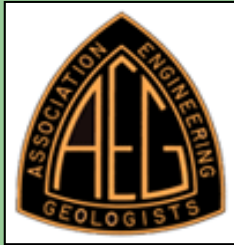


HAGS/AEG – Meeting Announcement

Thursday, March 8, 2018 6:30 p.m.



U.S. Route 11/15 Rock Slope Safety Improvement Project - Marysville, PA

Presented by: Jonathan Relyea, P.G. – American Engineers Group

Abstract: The U.S. Route 11/15 Rock Slope Safety Improvement Project was located in both Cumberland and Perry Counties within the municipalities of East Pennsboro Township, the Borough of Marysville, and Penn Township. The rock cut slopes were constructed during the late 1930s and since that time, vegetation growing along the rock faces, weathering, and freeze thaw cycles loosened rock on the slopes. Rock falling onto the road became a safety hazard and required constant maintenance. Where the slopes were steep and unstable, there was a need to control falling rocks and to prevent them from dropping onto the shoulders and into the travel lanes. The purpose of the project was to increase safety for motorists that use the roadway by installing a protection system to control future falling rock. The project involved very complicated and highly specialized work, all within in a very narrow work zone. A road closure was essential to install the protection systems and complete the hazardous work. An extensive effort was required to manage the detour and the impacts it would have on travelers and local communities, including economic and emergency management considerations.

Speaker Bio: Mr. Jonathan Relyea is a graduate of the College of William and Mary (B.Sc., Geology) in Williamsburg, VA and has been working as a geologist in the consulting field for nearly 15 years. Prior to moving to Pennsylvania, Mr. Relyea resided in Southern California, where he conducted investigations of numerous geologic and geotechnical hazards, including landslides, faults, slope stability, and liquefaction. Mr. Relyea pursued graduate level study at California State University, Northridge in the fields of Engineering Geology and Hydrogeology. Mr. Relyea is currently responsible for conducting geologic and geotechnical investigative field work, research, and analysis as it pertains to roadway and structure design.

Meeting Location:

AEG Offices
441 Friendship Road
Harrisburg, PA
(not far from Bass Pro Shops)

Dinner at 4:45 – 6:15
Fiesta Mexico
3957 Paxton Street
(between Ruby Tuesday
and Nissan dealership)

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RSVP for dinner & meeting by no later than noon Tuesday, March 6, 2018.

RSVP Amy Randolph at secretaryhags@gmail.com or 717.395.3181.

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