


**MEMO**

DATE: February 4, 2010

SUBJECT: Construction Community Training Announcement:
Geotechnical Aspects of Construction for Inspectors

TO: DISTRICT EXECUTIVES
Attn: Assistant District Executives for Construction

FROM:  Rebecca S. Burns, P.E., Acting Director
Bureau of Construction and Materials

The Bureau of Construction and Materials is sponsoring a two day Geotechnical Aspects of Construction for Inspectors Training Course for Department personnel and construction business partners. Geotechnical Aspects of Construction for Inspectors is designed to provide Inspectors-In-Charge and Transportation Construction Inspectors with an overview of geotechnical issues related to bridge and highway construction. Emphasis is placed on recognizing geotechnical issues in the field before they negatively impact construction.

The overall course outcomes are to ensure that inspectors can:

- Describe the significance of various geotechnical situations.
- Determine what tests should be run and why. Understand the testing parameters. Understand the test results.
- Interpret soil classifications.
- Field ID soil types.
- Describe the significance and impact of various soil types. Know the potential environmental impacts.
- Identify rock types.
- Evaluate the significance and impact of various types of rock on construction.
- Review a geotechnical report and make a basic evaluation.
- Review boring & testing data and make a basic evaluation.
- Recognize a geotechnical problem, describe what to do about it, and identify who to contact.

This training course is scheduled to be held three times during winter 2010 on the following dates:

- Tuesday, March 30, 2010 (8:00 a.m. to 4:30 p.m.) - Wednesday, March 31, 2010 (8:00 a.m. to 4:30 p.m.)
Gannett Fleming, 209 Senate Avenue, Camp Hill, PA, Room West 260
Intended Audience: Central Office, and Districts 2-0, 3-0, 8-0, and 9-0
(6 participants per District and Central Office)

Maximum class size - 35 participants (includes 5 business partners)

Registration deadline - March 16, 2010.

- Tuesday, April 6, 2010 (8:00 a.m. to 4:30 p.m.) - Wednesday, April 7, 2010 (8:00 a.m. to 4:30 p.m.)
District 10-0, Room C1
Intended Audience: Districts 1-0, 10-0, 11-0, and 12-0
(8 participants per District)

Maximum class size - 35 participants (includes 3 business partners)

Registration deadline - March 23, 2010.

- Wednesday, April 14, 2010 (8:00 a.m. to 4:30 p.m.) - Thursday, April 15, 2010 (8:00 a.m. to 4:30 p.m.)
District 6-0, Room 203A
Intended Audience: Districts 4-0, 5-0, and 6-0
(10 participants per District)

Maximum class size - 35 participants (includes 5 business partners)

Registration deadline - March 31, 2010.

Attendees are asked to follow the intended audience as closely as possible. Districts wishing to register additional attendees above the intended participation amount are encouraged to utilize the "waiting list" function when registering in TP2006. All attendees must be registered in TP2006 in the following location:

College of Transportation Professions
School of Construction
PDOTTP-BOCM/Geotechnical Aspects of Construction Inspectors

Attendees must make their own travel arrangements. This course is considered in-service with a cost function code of 9812.

Dress for the class is casual.

This course will have limited openings for business partners at each offering. There is a registration fee of \$200.00 for business partner attendees. Business partners can fill out the attached registration form and return it, with a check payable to "Gannett Fleming, Inc.," to Kathleen Baddick at Gannett Fleming, Inc., Management Services Group, P.O. Box 67100 Harrisburg, PA 17106-7100. Please complete the paper form and return it prior to the registration deadline of the intended session.

Additional class information can be found on the ECMS Training Calendar (<http://www.dot.state.pa.us/te>).

If you have any questions concerning this course, please contact Kathleen Baddick (phone: 717- 705-4176; e-mail: c-kbaddick@state.pa.us).

Attachment

420/PB/bjh

cc: R. Scott Christie, P.E., Deputy Secretary for Highway Administration
Highway Administration Bureau Directors
Bureau of Construction and Materials Division Chiefs
Federal Highway Administration
District Training Coordinators
Peggy Blanch, BOCM Training Contract Manager
Kerry Petrasic, P.E., Bureau of Construction and Materials
Terry Kohler, Bureau of Construction and Materials
Michael Flack, P.E., PA Turnpike Commission
Andrew J. Hilt, American Council of Engineering Companies of Pennsylvania
Scott Zeevaart, P.E., Gannett Fleming, Inc.

BUSINESS PARTNER REGISTRATION FORM
GEOTECHNICAL ASPECTS OF CONSTRUCTION FOR INSPECTORS
TRAINING COURSE

Name _____
(As it is to appear on name tag)

Title _____

Organization/Company _____

Work Phone # _____

Work Email _____

Please identify the session you wish to attend:

Session Location: _____

Session Dates: _____

Do you have any special needs that may impact your participation? (Yes / No)

If yes, please explain _____

Please complete, return, and/or fax this form to:

Kathleen Baddick
Gannett Fleming, Inc.
P.O. Box 67100
Harrisburg, PA 17106-7100

Fax number: (717) 705-2378