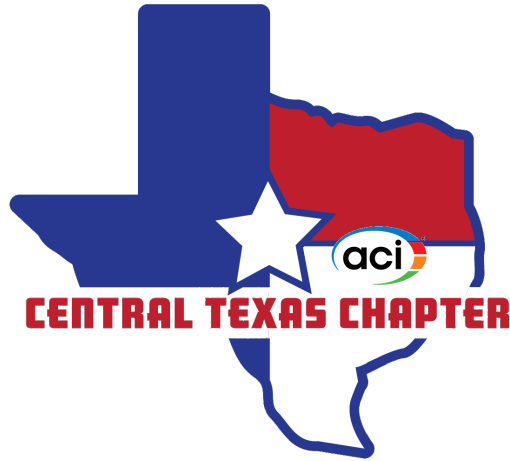




Professional Development Hours (PDH's)

Various States have established the PDH as a requirement for professional license renewal. Typically, this is a self-certifying requirement. Attendees have a personal responsibility to assess the applicability of attended program elements to their professional development. Attendees are encouraged to consult their state licensing board to answer any questions regarding PDH credits. Attendees are hereby advised that neither The Central Texas Chapter of The American Concrete Institute nor the participating speakers guarantee compliance of the individual program elements with the qualifications established by individual State licensing boards.

Certificate of Attendance

This Certificate Documents That

**has attended the following presentation sponsored by the
Central Texas Chapter of the American Concrete Institute**

Thursday, March 14, 2024

via in-person meeting

11:45 PM – 12:45 PM

FRP Strengthening
by Trey Hamilton, PE, PhD, FACI

Trey Hamilton, PE, PhD, FACI is a Senior Engineer at the American Concrete Institute. His role is to provide technical and administrative support to ACI's technical committees and to assist with the development of technical resources, educational programs, and the adoption of its consensus-based standards. He has 37 years of experience in structural engineering research, practice, and teaching. For the past 30 years he has been conducting applied research and teaching with a focus on structural concrete and masonry. Prior to entering academia, he was in private practice as a design engineer for 7 years designing commercial and institutional buildings as well as municipal and industrial facilities. Hamilton is past chair of ACI Technical Activities Committee and ACI Committee 423 Prestressed Concrete. He was elected to fellow of both the American Concrete Institute and Post-Tensioning Institute. He is a registered professional engineer in Florida and Wyoming and is Professor Emeritus at the University of Florida.

Fiber-reinforced-polymer (FRP) strengthening is common in rehabilitation and repair construction projects. Products for this type of strengthening come in several different shapes and sizes including sheets, precured shapes, and near-surface-mounted bars. FRP can be used to add shear and flexural strength to structural elements and can also be used to add confinement in existing structural members with significant seismic forces.

Charles Hammond
ACI President 2024
Central Texas ACI Chapter