



REGISTRATION FORM

2nd National Prefabricated Bridge Elements and Systems Workshop

Sponsored by FHWA, AASHTO, NJDOT, and in Cooperation with Rutgers, The State University of New Jersey
September 8-10, 2004

Name (Please Print) _____

Job Title _____

Company Name _____

Address _____

City _____ State _____ Zip Code _____

Daytime Phone _____

Fax _____

E-mail _____ @ _____

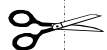
Please check the appropriate boxes below:

- Yes, I will attend. Enclosed is my check.
- Food preference is Vegetarian
- No, I will not attend field trip.
- Yes, I will attend field trip.

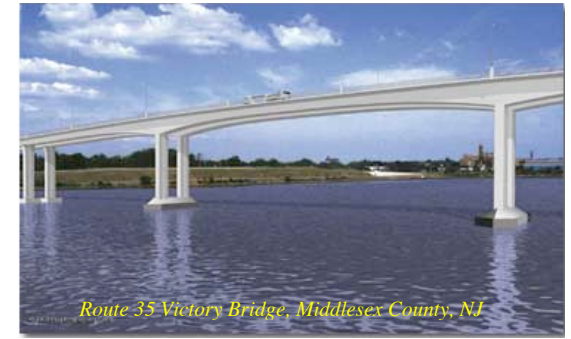
No Registrations will be accepted after **August 20, 2004**. Refunds are not possible after registration is made, however, members of the same company can send substitutes. To register, please fill out and return this form with payment to:

Attn: Linda Szary
2nd National Prefabricated Bridge Elements and Systems Workshop
Dept. of Civil & Environmental Engineering
Rutgers, The State University of New Jersey
623 Bowser Road, Piscataway, NJ 08854-8014
Tel: (732) 445-2232; FAX: (732) 445-0577

Checks Payable to: 2nd PREFAB – Rutgers University



Hani H. Nassif, P.E., Ph.D.
2nd National Prefabricated Bridge Elements and Systems Workshop
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623 Bowser Road, Piscataway, NJ 08854-8014



Route 35 Victory Bridge, Middlesex County, NJ

The Second National Prefabricated Bridge Elements and Systems Workshop

Sponsored by



In Cooperation with
RUTGERS

September 8-10, 2004
Hyatt Regency Hotel
New Brunswick, New Jersey

GENERAL

This workshop builds on the strong desire of the participants, from the first St. Louis workshop in 2002, for a follow-up Workshop. More than 40 technical presentations will highlight the use of prefabricated bridge elements and systems to enable contractors to “Get in, Get out and Stay out.” Speakers will discuss how prefabricated bridges and bridge components using high performance materials and advanced technologies can minimize traffic disruption, improve work-zone safety, reduce environmental impact, and improve constructability while increasing quality. The program includes State bridge engineers, contractors, designers, FHWA, and others in the industry to share the state-of-the-art in this technology. Various bridge projects using prefabrication will be highlighted. A field trip to the Victory Bridge in New Jersey will be an exciting part of the workshop. The workshop will be at the Hyatt Regency Hotel in New Brunswick, NJ, which is conveniently located for easy access for people driving or flying.

SEMINAR LOCATION

Participants will meet at the *Hyatt Regency Hotel*, New Brunswick, NJ on *September 8-10, 2004*. For reservation or other information call hotel directly at 1-(800) 233-1234. A block of rooms under the name “*NJDOT Bridge Conference*” has been allocated for conference participants and will be held until *August 17, 2004*.

REGISTRATION

The workshop will be inviting design, fabrication, construction and supply industry representatives to participate in an exhibit/technology area where various aspects of the PFBES can be on display. A limited number of spaces will be available.

Registration fees are being kept as low as possible to help ensure a larger audience, as shown below.

Participants	Before July 30 th	After July 30 th
DOT's	\$ 50.0	\$ 75.0
Public Agency*	\$ 125.0	\$ 175.0
Private Sector	\$ 250.0	\$ 350.0
Exhibits **	\$ 1000.0	\$ 1500.0

* Including Universities, ** includes two participants

STATE DOT SCHOLARSHIP

To help make attendance at this workshop possible for State DOT bridge engineers, the AASHTO Technology Implementation Group (TIG) is providing a scholarship to reimburse one representative from each State DOT for travel costs up to \$500. For more information on the scholarship requests and Victory bridge field trip, please contact:

Harry A. Capers Jr, NJDOT, Manager

Structural Engineering (State Bridge Engineer)
NJDOT, P.O. Box 615, Trenton, NJ 08625-0615
Tel: (609) 530-2557; FAX: (609) 530-5777
E-mail: Harry.Capers@DOT.STATE.NJ.US

TENTATIVE PROGRAM

Day 1: Wednesday, Sept. 8, 2004

7:00-8:00 Continental Breakfast & Exhibit

7:00-10:00 Registration

8:00-8:20 Welcome/Opening Remarks

Session 1: Introduction

8:20-8:40 Prefabricated Bridge – Current US Practice
Mary Lou Ralls, P.E., *Texas DOT*

8:40-9:00 The Emerging Bridge Technology Mantra: “Get In, Get Out and Stay Out” to Achieve Accelerated Renewal of Bridges Using High Performance Materials
Krishna K. Verma, P.E., *FHWA*

9:00-9:20 3D Parameterization Precedes Pervasive Prefabrication
Stuart S. Chen, Ph.D., P.E., Jun-Wei Li and Vamsi-Krishna Tangirala, *University at Buffalo, SUNY*

9:20-9:40 Coffee Break & Exhibit

9:40-11:00 FHWA Panel (ACTT, H4L, IBRC/D, R&D Perspective)

11:00-12:00 Poster Session

12:00 - 1:20 Lunch Break

FHWA/AASHTO International Scan on Prefabricated Bridge Elements and Systems, Mary Lou Ralls, P.E., *Texas DOT*, and Benjamin Tang, P.E., *FHWA*

Session 2: Prefabricated Decks

1:20-1:40 Full-Depth, Prefabricated Concrete Bridge Deck Slab Systems: Design and Specifications, Mohsen A. Issa, Ph.D, P.E, *University of Illinois at Chicago*, Ralph Anderson and Thomas Domagalski, *Illinois DOT*

1:40-2:00 The Design of a Post-Tensioned Concrete Slab System for Rapid, Full Depth Deck Replacement on a Steel Viaduct
Steven W. Smith, P.E. and Walid S. Najjar, Ph.D, P.E., *CHAS. H. SELLS, INC.*

2:00-2:20 Comparison of Various Prefabricated Deck Options
Arjuna Ranasinghe, Ph.D., P.E. and Gautam Khaitan, P.E., M.B.A., *McCormick Taylor, Inc.*

2:20-2:40 Nighttime Bridge Deck Replacement with Full Depth Precast Concrete Panels at Route 7 over Route 50, Fairfax County, Virginia, Khossrow Babaei, P.E. and Amir Fouladgar, P.E., *Wilbur Smith Associates*

2:40-3:00 Coffee Break & Exhibit

3:00-4:50 Industry Panel (Mammoet, Sarens, NSBA, Tidewater, Shri Bhide, John Busel)

4:50-5:00 Closing Remarks

5:00 Adjourn

Day 2: Thursday, Sept. 9, 2004

7:00-8:00 Continental Breakfast & Exhibit

7:00-10:00 Registration

8:00-8:10 Opening Remarks

8:10-9:40 Owner Panel (FL, WV, MN, KS, WA, LA)

9:40-10:00 Coffee Break & Exhibit

Session 3: Innovative Prefabricated Structural Systems

10:00-10:20 Innovative Use of Prefabricated Steel Bridge Systems for Accelerated Bridge Construction, M. A. Shahawy, Ph.D., P.E., *SDR Engineering Consultants, Inc.*

10:20-10:40 Prefabricated Substructure Components and Details

Jerry L. Potter, *FHWA*

10:40-11:00 Rehabilitation of the Lewis and Clark Bridge, TBD, *Washington State DOT*

11:00-12:00 Poster Session

12:00 - 1:20 Lunch Break

Victory Bridge Eases Traffic Congestion

Garrett G. Hoffman, P.E., *Figg Bridge Engineers.*

Session 4: Case Studies

1:20-1:40 New Mexico's 45-Day Bridge, Mountain Valley Road over Interstate 10, Ray M. Trujillo, P.E., *NMDOT*

1:40-2:00 Incremental Launching of a Steel Plate Girder Bridge, Norman McDonald and Ahmad Abu-Hawash, *Iowa DOT*, Brent Phares and Terry Wipf, *Iowa State University*

2:00-2:20 I-295/Creek Road Emergency Bridge Repairs and Replacement, Brooke Weinstein, *Dewberry*

2:20-2:40 Rapid Bridge Replacement at I-215 over 3760 South and Rapid Deck Replacement at I-215 over 3900 South, Hugh Boyle, P.E., *Utah DOT*

2:40-3:00 Coffee Break & Exhibit

3:00-3:20 Wells Street Bridge, TBD, *City of Chicago*

3:20-3:40 The Unalakleet Bridge, Innovative Design and Construction of a Bridge in a Remote Location Elmer Marx, *Alaska DOT*

3:40-4:00 Route 24 over Deer Creek, Jeff Robert, *Maryland State Highway Administration*

4:00-4:20 Replacement of the Belt Parkway Bridge over Ocean Parkway, Chris Sklavounakis, P.E., *New York City DOT*, Charles Norrish, III, P.E., *Gannett Fleming Engineers and Architects, P.C*

4:20-4:40 Fast Track Bridge Construction

Charles H. Goodspeed, Ph.D., *University of New Hampshire*, Peter Stannas, *New Hampshire DOT*, Mark Whitmore

4:40-5:00 Closing Remarks and Instructions for Field Trip

5:00 Adjourn

Day 3: Friday, Sept. 10, 2004

7:00-8:00 Registered Group meet at Hyatt Hotel

8:00-12:00 Field Trip - Victory Bridge

12:00-1:00 Buses return to Hyatt Hotel

1:00 Adjourn

ADDITIONAL INFORMATION:

For more information on the workshop or Registration and Exhibits please contact:

Mrs. Linda Szary

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