

JANUARY 2018 MEETING

Wednesday, January 10, 2018 (1.0 PDH)

TECHNICAL PROGRAM

Geoforensic Evaluation of Asphaltic Concrete Pavements for Parking Lots

Speaker: [David Eastwood](#), P.E., C.A.P.M., founder and Principal Engineer with [Geotechnical Engineering and Testing](#), and Co-founder of the Foundation Performance Association. Tel. 713-699-4000.

PRESENTATION SUMMARY

Mr. David A. Eastwood, P.E., D.GE, DFE, C.A.P.M., F.ASCE, President of Geotech Engineering and Testing discussed Geoforensic Evaluation of Asphaltic Concrete Pavements for Parking Lots.

The presentation outlined steps taken to evaluate the causation for distress for asphaltic concrete parking lots. This specific project consisted of a large parking lot near the airport. The pavement structure started having distress after construction. The scope of the study was to evaluate the cause of distress, and develop pavement repair techniques. This work was conducted by carrying out site visits, evaluating the existing pavement thickness components, testing all components and developing pavement repair techniques. In addition, Geotech Engineering evaluated the life expectancy of the damaged pavement.



PAST PRESENTATIONS

To read summaries of previous FPA presentations by David Eastwood, please click:

[April 2017](#) - Foundation Repair Techniques for Lightly Loaded Foundations in Texas

[July 2016](#) - Geotechnical Considerations for Soil Stability, Ditches, Embankment and Detention Ponds

[February 2014](#) - Simplified Method for Design of Shallow Drilled Shafts Subject to Light Loading in Expansive Soils

[September 2007](#) - Recommended Practices for Design and Construction of Swimming Pools in Houston

[January 2003](#) ASCE Paper Presentation - "Recommended Practice for the Design of Residential Foundations."

[June 2001](#) - State of Practice of Geotechnical Engineering Design of Custom Homes in the Houston Area between 1990 and 2001