

# **Geo-Congress 98**

## **Jacked Tunnel Design and Construction**

Proceedings of Sessions of Geo-Congress 98

Geotechnical Special Publication Number 87

**Boston, Massachusetts, USA**

**18 – 21 October 1998**

**Editor:**

**Marco D. Boscardin**

ISBN: 978-1-7138-5189-9

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (1999) by American Society of Civil Engineers  
All rights reserved.

Printed with permission by Curran Associates, Inc. (2022)

For permission requests, please contact American Society of Civil Engineers  
at the address below.

American Society of Civil Engineers  
1801 Alexander Bell Drive  
Reston, VA 20191  
USA

Phone: (800) 548-2723  
Fax: (703) 295-6333

[www.asce.org](http://www.asce.org)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

# Contents

<b>Preface .....</b>	<b>vi</b>
<b>Developments in Tunnel Jacking.....</b>	<b>1</b>
Stephen Taylor and Derek Winsor	
<b>Jacked Box Tunnel Design .....</b>	<b>21</b>
John W.T. Ropkins	
<b>Monitoring Movements above Large Shallow Jacked Tunnels.....</b>	<b>39</b>
Charles W. Daugherty	
<b>Subject Index.....</b>	<b>61</b>
<b>Author Index .....</b>	<b>63</b>