

# Central Ohio Section

**Legend**

- Phase 1
- Phase 2
- Phase 3

Scale: 0 2,000 4,000 Feet  
North Arrow



## LETTER FROM THE PRESIDENT

Central Ohio Section Members:

As we begin to wrap up this year's luncheon presentations it is time to start thinking about topics for next year. We will be having our annual planning meeting in June to firm up the schedule and to select topics. To ensure that we have another successful year please provide possible topics and speakers for the 2015 – 2016 luncheon schedule. If you cannot attend feel free to send ideas to A.J. Smith (treasurer). Also, start thinking about possible nominees for the Outstanding Civil Engineer of Central Ohio and the Outstanding Section Member of ASCE Central Ohio

awards. We know that you are doing good work out there, and we also know that we may have missed some really important contributions and achievements. This Section is all about its members and the best way that we can represent our membership is through contributions from the group. Thank you for your continued support.

Sincerely,

Mark Seidelmann, PE, GISP, M.ASCE  
President – ASCE Central Ohio Section  
[president@centralohioasce.com](mailto:president@centralohioasce.com)

## OSU NORTH RESIDENTIAL DISTRICT TOUR

What: Construction Tour

When: Thurs., April 23, 2015 - 6:00 PM

Where: The Ohio State University  
North Residential District

RSVP: To Keith Knuppel at [kknuppel@hgray.com](mailto:kknuppel@hgray.com) by April 16, 2015.

The Design/Build team at the Ohio State NRD project has been very kind and agreed to open up their project to a construction tour. This tour is free, will provide 1 PDH, and is open to any Central Ohio ASCE member. The tour will take place on Thursday April 23<sup>rd</sup> at 6pm. Following the

tour the Younger Member Group will be sponsoring a Happy Hour at The Varsity Club (Hopefully on the Patio!). The tour is limited to 40 people.



### BALLOTS FOR 2015-2016 OFFICERS

Position	Nominated Candidate	Write-In Candidate
President	<input type="checkbox"/> Carlos Vazquez, P.E.	<input type="checkbox"/> _____
1st Vice President	<input type="checkbox"/> A.J. Smith, P.E.	<input type="checkbox"/> _____
2nd Vice President	<input type="checkbox"/> Firat Sever, P.E.	<input type="checkbox"/> _____
Treasurer	<input type="checkbox"/> Chris Nye, P.E.	<input type="checkbox"/> _____
Secretary	<input type="checkbox"/> Matt Baxendell, P.E.	<input type="checkbox"/> _____
Member-at-Large	<input type="checkbox"/> Brooks Vogel, P.E.	<input type="checkbox"/> _____

### OHIO COUNCIL OF LOCAL SECTION DELEGATES (Pick up to 8 of 9)

<input type="checkbox"/> Peter Narsavage, P.E.	<input type="checkbox"/> James Pajk, P.E.
<input type="checkbox"/> Gregory Barden, P.E.	<input type="checkbox"/> Bethanie Meek, P.E.
<input type="checkbox"/> Michael Bashore, P.E.	<input type="checkbox"/> Michael Mazzoli
<input type="checkbox"/> Robert Redfield	<input type="checkbox"/> _____ (write-in)
	<input type="checkbox"/> _____ (write-in)

### NOMINATION FOR OUTSTANDING CIVIL ENGINEER OF CENTRAL OHIO

☐ \_\_\_\_\_ (Please nominate an engineer.)

### NOMINATION FOR OUTSTANDING ASCE CENTRAL OHIO SECTION MEMBER

☐ \_\_\_\_\_ (Please nominate a section member.)

### TWO WAYS TO VOTE. PLEASE VOTE BY MAY 8, 2015.

- ASCE members who have paid their section dues should receive an email with a link for online voting. If you do not receive the email invitation, send a request to [asce@centralohioasce.com](mailto:asce@centralohioasce.com) and we will send you one.
- Send hard-copy ballot to: Michael Navabi, Prime AE Group, 8415 Pulsar Place, Suite 300, Columbus, OH 43240

## CENTRAL OHIO SECTION AWARDS

In preparation for the upcoming awards season, we are seeking nominations for the categories described below.

**OUTSTANDING CENTRAL OHIO SECTION MEMBER** - Presented by the Central Ohio Section, this award is presented annually to an outstanding member of the Central Ohio Section. For a list of past winners, click [HERE](#). To nominate an individual, please contact any board member or email [asce@centralohioasce.com](mailto:asce@centralohioasce.com). General Requirements:

1. Member of Central Ohio Section in good standing.
2. Has made a significant contribution to the Section through participation in the activities of the Section.
3. Promotes a good image of the Section and its members through their participation and example.

**OUTSTANDING CIVIL ENGINEER OF CENTRAL OHIO** - Presented by the Central Ohio Section, this award is presented annually to an outstanding civil engineer who doesn't have to be an ASCE member. For a list of past winners, click [HERE](#). To nominate an individual, please contact any board member or email [asce@centralohioasce.com](mailto:asce@centralohioasce.com).

General Requirements:

1. Practices or teaches civil engineering in Central Ohio.
2. Must have made a significant contribution to civil engineering profession during the last year.
3. One who exemplifies the public image and perception of the civil engineer and its profession.



## 19th ANNUAL GOLF OUTING

With spring in full swing that means Golf Season is upon us. Don't forget to mark your calendars and sign up for the 19th annual ASCE Central Ohio Section Golf Outing to be held June 12, 11:00a.m. at Darby Creek Golf Course. The format is the ever popular 2 person mixed format. For a low entry fee of \$70 you get greens fees, cart, driving range, drink tickets, lunch, steak and chicken dinner, beverages, tons of hole and place prizes and lots of "those" pies at the end.

This outing has raised almost \$30,000 over the years to support the Younger Member Group (our annual chefs at the outing), Civil Engineering Career Day and numerous other programs. This is made possible with the generous sponsorships from many Central Ohio firms and



businesses. Please consider being a hole sponsor for \$100 or a lunch/dinner/beverage cart sponsor for \$250 which includes hole recognition as well.

For any questions in regards to sponsorship and/or registering to play, please contact Jim

Pajk at 614-525-3021 or email at [jpajk@franklincountyengineer.org](mailto:jpajk@franklincountyengineer.org). Go to the ASCE Central Ohio website, [www.centralohioasce.org](http://www.centralohioasce.org), to download a flyer.

## MOTORCYCLE RALLY & DINNER

ASCE is offering a motorcycle tour for non-golfers in coordination with the ASCE Golf Outing on June 12. The cost will \$25 for dinner at the Darby Creek Golf Course, located



between Plain City and Marysville. We typically start the ride from the McDonalds at SR 161 and Avery-Muirfield Drive in

Dublin around noon, and finish at the golf course between 4:00 and 5:00 PM. The tour will navigate the back roads northwest of Columbus with stops at some notable (or not so notable) sites in the area of Union, Logan, Madison, and/or Champaign Counties. It is a scenic ride, the food at the golf course is great (prepared by the Younger Member Group), and it is a time to renew acquaintances in the business at dinner. To sign up or for more information contact Dave Pritchard at 614-519-4819 or [davepritchard@sbcglobal.net](mailto:davepritchard@sbcglobal.net).

## FREE WEBINAR - RECYCLED BASE AGGREGATES

**What:** Free Webinar - 1.0 PDH

**When:** Wed., April 15, 2015  
12:00 PM - 1:00 PM

**Where:** Dynotec  
2931 E Dublin Granville Rd  
Columbus, OH 43231

**Topic:** Recycled Base Aggregates in Pavement Applications

**RSVP:** To [newsletter@centralohioasce.com](mailto:newsletter@centralohioasce.com) by Friday, April 10, 2015.

\*Open only to Central Ohio ASCE Section Members.

\*Seating is limited to the first 25 people.



### Purpose and Background

Sustainability has become an important element of civil engineering, yet there is confusion about how sustainability applies to different disciplines within civil engineering. Engineers involved with transportation and geotechnical construction need to know how the materials and methods they use affect the engineering life cycle and related sustainability of their projects. Recycled materials can be used to create longer lasting infrastructure that requires less energy to construct and maintain and has a lower carbon footprint. Both public and private stakeholders, clients and owners are increasingly considering these green construction principles in the design and construction of their projects. Recycled aggregates such as RAP, RCA, RPM, RSG and BDC are used in pavement construction to enhance performance, save construction costs, and improve sustainability. Blending recycled aggregates with cementitious stabilizers like coal fly ash, lime dust or cement kiln dust can further enhance sustainability, economics and long-term performance of the pavement.

### Learning Outcomes

Participants will learn about the different types of recycled aggregates typically available for pavement construction, their characteristics, their design properties, and how to specify recycled aggregates in pavement applications.

### Webinar Benefits

- Learn new developments in using recycled aggregates
- Learn the latest information on how to improve long-term performance and reduce construction costs with recycled
- Gain a competitive advantage by having the latest design information for recycled aggregates
- Learn design methods for pavements with recycled aggregates with and without cementitious stabilization
- Learn how to specify recycled aggregates
- Learn about how to assess environmental impacts from recycled aggregates used with and without fly ash
- Improve your practice by incorporating design information that enhances sustainability

### Webinar Outline

- Introduction to recycled aggregates: recycled asphalt pavement (RAP), recycled concrete aggregate (RCA), recycled road surface gravel (RSG), recycled pavement material (RPM) and building derived concrete (BDC)
- Types and attributes of RAP, RCA, RSG, RPM and BDC
- Design with resilient modulus and plastic strain
- Effect of impurities and freeze-thaw
- Fly ash stabilized recycled base aggregates: geotechnical properties and leaching characteristics
- Specifying recycled base aggregate

The Central Ohio Section sponsors free continuing education webinars as a service to our members. These webinars are produced by ASCE and normally cost \$250 or \$300 for ASCE members. However, the Section is paying the registration fee and inviting any interested section members to attend for free. You can see [the complete list of webinars available from ASCE National on their website](#). If you see one you like, let us know. If you and your company would like to host one, let us know that too. If you open it up to any interested Central Ohio ASCE section members to come, we will pay the registration fee.

## CIVIL ENGINEERING REFERENCE BOOKS

Late last year, the Central Ohio Section bought a number of civil engineering reference books and donated them to the Columbus Main Library for public use. The titles are as follows:

- Minimum Design Loads (7-10)
- Design of Marine Facilities for Berthing, Mooring
- FRP Composite Connections
- Foundation Engineering Handbook
- Trenchless Technology Piping



- Civil Engineer's Handbook of Professional Practice
- Building Code Requirements and Specification for Masonry Structures (5-11 & 6-11)
- Urban Stormwater Controls
- Municipal Wastewater Plants
- Structural Steel Designer's Handbook

The books are for reference and can't be checked out. They are located on the 3rd floor in a special collection area of the main library (north side of building in the half-height stacks).

## FREE WEBINAR - COMPLETE STREETS

**What:** Free Webinar - 1.5 PDH

**When:** Tues. May 5, 2015  
11:30 AM - 1:00 PM

**Where:** Korda/Nemeth Engineering, Inc.  
1650 Watermark Dr., Suite 200  
Columbus, OH 43215

**Topic:** Complete Streets: State of the Practice

**RSVP:** To [newsletter@centralohioasce.com](mailto:newsletter@centralohioasce.com) by Friday, May 1, 2015.

\*Open only to Central Ohio ASCE Section Members.

\*Seating is limited to the first 25 people.



### Purpose and Background

Complete Streets can benefit all communities, regardless if they are rural, suburban or urban. Complete Streets are intended to be safe, comfortable, and convenient for all users regardless of age or ability - motorists, pedestrians, bicyclists, and public transportation riders.

This webinar will provide an overview of the current practice in Complete Streets policy, planning and design. The material covered will define Complete Streets, communicate their transportation, public health and environmental benefits, overview leading design guidance and discuss policy and implementation strategies. The information provided will help professionals and agencies understand the need for and processes for balancing the needs of all users. Additionally, participants will receive guidance on how to develop and implement effective policies to routinely create complete streets projects and networks.

By attending this webinar, engineers, planners, local leaders and decision makers will gain a solid framework for delivering Complete Streets locally. After completing this session you will understand how Complete Streets can help your community along with specific tools and next steps you

can take to ensure Complete Streets are appropriately planned and provided.

### Primary Discussion Topics

#### Laying the Foundation for Complete Streets

- Build an understanding of complete streets and benefits
- Examine several types of policies and best practices
- Overview the latest complete street design guidance
- Explain how designs use existing rights of way

#### Complete Streets Policy Development

- Overview current policies and practices in use today
- Consider effective policy types

#### Complete Streets Policy Implementation

- Assess local policy and decision making outcomes
- Identify perceived and real barriers to implementation and discuss solutions
- Identify specific steps to achieve an agency's goals

### Learning Outcomes

- Defining Complete Streets, their purpose, and benefits
- Overview of the Complete Streets approach, including challenges and benefits to implementation
- Step-by-step guidance through the Complete Streets guidelines, with a focus on real-world scenarios
- Examples of successful Complete Streets projects

### Webinar Benefits

- Create common understanding of complete streets
- Initiate dialogue on complete streets policies, resources and implementation
- Understanding of complete streets status thru the country
- Latest design guidance and public involvement processes

## LECTURE - FHWA LONG-TERM PAVEMENT PROGRAM

**What:** Technical Lecture

**When:** Mon. April 13, 2015  
2:00 PM - 3:00 PM

**Where:** The Ohio State University  
Hitchcock Hall, Room 410  
2070 Neil Ave, Columbus, OH 43210

**Topic:** FHWA Long-Term Pavement Performance

**Speakers:** Gabe Cimini - Project Manager  
Carlos Leal - Database Manager

*Sponsored by The Ohio State University Department of Civil, Environmental and Geodetic Engineering*

The Federal Highway Administration's (FHWA) Long-Term Pavement Performance (LTPP) program was initiated in 1987 and is the largest pavement study ever conducted. The program has monitored more than 2,500 test sections on in-service highways throughout the United States and Canada. The program's goal is to understand how and why pavements perform as they do. As highway agencies

transition to a performance based approach to managing highway investments, this goal is more important than ever. The data is housed in the LTPP Database - the world's largest pavement performance database, and made available to the public via the LTPP Database web interface — LTPP InfoPave ([www.infopave.com](http://www.infopave.com)).

LTPP data has been utilized to provide over an estimated \$2 billion in savings, and as the program continues to monitor existing test sections and constructs new experiments, it provides enormous potential for research and the development of products to further improve pavement technology for decades to come. For more information, contact Dr. Tarunjit Butalia, (614) 688-3408 or [butalia.1@osu.edu](mailto:butalia.1@osu.edu).



## OHIO ENGINEERS LEGISLATIVE DAY

What: Ohio Engineers  
Legislative Day  
4 CPD hours available

When: Wed, May 6, 2015  
9:00 AM - 1:45 PM

Where: The Capital Club -  
Columbus, OH

ASCE members may register for a **30% reduced price!**



Join the Ohio Society of Professional Engineers, with ASCE Ohio Council of Local Sections as co-sponsor, for the 2015 Ohio Legislative Day. The program includes a representative of ASCE's headquarters focused on ASCE's legislative efforts. Use this opportunity to visit your legislator's office following the program to encourage their support of infrastructure and industry related issues.

Click [HERE](#) to register.

## LEGISLATIVE FLY-IN

A group nearly 200 ASCE members, including 3 from the Central Ohio Section, visited Washington, D.C.



as part of the 15<sup>th</sup> annual ASCE Legislative Fly-In. In total, ASCE members met with Congressional staff from 46 states. The Ohio delegation met with staff members of both Senators Portman and Brown, as well as numerous Representatives.

The two-day event included briefings on federal legislative issues, including the Water Resources Reform and Development Act (WRRDA) appropriation process and the need for Congress to pass a long-term transportation bill.

Attendees were addressed by the U.S. Department of Transportation Under Secretary for Policy, Peter Rogoff on Tuesday evening who outlined the reasons America needs a bolder plan for the future to meet the demands of a growing population. Despite the major maintenance needs in addition to needs to account for future growth, the transportation network is "starved for funds." He warned that

with 32 short-term extensions, local and state leaders tend to stop planning long-term projects, which can take many years of planning and building. The administration is pushing hard for an increase in investment, because they believe that given the political challenges facing this legislation at the end of it there should at least be positives to show for it. Rogoff had cautious optimism that there could be a multi-year bill passed this year.

Congressman Earl Blumenauer (D-OR) shared on Wednesday morning an equally compelling message. The \$3.6 trillion investment need estimated by ASCE is "within our capacity and ... will repay for itself" he said, adding that it would bring down the deficit in the long term. He highlighted many benefits that would result from increasing investment in transportation, including reducing time wasted sitting in traffic, enhancing quality of life for every family, and creating jobs in a range of opportunities. The Congressman earlier this year proposed the [UPDATE Act](#), HR 680, which would raise the rate of the gas tax by five cents for the next three years then tie it to inflation to address the funding deficit in the Highway Trust Fund. When he introduced the bill, he had 20 co-sponsors and endorsements from many organizations, including ASCE.

## T.H. WU DISTINGUISHED LECTURE

What: T.H. Wu Distinguished Lecture

When: Tues. April 21, 2015  
4:00 PM - 5:00 PM

Where: The Ohio State University  
Scott Lab, Room 100  
201 W. 19<sup>th</sup> Ave, Columbus, OH 43210

Topic: **Risk and Decision-Making for Extreme Events: What Terrorism and Climate Change Have in Common?**

Speaker: Professor Mark G. Stewart

Cost: Free

PDH: One (1) PDH credit will be provided.

RSVP: Carol Scott ([scott.30@osu.edu](mailto:scott.30@osu.edu)) or 614-292-3533

**Abstract** - Terrorism and climate change debates are often characterized by worst-case thinking, cost neglect, probability neglect, and avoidance of the notion of acceptable risk. This is not unexpected when dealing with extreme events. The presentation will describe how risk-based and cost-benefit approaches are well suited to decision-making in these

uncertain environments. Structural reliability, systems modeling and probabilistic methods are used to model infrastructure performance, risk reduction and effectiveness of adaptation or protective strategies, exposure, losses, and costs. The concepts will be illustrated with current research of risk-based assessment of climate adaptation strategies including designing new houses in Australia subject to cyclones and extreme wind events.

**Biographical information** - Professor Mark Stewart is Professor of Civil Engineering and Director of the Centre for Infrastructure Performance and Reliability at The University of Newcastle in Australia. He was awarded a BE from Monash University in 1984, and a PhD from The University of Newcastle in 1988. He is an honorary Senior Fellow at the Mershon Center for International Security Studies at Ohio State University.



## 2014 - 2015 CENTRAL OHIO ASCE MEETINGS

Meeting Date	Topic	Group(s)	Location	Coordinator
Wednesday April 22, 2015 Dinner	OU/OSU Student Chapter Presentations & Portsmouth Bypass	ASCE	Old Canal Smokehouse - Chillicothe, OH	Tony Klimek - Lower Scioto Valley Chapter
Wednesday May 13, 2015 All Day	ASCE Spring Seminar - Roundabout Design and Construction	ASCE	Crowne Plaza Dublin	Chris Nye
Thursday May 21, 2015 Lunch	ASCE Region 3 Director & Awards Luncheon	ASCE	Schmidt's Sausage Haus	Carlos Vazquez
June, 2015	2015-2016 Planning Meeting	All	Tommy's Pizza - Dublin, OH	A.J. Smith
Friday June 12, 2015 Lunch & Dinner	Annual Golf Outing	ASCE	Darby Creek Golf Club	Jim Pajk

## DREAM BIG! IMAX MOVIE



It's official! Brought to you by ASCE, production has begun on "Dream Big!," a celebration of engineering that will leave viewers breathless by taking them above, below, around, and

through some of engineers' most impressive achievements, all in stunning lifelike clarity on eight-story-tall IMAX® and other giant screens.

All around the world, engineers are pushing the limits of ingenuity and innovation in unexpected, imaginative and amazing ways. Dream Big will take viewers on a journey of discovery from the world's tallest building to a bridge higher than the clouds and a tunnel deep below the earth. Along the way the audience will witness how today's engineers are shaping the world of tomorrow.

"Dream Big!" will have its world premiere in 2016. Although a lot of great plans are in the works, your ideas can help make the experience even more amazing. What should be featured in "Dream Big!"?

Share and submit your inspirations via the [THIS LINK](#), especially in these three areas:

- A civil engineering project that could be featured as a main storyline for the film. A project that is unique, revolutionary and filled with innovations and one that connects with other areas of engineering.
- A charismatic, pioneering engineer involved in a compelling project that could be featured as a main character in the film.
- A captivating, unforgettable engineering image or sequence that would be mind-blowing on an IMAX 3D screen.

Watch for more about production of "Dream Big!" in the coming months. See more [HERE](#).

## CADD CLASS VOLUNTEERS



Starting again in 2015 the ASCE Younger Member Group (YMG) will be presenting instructional Autodesk Civil3D Computer Aided Design (CAD) seminars on the campus of the Ohio State University.

The seminars will introduce the students to drafting software

and provide an introductory level of instruction to familiarize students with the skills necessary of a typical entry-level engineering position. The YMG is seeking volunteers from the Central Ohio Section to supplement our teaching group. This is also a great way to see prospective interns in action learning valuable job skills. Please contact Matt Baxendell ([Matt.Baxendell@woolpert.com](mailto:Matt.Baxendell@woolpert.com)) if you're interested in taking part.

## KEEP UP TO DATE

**Join Our E-Mail List!**  
Stay up to date with current news - go to <http://centralohioasce.com/e-mail>.  
**Web:** [www.centralohioasce.com](http://www.centralohioasce.com)  
**E-Mail:** [asce@centralohioasce.com](mailto:asce@centralohioasce.com)

## BOARD MEETING

**Our Next Board Meeting**  
Will Be 11:30 AM  
May 7, 2015  
Location: Stantec  
1500 Lake Shore Drive, Suite 100  
Columbus OH 43204

## OPAL AWARDS

The 2015 OPAL Gala celebrated the profession's innovations and innovators:

- Andrew Phelps, principal vice-president and manager of operations for Bechtel Mining & Metals, was recognized for career achievements in construction
- Thomas Rust, vice chairman of Philadelphia-based Pennoni Associates and member of the Virginia House of Delegates since 2002, was recognized for career achievements in government
- Nicholas DeNichilo, president & CEO of Hatch Mott MacDonald, recognized for management achievements
- Edward Schmeltz, senior vice-president and director of Maritime and Special Projects at AECOM, was recognized for career achievements in design
- Bernard Amadei, Ph.D., NAE, professor at the University of Colorado, Boulder, and founding president of Engineers Without Borders USA and cofounder of Engineers Without Borders International, was recognized for career achievements in education
- Pile Dynamics Inc.'s Thermal Integrity Profiler is the winner of the Charles Pankow Award for Innovation.

- Anil K. Kar, Ph.D., P.E., F.ASCE, was the recipient of the Michel Award for Industry Advancement of Research.



- Jessica Morrison, a science journalist, was honored as the winner of the Excellence in Journalism Award for enhancing public understanding of civil engineering.
- The first fully relocatable polar research facility, the Halley VI Antarctic Research Station, was named the winner of ASCE's 2015 Outstanding Civil Engineering Achievement award. Designed by AECOM of Reston, Va., and Hugh Broughton Architects of London, the Halley VI is segmented into eight modules, each atop ski-fitted, hydraulic legs that can be raised to overcome accumulating snow, or to be towed to a new location.

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## EMPLOYMENT OPPORTUNITIES

As a service to our members and colleagues who may be seeking employment opportunities, we have provided links directly to *Human Resources* or *Careers* pages on the company website below. Please click any of the company logos to visit the site. We thank the companies below for their support of the Central Ohio Section of ASCE.

The ASCE National website also provides employment assistance with hundreds of job postings and additional resources. Please click the image to the right to visit the webpage.



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**2015 Seminar**  
**Crowne Plaza - Dublin**  
**600 Metro Place North**  
**Dublin, OH 43017**  
**(Map enclosed)**

**Wednesday, May 13, 2015**  
**8:00 AM to 5:00 PM**

**Earn 7.0**  
**PDHs!**

## ***Modern Roundabout Design and Construction***

### **MODERN ROUNDABOUT DESIGN AND CONSTRUCTION SEMINAR**

Various Speakers from:  
 Franklin County, City of Dublin,  
 Consultants, Contractors

Modern roundabouts have gained popularity in Central Ohio over the past 10 years, and continue to be installed to increase traffic capacity and improve safety. Learn from knowledgeable speakers about the history, purpose, benefits, selection, design, and construction of roundabouts.

**Who should attend?** Engineering consultants, designers, project managers, construction managers, municipalities, and others interested in learning more about current practices in roundabout design and construction.

#### **Speakers**

**Speakers include representatives from:**

- Franklin County Engineer's Office
- City of Dublin Engineer's Office
- Carpenter Marty Transportation
- Korda/Nemeth Engineering
- American Structurepoint, Inc.
- Trucco Construction



Seminar Includes:

- Course Reference Materials
- Certificate for 7 Professional Development Hours
- Breakfast, Lunch and Two Breaks

Format: One Day Seminar, Business Casual Attire



## Registration

One registrant per form. Please duplicate this form for additional registrants.

ASCE Members: \$ 115.00  
 Non-Members: \$ 165.00  
 Students: \$ 30.00  
 Registration after April 24, 2015: \$ 200.00

Fee includes morning breakfast, lunch, break refreshments, and parking.

The preferred method of payment is online at [www.centralohioasce.com/seminar](http://www.centralohioasce.com/seminar) by May 8, 2015. Any checks should be made payable to Central Ohio ASCE.

Please register and pay online with a credit card. **Registration is due by 4 PM on Friday, May 8, 2015.** Registration fees may still be required for no-shows and registrants canceling after May 8, 2015.

Make checks payable to: Central Ohio ASCE

Chris Nye, S&ME, Inc.  
 6190 Enterprise Court Dublin, OH 43016  
 Telephone: (614) 793-2226  
[cnye@smeinc.com](mailto:cnye@smeinc.com)

Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 e-mail \_\_\_\_\_

**Lunch will be buffet style. Please specify preference or any special dietary needs.**



## Tentative Schedule

(subject to change)

8:00 - 8:30	Registration / Breakfast	12:45 - 1:45	Geometric Design of Multi-Lane Roundabouts <i>Craig Parks, American Structurepoint</i>
8:30 - 8:40	Welcome / Introduction <i>Chris Nye, ASCE</i>	1:45 - 2:15	Roundabout Case Study <i>Frank Aransky, American Structurepoint</i>
8:40 - 9:20	Introduction to Roundabouts <i>Paul Hammersmith, City of Dublin</i> <i>Mike Meeks, Franklin County</i>	2:15 - 3:00	Construction Considerations <i>Sean Smith, Trucco Construction</i>
9:20 - 10:20	When to Use a Roundabout <i>John Gallagher, Carpenter Marty Transportation</i>	3:00 - 3:15	Break
10:20 - 10:35	Break	3:15 - 4:45	Roundabout Case Studies <i>Jeannie Willis, City of Dublin</i> <i>Mike Meeks, Franklin County</i> <i>Jeromy Grenard, American Structurepoint</i>
10:35 - 12:00	Geometric Design of Single-Lane Roundabouts <i>Brooks Vogel, Korda/Nemeth Engineering</i>	4:45 - 5:00	Closing Remarks <i>Chris Nye, ASCE</i>
12:00 - 12:45	Lunch Break (food provided)		

rev. 3/6/15

## Directions and Map

### DIRECTIONS TO THE EVENT:

**Crowne Plaza Dublin**  
 600 Metro Place North  
 Dublin, OH 43017  
 Phone: (614) 764-2200

#### **From the West:**

Take I-70 East to I-270 North. Take exit 17A for US-33 East. Turn right on Frantz Rd and turn right on Metro Place North. Hotel is 0.4 miles on right.

#### **From the East:**

Take I-70 East through Columbus to I-270 North. Take exit 17A for US-33 East. Turn right on Frantz Rd and turn right on Metro Place North. Hotel is 0.4 miles on right.

#### **From the North:**

Take I-71 South to I-270 West. Take exit 17A for US-33 East. Turn right on Frantz Rd and turn right on Metro Place North. Hotel is 0.4 miles on right.

#### **From the South:**

Take I-71 North to I-270 West. Take exit 17A for US-33 East. Turn right on Frantz Rd and turn right on Metro Place North. Hotel is 0.4 miles on right.

