

September, 2014
Volume 19, Issue 1

CONTENT

President's Letter 2

Latest News 2-6

Calendar of Events 7

Newsletter Ads 8-9

Pay Securely
Online On Our
Web Site



SEPTEMBER LUNCHEON

DATE: Thurs. Sept. 25, 2014 11:30 AM
Registration, 12:00 P.M. Lunch & Presentation

LOCATION: Fawcett Center, 2400 Olentangy
River Rd, Columbus, OH 43210

TOPIC: Roberts Road Diverging Diamond Interchange (DDI)

A congested interchange in the midst of a heavily traveled industrial, commercial, and residential area has received a major overhaul. The previous diamond interchange at I-270 & Roberts Road in Columbus, Ohio has been transformed into a Diverging Diamond Interchange (DDI) – an emerging and cost effective roadway solution designed to improve safety, reduce crashes, and ease congestion. It is the first DDI constructed in the state of Ohio and was the 23rd in the United States.

The previous diamond interchange had geometric design deficiencies and a high frequency of congestion-related crashes. The former interchange also couldn't handle the high volume of traffic that travels through it – including a large amount of trucks that drive area commerce.

Some key components of the I-270/Roberts Road DDI include: No right-of-way acquisition, no environmental impacts, dedicated bike lanes through the interchange – first in the U.S., dual turn lanes for large trucks, design of DDI merged with a maintenance design project for the overhead bridges that was already underway, extensive public involvement and education process, full closure of the bridges through the interchange; four-month construction schedule, \$10.6M construction cost.

This presentation will discuss the intricacies of the planning effort, the key aspects of the design, and lessons learned during both design and construction. The presentation will provide insight about design and construction, including lessons learned during various points in the process.

SPEAKERS: Brian Toombs, P.E., Project Manager, Burgess & Niple, Inc.

MENU: Box Lunch. Please specify at time of registration if vegetarian is desired.

CPD: A certificate for one 1 CPD hour will be issued.

COST: \$20 ASCE Members & Guests, \$15 ASCE Life Members, \$10 Students.

REGISTER: Registration is due by 5:00 PM on Friday, Sept. 12, 2014. Late registrations and walk-ins may not be accepted. Registration fees may apply for no-shows and registrants canceling after the deadline. Contact Carlos Vazquez at 614-634-7132, or register@centralohioasce.com to register.

PAYMENT: The preferred method of payment is online (click [HERE](#)) before the registration deadline. Payment on the day of the event is available by cash or check payable to Central Ohio ASCE.



2014-2015 BOARD OF DIRECTORS

PRESIDENT
Mark Seidemann
(614) 486-4383

TREASURER
AJ Smith
(614) 793-8777

1ST VICE PRESIDENT
Carlos Vazquez
(614) 634-7132

**MEMBER-AT-LARGE /
NEWSLETTER EDITOR**
Brooks Vogel
(614) 487-1650

2ND VICE PRESIDENT
Christopher Nye
(614) 793-2226

SECRETARY
Firat Sever
(614) 901-2235

WEB SITE EDITOR
Peter Narsavage
(614) 432-4030

LETTER FROM THE PRESIDENT

Central Ohio Section Members:

Greetings, and welcome to another great year of events for the Central Ohio Section of ASCE. It's hard to believe that the summer has flown by already. It is time to put away the floaties and breaking out the tailgating materials. We have a lot of good luncheon topics planned for this year. I encourage everyone to attend as many as you can.

We know that there are many directions that you can go with your membership dollars, and we appreciate everyone that sends those dollars our way. To show our appreciation in a tangible way we continue to try to provide benefits to our membership by continuing to provide select ASCE webinars free to charge to members. As

of now all the webinars that have been offered have been chosen and hosted by members of the board. This is not by design. Please, do not be afraid to offer up suggestions for webinars that you would like to attend. All suggestions will be taken into consideration for future section webinars.

Thank you for your continued support, and I look forward to serving as you president for the upcoming year.

Sincerely,

Mark Seidelmann, PE, GISP, M.ASCE
President – ASCE Central Ohio Section

President@CentralOhioASCE.com

LOWER SCIOTO VALLEY CHAPTER

We are excited to announce the formation of the Lower Scioto Valley Chapter of the Central Ohio Section of ASCE. The Lower Scioto Valley Chapter (LSVC) will better serve our section members residing or working in the southern Ohio region. Most activities will be centered in the Chillicothe or Piketon areas, including

monthly technical luncheons and presentations. All activities will be advertised through the normal channels of the Central Ohio Section. Please contact Tony Klimek at tonyklimek3@gmail.com for with any questions or to become involved in the Chapter.

NEW ASCE EXECUTIVE DIRECTOR

The ASCE Board of Direction has selected Thomas W. Smith III, ENV SP, CAE, M.ASCE, as the next executive director of the American Society of Civil Engineers, effective Jan. 1, 2015.

Smith, ASCE's current deputy executive director and general counsel, will succeed Patrick J. Natale, P.E., F.ASCE, who has served in the position since 2002 and announced his end-of-year retirement last October.

With a master's degree in structural engineering and a B.S. in civil engineering from the University of Virginia, Smith has been a dedicated ASCE member for more than 25 years, and the association's deputy executive director since 2010 and general counsel since 1997. Smith also holds a law degree, and before joining ASCE practiced law with a focus on land use issues. He has published articles on engineering ethics and legal issues and is a frequent speaker on these subjects.

"Under the leadership of current Executive Director Pat Natale, ASCE has truly become a leader in the association community, with a voice that gets national attention and highly dedicated



volunteers and staff," said ASCE Past President Greg DiLoreto, P.E., P.L.S., F.ASCE, chair of the executive director search committee, following the ASCE Board's Aug. 24 meeting in Denver. "In our search for a successor, we were looking for that rare combination of a highly accomplished executive and leader who intimately understands both the civil engineering profession and the association business. In Tom Smith, we have found that person."

During his tenure at ASCE, Smith has provided leadership, direction and management oversight across a wide spectrum of ASCE's programs, operations and strategic initiatives, working closely with ASCE geographic and technical organizations and affiliates worldwide.

In 2011, Smith received the William H. Wisely American Civil Engineer Award, which recognizes ASCE members for their continuing efforts to promote appreciation for the history, tradition, developments and technical and professional activities of the Society.

Smith is also a Certified Association Executive (CAE) and an Envision Sustainability Professional (ENV SP), and has been active in his community. He serves on the Fairfax County Board of Zoning Appeals, and previously chaired bar association committees providing legal services to local homeless shelters as well as coordinating national moot court competitions.

18th ANNUAL GOLF OUTING A SUCCESS

With great weather and a golf course in excellent shape, 75 golfers participated in the 18th annual Central Ohio Section Golf Outing. Over \$2700 was raised to support the Younger Member Group and the ASCE Central Ohio Section Civil Engineering Career Day. In addition, \$180 was collected and contributed towards the Carolyn J. Merry Scholarship Fund. The outing was held again at Darby Creek Golf Course. Patrick Herl and Zach Freshner posted the winning low score of one under par with Mike Couvreur and Matt Lilie coming in second with an even par score. Prize hole winners included:

Closest to the pin: Dick Thompson #7, Brad Foster #11 and Dave Pearson #16

Closest to the pin, 2nd shot: Kevin Fahy #8, Brooks Vogel #10 and Ron Van Wey #15

Longest Drive: Dave Rourke #12 and Neil Schwartz #17

Longest Putt: John Enderlow #9, Ryan Mraz #13, Mike Ciotola #14 and Mike Couvreur #18

Winning Poker Hand (Holes 1 through 5): Jeff Feltz and Jim Pajk

Many other prizes were given away for selected placings.



Winners Zach Freshner and Patrick Herl



Younger Member chefs Zach Stolarsky, Matt Baxendell, and Jimmy Tannoury

A HUGE thank you goes out to the 31 sponsors of this outing who make this outing special and allow net proceeds to benefit the Younger Member Group and the Civil Engineering Career Day. The outing has raised over \$33,000 in its history. We would like to thank the following sponsors in particular for extra support:

Barr Prevost:	Lunch Sponsor
Jones-Stuckey:	Lunch Sponsor
Transystems:	Dinner Sponsor
Team Fishel:	Dinner Sponsor

Ohio Wetlands Foundation:	Beverage Cart Sponsor
CM Transportation:	Beverage Cart Sponsor

If you have any questions, comments or suggestions to improve the outing, would like to include your firm as a possible sponsor for next year or you are a younger member that would like to help out with the outing, please contact Jim Pajk at 614-525-3021 or jpajk@franklincountyengineer.org

Once again the highlight is the lunch and dinner that is prepared by the Younger Member Group, who benefits from the outing proceeds. A big thanks to the following Younger Members who volunteered their time to cater the event:

Greg Conroy, Parson Brinckerhoff

Zach Stolarsky, Korda/Nemeth

Matt Baxendell, Woolpert

Jimmy Tannoury, ASCE OSU Student President

Lunch included hamburgers, hot dogs and snacks and dinner included steaks, chicken, sides and the always popular and required pie selection.



Joe Grani and Chris Shea enjoying the buffet

8TH ANNUAL OHIO UNIVERSITY ASCE GOLF OUTING

8th Annual ASCE Golf OUTing

Main annual fund raiser for OHIO's student chapter of ASCE

Sat., Oct. 4th at 9 a.m.

Four-person golf scramble for students, faculty, alumni

Win prizes provided by event sponsors

**Fall ASCE social to follow at Broney's Alumni Bar & Grill
on Court Street!**

Contests include: Scramble

- Individual long drive
- Individual closest to the pin
- Individual longest putt

Rules and Regs:

- Teams must consist of four people. If three participants are unable to obtain a fourth, a student will join.
- One scorecard per team. Teams will be created on a fair handicap.
- To register, fill out the sign-up form and return it with a check made out to "Ohio University ASCE." Costs: \$80 (alumni, friends, faculty), or \$50 students. Fee includes cart for 18 holes, snacks, beverages, dinner, and social at Broney's.
- **Deadline: Sat., Sept. 20**

Evan Holcombe, ASCE Program Director

eh084310@ohio.edu

(740) 405-7098

Ohio University

Russ College of Engineering and Technology

Stocker Center 141

Attn. American Society of Civil Engineers

Athens, OH 45701



OHIO
UNIVERSITY

Russ College of Engineering
and Technology

EDUARDO RENATO CAIANIELLO AWARD



In a ceremony in Italy, on June 23, Hojjat Adeli received the Eduardo Renato Caianiello Award for Excellence in Scientific Research from the Italian Society of Neural Networks "for *Having Realized the Model of Interdisciplinary Scientist in the Pursuit of E.R. Caianiello Project and for the Excellent Results in Engineering and*

Neuroscience." He is the 9th recipient of the award since it was established in 1997. Previous recipients include Nobel prize winners in medicine, Gerald M. Edelman and Torsten Wiesel. Hojjat Adeli is an OSU University Distinguished Scholar, a Member of ASCE and 2009 Outstanding Civil Engineer of the Section, author of 15 books, and the Editor-in-Chief of the international journal *Computer-Aided Civil and Infrastructure Engineering*

FREE WEBINAR - INNOVATIVE BICYCLE FACILITY TREATMENTS

What: Free Webinar - 1.5 PDH

When: Monday, Sept 29, 2014

11:30 AM - 1:00 PM

Bring your own lunch

Where: Korda/Nemeth Engineering, Inc.

1650 Watermark Drive, Ste 200

Columbus, OH 43215

Topic: Innovative Bicycle Facility Treatments

RSVP: To newsletter@centralohioasce.org by Thursday, Sept 25, 2014.

*Open only to Central Ohio ASCE Section Members.

*Seating is limited to the first 25 people.

Purpose and Background

Recent advances in bicycle facility design guidance have led to increased demand from government agencies and the public to implement many of these innovative treatments. As more facilities are being implemented, users are recognizing the host of safety benefits and greater comfort level generated from the increased separation from automobile traffic and enhanced intersection treatments. Agencies throughout the country are using the design guidance recently issued within the National Association of City Transportation Officials Urban Bikeway Design Manual, in association with the guidance set forth in the established U.S. manuals such as the AASHTO Guide for the Development of Bicycle Facilities and MUTCD, to implement these facilities. The primary goals of this webinar are to familiarize transportation engineers/planners with the newest innovations in the bicycle facility design practice. The webinar will discuss recent developments in design guidance and considerations for designing these facilities.

Primary Discussion Topics

- Different types of bike facilities
- Current approved standards and reference material



- Origins of new design standards
- Innovative bike facilities/treatments
- Determining where and when to apply these treatments
- Considerations when implementing these facilities/treatments
- Locations where these facilities/treatments been implemented

Webinar Benefits

- Find out the latest advances in bikeway facility design
- Learn about current state of the practice
- Plan and design for safer and more comfortable bikeways

Webinar Outline

- Overview of traditional bicycle facilities
- Brief discussion on recent push towards rebalancing transportation network/Complete Streets
- Origin of newer/innovative design guidance
- New innovative bicycle facility treatments
- Determining where and when to apply
- Design considerations
- Conclusions
- Questions

The Central Ohio Section of ASCE 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 Central Ohio Section is paying the registration fee and inviting any interested section members to attend for free. Just RSVP by the deadline. Seating is limited, so do not delay.

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.

LSVC - ELECTRICAL ENGINEERING BASICS

What: Lower Scioto Valley Chapter

Meeting & Technical Presentation-1.0 PDH

When: Wed., Sept. 10, 2014 - 11:30 AM - 1:00 PM

Where: Wastren-Advantage

1571 Shyville Road

Piketon, Ohio 45661

Topic: Electrical Engineering Basics for Civil Engineers

RSVP: Sending an email to LSVC-Register@centralohioasce.com by September 8th. Space is limited, so register early.

You are invited to a Technical Presentation and Meeting of the Lower Scioto Valley Chapter of

ASCE. The Chapter is part of the Central Ohio Section of ASCE.

The presentation will include electrical engineering basics and some guidelines for Civil Engineers when working with Electrical Engineers on multi-discipline projects.

Presenter: Eric Hardwick, PE — Electrical Engineer, Hardwick Engineering

Cost: \$6 per person, includes pizza lunch. Please RSVP in advance. Payment may be made at the door.

Any questions please contact: tonyklimek3@gmail.com

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 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 use and cannot be checked out. They are located on the 3rd floor in a special collection area of the main Columbus library (north side of building in the half-height stacks).

Thanks to Adam Rich for organizing the donation.



ASCE STRUCTURES CONGRESS



Save the Date
STRUCTURES CONGRESS 2015
Portland, Oregon - U.S.A
April 23 - 25, 2015

CALL FOR PROPOSALS

Submit your abstract and/or full session proposal today for Structures Congress 2015.

We are currently accepting proposals for complete sessions and abstracts for individual papers to be presented at Structures Congress 2015. The Congress provides a forum to advance the art, science, and practice of structural engineering. All proposals are due

June 11, 2014. Visit the conference website for all the details www.structurescongress.org

Top 5 Reasons to Attend this Congress

- Network and make connections with leaders in your profession
- Gain Knowledge by attending outstanding technical sessions - over 110 from which to choose
- Earn Professional Development Hours (PDH's) in technical sessions
- Interface with students and young professionals
- Visit Portland for roses, parks, museums, outdoor adventure, great food, and so much more.

FREE ON-DEMAND WEBINARS

As a benefit to members, in 2014 ASCE is offering five free, on-demand webinars good for one PDH each. You may choose up to 5 webinars from the 60 on-demand webinars listed [HERE](#). Each one is a 1-hour webinar worth 1 PDH. That's 5 free PDHs from our comprehensive continuing education library – just for being a member! Categories include *Environmental, Geotechnical, Hydraulics and Water Resources, Management and Practice, Structural, and Transportation*.

Not a member? Join online or call Customer Service at 800-548-ASCE (2723) or 703-295-6300, Monday-Friday, 9:00 a.m. – 6:00 p.m., ET to take advantage of this exclusive member benefit.

Webinars must be taken by December 31, 2014.



5 FREE PDHs

NEW BENEFIT!

LEARN YOUR WAY.
EARN PDHs THIS FREE WAY ...

Take Five On-Demand Webinars offered by ASCE in 2014.

ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS

2014 - 2015 CENTRAL OHIO ASCE MEETINGS

Meeting Date	Topic	Group(s)	Location	Coordinator
Thursday Sept. 25, 2014 Lunch	Roberts Road Diverging Diamond Interchange (DDI)	ECC/ ASCE	OSU Fawcett Center	Heidi Rose
Thursday October 23, 2014 Lunch	Scioto River Restoration	ASCE	Crowne Plaza North	Mark Seidelmann
Thursday November 20, 2014 Lunch	SR23/I270 Interchange	ASHE/ ASCE	Villa Milano	David Lenzer
Thursday December 18, 2014 Lunch	Blueprint Columbus	ASCE	TBD	Greg Barden
Thursday January 22, 2015 Lunch	EWB Update - Santo Domingo Flood Control	ASCE/ EWB	TBD	Amanda Engle
Thursday February 26, 2015 Lunch	Engineers Week	All	TBD	Engineers Week Committee
Thursday March 26, 2015 Lunch	Bridge Park Development	ASCE/ SEAO	TBD	Fae Garstang
Thursday April 22, 2015 Dinner	OU/OSU Student Chapter Presentations Portsmouth Bypass	ASCE	TBD - Chillicothe, OH	Tony Klimek - Lower Scioto Valley Chapter
April/May 2015 (TBD) All Day	ASCE Spring Seminar	ASCE	TBD	Chris Nye
Thursday May 21, 2015 Lunch	ASCE National President Elect & Awards Luncheon	ASCE	Schmidts	TBD
June, 2015	2015-2016 Planning Meeting	All	Tommy's Pizza - Dublin, OH	A.J. Smith
Friday June, 2015 (TBD) Lunch & Dinner	Annual Golf Outing	ASCE	Darby Creek Golf Club	Jim Pajk

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

E-Mail: asce@centralohioasce.com

BOARD MEETING

Our Next Board Meeting

Will Be 11:30 AM

October 2, 2014

Location: Stantec

31500 Lake Shore Drive, Suite 100

Columbus OH 43204

INTERNATIONAL CONF. ON PERPETUAL PAVEMENT

What: International Conference on Perpetual Pavement
When: Oct. 30-31, 2014
Where: Hilton Columbus/Polaris

More than 250 experts from 30 states and 19 state departments of transportation attended the first two International Conferences on Perpetual Pavement (ICPP), held in 2006 and 2009, to discuss optimal design and construction approaches for asphalt pavements designed and built to last longer than 50 years without requiring major structural rehabilitation or reconstruction, and needing only periodic surface renewal in response to distresses confined to the top of the pavement. Following the success of the first two conferences, ICPP 2014 will provide a venue for participants to catch up with developments in this fast-moving field, and for state and local government to learn how to take advantage of the benefits of perpetual pavement.

Perpetual pavements contain a surface layer of high quality asphalt that resists rutting and traffic wear, intermediate layers of high modulus asphalt that provide structure and also resist rutting, and a fatigue-resistant bottom layer for crack

resistance. Perpetual pavements are becoming popular with transportation agencies seeking to reduce lifecycle costs and eliminate user impact associated with pavement reconstruction, because maintenance is limited to periodic resurfacing.

The conference, hosted by the Ohio Research Institute for Transportation and the Environment (ORITE) and the Ohio Department of Transportation (ODOT) with sponsorship from the asphalt industry, will provide a forum for agencies who have constructed perpetual pavements to share their experiences and for those who are considering construction to gain from these experiences. Topics will include: design verification and calibration, modeling, instrumentation, construction, and monitoring. Information provided at this conference will promote the proper design and construction of perpetual pavements.

For more information or to register see the conference web site at <http://www.ohio.edu/icpp/>. You may also contact the Ohio Research Institute for Transportation and the Environment at rite@ohio.edu, or by calling (740) 593-0430 (Tuesday-Thursday 8:00-5:00 only).

OUR PROFESSIONAL SPONSORS

Thank You



ms consultants, inc.
engineers, architects, planners
Providing comprehensive services
to Ohio for more than 50 years.

msconsultants.com | 614-898-7100 | [f](#) [t](#) [in](#)

Made In Ohio

**CARPENTER
MARTY transportation**

BRIDGE • SURVEY • TRAFFIC • ROADWAY
RIGHT OF WAY • PUBLIC INVOLVEMENT

7007 Discovery Blvd. • Dublin, Ohio • 43017 • (614) 656-2424



SPENCE
Environmental
Consulting, Inc.

- Environmental Assessment & Remediation
- BUSTR Corrective Action
- Groundwater Monitoring
- Geotechnical Engineering
- Environmental Compliance & Permitting

70 West Columbus Street, Pickerington, OH 43147
ph: 614.837.4750 www.SpenceEnv.com

Engineering • Planning • Architecture
Environmental • Surveys • Transportation

In Ohio, call
(614) 486-4383



Stantec

One Team. Infinite Solutions.



PRIME
ENGINEERING, INC.
(formerly PRIME Engineering, Inc.)

Bridge Design, Bridge Inspection,
Highway Design, Architecture,
Water Resources and CM/CI

www.primeeng.com

KORDA www.korda.com



Site Development | Transportation | Public Works | Surveying

SMBH, Inc. has been serving the needs of the
building design and construction industry since 1972.



SMBH
STRUCTURAL ENGINEERING

1166 Dublin Road, Suite 200
Columbus, Ohio 43215-1038
614.481.9800
www.smbhinc.com



**E.L. ROBINSON
ENGINEERING**

A Full Service Civil Engineering Firm

Highway • Bridges • Geotechnical • Hydraulics • Oil & Natural
Gas • Construction Administration

Columbus 614.586.0642 Cleveland 216.452.1890
www.elrobinsonengineering.com

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.



OUR PROFESSIONAL SPONSORS

Thank You



8101 North High Street, Ste 150
Columbus, OH 43235
(614) 468-1200

cmlengr.com



Environmental Services • Natural & Cultural Resources
Occupational Health & Safety • Water Resources & Solid Waste Engineering
Geotechnical Engineering • Construction Materials Engineering & Testing

www.smeinc.com



Award-winning Bridges
Bridge Inspection/Load Rating + Highway Design
Civil / Site Design + Sewers + Waterlines
Recreation + Parks + Environmental Studies
Construction Administration

Columbus
614.486.0401

Akron
330.794.7957

www.jonesstuckey.com



- Services**
- Ground-Penetrating Radar
 - Electrical Resistivity Imaging
 - Electromagnetic Profiling
 - Seismic Testing
 - Magnetometry

"Look
before
you
dig"

(614) 488-7860

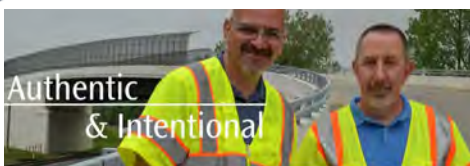
www.GrummanExploration.com
info@GrummanExploration.com



Transportation Planning and Design
Bridge Design and Inspection
Geotechnical Engineering and Exploration
Environmental - Design/Build - GIS

Joe Rikk Jr, P.E. • jrikk@gfnet.com • 614.794.9424
www.gannettfleming.com • Offices Worldwide

ISO 9001:2008
CERTIFIED



**Mead
& Hunt**

Engineering | Architecture | Aviation
Construction Services | Historic Preservation
Planning Development | Survey
614-792-5900 | meadhunt.com



888.775.3648
emht.com

From strategy development through
design and construction management,
Hull's Civil Engineering team can help.

HULL

SHALE OIL AND GAS • ENVIRONMENTAL
WASTE MANAGEMENT • ALTERNATIVE ENERGY
BROWNFIELDS • www.hullinc.com



Alt & Witzig Engineering, Inc.
Geotechnical Engineering • Environmental Services • Construction Quality Control • Special Inspector
2415 Scioto Harper Drive, Columbus, Ohio 43204 Ph: (614) 274-7428



YOUR TRUSTED ADVISOR

Water Treatment & Distribution | Wastewater Collection & Treatment
Highway, Bridge & Traffic | Stormwater Management
Land Surveying | Construction Engineering
Planning & Zoning | Downtown Revitalization | Parks & Trails

www.ctconsultants.com 614.885.1700