



2016-2017

January Meeting Notice

Minnesota Geotechnical Society

**Westminster Church Case Study:
*Underpinning and Retention of a Minneapolis Landmark***

Nathan Iverson, P.E.

The Westminster Church in Minneapolis was constructed in 1897 and has since gone through a series of renovations and additions. In 2016 the church began one of the most extensive additions to date, by removing the adjacent 1221 Nicollet building and parking ramp and began construction of a new space to expand the church's offerings and community presence. The demolition of the adjacent building and the subsequent excavation for the new addition required extensive underpinning of the existing historic church as well as retention of the adjacent roadways and structures. The adjacent excavation was 26 feet in depth and required retention and underpinning to extend up to 2 stories below grade.

This presentation will briefly discuss the project from proposal to completion. The site posed numerous challenges resulting in variety of different retention solutions being employed to protect the existing historic structure and allow construction for the future building.

Date: Wednesday January 11, 2017

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

Time: 6:00 Social Hour – Sponsored by Veit & Company, Inc.

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

8:00 Presentation – Nathan Iverson, P.E. Westminster Church Case Study
(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: 2016-2017 MGS Membership Dues are \$30.
Paid 2016-2017 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 12 Noon, Friday, January 6, 2017

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