SPECIAL ANNOUNCEMENT

Join your peers for the next SEI Houston Chapter Luncheon Technical Session:

“RIVERBANK EROSION CONTROL RETAINING WALL SYSTEM FOR THE BRAZOS RIVER BRIDGE”

Continuing erosion caused by the Brazos River in Southeast Texas was threatening the stability of the Judge Jodie Stavinoha Bridge. An innovative retaining wall design consisting of tangent drilled shafts with supplementary seal shafts was used to limit further erosion and to protect the abutment and corresponding embankment of the Highway 99 bridge crossing. A tangent shaft wall was selected which included both 5.5 and 10-ft diameter cast-in-place concrete drilled shafts with depths of up to 130 feet and comprised both anchored and cantilevered wall sections. Supplementary seal shafts and steel sheet pile deadman wall structures were incorporated into the design. The initial design had to be revised when a record flood from Hurricane Harvey impacted the site during construction.

**Speaker:** Mr. Will Bohlen

**Where:** LJA Engineering, 5th Floor Training room @ 2929 Briarpark Dr., Houston, TX, 77042

**When:** Tuesday, April 24th, 2018, 11:30 AM to 1:00 PM

**Cost w/RSVP:** $25 ($20 for Government Employees, or $15 Students)

**Walk-in Attendee:** $30

Type “RSVP” in the subject line of an email to: oszymczyk@lja.com (seating may limited so please let us know if you will be attending)

**Speaker Bio:** Will Bohlen became the Structural Practice Lead for BGE Inc. (formerly known as Brown & Gay Engineers) in June 2017. At present, he is overseeing the structural work for BGE on a wide variety of projects including highways & roads, port facilities, and a variety of flood control and hydraulic structures. Will has his civil engineering degree from the University of Illinois, with an emphasis in structures and a secondary emphasis on geotechnical engineering. He has 24 years of experience focused on highway bridges and port terminals, with a mixture of special structures including sports stadiums, elevated light rail & monorail guideways, and floating concrete structures for the offshore industry.

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