

AGENDA

Committee Meeting AFS30
Foundations of Bridges and Other Structures
Date: Monday, January 12, 2009
Time: 7:30 PM – 10:00 PM
Location: Marriott Hotel, Washington B4
Chairman, Mark Morvant

Committee Scope: This committee is concerned with the local and global behavior, stability, and interaction of structural foundations, and their supporting materials, for permanent and temporary transportation structures (bridges, retaining walls, box culverts, buildings, overhead signs, and other transportation structures).

Welcome

- Introductions
- Approval of 2008 minutes

General Items

- TRB Announcements
 - [Jay Jayprakash](#)
- Review of Future Goals

Technology Transfer

- Summary AFS30 Sponsored 2009 Sessions

<u>No.</u>	<u>Sponsor</u>	<u>Function Title</u>	<u>Location</u>	<u>Time</u>
203	AFS30	Innovative Bridge Foundation Specifications and Projects	M - Virginia A	Monday, 8:00 AM–9:45 AM
343	AFS00	Geotechnical Engineering Strategies to Meet Effects of Climate Change on Transportation Infrastructure	M - Thurgood Marshall South	Monday, 3:45 PM–5:30 PM
459	AFS30	Performance of Retained Fill Structures and Foundation Elements Subjected to Lateral Loads	M - Salon 2	Tuesday, 9:30 AM–12:00 PM
565	AFS30	Geotechnical Data for Design-Build Projects: How Much Should the Owner Provide?	M - Salon 1	Tuesday, 3:45 PM–5:30 PM
	AFF50	Geoseismic Issues of Bridges Subcommittee, AFF50(1)	M - Taft	Wednesday, 8:00 AM–9:45 AM

Technical Presentations:

- Performance-Based Design of Deep Foundations within the LRFD Framework : Lance Roberts

- Foundation Design for the main river pier for KY-60 over Tennessee River : Jamal Nusairat

Break

2010 Annual Meeting

- Sessions
- Workshops

Research Topics and Proposals

- Problem Statements Posted
 - Setup and Relaxation Effects on Load Carrying Capacity of Driven Piles
 - Performance of Laterally Loaded Drilled Shafts in Rock
 - Performance-Based Design of Foundation Elements and Earth Structures for Extreme Event Loadings
- 2008 Research Needs Statement Development & Priority
 - 2008 research topic list
- Synthesis topics
 - New synthesis topics
- Circular topic/update
 - *Implementation Status of Geotechnical Load and Resistance Factor Design in State Departments of Transportation*

Other Committee Business

- Update from Seismic Committee
- Conference announcements
- New topics & other business

Presentations (as time allows)

- Overview of the Upcoming Full Scale Lateral Load Test of Group-Pile-Pier at I-10 Twin Span Bridge in New Orleans : Murad Abu-farsakh
- Instrumentation plan for long term health monitoring of the foundation and superstructure of the I-10 Twin Span Bridge in New Orleans : Alan Marr
- Field test of H-shaped Ultra High Performance Concrete Pile under vertical and lateral loads : Muhannad T. Suleiman

Adjourn*