



ALABAMA SECTION  
Birmingham Branch

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

on

December 5, 2019

at the

American General Contractors AGC  
Building, 5000 Grantswood Rd Irondale,  
Birmingham, AL 35242

**Technical Presentations\* – 4.0 PDHs**

9/11 NIST Reports on WTC 1, 2, 7 Tower Collapses by Mr. Marshall Pfeiffer, S.E.

I20/59 Bridge Replacement Design/Construction Overview by Mr. Adam Patterson

Design and Analysis of HSS Connections by Mr. Ahmed Elhattab, PhD., P.E.

Mass Timber Construction: Products, Performance and Design by Mr. Jeff Peters, P.E.

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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 four (4) PDH toward the maintenance of the Alabama Professional Engineer (PE) license