

AFS30 - Foundations of Bridges and Other Structures

Paper or Conference Session (S)s

203 (GPS09-012)

Innovative Bridge Foundation Specifications and Projects

Gerald Evert Verbeek, VMS-Profound, presiding

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High-Capacity Piles at the Stony Creek Bridge Project (09-3238)

Brian A. Liebich, California Department of Transportation

NCDOT's Practice and Experience with Design-Build Contract: Geotechnical Perspective

(09-2981)

Kyung Jun Kim, North Carolina Department of Transportation

Christopher A. Kreider, North Carolina Department of Transportation

Michael D. Valiquette, North Carolina Department of Transportation

Evaluation of High-Capacity Composite Spun Piles (09-2198)

Anil Bhandari, University of Kansas

Jie Han, University of Kansas

AASHTO Load and Resistance Factor Design Axial Design of Driven Pile at Strength Limit State (09-1034)

Naser Mahmood Abu-Hejleh, Federal Highway Administration

Jerry Dimaggio, Federal Highway Administration

William Kramer, Kramer, Illinois Department of Transportation

565 (GPS09-024)

Geotechnical Data for Design-Build Projects: How Much Should the Owner Provide?

Thomas L. Cooling, URS Corporation, presiding

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The design-build project delivery system is often used to accelerate the planning, design, and construction of major transportation projects, particularly after major natural disasters. Bids for design-build projects are typically made in compressed schedules. Often little or outdated geotechnical information is available at the bid time. This increases risks to all and likely increases cost due to the need to make conservative assumptions. The panel discusses this complex and timely issue.

Panel Discussion (P09-1501)

Dan A. Brown, Auburn University

Steven Saye, Kiewit Engineering Co.

Jim Cahill, Case Foundation Company

Darin L. Sjoblom, Utah Department of Transportation

Jim Morrison, Kiewit Engineering Co.

Anthony Stirbys, Parsons

Rodger Rochelle, North Carolina Department of Transportation

Poster Session (P)s

459 (GPP09-004)

Performance of Retained Fill Structures and Foundation Elements Subjected to Lateral Loads

Miguel A. Pando, University of Puerto Rico, Mayaguez, presiding
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Review of Mechanically Stabilized Earth Wall Performance Issues (09-2745)

Daniel Enrique Alzamora, Federal Highway Administration

Scott A. Anderson, Federal Highway Administration

Dynamic p-y Backbone Curves from 1-g Shaking Table Tests (09-2255)

Eui Kyu Yang, Seoul National University, South Korea

Sangseom Jeong, Yonsei University, South Korea

Jeong Hwan Kim, Samsung Corporation, South Korea

Myoung Mo Kim, Seoul National University, South Korea

Capacities and Deflections of Laterally Loaded Shafts behind an MSE Wall (09-1910)

Matthew Pierson, University of Kansas

Robert L. Parsons, University of Kansas

Jie Han, University of Kansas

James Joseph Brennan, Kansas Department of Transportation

Published Meeting - Committee (M)s

GPM09-016

Foundations of Bridges and Other Structures Committee

Mark J. Morvant, Louisiana Department of Transportation and Development, presiding
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