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When: October 12, 2010, Tuesday
5:45 PM – 6:15 PM Social time/Dinner
6:15 PM Start of Presentation

Where: Kentucky Engineering Center

Topic: Full Depth Reclamation (FDR) with Cement

Speaker: Doug Smith; Cement Stabilization Specialist for
Portland Cement Association-SE, Kentucky

Deteriorating roads are a constant problem for cities and counties. That's why engineers and public works officials are turning to a process called **full-depth reclamation (FDR)** with cement. This process rebuilds worn out asphalt pavements by recycling the existing roadway. The old asphalt and base materials are pulverized, mixed with cement and water, and compacted to produce a strong durable base for either an asphalt or concrete surface. Some of the many benefits of FDR are listed below:

- The old asphalt and base material are recycled for the new road.
- No need to haul in aggregate or haul out old material for disposal.
- Reduced truck traffic
- Little or no waste

A surface consisting of a thin bituminous chip seal, hot-mix asphalt, or concrete completes the road. The recycled base will be stronger, more uniform, and more moisture resistant than the original base, resulting in a longer pavement life and lower-maintenance costs. Typical cost savings of 25% to 50% can be obtained when implementing FDR as compared to the conventional removal and replacement method.

Mr. Smith retired from the Kentucky Transportation Cabinet, Geotechnical Branch in 1999 after 33 years of service. He then was employed by The H.C. Nutting Co. as a project coordinator for geotechnical investigations from 1999 to 2006. Since 2006 he has been with Portland Cement Association-Southeast Region as a promoter for cement stabilization. Mr. Smith has been a member of KGEG since the late 60's.

2011 Officer Election, October 12th:

Current Nominees: Chair: Craig Barnett, Secretary: Malcolm Barrett, Treasurer: Daniel Gilbert, Website Engineer: Open/Craig, Co-Chair: Kip Anderson, Program Coordinator: Open

Next KGEG Meeting:

November 16th: Jim Bullard – Geopier

ORVSS XLI: National Infrastructure – Dam and Levee Safety

October 20, 2010 (Don't Miss The Early Registration Deadline!)
Galt House - Louisville, KY

Website Request:

Please check out the new and revised website. You can register for ORVSS, check up-coming events, review membership and much more. If you have any comments or suggestions for the website, please utilize the feedback page on the website.

KGEG DUES:

KGEG dues of \$10 are now due for next year. Our dues run from October to October. Send checks payable to KGEG to Daniel Gilbert, Stantec, Inc., 1409 North Forbes Road, Lexington, KY 40511-2050