

CEE 595F – Geotechnical Engineering Seminar

Monday, November 4, 2019 | 11:00 AM, Newmark Lab 3310 | open to all CEE

Cost Implications of Subsurface Characterization

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Abstract: Subsurface characterization during the pursuit phase of a project can significantly impact a projects budget and schedule. This presentation will show the benefits of a proper subsurface characterization for the foundations system on a new combined cycle power plant project located southeast Ohio and the consequences of an improper subsurface characterization for a 60 foot tall rock excavation on a new Waste Water Treatment Facility in Atlanta, Georgia.

Speaker Bio: Matt Hawley is a graduate of Lawrence Technological University, where he received a B.S. in Civil Engineering. In 2011 Matt joined Kiewit Engineering Group. His project experience includes design and construction of deep foundations, transmission line foundations, landslide repairs, cofferdams, and support of excavation systems for heavy civil, power, and industrial projects across the U.S. and Canada. Matt is a professional engineer and is currently licensed in Kansas, Michigan, Nebraska, New Jersey, New York, Ohio and Pennsylvania. His current role at Kiewit is the Power and Industrial Geotechnical Lead overseeing a diverse team of engineers performing design engineering for Power Generation, Power Delivery, and Industrial projects across North America.