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**INTERNATIONAL WORKSHOP ON MICROPILES
DOUBLETREE INN, SEATTLE, WASHINGTON
SEPTEMBER 26-28, 1997**

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AGENDA

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AGENDA

FRIDAY, SEPTEMBER 26, 1997

0800 - 0830 Continental Breakfast

0830 - 0930 Welcome and Introductions

Dr. DiMillio (FHWA)
Prof. Hoshiya (JAMP, Japan)
Mr. Compton (DFI)
Dr. Okahara (PWRI, Japan)
Prof. Juran (ISSMFE)
Prof. Schlosser (FOREVER)
Dr. Bruce (ECO Geosystems, Inc.)

0930 - 0945 Morning Coffee Break

Geotechnical Assessment and Construction

0945 - 1030 Selection of Geotechnical Parameters (Prof. Kulhawy, Cornell University)

1030 - 1115 Drilling Methods (Dr. Bruce, ECO Geosystems, Inc.)

1115 - 1200 Grouting Materials and Methods (Mr. Turner, Applied Geotechnical Engineering)

1200 - 1300 Lunch

Reinforcement Design

1300 - 1345 Steel Design (1) (Dr. Herbst, Allspan, Germany)

1345 - 1430 Steel Design (2) (Mr. Lehtonen, Rautaruukki, Finland)

1430 - 1500 Materials used in Micropiles in Japan (Mr. Shimazu, Japanese Association for Steel Pipe Piles, Japan)

1500 - 1515 Afternoon Coffee Break

International Standards and Programs

1515 - 1545 Bridge Construction Standards in Japan (Mr. Okahara, PWRI, Japan)

1545 - 1615 U.S./Caltrans Methods of Seismic Design (Mr. Mason, Cornell University)

1615 - 1715 Review of French "FOREVER" Project (Prof. Schlosser, TERRASOL and Dr. Frank, ENPC-CERMES)

1715 - 1745 State-of-the-Art: Application of Micropiles in Japan (Mr. Tsukada, PWRI, Japan)

1745 - 1800 Plan for Saturday (Dr. Bruce, ECO Geosystems, Inc.)

1830 - 2000 Welcome Dinner Party

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AGENDA (continued)

SATURDAY, SEPTEMBER 27, 1997

0800 - 0830 Continental Breakfast

Applications and Implementation

- 0830 - 0900 Should Piles be Rigid or Flexible? Lessons from the Damage Caused by Past Earthquakes (Prof. Miura, Yamaguchi University, Japan)
- 0900 - 0945 Review of FHWA Micropile Implementation Manual (Mr. Groneck, Donald B. Murphy Contractors and Mr. Chassie, FHWA)
- 0945 - 1015 Damages to Bridge Foundations during the Hanshin Earthquake (Mr. Fukui, PWRI, Japan)

10:15 - 1030 Morning Coffee Break

Applications and Implementation (continued)

- 1030 - 1115 Use of Micropiles for Slope Stabilization (Mr. Armour, Donald B. Murphy Contractors)
- 1115 - 1145 Use of Micropiles for Seismic Retrofit (Mr. Bromenschenkel, Caltrans)

1145 - 1300 Lunch

1300 - 1445 Team Problem 1 (Static/Seismic Retrofit)

1445 - 1500 Afternoon Coffee Break

1500 - 1630 Team Problem 2 (Slope Stabilization)

1630 - 1730 Assessment of Team Performance

Happy Hour

Dinner on your own.