

Tentative Program

Wednesday, April 15, 2015

10:00 am – 12:00 pm..... REGISTRATION, LOBBY

10:00 am – 6:00 pm..... OUTSIDE EQUIPMENT DISPLAY, PARKING AREA

12:15 pm – 2:00 pm **County Bridge Program and Panel Discussion***

Moderators:

Scott Coleman, PE, PS, Logan County Engineer and Bridge Committee Co-Chair

Tim Piper, PE, PS, Allen County Engineer, Bridge Committee Co-Chair

Panel:

Jeff Linkous, PE, PS, Clinton County Engineer

Brad Irons, PE, PS, Marion County Engineer

Eric Liew, PE, PS, Bridge Engineer, Wayne County Engineer's Office

2:00 pm – 2:50 pm **Round Table Discussion**

Bring your work related questions for a lively and informative exchange.

3:00 pm – 3:50 pm **Fracture Critical Members: What to Look for When Inspecting and Making Repairs***

Mike Brokaw, PE, Assistant Administrator, Office of Structural Engineering

ODOT

This will cover typical bridge inspection and repair strategies for fracture critical bridge-members in Ohio

4:00 pm – 4:50 pm **Greene County Hyde Road Covered Bridge***

Robert Geyer, PE, PS, Greene County Engineer

The Richard P. Eastman Covered Bridge, located on Hyde Road in Yellow Springs, Ohio, is the second Howe truss covered bridge erected in Greene County in as many years. The aesthetic design connects it not just to its immediate location, but to the region, which has a rich transportation history.

5:00 pm – 6:00 pm **DINNER, LOWER LOBBY**

6:00 pm – 9:00 pm **TRADE SHOW AND REFRESHMENTS, MEZZANINE**

Learn more about our Exhibitors' products and services and network with other conference attendees. Join us in the Exhibit Area upstairs immediately following dinner. Refreshments will be served.

**All sessions (excluding Round Table Discussion) have been recommended for CPD credit for a maximum of 7.75 CPD hours. Please note that the final determination of what qualifies for CPD credit ultimately lies between the license holder and the State Board of Registration for Professional Engineers & Surveyors.*

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Thursday, April 16, 2015

8:00 am – 8:50 am

Butler County Depot Bridge Rehab Project*

Scott Bressler, Operations Deputy, Butler County Engineer's Office

This presentation walk the audience through a bridge rehab project from start to finish in which Butler County removed a small slab top bridge built on stone abutments and installed an 8x5 precast box. This project was especially difficult because the bridge was on a dead-end road with a house on the other side and limited room to build a temporary road. We closed the road, removed the old structure, installed the box and opened the road to traffic that night. This project also included working with precast blocks from Redi Rock to help guide the channel into the structure. The project will be highlighted from design through estimating for State Audits to construction.

9:00 am – 9:50 am

Concrete Composite Deck Pour on Prestressed Box Beam Bridges*

Scott Coleman, PE, PS, Logan County Engineer

Mike Kerns, Assistant Engineer

Dan McMillen, Bridge Superintendent

Logan County will discuss their composite deck pour procedures for prestressed box beam bridges. They will discuss forming, form brackets, work platforms and railing, galvanized reinforcing steel, concrete mix with Ipanex additive, preparation, pouring, finishing, curing, and cost.

10:00 am – 10:50 am

Safety Reminders in the Field and Recent Changes to OUPS Law *

George Gillespie, Public Awareness / Services Coordinator, Ohio Utilities Protection Service

This presentation will cover: digging dangers, things to remember before excavating in Ohio, and an update on Senate Bill 378.

11:00am-11:50am

Various Rebar Types: Pros and Cons*

Chungwook Sim, Postdoctoral Research Assistant, School of Civil Engineering Purdue University

The focus of this study is to evaluate the structural (bond and cracking) and material (corrosion) performance of concrete bridge decks reinforced with corrosion-resistant reinforcing bars. Eleven different material were tested. Test results of these various rebars will be discussed.

11:50am-12:00pm

TOWN MEETING / ADJOURN

Scott Coleman, PE, PS, Logan County Engineer and Bridge Committee Co-Chair

Tim Piper, PE, PS, Allen County Engineer, Bridge Committee Co-Chair

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Speaker Bios

Scott Bressler started at the Butler County Engineers in 1981 as a coop while attending Cincinnati State working on his Construction Management Degree. While there he worked as a laborer, truck driver, mower-operator and construction inspector. He stayed with the BCEO until 1987 when he started his construction company working for several counties, cities and developers in the area. He then went to work for West Chester Township as a project manager and eventually became the Services Director until he left and came back to become the Operations Deputy at the Butler County Engineers Office for the last fifteen years.

Mike Brokaw has been inspecting bridges for twelve years. He works as the Inspection and Maintenance Engineer in ODOT's Office of Structural Engineering.

Robert Geyer attended Purdue University and spent 22 years in the construction industry building roads and bridges prior to becoming engineer in 1997. He was project engineer on the largest public works projects at the time in both West Virginia and Rhode Island, both projects in excess of \$60 million.

George Gillespie currently serves as a Public Awareness / Services Coordinator with the Ohio Utilities Protection Service, O.U.P.S. - the "Call Before You Dig" for the state of Ohio. He has been with O.U.P.S. since 2001, where his responsibilities take him all across Ohio and other states educating and promoting utility damage prevention. He has over 44 years of utility experience.

Brad Irons graduated from Ohio Northern University with a bachelor's degree in Civil Engineering. From school he began his career at the Marion County Engineer's Office as Deputy Engineer. He was placed in charge of all aspects of the office, including all the field work for the next 17 years. Brad became the County Engineer in 2001 to the present.

Eric Liew earned his Bachelor of Science and Master of Science in Civil Engineering degrees in 1986 and 1988 at University of Toledo. He is a registered professional engineer and professional surveyor in Ohio. His professional Experience includes over 12 years as Bridge Engineer with Wayne County Engineer's Office, 12 years as Project Manager/Bridge Engineer with Northwest Consultants, and 3 years with ODOT District 2, Assistance Maintenance Engineer.

Jeff Linkous currently serves as the Clinton County Engineer, having been elected to that position in 2008. Prior to that, he served as Deputy County Engineer for Clinton County since 1980. He is a 1980 graduate of the University of Cincinnati with a Bachelors in Civil Engineering. Jeff currently serves as Chairman of the CSTP/LBR Committee and as a member of the Safety Sub-committee. He is also a member of the Computer Committee and of the Survey/Mapping/ GIS Committee. Jeff serves on the District 10 Integrating committee of the Ohio Public Works Commission and is Chairman of the Executive committee.

Chungwook Sim is a postdoctoral research assistant at the center for earthquake engineering and disaster data at Purdue University. He received his BS from Yonsei University, Seoul, Korea, MS from the University of Texas at Austin, and PhD from Purdue University. He is a member of ACI Committee 133, Disaster Reconnaissance. His research interests include development of data repositories for multi-hazards, and modeling and testing of reinforced concrete members under extreme load events (earthquake, blast, temperature, corrosion).

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