



2011 - 2012

October Meeting Notice

Minnesota Geotechnical Society

Design and Load Testing of Helical Pile and Micropile Foundations

Chad Underwood, Engineering Partners

This presentation will cover the basic design philosophy of helical pile and micropile foundations, including the theory behind some of the empirical equations used for routine design applications. A discussion of the advantages and limitations of the two foundation systems will be included. The use of confirmation field tests and the interpretation of field test data will be discussed and highlighted with case studies from projects completed throughout the upper Midwest.

Date: Wednesday, October 12, 2011

Location: Rose Vine Hall (downstairs at Grumpy's Bar & Grill)
2801 Snelling Ave. N., Roseville, MN

Time: 6:00 Social Hour, Sponsored by Engineering Partners

7:00 Dinner & Dessert: Salad, Rolls, Coffee/Soda and a choice of:

1. 10-Ounce Top Sirloin - Char-grilled and topped with bleu cheese garlic butter. Served with white cheddar mashed potatoes and a sautéed vegetable medley – \$35.00*
2. Stuffed Pork Chops – Two char-grilled pork chops stuffed with golden raisins, cornbread and apples – \$35.00*
3. Feta Cheese and Sun-Dried Tomato Stuffed Walleye - Served over white cheddar mashed potatoes with a drizzle of lemon thyme butter sauce – \$35.00*
4. Chicken Fettuccine Alfredo - Fettuccine noodles, snow pea pods, and mushrooms tossed in an Alfredo cream sauce and topped with a grilled chicken breast and parmesan cheese – \$30.00*
5. Cobb Salad – Iceberg topped with turkey, ham, bacon, hard cooked eggs, avocado, diced tomatoes, bleu cheese crumbles, and black olives with choice of dressing (Ranch, FF Ranch, Bleu Cheese, French, FF French, Italian FF Italian, Balsamic Vinaigrette) – \$25.00*

* See Cost

8:00 Presentation – Chad Underwood, Engineering Partners
(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: Paid 2011-2012 MGS Members receive a \$5 meeting discount on the meal costs listed above. The cost to Full-time students is \$5, payable to MGS at the door.

Reservations: Requested by 12 Noon, Friday, October 7, 2011
Please register via the website at <http://www.mngeotechnicalsociety.com/eventsmpls.asp>
Please print, fill out and bring the New Membership Application to the next meeting. The form is at: <http://www.mngeotechnicalsociety.com/newmemberapp2011.pdf>

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