

**Registration Form**  
**Virginia FRP Composites**  
**Showcase**  
**September 20-21, 2006**

Name \_\_\_\_\_

Position \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ FAX \_\_\_\_\_

Email \_\_\_\_\_

Please check here if interested in visiting the Dickey Creek Bridge constructed with FRP beams.

**Fee Schedule**

- Government Employees and Speakers: no charge
- Non-Government Employees: \$50/person
- Exhibitor Booth: \$50

**Method of Payment**

Make the check payable to the *Virginia Transportation Research Council* and send it with your registration form.

**Registration Deadline**

Mail / fax your registration by September 1 to:

Betty Sevachko

VTRC

530 Edgemont Rd

Charlottesville, VA 22903

Phone: (434) 293-1914

FAX: (434) 293-1990

Betty.Sevachko@VDOT.Virginia.gov



530 Edgemont Rd.  
Charlottesville, VA 22903

Showcase on

**Virginia Fiber-Reinforced**  
**Polymer Composites:**  
**Materials, Design,**  
**and Construction**



September 20-21, 2006  
Holiday Inn  
Bristol, Virginia



Federal Highway Administration

## Description

FRP composites have been used on multiple projects by the Virginia Department of Transportation. Each of these projects included pre-construction evaluation of behavior and post-construction evaluation of performance. This showcase will include presentations on the results of these FRP composite projects. There will also be general presentations on important topics related to using FRP composites in infrastructure. Of special interest to many bridge designers will be a tour of Strongwell Corporation's pultruded FRP composites manufacturing facility and a trip to the Dickey Creek FRP Bridge.

## Presenters

Presenters include DOT and FHWA personnel, university faculty, and producers.

## Who Should Attend

This showcase is geared for practitioners including state, local and federal employees, academia, consultants, contractors and manufacturers.

## Registration

### Government Personnel

To register, mail or fax your completed registration form no later than September 1.

### Non-Government Personnel

Mail your registration form and check no later than September 1. You may fax your application form and then follow up with a check in the mail. Checks should be made payable to the Virginia Transportation Research Council (FIN#54-6001730). We cannot accept credit cards, and we cannot bill or invoice for registration fees. Cancellations must be made within seven days of the conference in order to receive a refund. Registration is transferable if you are unable to attend.

## Lodging

The lodging rate at the Holiday Inn Bristol is \$60 plus tax. Reservations must be made directly with the Holiday Inn Bristol by calling (276) 466-4100. Mention that you are attending the FRP Polymer Composites Showcase. Please make your reservation by September 8 to ensure that you receive our special group rate.

## Agenda

### Day 1

7:00 A.M. Registration and Breakfast

8:00 A.M. Welcome  
Mal Kerley, VDOT

8:15 A.M. Session 1  
Overview of FRP Composites

- Introduction to FRP Composites – Jack Lesko, Virginia Tech
- Polymers and Adhesives for the Infrastructure – Jack Lesko, Virginia Tech
- Code Development at AASHTO for FRP Composites – Paul Liles, Georgia DOT
- ACMA-FRP Composite Projects in Virginia – Jose Gomez, VDOT

10:00 A.M. Break

10:15 A.M. Session 2  
Use of FRP in the Dickey Creek Bridge

- Design – Tommy Cousins, Virginia Tech
- Construction – Chris Blevins, VDOT
- Field Evaluation, Edgar Restrepo, Gannett Fleming
- Nondestructive Evaluation – Jack Duke, Virginia Tech

12:00 P.M. Lunch

1:00 P.M. Tour of Strongwell Facility and Visit to the Dickey Creek Bridge

6:00 P.M. Reception  
Hosted by Strongwell

7:00 P.M. Dinner at Hotel  
Speaker: John Busel, ACMA

### Day 2

7:00 A.M. Breakfast

8:00 A.M. Session 3

FRP Bridge Decks

- State of the Art in FRP Bridge Decks – Jack Lesko, Virginia Tech
- Covington Bridge Deck Demonstration – Tommy Cousins, Virginia Tech
- FRP Rebar in Franklin County Bridge – Carin Roberts-Wollmann, Virginia Tech

9:45 A.M. Break

10:00 A.M. Session 4  
Specialty Applications

- FRP Piles: Design – Amir Fam, Queens University, Canada
- FRP Piles: Application and Durability – Miguel Pando, U. of Puerto Rico-Mayaguez
- Internal FRP Reinforcement Overview – Carin Roberts-Wollmann, Virginia Tech
- Repair Using FRP: Application – John Myers, University of Missouri-Rolla

11:45 A.M. A Look to the Future

- Innovative Bridge Projects – Lou Triandafilou, FHWA - Resource Center

12:15 P.M. Closing Remarks

- Rudy Maruri, FHWA - Virginia Division