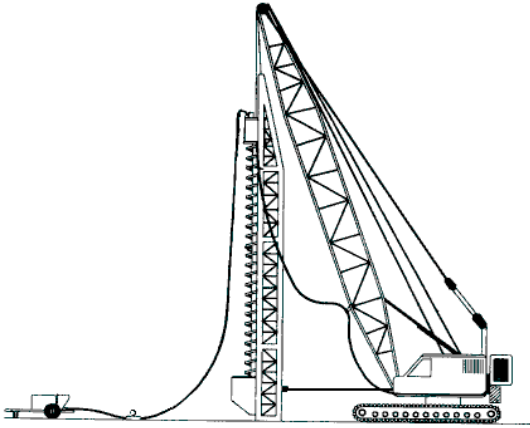


Announcing Two New DFI Technical Manuals



Guideline for Interpretation of Nondestructive Integrity Testing of Augered Cast-in-Place and Drilled Displacement Piles

DFI Augered Cast-In-Place Pile Committee (2011-2012) Chaired by Michael Moran

Tracy Brettmann, Principal Author; Bernard Hertlein, Matthew Meyer, Bria Whitmire, Co-Authors

Bookmarked PDF on Flash drive, 39 pgs., illustrated

Member Price: \$20.00 Non-member Price: \$40.00

This guideline provides practical guidance for the interpretation of nondestructive testing (NDT) of the integrity of augered cast-in-place (ACIP) and drilled displacement (DD) piles. Every NDT method has specific associated capabilities and limitations, and ACIP and DD piles have unique properties that must be considered when using a specific NDT method for a project. For successful interpretation, it is essential that the test results not be utilized alone, but in conjunction with all the available information on pile installation, as well as consideration of the subsurface conditions, past experiences and sound engineering judgment. This guideline supplements DFI's two primary publications on ACIP piles: Augered Cast-in-Place Pile Manual (2003) and the Inspector's Guide for Augered Cast-in-Place Piles (2010). This guideline was developed to provide 1) more detailed explanations of the various test methods available, 2) guidance on interpretation of the results, and 3) some typical examples of the data and interpretation.

Seismic and Lateral Load Design and Testing Guidelines

DFI Seismic and Lateral Loads Committee (2011-2012)
Chaired by Mark Petersen and Zia Zafir (2003-2009)
Robert Kruger, Guideline Editor

Bookmarked PDF on Flash drive, 68 pgs., illustrated

Member Price: \$20.00 Non-member Price: \$40.00

This guidance document is intended to assist geotechnical engineers, pile designers, and contractors in analysis, design, and testing of piles and drilled shafts for lateral loads. Although analysis of lateral response of piles and shafts is routinely performed, there is no single guidance document and/or standard for design and testing. Several different analytical methods are available for the analysis and the resulting design can result in significantly different responses which can create confusion. Over the years, analysis of response of piles due to lateral loads evolved from closed-form solutions to p-y methods to strain wedge to finite element/finite difference modeling. This is especially true for analyzing and designing piles in potentially liquefiable soils with lateral spread issues under seismic conditions. This document discusses the background of different analytical and testing procedures and presents the recommended methods for analysis, design and testing of piles for lateral loads.



Deep Foundations Institute
PUBLICATIONS ORDER FORM

Name: _____

Mr/Ms/Mrs: _____ Jr.,III: _____ P.E.,Ph.D.: _____

Position: _____

Organization: _____

Address: _____

City: _____ State/Prov: _____ Postal Code: _____ Country: _____

Tel: _____ Fax: _____

E-mail: _____

Type of Organization:

Contractor Engineering Materials/Equipment Supplier Educator Services Provider

Other: _____

Publication Description	Qty	Price
Guideline for Interpretation of Nondestructive Integrity Testing of Augered Cast-in-Place and Drilled Displacement Piles (PDF on Flash Drive)		
Seismic and Lateral Load Design and Testing Guidelines (PDF on Flash Drive)		
Add Individual Membership	1	\$95.00/yr
	Subtotal	
NJ destinations only 7%	Tax	
See options below	S/H	
	Total	

Shipping/Handling fees:

USPS Book Rate (USA Only) = \$5.00

Canadian Air Post = \$12.00

UPS Ground (Street Address in USA Only) = \$10.00

Overseas Air Post = \$25.00

Check Enclosed:*

*Non-North America organizations are requested to pay by credit card or by Bank Draft payable on a USA Bank.

Visa/MasterCard/AMEX/Discover/Diner's Club (Circle One)

Card Number: _____ exp. date: ____/____

Signature: _____

Return to: DFI Publications, 326 Lafayette Avenue, Hawthorne, NJ 07506 USA

Email: staff@dfi.org; Fax: 1-973-423-4031