Materials Testing and Innovations in Pervious Concrete

Presented by Walter H. Flood IV, P.E. of Flood Testing Laboratories

Mr. Flood will be sharing the basics of pervious concrete including the approved test methods, and will then touch on a few of the new and exciting changes that have been occurring in the world of pervious concrete. These include: dramatic changes in the look and design of pervious mixes resulting in high slump, place-able mixes; revolutionary finishing techniques that result in a smooth, flat finish; and ground-breaking research on the effects of chlorides on pervious concrete durability.

Mr. Flood has been involved with concrete his whole life, being “born as an indentured servant” into his family’s lab, Flood Testing Labs in Chicago. He obtained a Bachelor’s in Civil Engineering from Rose-Hulman and a Master’s Degree from the University of Colorado at Boulder. He has used his time to pursue interests in concrete research, including a focus on pervious concrete. Walt is a voting member of ACI 522, Pervious Concrete, and wrote Chapter 9, Quality Control, for the as yet unpublished and updated 522.1, ACI’s Report on Pervious Concrete. He is also the secretary of ASTM C09.49, Pervious Concrete, and the current task group chair for the Standard Test Method for Density and Void Content of Pervious Concrete, test method C1754. Mr. Flood is also an NRMCA certified Pervious Concrete Technician and coordinated the Quality Control testing for pervious concrete at the World of Concrete earlier this February.

Anyone interested in concrete is invited! We will provide pizza and beverages before the meeting. See you there!
http://publish.illinois.edu/americanconcreteinstitute/