



Eastern New York Chapter  
of the  
**ASSOCIATION FOR  
BRIDGE CONSTRUCTION AND  
DESIGN, Inc.**



**STRUCTURAL  
ENGINEERING  
INSTITUTE**

## JOINT SEPTEMBER LUNCH MEETING

Date/Time: **Thursday, September 16, 2010**  
12:00 pm Registration  
12:30 pm Buffet Lunch  
1:15 pm Program  
2:15 pm Adjournment

Location: **Century House**  
997 New Loudon Road, Latham, NY

Topic/Speaker: **Accelerated Bridge Construction Methods at the Tappan Zee Bridge**  
*Mohammad Sham, PhD, HDR, Inc*

Over 140,000 vehicles cross the Tappan Zee bridge every day, compared to 18,000 vehicles daily in 1955. Under a recent \$175 million project, the concrete deck of the outer four lanes of the bridge was replaced for a length of approximately 2.5 miles. The design approach called for replacing the concrete deck and its supporting stringers, with a prefabricated superstructure system. This approach was selected to ensure that a section of bridge deck could be removed and replaced and opened to traffic within a short period. Because of the heavy traffic volumes, multiple lane closures were only permitted overnight. The contractor was required to open all lanes at the end of each night shift, in time for the morning rush hour or suffer substantial penalties. As a result of excellent team work among the New York State Thruway engineers, the designers and the contractor the project was completed ahead of the schedule.

\*\*\* This presentation has been approved for 1.0 Professional Engineer PDH credit. \*\*\*

Lunch Buffet includes: House Salad, Deli Bar, Potato & Pasta Salads, Oriental Stir Fry of Beef,  
Chicken Marsala, NY Style Cheesecake with Fruit Purees

Cost:	<u>Regular</u>	<u>w/ 1.0 PDH credit</u>
<b>Members:</b>	<b>\$ 25</b>	<b>\$30</b>
<b>Non-Members:</b>	<b>\$ 30</b>	<b>\$35</b>
<b>Students:</b>	<b>\$ 20</b>	

Reservations: Please make your reservations by mail, e-mail, fax, or telephone on or before **Monday**,  
September 13, 2010 to **Eastern NY ABCD** at the address below:

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Name(s): \_\_\_\_\_ Organization: \_\_\_\_\_  
Phone: \_\_\_\_\_ Number Attending: \_\_\_\_\_

RSVP to: **Eastern NY ABCD**  
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