



2010 - 2011

December Meeting Notice

Minnesota Geotechnical Society

**Vibration Monitoring for the I-35W/Hwy 62 Crosstown
Reconstruction Project**

Ryan Peterson, CNA Consulting Engineers

Vibrations resulting from pile driving have the potential to cause damage to adjacent structures. In 2007 construction began on the I-35W/Hwy 62 Crosstown Reconstruction Project. During the course of the project driven piles were required for 22 bridges, 9 retaining walls and dozens of temporary retaining walls. This project was in an urban area in close proximity to many residential and commercial structures. Mn/DOT hired CNA Consulting Engineers to perform precondition surveys on adjacent structures and conduct vibration monitoring to ensure pile induced vibration levels were within acceptable limits. This presentation will discuss details of the precondition survey program and results of the vibration monitoring program.

Date: Wednesday, December 8, 2010

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

Time: 6:00 Social Hour, Sponsored by CNA Consulting Engineers.

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
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 sautéed vegetable medley.
4. Manicotti – Fresh Pasta tubes filled with ricotta, mozzarella and parmesan cheeses. Baked in marinara sauce and finished with melted mozzarella.

8:00 Presentation – Ryan Peterson, CNA Consulting Engineers
(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, December 3, 2010
Please register via the website at <http://www.mngeotechnicalsociety.com/eventsmpls.asp>

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