APRIL 10, 2019

Wednesday, April 10, 2019
4:00 PM (1.0 PDH)

WORKSHOP
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Title : **Precast Reinforced Box Culvert Design & Installation**

Speaker : Alena Mikhaylova, Ph.D. w/ *Rinker Materials*

Alena Mikhaylova, Ph.D. is a Technical Promotions Engineer with Rinker Materials for South Central Region. She earned her Bachelor s degree in Mechanical Engineering from Gubkin s Russian State University of Oil and Gas in Moscow in 2005, Master s Degree in Civil Engineering in 2009 and Doctorate degree in Civil Engineering in 2013 from the University of Texas in Arlington. Before joining Rinker, Alena worked for Global Maritime, performing advanced finite element analysis of mobile offshore drilling units for operations in Gulf of Mexico, Canada and North Sea regions. Alena is an active member of engineering community serving on ASTM C13 and F17 committees, she also a member of Transportation Research Board AFS40 Standing Committee on Subsurface Soil-Structure Interaction, a friend of AFF70 Standing Committee on Culverts and Hydraulic Structures, has technical publications in peer reviewed journals and made numerous presentations at industry conferences and to engineering community. She also serves on the board of the American Society of Highway Engineers Houston as treasurer, helping launch the section in Feb 2018. Section has successfully grown to 55 members to date. Alena became a chair of the committee for Critical Thinking for the Infrastructure Advancement Institute in 2018.

ABSTRACT : Precast Reinforced Concrete Box Culverts (RCB) is a versatile product that can have many applications from storm drain, detention system, bridges to cattle underpass. Learn about applicable standards used for precast RCB design, proper RCB installation and inspection of installation.

WHO SHOULD ATTEND?

Transportation, hydrology, geotechnical and other civil engineers and civil construction contractors and inspectors who would like to learn more about the various applications available when designing, installing, and inspecting Precast Reinforced Concrete Box Culverts.