



## ASCE SEATTLE SECTION GEOTECHNICAL GROUP DINNER MEETING

THURSDAY December 17<sup>th</sup>, 2009

**Topic:** BANJO BILL ROCK CATCHMENT BASINS

**Time:** 5:30 – Social Hour, 6:30 – Dinner, 7:30 – Program

**Place:** McCormick & Schmicks – 1200 Westlake Avenue North, Seattle, WA 98109

**RSVP:** Please RSVP with your dinner entrée preference (Chicken Marsala or Mushroom & Asparagus Risotto) via: Our website [www.seattlegeotech.org](http://www.seattlegeotech.org), e-mail to [rsvp@seattlegeotech.org](mailto:rsvp@seattlegeotech.org); or phone to Michel Bouchédid at (425) 233-3286 **by 4:00 PM on Tuesday Dec. 15<sup>th</sup>, 2009 for the advance RSVP rate.** Please let us know in advance if you would like to cancel.

**Cost:** \$35 with advance RSVP. \$40 with reservations made after Dec. 15<sup>th</sup> deadline or at the door. \$15 for non-reimbursed public agency employees, and students. If you are a student and would like to be sponsored, please specify when you RSVP. You can pay via Paypal or credit card online, or at the door by cash or check payable to "ASCE Seattle Geotechnical Group"

**Speaker:** John Bickford, P.E., DBM Contractors, Inc., Federal Way, WA

**Abstract:** Public safety and maintaining environmental integrity are the two most important features highway departments consider when designing and procuring construction projects along scenic highway corridors. Design, contract procurement and construction of two rock catchment basins on SR 89A in scenic Oak Creek Canyon near Sedona, Arizona required innovative thinking to meet the many environmental and technical challenges presented on this project. Anchored micropile earth retention structures were chosen as the most feasible alternative to create the two basins to catch and contain falling boulders and rocks from entering the roadway and adjacent campground.

**Bio:** Mr. Bickford has over 16 years of experience in structural engineering and specialty geotechnical construction. His work experience includes the design and construction administration of drilled foundation support systems, including drilled shafts and micropiles, temporary and permanent earth retention systems for excavation support, and slope stabilization systems throughout the Western United States. Mr. Bickford received his Bachelors of Science in Civil Engineering degree from Seattle University and is a registered Profession Engineer in Washington and Arizona. He is a member of the ADSC, ASCE, and DFI. He also serves as a member of the ADSC/WSDOT Task Force.

**Planning Committee Meeting:** Monday, Dec 14<sup>th</sup>, at 12:00 Noon via conference calling to AMEC office in Bothell. We would like to see a representative from each organization at our planning committee meetings. If you plan to attend, please e-mail Carlo Evangelisti at [carlo.evangelisti@amec.com](mailto:carlo.evangelisti@amec.com) for conference call-in information.

### ASCE Seattle Section Geotechnical Group – 2009-2010 Officers

[www.seattlegeotech.org](http://www.seattlegeotech.org)

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