



2007-2008

May Meeting Notice

Minnesota Geotechnical Society

Pile Testing at the I-35 Bridge Site

Jeff Gebhard, PE, Braun Intertec

At the peak of the rush hour, late in the afternoon on August 1, 2007, the unthinkable happened. The Interstate 35W bridge, north of downtown Minneapolis collapsed into the Mississippi River. As part of the Design-Build of the new St. Anthony Falls I-35W Bridge, Braun Intertec, along with Loadtest, Inc., the design team of Figg Bridge Engineers/TKDA and construction team of Flatiron/Manson, conducted a full-scale, design phase load test on a 6 1/2-foot diameter test-dedicated drilled shaft. This load test helped identify shaft-rock interaction properties, including end bearing and multiple zones of differing shaft resistance for design of the drilled shafts beneath the three piers adjacent the river. Based on these test results, the drilled shafts supporting the St. Anthony Falls I-35W Bridge were designed to reduce risk and maximize economy for the people of the State of Minnesota.

Date: Wednesday, May 14, 2008

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

Time: 6:00 Social Hour, Sponsored by Loadtest, Inc

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 sauteed vegetable medley
2. Feta Cheese and Sun-Dried Tomato Stuffed Walleye - Served over white cheddar mashed potatoes with a drizzle of lemon thyme butter sauce.
3. Seared Chicken Parmesan - Tender chicken breast crusted with aged Parmesan cheese and rapidly seared until golden brown. Served over white cheddar mashed potatoes and a sauteed vegetable medley with a light herbed cream sauce.
4. Manicotti – Fresh Pasta tubes filled with ricotta, mozzarella and parmesan cheeses. Baked in marinara sauce and finished with melted mozzarella.

8:00 Presentation – Jeff Gebhard – Braun Intertec

(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: \$25.00 members, \$30.00 non-members, and \$5.00 Full-time students, payable to MGS at the door.

Reservations: Requested by 12 Noon, Friday, May 9, 2008.

Please register via the website at <http://www.mngeotechnicalsociety.com/eventsmpls.asp>

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