



STUDENT CHAPTER
University of Kentucky

MEETING AGENDA

ASCE Meeting Date : 11/16/16

Officer Reports:

Officer Elections - Next meeting

Guest Speaker: Paul Michels

- Paul Michels and Sons, Inc

3D Construction Modeling and layout
basic concrete and pipe work

- Earthwork
- Utilities
- Concrete
- Asphalt

PC based CAD
starts with pdf take off

CAD must be used for sitework

so why do we need Models?

Trimble Business Center - HCE

- Design
- Job planning
- Take off and Estimating
- Construction

- Import a CAD file into it

- Standardize Data

- ELEVATE Lines

- Build Surfaces

- Layout - GPS Rover

- Machine Controls - only as good as model

- cut/fill
- Soil Borings

- Future of Construction Modeling - Trimble