

## SUBCOMMITTEE REPORTS

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agencies, including the American Red Cross, the FRP organizes the types of federal response assistance that a state is most likely to need under 12 Emergency Support Functions (ESFs), each of which has a designated primary agency. ESP 3- Public Works & Engineering has the Department of Defense (DOD) as the primary agency, and DOD has designated the USACE as its operating agent for this ESP's planning, preparedness, response, and recovery. The SAME Post will support this ESP. Typical USACE ESF#3 missions may include:

- Emergency clearance and removal of debris
- Emergency contracting for humanitarian support (i.e., ice and water)
- Temporary housing
- Temporary roofing
- Temporary construction of access routes
- Emergency restoration of critical public facilities
- Demolition and/or stabilization of structures
- Technical assistance
- Damage survey reports
- Support to all other ESFs

All requests for assistance will come through the NY District of USACE. The Post President, VP, or Secretary will notify the Readiness Committee Chair or Vice Chair, who will notify the Board member on the type of expertise needed. That Board member will keep a list of members and firms available and will notify those needed for the mission. ■

## UPCOMING events

**MAY 29, '02 (WEDNESDAY)**  
Board of Directors Luncheon Meeting  
(by invitation)

*Port Authority • 225 Park Ave. South, NYC*

**JUNE 5, '02 (WEDNESDAY)**  
Post Evening Meeting/Annual Post Elections  
*Le Parker Meridian*

**JUNE 14, '02 (FRIDAY)**  
Harbor Inspection  
(held jointly with New Jersey Post)  
*COE Vessel Hayward*

# FIRM project

## DOWNTOWN PATH RESTORATION PROGRAM—PHASE I

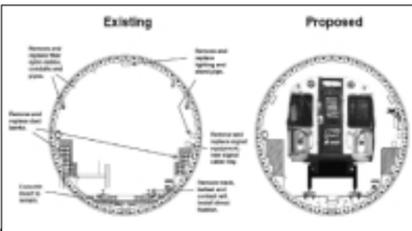
Nearly 70,000 commuters a day used the PATH World Trade Center station before it was destroyed in the September 11th terrorist attack on New York. The attacks caused extensive damage to the Port Authority Trans Hudson (PATH) rapid transit system, triggering flooding in Tunnels E & F (crossing from the WTC site to Jersey City) and disabling service to Jersey City's Exchange Place Station. The response was immediate: the Downtown Path Restoration Program was established, and PANYNJ began working with FEMA to ensure that all the PATH projects meet FEMA's stringent guidelines, as well as with the Lower Manhattan Development Corporation on the preparation of long-term plans for redeveloping the World Trade Center site. On December 13, 2001, PANYNJ's Board of Commissioners authorized the \$544 million "Phase I of the Downtown Restoration Program" for the re-establishment of PATH service between New Jersey and downtown New York—a program that will restore PATH service to Exchange Place by June 2003 and PATH service to downtown Manhattan by December 2003.

On February 1st, 2002, The Port Authority awarded Contact PCP 100.000 for the Downtown PATH Restoration Program – Phase I to the Tri-Venture of Tully Construction Co./Yonkers Contracting Co., Inc/A. J. Pegno Construction Corp. The scope of work for this \$300 million contract includes:

### EXCHANGE PLACE IMPROVEMENTS

Located directly on the Hudson riverbank and approximately 84 feet below ground, Exchange Place Station is the last station in New Jersey before the PATH tunnels cross the Hudson River into lower Manhattan. Flooded after the attacks, the station could not be used for commuter service.

The Exchange Place capacity improvements will provide new crossovers and tunneling that will enable the station to function as a last-stop terminal. Additional enhancements include several cross-tunnels (which will connect the existing five tunnels and allow for the installation of track crossovers to connect the tracks serving Exchange Place) and the replacement of an existing signal relay room at an estimated construction cost of \$70 million. Passengers traveling to Jersey City riverfront destinations or transferring to ferry service to



Top: Cross-section of Tunnels E & F

Bottom: Concrete plug removal work in Path Tunnels E & F east of Exchange Place Station

lower Manhattan will be able to use the terminal when it reopens in June 2003.

### TEMPORARY PATH WORLD TRADE CENTER STATION

To initiate service to New York in the shortest possible time, a temporary terminal station will be built at the location of the former WTC station. This station will have a very functional, open-air design utilizing some original passageways to reach the Church Street entrance. A permanent station will follow and be linked to other rail services in the area. Construction of the temporary station will begin June 1, 2002, and the temporary station's design and construction will be phased to accommodate restoration of PATH service to downtown Manhattan by December 31, 2003, at an estimated construction cost of \$140 million. The temporary station will house a track and platform configuration almost identical to the former World Trade Center station.

### REHABILITATION OF TUNNELS E & F

Rehabilitation of Tunnels E & F began in April 2002. The work should be completed in time for revenue service by December 31, 2003, and includes removal of the plugs used to seal the tunnel to prevent flooding of the Exchange Place Station just after September 11th, as well as the complete renovation of the tunnels' interiors, rails, controls, power, lighting and related structural components, at an estimated construction cost of \$90 million. ■

## PROFILE

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monorail system. Greg is serving as principal-in-charge. The expected benefits of the NEC-EWR Connection, which is located along one of the busiest commuter and inter-city rail lines in the U.S., include additional ground access capacity and reduced highway congestion at the airport. These are the kinds of project Greg takes satisfaction in, he says: projects that makes people's everyday lives easier and have a tangible, practical effect within the community.

Greg looks forward to continuing his association with SAME. He also serves on the NYACE Transportation and Membership Committees, and on the Executive Committee of Associates at the New Jersey Institute of Technology. He belongs to the New York Association of Consulting Engineers, New York Building Congress, American Society of Civil Engineers, American Railway Engineering and Maintenance-of-Way Association, and American Public Transportation Association. ■

## NEWS

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### Engineering Camp

SAME's NYC Post is sending a high school student to the Colorado Springs, Colorado campus of the U.S. Air Force Academy this July for the third annual SAME Engineering and Construction Camp at the Academy's Field Engineering Research Lab. The Board will announce the winning student at its next meeting. This is the first year the SAME NYC Post has banded together to send a deserving student to the camp. Student candidates were solicited through email and the SAME website.

The one-week camp is designed to give high school students hands-on experience in the fields of engineering and construction, and brings students all over the world together to learn engineering skills under the supervision of professional engineers, officers, and Service Academy cadets.

### PB's Chairman Travels to China with U.S. Commerce Secretary

Robert Prieto, Chairman of the Board of Parsons Brinckerhoff Inc. recently joined U.S. Commerce Secretary Donald Evans on a Business Development

Mission to Beijing and Shanghai, China, on April 21-25, 2002.

The goal of the mission was to strengthen economic relations between China and the United States by helping U.S. businesses explore new trade and investment opportunities that have resulted from China's accession to the World Trade Organization (WTO). The 2008 Summer Olympic Games in Beijing are also expected to lead to substantial business opportunities for U.S. firms over the next several years.

In a comment on the trip Prieto said, "I am most honored to be joining Secretary Evans on his Business Development Mission to Beijing and Shanghai. U.S. companies offer relevant expertise and experience in managing large infrastructure projects throughout the world and are focused on meeting each client's unique needs, including those in China."

The 15-member executive business delegation who joined Evans included representatives from the information technology, telecommunications, clean energy and environmental technology, medical products, and construction equipment and services business sectors.

For more information on the trade mission visit [www.doc.gov/chinatrade](http://www.doc.gov/chinatrade). ■

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DEDICATED TO THE NATIONAL DEFENSE

## THE SOCIETY OF AMERICAN MILITARY ENGINEERS NEW YORK CITY POST

c/o Parsons Brinckerhoff Quade & Douglas, Inc.  
One Penn Plaza • 2nd Floor  
New York, New York 10119

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# NYC Post's SAME story

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

VOLUME 3, NUMBER 1 • APRIL 2002



## LETTER FROM THE PRESIDENT

As a member of a worldwide organization of architects, engineers, and related construction professionals, the New York City Post is dedicated to promoting professionalism in military, governmental, and private-sector engineering to improve and increase the engineering capabilities of the nation. It has been just over six months since the attacks on the World Trade Center. All of the members of our Post have been touched in some way by this incident. Many of you were directly impacted by the attack. Others responded to support the rescue and subsequent humanitarian recovery effort in any way that was possible. We will be faced with uncertainty in the future as the nation embarks on the war against terrorism. Clearly, the nation needs its leaders and engineers now more than ever. We are committed to sharing our professional experiences with our fellow members and to mentoring and training the next generation of engineers to meet the needs of the 21st century.

The absolute highlight of the year was the 60th Annual Scholarship Dinner Dance held at the Waldorf Astoria on November 3, 2001. Although this was a difficult time after the events of September 11th, the membership of the Post stood strong. With attendance at an all-time high, it was a first-class event that was superbly orchestrated. I commend all who served on the Dinner Dance Committee to make this event a supreme success. Dinner Dance Chairman Harvey Sands and his Co-Chairs Frank Lombardi and Judy Cooper provided exceptional leadership to make it all happen. I also want to extend a special thanks to Frank Lombardi who shared his experiences at the World Trade Center. They were vivid and most-fitting remarks as we honored those who perished on that day.

The Scholarship Program is very healthy and continues to grow. The generosity and philanthropy of the individual members and sustaining member firms of this post personally impress me and are quite remarkable. With more than 160 scholarships awarded to deserving students at a variety of universities and colleges, the New York City Post continues to make a very important investment in our profession—future architects, engineers, and construction professionals in the pursuit of knowledge.

The New York City Post remains one of the largest posts in the United States with over 600 individual members and 73 sustaining member firms as of January 2002. The activities of the Post are numerous. We had over 12 Post meetings during 2001, including many notable speakers and panel presentations. The meetings continue to focus on emerging issues related to current design and construction industry issues and environmental and advanced technology in our metropolitan area.

As part of our strategic initiative to reinforce the activities of the Post, I ask and encourage each of you to volunteer your time and efforts. Serving on one of our Post's committees can be very rewarding. Please contact the respective chairs listed below to indicate the committee on which you will serve or use our website to submit your interests.

Did you know that you can visit us on-line? Go to <http://same-nyc.org> for additional events and information, or for a direct link to the National site.

Administration and Finance . . . . . Nick Ivanoff, PE  
Awards . . . . . Bill Eilers, RA  
Dinner Dance (2002-2003) . . . . . Frank Lombardi, PE  
Education and Mentoring . . . . . Frank Lombardi, PE  
Environment and Technology . . . . . Joseph Porrovecchio, PE  
Executive Committee . . . . . Dominick Servedio, PE  
Meetings and Programs . . . . . Lt. Col. Doug Sarver, USA  
Membership . . . . . Marvin Bloom, PE  
Publicity and Development . . . . . George Friedel, PE  
Readiness . . . . . Robert Adamski, PE  
Scholarship . . . . . Col F.H. Griffis, USA (Ret)  
Student Activities . . . . . Judy Cooper  
Training & Regional Conference . . . . . Dominick Servedio, PE  
Young Members . . . . . Elaine Moy

All of our committees have done a great job at advancing the standing of the Post. The Post will be recognized again at the National meeting in May with a Distinguished Post Streamer. I also want to recognize the efforts of New York City Post Secretary, Michael Scarano, who continues to coordinate the numerous and varied activities of the post very effectively and with exemplary dedication.

I am committed to ensuring that the Post continues to grow by focusing on the needs of the members and the development of our young members. I challenge all of us to become more active in the Post and the New York community as mentors so that we as a profession will remain ready and capable to serve the nation with outstanding support as we have in the past. With teamwork and determination, I know we will sustain the necessary momentum. Essayons!

*John B. O'Dowd*  
Col John B. O'Dowd, USA

President

SAME Story • Volume 3 • Number 1/April 2002

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# DINNER 2001 DANCE

The results are in: our 61st Annual Scholarship Fund Dinner was a resounding success! The November 3, 2001 event, held at the Grand Ballroom of the Waldorf Astoria Hotel, attracted more than 600 people representing a cross section of business and military leaders from across the country. Attending were Guest of Honor Lt. General Robert B. Flowers, the Chief of Engineers for the Army, and Honored Guests Major General Earnest O. Robbins, II, the Air Force Civil Engineer; Rear Admiral Michael R. Johnson, the Commander of the Naval Facilities Engineering Command; Rear Admiral Ronald F. Silva of the U.S. Coast Guard; Rear Admiral Robert C. Williams of the U.S. Public Health Service; and the National President of SAME, Roger J. Wozney, P.E.

The turnout yielded over \$20,000—another record-breaking contribution toward the New York City Post's Scholarship Fund. The Chair of our Scholarship Fund Committee, Bud Griffis, reports that there is now over \$3 million of inviolate principal in the New York City Post's Scholarship Fund account, thanks to the success of the November 3rd dinner and other fund-raising efforts. During the 2001-2002 academic year, over 150 scholarships were presented to students from over 65 colleges and universities throughout the United States, including institutions as geographically diverse as Manhattan College, Cornell University, Yale University, the University of Alaska, the University of Maine at Orono, and West Virginia University. Selected students from local colleges were able to receive their scholarships in person and enjoy the gala evening.



Col. William Pearce (Ret.); Bud Griffis; Mike Pope; & Nancy Griffis

The varied turnout also made for an extraordinarily moving and memorable evening, as guests shared their experiences of and responses to the tragic events of September 11th. Almost everyone at the event had been touched in some way by the shattering losses of that day, and several guests had been in the immediate vicinity of the structures that were attacked. Particularly poignant was The Port Authority of New York & New Jersey's Chief Engineer Frank Lombardi's account of his own experiences on that fateful day, which found him and his staff assisting victims in their escape from the World Trade Center and narrowly escaping from the collapsing structures themselves.

This year's dinner dance, scheduled for Saturday, November 2nd, is already being planned. The Dinner Dance Committee Chair, Frank Lombardi, and Co-Chair, Judy Cooper of Parsons Brinckerhoff, are hard at work to make this year's event even bigger and better. ■



Col. O'Dowd and Alan Shapiro



Brig. Gen. Stephen Rhoades, USA and Jan Tuchman



Honored guests



Iris Sands and Linda Flowers



Honored guests and their wives



Lt. Gen. Robert Flowers, USA; Maj. Gen. Earnest Robbins, USAF; RADM Michael R. Johnson USN; RADM Ronald F. Silva USGG



Frances Plotkin; Judy and Len Cooper; Susan and Don Weisstucle; Ed Plotkin



Color Guard



Frank Lombardi, PE



Gina and Bob Prieto



Honored guests

## SUBCOMMITTEE reports

### PUBLICITY AND DEVELOPMENT COMMITTEE

#### SHARE YOUR STORIES

We want to make the *SAME Story* a quarterly newsletter, but we need your help. We urge and welcome input from member organizations so that we can keep all NYC Post SAME members informed of your activities and capabilities. Just send drafts with a general description of your firm, a significant recent project, a profile of one of your employees, and/or other newsworthy events to our editor, Bonnie Stewart (StewartB@pbworld.com). We'll publish your stories in the order we receive them. A quarterly publication is one of the requirements to qualify for the Communications Streamer from national headquarters. With your help, we can receive it for the year 2002 at the annual meeting in 2003.

#### Readiness Committee SAME'S READINESS COMMITTEE COSPONSORS EVENT

On February 6th, 2002, the SAME Readiness subcommittee co-sponsored with the New York Water Environment Association an Emergency Preparedness/Readiness Briefing at the New York Marriott Marquis. Representatives from the Association of Metropolitan Water Agencies, New York State Department of Health, New York City Department of Environmental Protection, Federal Emergency Management Agency, New York State Emergency Management Office, and U. S. Army Corps of Engineers (USACE) briefed the attendees on their responses to the 9/11 attack on the World Trade Center and how they are preparing for the possibility of future incidents. The meeting met the Post's requirement for an annual briefing and, through a discussion of the SAME NYC Post Readiness Plan, helped the members understand the Post's role in Readiness.

Paralleling and supporting the Federal Response Plan (FRP) developed in accordance with the Stafford Disaster Relief and Emergency Assistance Act, the plan outlines the ways SAME NYC Post resources can be used in the event of a national emergency or natural disaster. A signed agreement among 27 federal departments and

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## MEMBER profile

### GREGORY A. KELLY, P.E.

- Vice President, Parsons Brinckerhoff Quade & Douglas, Inc.
- New York Area Manager



Greg Kelly

As New York area manager for Parsons Brinckerhoff (PB), Greg Kelly finds the city's professional challenges limitless—like the “landmark, once-in-a-lifetime opportunity” to bring back a piece of New York history by redeveloping the original James A. Farley Building into a space to rival Grand Central Terminal. PB is acting as engineer on the architect-led team preparing the renovation's concept plan and detailed design.

Greg entered the engineering profession to pursue such opportunities. After earning his B.S. from Temple University in 1979, he accepted an offer at Bethlehem Steel, one of the largest steel manufacturers in the U.S. at the time. He moved from Bethlehem Steel to PB and then to the client side with an 8-year stint at NJ TRANSIT.

A return to PB in 1994 as manager of the Newark office allowed Greg to pool his varied experience together, working to ensure that projects run smoothly from all sides—that the client is satisfied while his own employees remain challenged and committed. Greg widened those responsibilities by heading to the New York office as vice president and New York area manager a few years later. There, his penchant for problem-solving has extended into all facets of the job. He directs a multidisciplinary staff and has overall responsibility for the firm's business activities in the New York metro area—including client satisfaction, project management, technical quality, business development, staffing, and operations.

One of his most rewarding client interactions came this past September. On September 10, Greg remembers, he was sitting with a client, making sure

that PB was servicing the agency as well as it could. A couple of days later, Greg received a call from that same client, asking for help in getting the 1 and 9 subway lines up and running again. Greg assembled a team of senior staff and met with the NYC Transit at 8am the next morning, offering PB's services. “It's rewarding being able to help clients out, to be able to respond and support them,” Greg says now. PB is currently investigating rebuild alternatives for the Cortlandt Street Station and the surrounding under-ground area, which was destroyed on September 11.

Other projects Greg cites as noteworthy include the rehabilitation of the Brooklyn Battery Tunnel roadway slab, which connects downtown Manhattan to Brooklyn under the East River. With Greg serving first as project manager and now as principal-in-charge, PB performed a complete survey of the underside of the roadway slab, tunnel walls, and ceiling slab and is developing four alternative designs based on the survey results. The designs will address a complete rehabilitation of the roadway, tunnel walls, drainage system, and all associated elements to assure structural integrity—so that the tunnels will require minimal maintenance and offer the optimum riding surface to the public.

Greg was also involved in the final design and construction assistance of the recently opened \$138 million intermodal railroad station on the Northeast Corridor (NEC) that connects to Newark International Airport (EWR) by a 1-mile extension of the on-airport

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## news

**New Bachelor's Program at Polytechnic**  
SAME's Dr. Bud Griffis, head of the civil engineering department at Brooklyn's Polytechnic University, has developed a new bachelor of science degree in construction management that the school will begin offering this September. One of the first such programs in the New York metro area, the program prepares students for positions in the construction industry by providing instruction and hands-on

training in computer applications, procurement, scheduling, economics, and management issues related to construction. The program also offers students on-the-job work experience through internships, summer jobs, and part-time employment in cooperation with the Construction Management Association of America, New York Building Congress, and Professional Women in Construction.

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