

Hydraulic Engineering Conference 2011

Office of Hydraulic Engineering
September 9, 2011



Welcome

- House Keeping Items
 - Cell Phones
 - Bathrooms
 - ODOT Cafeteria

- Attendance List

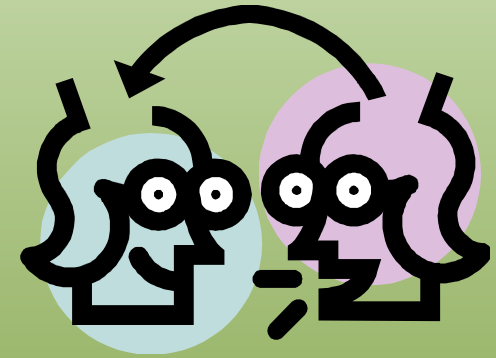


Agenda Items

9:00– 9:15	Registration Continental Breakfast
9:15– 9:30	Introduction Jeff Syar, OHE
9:30- 10:00	Conduit Rehabilitation Methods Chris Wisehart & Karl Bates, Indiana Reline
10:00 – 10:30	UNI- Culvert Spray Lining using SS834 Anthony Turowski, District 6
10:30 – 10:45	Break
10:45 – 11:15	Environmental Regulations and ODOT’s Program: Challenges and Opportunities Adrienne Smith, Mike Pettagrew, Hans Gucker, Office of Environmental Services
11:15 – 12:30	Lunch On your own
12:30 – 1:00	Conveyance Flow Considerations for the ODOT Regional General Permit (RGP) Ron Trivisonno, C.O. Construction
1:00 – 1:30	Cooperative Stormwater Efforts for I-75 Reconstruction Doug Gruver, District 8
1:30 – 2:00	Culvert Inventory John Puente/Fred Judson, District 2
2:00 – 2:15	Break
2:15 – 2:45	How to Use OSIP LiDAR data Dan Reinke
2:45 – 3:15	FEMA Definitions Bill Krouse, OHE
3:15 – 3:30	Wrap Up Jeff Syar, OHE

Purpose of Conference

- Share Information
- Create Contacts Across the State
- Meet your peers!
- Introduce the Office of Hydraulic Engineering (OHE)
- Continuing Professional Development Credits - 4.5 hours



OHE Introductions

Major Program/Task	Responsible Individual
Office Administrator	Jeff Syar
NPDES Post Construction	Jon Adams
Culvert Management and Inventory	John Stains
Hydraulic Design (including Bridge Hydraulics)	Becky Humphreys
Bridge Hydraulics	Bill Krouse
Temporary Work Assignment – District 6 I-670/71 Design Build	David Riley
<i>All individuals provide plan review, standard and specification updates, and other technical assistance as needed.</i>	

OHE Major Office Responsibilities

- Support District Offices by performing plan review and technical assistance as needed
- Location and Design Manual, Volume 2 & Bridge Design Manual updating to reflect current practice as needed
- Culvert Inventory and Inspection Program
- NPDES Post Construction Structural BMP's
- Structural design of culverts
- Update Hydraulic Specifications and Standard drawings (SCDs) as needed to reflect current practice

OHE – Customer Focused

- Will act professional and courteous to customers and each other
- Will furnish quality customer service (respect the customer's point of view)
- Strive for a "win-win" relationship with all customers

WE APPRECIATE YOUR BUSINESS!

OHE Current Short Term Goals



- **Implement Statewide Culvert Management Program**
- **Revise Exfiltration Trench Design** – Working with Ohio University
- **Revise Tied Concrete Block Mat Specifications** – Currently have a mixed bag of approved Vendors
- **Implement SS802 to replace CMS 603** – Performance Based Conduit and Drainage Structure Construction Specification

OHE Long Term Goals

- Perform Conduit Durability Research Again
- Evaluate Other Software (ie: Storm Cad, Pond Pack, etc.) for ODOT hydraulic design
- Evaluate Arcview GIS software and Hec-GeoRas software
- Evaluate Conduit Rehabilitation Tools and Furnish better Guidance

Let's Roll

