



2017-2018

March Meeting Notice

Minnesota Geotechnical Society

Geotechnical Construction, Rigid Inclusions

Mr. David Mazzei, PE

Subsurface soil, bedrock, and groundwater conditions drive foundation selection. Where relatively near surface unsuitable soil is encountered, such as undocumented fill, compressible organics or soft clay, deep foundations (e.g. driven piles) are often proposed. For consideration, this presentation will describe the use of rigid inclusion (RI) ground modification techniques which, when designed and constructed properly, can allow the design of traditional, cost-effective spread footing and slab-on-grade foundation support, in lieu of the more expensive deep structural solution. The presentation will define the ground improvement technique, review common applications, design methodologies, quality control advances, and conclude with a few recent case studies involving projects in New York and other regions within the Northeastern United States.

Date: Wednesday, March 14th, 2018

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

Time: 6:00 Social Hour – Sponsored by Hayward Baker

7:00 Dinner – Buffet Style:
Hamburger or Chicken Sandwich with salad and a side. Cookies and Coffee desert. – \$30.00

8:00 Presentation – Mr. David Mazzei, PE, Geotechnical Construction, Rigid Inclusions
(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: 2017-2018 MGS Membership Dues are \$30.
Paid 2017-2018 MGS Members receive a \$5 meeting discount on the meal costs listed above.
The cost for full-time students is \$10, payable to MGS at the door.

Reservations: Requested by noon, Friday, March 9th, 2018

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