



The AAACEI Delaware Valley Section Presents:

“Walt Whitman Bridge Suspension Spans and Anchorage Spans Deck Replacement”

Mark your calendars now for September 14, 2011

Keith Shuster will explain The Delaware River Port Authority (DRPA) of Pennsylvania and New Jersey is undertaking a \$128 million project deck replacement on the Walt Whitman Bridge which crosses the Delaware River connecting the Cities of Philadelphia and Gloucester. The existing grid deck will be replaced with a modern orthotropic grid deck partially filled with light weight concrete and bituminous overlay. The design and material was selected to reduce the structural dead load induced on the bridge. In addition to being lighter the new bridge deck will have no intermediate expansion joints as compared to the existing design which has joints every 300 feet. To accommodate the differential longitudinal movements more than 3,000 elastomeric bearings will be installed. The project also included the replacement of over 6 million pounds of steel. The scope of the project, construction techniques utilized, project issues, and scheduling monitoring techniques will be presented by Keith Shuster, PSP.

Keith Shuster graduated from The Pennsylvania Institute of Technology in 1987 with a degree in Mechanical Engineering. He has over 24 years experience as a Project Scheduler for Urban Engineers, Inc. on a variety of projects in the construction industry including airports, buildings, highways, rail facilities, suspension bridges and water treatment facilities.

Presenter: **Keith Shuster, PSP.**

Date: Wednesday, September 14, 2011; Time: 6:00 Social half hour, 6:30 Dinner, 7:00 Meeting will be called to order.

Location: HILTON at the Philadelphia Airport (Across Rt. 291 from the Sheraton) 4509 Island Ave Philadelphia, PA (Island Ave and Route 291), Call 215-365-4150 for directions. Free Parking.

Menu: Stuffed Chicken with Sun Dried Tomatoes, Roasted Red Peppers, Sautéed Mushrooms & Herbed Ricotta w/Basil Cream Reduction, New York Strip Steak in a Peppercorn Brandy Sauce or Grilled Salmon in a Pommerey Mustard Cream Sauce & Fresh Herbs served with salad, baked potato, vegetables, fresh baked apple pie, coffee with ice cream and caramel drizzle, specialty teas and/or iced tea.

Cost: \$32.00 for members and guests, \$29.00 for retirees or emeritus members, \$20 for undergraduates.

IMPORTANT NOTICE FOR CANCELLATIONS: If you decide to cancel after 9/8/11, you will be responsible to cover the cost the dinner. If a replacement can be found then you will not have to pay, and you will be notified.

RSVP: Please call Warren Tasca at 215-832-3528 or email at warren.tasca@stvinc.com or Ricardo Aviles at 610-205-6906 E-mail: Ricardo@envision.com aaceidvs@yahoo.com by noon Wednesday September 8, 2011 for reservations and menu selection. Please visit our website: <http://www.aacei-dv.org/>