

## Wind Induced Vibration of Cable Stay Bridges Workshop Tentative Agenda

### April 25, 2006

- 10:00 – 1:00 Registration
- 1:00 – 1:15 Welcome/Introduction
- 1:15 – 2:05 Review of Bridge Cable Vibrations Outside USA
- 2:05 – 2:30 Review of Bridge Cable Vibrations Within USA
- 2:30 – 3:00 Break – Vendor Exhibits
- 3:00 – 3:30 Overview of Research Program Under SPR-3(078)
- 3:30 – 4:15 Recent Wind Tunnel Testing (Canada)
- 4:15 – 5:00 Recent Wind Tunnel Testing (USA)
- 5:00 Adjourn for day 1

### April 26, 2006

- 8:00 – 9:30 Mechanics of Wind & Rain/Wind Induced Vibrations
- 9:30 – 10:00 Parametric Excitation of Cables
- 10:00 – 10:30 Break – Vendor Exhibits
- 10:30 – 12:00 Mitigation Methods & Design Issues (Part I)
- Cable Surface Treatment
  - Cross-Ties between Cables
- 12:00 – 1:00 Lunch^
- 1:00 – 2:30 Mitigation Methods & Design Issues (Part II)
- Dampers on Cables
  - Dampers on Cables and Cross-Ties between Cables
- 2:30 – 3:00 Break – Vendor Exhibits
- 3:00 – 4:00 Design Guidelines Documents
- 4:00 – 4:20 Maintenance & Inspection of Bridge Stay Cable Systems
- 4:20 – 5:00 Maintenance & Inspection: Recent Experience
- Luling
  - Talmadge Memorial
- 5:00 Adjourn for day 2

## Wind Induced Vibration of Cable Stay Bridges Workshop Tentative Agenda

### **April 27, 2006**

- 8:00 – 9:00 Recent Experience-Retrofits
- Fred Hartman & Veterans Memorial
  - East Huntington or Cochrane
- 9:00 – 10:00 Recent Experience-New Designs
- Zakim
  - Emerson
- 10:00 – 10:30 Break – Vendor Exhibits
- 10:30 – 11:30 Innovative Dampers & Other Techniques
- 11:30 – 12:00 Panel Discussion & Wrap up
- 12:00 Adjourn for day 3
- 1:00 TAC Business Meeting^^