



ALABAMA SECTION  
Birmingham Branch

**Certificate for Professional Development Hours  
(PDH) for Monthly Branch Meeting**

on

February 6, 2020

at the

Historic Cahaba Pumping Station,  
Birmingham, Alabama

**Technical Presentations\* – 1.0 PDHs**

**“Innovative Materials in Civil Engineering: From Smart Materials to 3D Printing” –  
Dr. Muhammad M. Sherif, Ph.D.**

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Participant

*Hector Orozco*

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Hector Orozco, A.M.ASCE  
Secretary, ASCE Birmingham  
Branch

\*According to the Alabama law regulating Practice of Engineering and Land Surveying, 330-X-13-.02, (5)(d) Continuing Professional Competency, this technical presentation counts as one (1) PDH toward the maintenance of the Alabama Professional Engineer (PE) license