

September 26th, 2019 – Joint Dinner Meeting

SR 30 Emergency Landslide Repair, A Geotechnical Perspective

Presented By: Brian F. Heinzl, P.E. - Gannett Fleming, Inc.



On April 7, 2018 a significant landslide resulted in the closure of Pennsylvania State Route 30 in Allegheny County. The route is a principal artery to Pittsburgh and supports more than 30,000 vehicles per day. The slide demolished one apartment building, severely damaged another, and impacted a single-family home.

Gannett Fleming prepared a comprehensive design package in just 10 days to allow PennDOT to bid and construct a landslide repair, which included landslide excavation and construction of a 400-foot-long anchored soldier pile and lagging retaining wall.

This presentation will focus on the geotechnical aspects of the project, providing attendees with information regarding the process followed to expedite the schedule, as well as discuss the significant cooperation that occurred between owner, engineer and construction contractor to minimize the impacts of the landslide. In total, the roadway was only out of service for 80 days.

Mr. Heinzl is a Geotechnical Project Manager for Gannett Fleming, Inc. in Pittsburgh, PA. He is a graduate of the University of Pittsburgh, earning a B.S. degree in Civil Engineering in 1989. He has spent much of his 30-year professional career performing geotechnical investigations and designs for various clients throughout Western PA. Over the last decade, his efforts have been focused on design and construction of landslide repairs throughout the Pittsburgh Area, assisting DOTs, other public agencies, and contractors with maintenance and improvement of the existing transportation infrastructure. Mr. Heinzl has collaborated on several technical papers and presentations resulting from his landslide stabilization experiences. He is an active member of ASCE and ESWP. He currently serves on the ASCE Pittsburgh Section Board of Directors as the Chairperson of the Educational Outreach Committee and is a past Chairperson of the ASCE Geo-Institute Pittsburgh Chapter.



Where

Engineers' Society of Western Pennsylvania (ESWP)
337 Fourth Ave, Pittsburgh, PA 15222

Time

6:00 – 7:00 PM	Socializing and cash bar
7:00 – 8:00 PM	Buffet dinner
8:00 – 9:00 PM	Presentation

Reservations

	until Fri. 9/13	between Sat. 9/14 - Fri. 9/20	Preferred RSVP and payment method
Students	FREE	\$10	Email Maria Jaime (mjaime@agesinc.com) - pay at the door*
ASCE Members	\$30	\$35	Log into www.asce-pgh.org - pay online
AEG Members	\$30	\$35	Email Heather Krivos (greaterpittsburghhaeg@gmail.com) - pay at the door*
Government Employees	\$30	\$35	Email Maria Jaime (mjaime@agesinc.com) - pay at the door*
Non-members	\$40	\$45	www.asce-pgh.org - pay online

* Only cash or checks received at the door