

Wind Induced Vibration of Cable Stay Bridges Workshop Tentative Agenda

April 25, 2006

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

April 26th, 2006

8:00 – 9:30	Mechanics of Wind & Rain/Wind Induced Vibrations	Matsumoto/Jones
9:30 – 10:00	Parametric Excitation of Cables	Jones/Felber
10:00 – 10:30	Break – Vendor Exhibits	
10:30 – 12:00	Mitigation Methods & Design Issues (Part I)	
	<ul style="list-style-type: none">• Cable Surface Treatment• Cross-Ties between Cables	Flamand Jones/Hague
12:00 – 1:00	Lunch^	
1:00 – 2:30	Mitigation Methods & Design Issues (Part II)	
	<ul style="list-style-type: none">• Dampers on Cables• Dampers on Cables and Cross-Ties between Cables	Jones/King/Vickery Irwin/Kumarasena
2:30 – 3:00	Break – Vendor Exhibits	
3:00 – 4:00	Design Guidelines Documents	PTI/FHWA
4:00 – 4:20	Maintenance & Inspection of Bridge Stay Cable Systems	Tabatabai
4:20 – 5:00	Maintenance & Inspection: Recent Experience	
	<ul style="list-style-type: none">• Luling• Talmadge Memorial	CTL/LA DOT Lichtenstein/GA DOT
5:00	Adjourn for day 2	

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8:00 – 9:00	Recent Experience-Retrofits	
	<ul style="list-style-type: none">• Fred Hartman & Veterans Memorial• East Huntington or Cochrane	Cox WV DOT or AL DOT
9:00 – 10:00	Recent Experience-New Designs	
	<ul style="list-style-type: none">• Zakim• Emerson	MTA/HNTB*** MO/HNTB***
10:00 – 10:30	Break – Vendor Exhibits	
10:30 – 11:30	Innovative Dampers & Other Techniques	CTL/LSU*****
11:30 – 12:00	Panel Discussion & Wrap up	Panel
12:00	Adjourn for day 3	
1:00	TAC Business Meeting^^	

* NRCC (Larose, Jakobsen)/UO (Tanaka, Cheng)

** TTU (Sarkar)

*** May be presented by the Design Consultant on behalf of the owner

**** CTL (Tabatabai, Mehrabi, Ciolko)/LSU (Cai)

^ May want to provide lunch to stay on schedule

^^ If it is desired to coincide the workshop with a TAC meeting