

2010 ACEA Symposium

Session Topics, Moderators, & Long Descriptions

Curb & Gutter Acceptance Issues; David Magaña, P.E. – Panel discussion dealing with the various types of curb crack situations and the methods of repair that the City will accept. Additionally the panel will discuss how to minimize the risk of cracks and damages to the curb and gutter during construction and during the crucial one year period following construction.

Ethics; Keith Young, P.E. - Panel discussion including a PE Board representative regarding ethical conduct in the practice of Engineering. (**Fulfills Texas Board of Professional Engineers requirement for one hour of Ethics continuing education**).

ECM Changes – SWPPP, And all COA Department Changes; Casey Giles, P.E. – A panel discussion over the recent rule changes from all COA departments and the affect they will have

Employment Law (hire/fire/retention/wage rate compliance); Rob Contois – Find out what your firm must do to comply with immigration laws, fare wages, and family leave act laws. Get tips on the do's and don'ts of recruiting, hiring, and terminating employees; how to respond to claims from the EEOC, Texas Workforce Commission, Department of Labor and ICE; and, how to prepare for E-Verify (as a federal vendor and potentially--an employer in Texas).

City of Austin and Local Community Projects; Howard Lazarus, P.E. - Updates and information on major, once in a lifetime City of Austin public works projects. These projects will cover a full spectrum of interests, including water, streets, urban rail, ongoing bond projects, and potential new bond projects.

Sustainable Roadside Management; Sean Compton, LEED AP – Integrated approach to design, construction and maintenance creating landscapes that reduce erosion, improve stormwater and enhance roadways

AASHTO - LRFD Structure Design; Lloyd Wolf, P.E. – An update and lessons learned discussion regarding AASHTO's probabilistic Load Resistance Factor Design approach for all structures

404 Permit Changes; Jim Huffcut, P.E. – Clean Water Act Nationwide – Jurisdictional water definitions, interpretations, & permitting requirements discussions

Traffic Control Issues (MUTCD changes); Mary Mazzei, P.E. – Do's & Don'ts to get Traffic Control Plans approved in various jurisdictions

Full Depth Reclamation; Kelvin Reinhardt – Presentation on roadway recycling process in which pavement and underlying material is improved upon with an additive to produced sturdier base

Municipal Utility Districts (MUD's) - Design Series I; Ken Heroy, P.E. – What they are, what they do, and the rules that you need to be aware of when working in them

Alternative Delivery Methods; Greg Smith, P.E. – A panel discussion on the pros and cons of different construction delivery methods and when/why to use them

Mobile Mapping; Gordon Perry – Presentation on mobile mapping system and how it has streamlined data collection for large scale corridor projects

Sustainable Site Initiative; Dr. Steve Windhager – Informative overview session regarding site sustainability to maintain or improve water and soil ecosystem conditions

COA's Small, Minority and Women-Owned Business Program; Mike Trimble – This session will discuss the City of Austin's MBE/WBE program and in particular how it applies to construction-related contracting

BIM/CIVIL 3D/REVIT – 3D CAD programs; Mike Fisher, P.E. - Discussion of new CAD technologies and their effect on design and construction

Characteristics of Stormwater Treatment Base Mechanisms; Chris Landt – Presentation on understanding the advantages and disadvantages of treatment mechanisms for design

Practicality vs. Technology - Design Series II; Jim Huffcut, P.E. –Seasoned and experienced engineers discuss useful “old school” tools and techniques that are still valuable and useful tools in the current computer aided design era

The Third Utility-Reclaimed Water; Dan Pedersen, P.E. – Design, installation and operation requirements for reclaimed water and its growing presence in Austin

Central Texas Transportation Issues - Joe Cantalupo – A Regional, District and Local look at transportation plans for the future including a preview of the CAMPO 2035 Plan

Hornsby Bend Bio-solids Treatment Facility; Frank Carmichael, P.E. – Case study on one of the most advanced biosolids reuse facilities in the US