles. These products are then hot or cold annealed, pickled in acid and rinsed. Polishing is performed if desired and then the finished products are stored on site until needed. Stainless steel reinforcing makes up a small percentage of the NAS plant's total production but is its most rapidly expanding product line. All products from the NAS plant in Ghent are shipped out by truck to the southern and mid-west portions of the United States.

ODOT, like other DOT's, has a vested interest in extending the life of its infrastructure (i.e. bridges, retaining walls, concrete pavements, etc.). ODOT is considering the use of lean duplex stainless reinforcing steel as a replacement for epoxy coated reinforcing steel. Damage to the epoxy coating can reduce rebar life. The use of stainless steel rebar will eliminate this worry.

Lean duplex stainless reinforcing steel is a blend of ferrite and austenite. This blend provides high strength and resistance to corrosion cracking; good abrasion and erosion resistance; good fatigue life and low thermal expansion. Epoxy reinforcing steel typically makes up 8% to 11% of the total bridge cost, not including approach work. Lean duplex stainless reinforcing steel is about 2.8 times the price of epoxy reinforcing and ODOT District 8 anticipates an increase in bridge replacement cost of about 18%.

ODOT District 8 has added lean duplex stainless steel rebar as an alternate bid item to the CLE-28-8.52 project that bids November 2014 and is designing the future replacement of the westbound Norwood Lateral Bridge over IR-75 with lean duplex stainless steel. If future bids for this material appear reasonable, ODOT District 8 may expand its use to more projects. The rebar is available in grades 60 and 75 and can be produced in lengths up to 40 feet at the NAS plant in Ghent or up to 60 feet lengths from coiled reinforcing stock that is shipped to reinforcing steel suppliers.

## **Technical News/Field Trip**

Additional information regarding the stainless steel manufacturing process can be found at the following NAS websites:

http://www.northamericanstainless.com/wp-content/themes/northamericanstainless/pdf/NAS\_Long\_Products\_ Brochure.pdf

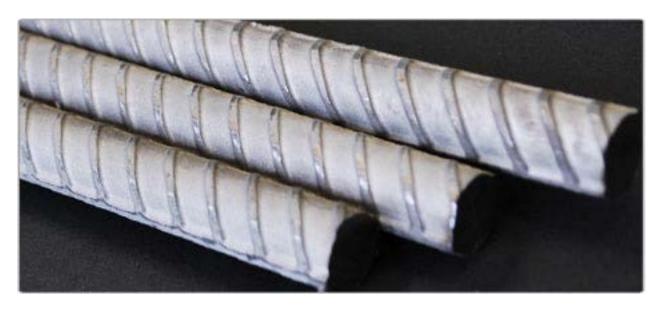
http://www.northamericanstainless.com/wp-content/themes/northamericanstainless/pdf/NAS\_Flat\_Products\_ Brochure.pdf

Contact Information: North American Stainless 6870 Highway 42 East Ghent, Kentucky 41045-9615 Phone: (502) 347-6000

Fax: (502) 347-6001

E-mail: nasinquiries@northamericanstainless.com Internet: http://www.northamericanstainless.com/

Sales Contacts: Chris Lyons (Domestic Sales Manager)



All Photos provided by North American Stainless

### **Job Openings!**

Have a job opening at your firm? Know someone looking for a job? Include them here!

Submit job postings to Amanda Lienemann at amanda.lienemann@stantec.com to have them included in the next newsletter.



#### Job Posting - Senior Civil Engineer

11.17.2014

KZF Design is a 60 person, full service design firm, seeking a Senior Civil Engineer for our Transportation & Municipal Group. This position will provide development of drawings, specifications and supporting engineering calculations, as well as the review of shop drawings during construction. The Senior Civil Engineer will be expected to coordinate and work closely with a multidiscipline design team throughout the entire life cycle of projects from planning stages, through the development of construction documents and construction administration. Experience in the site development and the design of building related site civil (grading, utilities, hydrology/hydraulics, truck turning, parking, pavement, SWPPP and erosion control) is required. The Senior Civil Engineer should be self-motivated and possess strong leadership skills with an initiative to deliver high quality, technically sound civil designs.

#### Responsibilities:

- Work directly with the project manager and assume the "day-to-day" responsibility of civil engineering design/production for assigned projects.
- Prepare design documents (concept, schematic, design development, construction documents).
- Coordinate and work with other staff, as required, in the preparation of design for assigned
- Prepare documents in conformance with KZF and client standards and quality control
- Prepares written design narratives, calculations and analysis.
- Responsible for technical accuracy, constructability, code conformance and appropriate level of detail for project designs.
- Identifying and meeting client requirements
- Providing technical resources to design staff

#### Qualifications:

- Bachelors or Masters degree in Civil Engineering.
- 10+ years' experience in the field of Civil Engineering with an emphasis on roadway, highway, infrastructure and site work.
- Ohio PE license required with the ability to obtain PE licensure in other states
- Previous experience with an architectural/engineering or engineering consulting firm required.
- Strong leadership, organizational, communication and relationship management skills
- Experience with the entire project lifecycle, through post-construction

This is an excellent time to join an established multi-disciplinary Architecture and Engineering firm with a growing team of design professionals. Excellent salary and benefits. KZF Design is an Equal Opportunity Employer. No recruiter calls please.

Visit www.kzf.com/careers for more information. Please email cover letter and resume to resumes@kzf.com.

#### **About KZF Design**

KZF Design is an interdisciplinary design firm whose professionals are dedicated to helping our clients achieve their strategic goals. We are focused on delivering high performance projects in both the public and private sectors, with specific expertise in Education, Transportation, Commercial, Industrial, Government, Justice and Workplace design.

We Believe in the Promise of Design.

We Deliver on the Promise.

We are one of the Midwest's premier design firms with over 60 staff in downtown Cincinnati. For 58 years, our award-winning designs and technical expertise have contributed to the built environment and created regional landmarks across the US and internationally.

Significant projects of recent note include services provided to the following projects and clients: Ohio State University, University of Cincinnati, Northern Kentucky University, Great American Insurance Group, the Contemporary Arts Center and Cincinnati Art Museum, United States Army, Air Force and Navy, US Department of Justice, Zumbiel Packaging, Greater Cincinnati MSD, the City of Cincinnati and Butler, Clermont, Hamilton and Warren Counties.

Visit us on the web at www.kzf.com.

### **Advertising Opportunities!**

\$50/year for small ads, \$150/year for large ad and corporate link on the TRIKO website. If interested, contact Stan Harris at stan.harris@stantec.com.

Send website logos to Matt Loeffler at loefflerm@bceo.org.

## **General Membership**

**Brad Ackel** Jamal Adhami Eric Adkins Bob Adleta James Arbuckle **Travis Baker** Eric Beck Bryan Bender Gerard Berding Gabriel Bitar **Douglas Brand** Ben Brandstetter **Bruce Brandstetter\*** Jim Brannon William Brayshaw Tom Brayshaw John Brazina Wayne Breitenstein Jon Brunot **Dennis Brunton** Michael Bryson Stephen Butler Carol Callan Ramler Shawn Campbell Tammy Campbell **Kathy Carsey** Josh Carter **Donald Cash Timothy Casto Christopher Clemons** James Collins\* Will Conkin Scott Connor John Davidson Lori Dearnell Scott Dearnell Katie Dillenburger Mark Dole Caroline Duffy\* Robert Dunn Paul Durham Ben Dusina Michael Eddy

Nicholas Elliot **David Emerick** Richard Engle Joe Espelage Jeremy Evans William Fair Dan Ficker Jason Fischer Andy Fluegemann James Freeman Vanessa Fritsch **Bronson Funke** Dan Furgason **Todd Gadbury** Jayson Gardner Matthew Gerken Timothy Gilday Jonathan Girdler Jeff Glowka Paul Goodhue Paul Gruner Corrin Gulick Stan Harris Steven Hartke John Heilman Jeff Heimann Mark Henderson Christine Hilbert Kelly Hollatz Theodore Hubbard **Brad Hyre** Ahmad Ishtewi **Dennis Jennings** Tracy Jones James Jurgensen\* James Jurgensen, II\* Michael Keller Ross Kendall John Kerr **Gary Ketron** Eric Kistner Scott Knebel

Jeffery Koehn

Steven Korte

Wess Kroll William Lawall Michael Lenett Aaron Littman Hao Liu Matthew Loeffler\* **Austin Long** Michael Lorenz Daniel Mahaney Steven Main **Patrick Manger** Benjamin Mann **Steve Mary** Shawn Mason Daniel McAdams Joe Mellman Matthew Menche Stephen Miles Richard Miller **Douglas Miller** Cindy Minter Nathan Moore **Bryan Mount** Aaron Muck Michael Murry Jeff Newby Tommy Nicholson Ralph Norman Christian Nyberg Frank O'Hare David Orr Darren Owens John Pflum Duane Phelps **Daniel Prevost** Steven Proffitt\* Dale Proffitt Joseph Prus Michael Prus William Prus **David Quimby** Arudi Rajagopal Jason Ramler

Etta Reed

**Brian Rhodes** Mark Richardson Penny Rike **Donald Roberts** Dave Rotella **Edward Roth** Stephanie Roth Doug Royer Ali Saleh Joseph Schmeltzer Paul Schoelwer\* Dale Schweiterman Steven Shadix William Shefcik **Richard Shelley** Kar Singh **Casey Smith** Stefan Spinosa David Spisak **Daniel Springer** Phillip Stegman Craig Stephenson Jacob Stremmel Michael Sturdevant Luke Stutler **Dwight Stutz** Cindy Taylor Michelle Terrell Michael Thompson\* **David Tomley** Robert Trenkamp **Daniel Unger** Greg Urasek Joseph Vogel\* Jeffrey Wallace Cynthia Wallace George Webb, II **David Westendorf** Gregory Wilkens\* **Edward Williams** Steven Young Heinrich Zehetmaier\*

Mary Elfers\*

<sup>\*</sup> Past Presidents