



JULY, 2000

MOLES MEMBERS TOUR BOSTON CENTRAL ARTERY PROJECT



Looking across Fort Point Channel with Boston skyline in background.



Joe Allegro, Director of Construction for Massachusetts Turnpike Authority, making initial presentation.

Approximately fifty Moles members traveled to Boston for the special tour of the Central Artery/Tunnel Project (CAT) which took place on Friday, June 23, 2000. About thirty arrived the night before and enjoyed the comraderie of a cocktail hour and fine dinner at the Radisson Boston Hotel.

The program reminded one of a typical Moles' Student Day event, except this day's activities were longer and more intense than those of a typical Student's Day. Those staying at the Radisson Hotel were transported at 7:30 A.M. by bus to the headquarters and nerve center of the Central Artery, the "Wang" building on Kneeland Street.

Joining those who had already arrived on their own and after a brief moment to enjoy a cup of coffee and a donut, the program commenced at 8:00 A.M. with an overall briefing of the CAT by Joe Allegro, Director of Construction for the Massachusetts Turnpike Authority. Of course, like all the presentations made that day, this was well done with a series of slides and videos.

Two twenty minute presentations followed on the two projects to be viewed in the morning: the South Boston Interchange Project, being constructed by the Joint Venture of Slattery Skanska, J.F. White and Perini and the construction of the I-93 Northbound Tunnel under Atlantic Avenue being constructed by the Joint Venture of Perini, Kiewit and Cashman.

The entire assemblage was divided into four groups, two going to each of the projects. Both projects are enormously challenging projects. The Perini J.V. project, among other things, requires the support of

NEWS OF MEMBERS

RICHARD E. BURNHAM, a third generation member of the Moles, recently rejoined Trauner Consulting Services, Inc. as Vice President of its new Boston office. For 14 years Rick served as Vice President-Corporate Counsel and Secretary of Perini Corporation.

THE MODERN CONTINENTAL CONSTRUCTION COMPANY recently purchased **SPEARIN, PRESTON & BURROWS, INC.**

Four of Civil Engineering's most eminent practitioners and leaders have been selected as the first recipients of ASCE's Outstanding Projects and Leaders (OPAL) awards. Among the four are two Moles members: **STEPHEN D. BECHTEL, JR.** and **EUGENE J. FASULLO**. The awards were presented at a black tie dinner on April 29th at the Capitol Hilton Hotel in Washington, D.C.

BOOK REVIEWS

Moles' member, **JOE B. MC NABB**, recently wrote and published his autobiography: "Ozark Hillbilly-CEO". Joe spent most of his career with Guy F. Atkinson Company where he rose to become President and CEO. This is a very interesting book, particularly the 85 page chapter on the construction of Mangla Dam in West Pakistan.

Write to Joe Mc Nabb (23 Saddle Ridge Road, Gardiner, Montana 59030) should you be interested in obtaining a copy of his book.

Included in his recently published book, "Let Us Talk of Many Things", the collected speeches of **WILLIAM F. BUCKLEY, JR.**, is his address as Principal Speaker at The Moles 1999 Award Dinner. Should any member desire a copy of his address, we will be pleased to provide it to you.

A MOMENT OF SILENCE

NICHOLAS J. CAVALLI died suddenly on June 3, 2000 at the age of 50. Nick was a Civil Engineering graduate of Manhattan College and was Area Manager for Hayward Baker, Inc.

JOSEPH W. GRIFFITH died on May 25, 2000 at the age of 67. His most recent assignment before retiring in 1997 was Construction Manager for Massachusetts Water Resources Authority responsible for the construction of the tunnels under Boston Harbor. Prior to that he had a long career in tunneling work being employed as Project Manager for S. J. Groves, Gates & Fox and Morrison & Knudsen.

The Moles' office only recently was informed of the death of **JOHN M. SAUMS** on December 20, 1999. John earned his Civil Engineering Degree from Georgia Tech in 1943 and spent a large part of his career at J. Rich Steers. He was 80 years old at the time of his death.

The Moles office just became aware of the death of long time member **WILLIAM M. SHEEHAN** in May 2000. Bill became a member of the Moles in 1953 when he was employed by Tulli & Di Napoli as a Project Engineer. He subsequently became Chief Engineer with that firm and closed out his construction career with Mason Hangar. He was 83 at the time of his death and for many years had been living in Delray Beach, Florida.

J. RICH STEERS died on May 26, 2000 at the age of 73. He was a Civil Engineering graduate of Princeton University and succeeded his father as President of J. Rich Steers, a prominent east coast marine contractor. He was an active Moles' member, serving as Trustee and Chairman of the Membership Committee.

THE MOLES

Holing Through is published by The Moles three times a year: April, July and November. The Moles is an organization of people engaged in Heavy Construction. Its purpose is to promote better acquaintance among individuals engaged in heavy construction to the end:

- That past and future friendships and a spirit of fraternization among the members be fostered.
- That meetings and other gatherings be held to exchange construction information and promote good fellowship among the members.
- That advancement of the Construction art be achieved, and outstanding performance be recognized through awards and otherwise.
- That the youth of our country be encouraged to participate in heavy construction by a multi purpose program of education in cooperation with engineering colleges and other associations.
- That, in the public interest, standards of construction shall be raised both as to engineering and business ethics.

The Moles' office is located at 577 Chestnut Ridge Road, Woodcliff Lake, New Jersey 07677. Telephone: 201-930-1923 Fax: 201-930-8501 Executive Director: Gerard J. Carty, P.E.

MC ALINDEN SCHOLARSHIP WINNERS

Member, JOSEPH A. MC ALINDEN, bequeathed \$100,000 to the Moles for the establishment of scholarships for the children and grandchildren of Moles' members. The first scholarships were awarded in 1996. To be eligible, the child or grandchild of a member must have completed at least two years of undergraduate studies at an accredited college or university (graduate students are not eligible). This year, the Finance and Education Committees determined that eight \$1,000 scholarships would be made available. Over thirty names were submitted and a drawing for the scholarships was held at the May Business Meeting and Dinner. The eight lottery winners are: Tim Christensen, son of **Hank Christensen**; Kathryn Daloisio, daughter of **Al Daloisio**; Joel Glaisyer, stepson of **Jack Ely**; Allison Kelley, daughter of **Gene Kelley**; Amy Schneidkraut, daughter of **Pete Schneidkraut**; John Singer, grandson of **Sidney Snider**; Stephanie Stricker, daughter of **Harry Stricker**; and Kathleen Heinkel, granddaughter of **Felix Sweeney**.

Congratulations to our eight winners and thanks to Joseph A. McAlinden for thinking so much of The Moles and leaving this bequest from which the scholarships are funded.

**NOVEMBER
MEMBERS
MEETING &
DINNER
WEDNESDAY
NOVEMBER 1, 2000**

PRESIDENT APPOINTS COMMITTEE MEMBERS

The following Committee assignments have been made for the current year.

AWARD COMMITTEE: Edward Cruz, Chairman, JOHN L. KOLAYA, Vice Chairman, Howard M. Mager and Joseph C. McGowan, Members at Large.

MEMBERSHIP COMMITTEE: Zohrab B. Marashlian, Chairman, John A. Rupich, Vice Chairman, Arthur N. Aubin, Louis S. D'Amico, Thomas A. Gelormino, Joseph M. McGoldrick, Pete E. MacKenna III, Patrick D. Mullen, Harry Stricker and Vincent Tirolo, Jr.

PROGRAM COMMITTEE: Andrew F. Catapano, Chairman, Joseph M. McCann, Vice Chairman, John Bidosky III, Gerard P. Brady, Thomas P. Condrin, Francis P. DiMenna, Jr., Edward P. Forte, John J. O'Sullivan, Angelo J. Pegno, Stephen G. Price and James P. Strobel.

FINANCE COMMITTEE: Francis J. Lombardi, Chairman, Alfred A. Brand, Everett G. Cruz, Peter E. Getchell, Joseph D. Guertin, Jr. and Thomas B. Treacy

EDUCATION COMMITTEE: Gary A. Almeraris, Chairman, Joseph F. Malandro, Vice Chairman, Arthur J. Blattner, Richard H. DiLouie, William V. McGuinness III, Michael M. Mc Hugh, Joel Moskowitz, Thomas F. Peyton and John R. Roma.

PUBLICITY COMMITTEE: John F. McNamara, Chairman, Dominick M. Servideo, Vice Chairman, Robert E. Alger, Henry N. Christensen, James E. Kelley, Jr., Val S. McWhorter, David M. Oneglia and Donald N. Weisstuch.

CLAMBAKE

**TUESDAY
AUGUST 1, 2000**

**TRAVERS ISLAND
PELHAM, NY**

**REGISTRATION
11:30A.M. TO 5:30 P.M.**

**LUNCH
11:30A.M. TO 2:00 PM.**

**OUTDOOR GAMES
2 P.M. to 5 P.M.**

**TENNIS TOURNAMENT
2 p.m.**

**SOFTBALL GAME
3 P.M. to 5 P.M.**

**BOAT RIDES
2 P.M. to 5 P.M.**

**SWIMMING and TENNIS
ALL DAY**

FREE BEER ALL DAY

**SURF & TURF DINNER
SERVED AT 6 P.M.**

**GOLF AT LEEWOOD GOLF
CLUB IN A.M.**

**ACCOMMODATIONS
AVAILABLE AT
RENAISSANCE
WESTCHESTER HOTEL
HOTEL**

**DINNER
MONDAY EVENING
RENAISSANCE
WESTCHESTER HOTEL**

NEW MEMBERS



Left to Right: Front Row - Lawrence W. Klein, Robert J. Burick, Kirk Samuelson, Donald R. Williamson, Joseph G. Griffin, Gary A. Platt Back Row - Rory D. Neubauer, John A. Loftus, John A. Cavanagh, Joseph W. Ertle, Raymond J. Finnegan.

CHARLES ANDROSIGLIO is Executive Vice president of DeFoe Corp., Mt Vernon, New York. He earned a Bachelor of Science Degree from Newark College of Engineering in 1978. Prior to joining DeFoe in 1981 he was employed by Delma Engineering Company and the Port Authority of NY & NJ.

ROBERT BAND is President & CEO of Perini Corporation. He holds Bachelor and Master Degrees from the University of Massachusetts. He joined Perini in 1973 and held operational and financial positions prior to being named CEO.

MARVIN J. BLOOM is Senior Vice President and Regional Manager for URS Greiner Woodward Clyde. He earned his Civil Engineering Degree from City College, his MSCE from Purdue University and his MBA from Long Island University. Prior to joining URS, he was employed by TAMS, Sea-Land Service and Sverdrup.

ROBERT J. BURICK is Area Manager in the Heavy Construction Division of Granite Construction Company. He graduated in 1961 with a Civil Engineering Degree from the University of Colorado and during his career with Granite has been involved in many major heavy construction projects.

DAVID M. CACOILI is a Partner in Mueser Rutledge Consulting Engineers. Dave earned his Civil Engineering degree from NJIT in 1979.

JOHN A. CAVANAGH has been employed by Morse Diesel for over 39 years and currently serves as Vice Chairman of the Board of Directors.

ANTHONY G. CRACCHIOLO is Director, Capital Programs for the Port Authority of NY & NJ responsible for the \$1.6 Billion JFK Light Rail System and the \$415 Million Newark Airport Monorail Extension. He is a Civil Engineering graduate of Manhattan College.

JOSEPH W. ERTLE, JR. is senior Vice president of Perini Corporation. He earned Bachelor and Masters Degrees in Civil Engineering from Newark College of Engineering.

RAYMOND J. FINNEGAN is Manager, Construction Management Division of the Port Authority of NY & NJ responsible for overseeing all Port Authority construction work. He earned a Civil Engineering degree from Manhattan College.

JOSEPH G. GRIFFIN is President of George Harms Construction Company, Farmingdale, NJ. He holds a Civil Engineering Degree from NJIT.

JOSEPH J. IORIO is Vice President and Area Manager for Yonkers Contracting Company, currently responsible for the \$200 Million Atlantic City Tunnel project. He earned a Civil Engineering degree from NJIT.

JOHN S. KARPINSKI is Vice President and Manager of Engineering and Estimating for Weeks Marine, Inc. He earned Bachelor and Masters degrees in Civil Engineering Degrees from the University of Louisville.

LAWRENCE W. KLEIN earned his Civil Engineering Degree from Manhattan College, a Masters Degree in Civil Engineering from City College and an MBA Degree from Manhattan College. He is Vice President of Construction for Yonkers Contracting Company.

ROBERT A. KOCH is Project Manager for Weeks Marine, Inc. he earned his Civil Engineering Degree from the University of Delaware.

JOHN A. LOFTUS is Senior Vice

president of Perini Corporation, overseeing the operations of the Northeast Region. he holds a Civil Engineering Degree from Villanova University.

PATRICK P. LOFTUS has been President and CEO of High Steel Structures, Lancaster, PA. since 1986. He earned a B.S. degree in Industrial Management from Boston College.

ROBERT J. MC KINSTRY is Vice president of Sales for Barker Steel Company, Keasbey, NJ. He received a B.S. Degree in Engineering from the University of Connecticut.

MYSORE L. NAGARAJA is Senior Vice President and Chief Engineer of the MTA, New York City Transit Authority. he earned his Civil Engineering Degree from Brigham Young University.

RORY D. NEUBAUER is senior Vice President of Modern Continental Construction Company. He is a Civil Engineering graduate of Clarkson University.

GARY A. PLATT is Senior Vice President and General manager of the Construction Division of Weeks Marine, Inc. He received a Civil Engineering Degree from RPI and a masters degree in



Left to Right: Front Row: Marvin J. Bloom, Charles Androsiglio, Robert A. Koch, Anthony Cracchiolo, Mysore Nagaraja, Benjamin D. Redd, Jr.; Back Row: John S. Karpinski, Ralph V. Russo, Patrick P. Loftus, Robert J. McKinstry, Joseph J. Iorio

Civil Engineering from MIT.

BENJAMIN D. REDD, JR. is Vice President of Raytheon Infrastructure, Inc. He received an Engineering degree from the United States naval Academy.

RALPH V. RUSSO is Senior Vice President, Engineering & Estimating for Slattery Skanska, Inc. He earned

an Engineering Construction Degree from City College.

DONALD R. WILLIAMSON is President and CEO of Rogers group, Inc., Nashville, Tennessee. He is a graduate of the University of Washington.

KIRK R. SAMUELSON is Vice President and District Manager of Kiewit's Underground District. He is a Civil Engineering graduate of the University of Rhode Island.

WELCOME NEW MEMBERS

CONGRATULATIONS! YOU HAVE BECOME A MEMBER OF A UNIQUE AND REMARKABLE ORGANIZATION WITH A GREAT TRADITION OF ACCOMPLISHMENT AND FELLOWSHIP.

TO GAIN THE MOST FROM YOUR MEMBERSHIP, YOU NEED TO BE AN ACTIVE AND PARTICIPATING MEMBER. PLAN TO ATTEND ALL FUNCTIONS AND ACTIVITIES: MAY BUSINESS MEETING AND DINNER; CLAMBAKE; ANNUAL AWARD DINNER; AND NOVEMBER MEMBERS DINNER.

CENTRAL ARTERY TOUR (CONTINUED FROM PAGE 1)



The casting basin for the construction of Modern Continental's sunken concrete tubes.

an excavation for a 110 foot deep cut and cover tunnel section adjacent to historic South Station, the 55 story One Financial Center and the 46 story Federal Reserve Bank Building. Seven foot high steel tunnel roof girders were installed with the use of a custom built low clearance traveling gantry system and custom built transporters. Needless to say, the guides took everybody down to the deepest point of the tunnel and everyone (fortunately) was able to make it back up the 110 feet to the surface.

The Slattery Skanska J.V. project entails the construction of the South Bay Interchange, the coming together of I-90 and I-93. A unique feature of this project is the construction and jacking of three 38 foot by 78 foot tunnels under the South Station Railroad Yard through previously frozen ground. The project also involves the construction of a two mile segmental viaduct structure over busy roads and railroad tracks and a substantial amount of more normal viaduct structures.

After completing the morning program, everyone was glad to return to the Wang building for a buffet lunch and a little rest. Then at 12:30 P.M. the briefings began for the projects to be visited in the afternoon. Since these projects were of some distance away, a bus took the entourage to the other side of Fort Point Channel where again the group was subdivided into smaller groups.

Some initially visited the Modern Continental project which entails the construction of two parallel concrete box immersed tube tunnels (of three units each) the first such construction using concrete. The tunnel sections vary in size with some as long as 414 feet, as wide as 174 feet and as deep as 32 feet with weights ranging from 26,000 to 51,000 tons. Two of the sections have ventilation building foundations cast on top of the tubes



Tour participants enjoyed the opportunity to gather the night before for refreshments and dinner at the Radisson Hotel.

prior to floating.

The other project initially visited in the afternoon was the Kiewit, Atkinson, Cashman Joint Venture project. This project is the South Boston Interchange which has 1600 LF of Mainline I-90 roadway and HOV lanes along with four on-off ramps. It utilizes slurry wall, cement bentonite, sheet pile, soldier pile and lagging and deep soil mixing for the support of excavations. The project is seven travel lanes wide in five separate bores and the work includes the foundation of ventilation Building No. 5 and the construction of the World Trade Center

Both the Perini project and the Kiewit project involved the construction or reconstruction of MBTA stations. An unusual feature of these contracts is that the station work is administered and paid for separately by the MBTA.

The idea for the tour was conceived by John McNamara of Modern Continental. He was ably assisted by Gary Almeraris of Slattery Skanska and Pete Schneidkraut and Zohrab Marashlian coordinated the efforts of the Perini and Kiewit Joint Venture Projects, respectively. Moles' member Burt Kassap of the CAT staff acted as liaison and was a great help in making everything go smoothly.

The Moles is grateful to Joe Allegro and his staff for their cooperation and assistance and the use of their facilities.

The charter of The Moles states "That meetings and other gatherings be held to exchange construction information and promote good fellowship among the members." This event certainly fulfilled that objective of the Moles in a very fine way.

Now that The Moles has sponsored such a trip as this, members might be on the alert for similar tours of other noteworthy projects around the country (or maybe even around the world).

THE MOLES RETURN TO JFK AIRPORT FOR STUDENTS DAY 2000

As a result of the efforts of many Moles members, another successful Student's Day was held on Friday, April 7, 2000.

The primary responsibility for this event rests with the Moles Education Committee but they would be the first to acknowledge that considerable assistance is needed from other Moles' members to bring everything together to ensure a smooth and well coordinated event.

Firstly, approximately 300 hard hats are needed in order to provide each student and faculty member with one for use that day and to take home as a souvenir of a long remembered day. Such hard hats are provided Moles' member firms.

Although there are nine members of the Education Committee who take the lead in planning and overseeing the events of the day, that is not nearly enough men to shepherd the students around the site and to answer questions on a one on one basis. Fortunately, there is a regular cadre of approximately 20 other Moles' members who turn out on Student Day to assist the Education Committee in their tasks. Besides performing a praiseworthy duty, these members and others in attendance learn a great deal about the intricacies of the construction work that is inspected.

Then there is the host Owner and Contractors. On this day, as was the case last year, the Port Authority of NY & NJ hosted the group by providing the assembly and briefing location, buses for transportation around the site and personnel to present the overall project briefing.

Slattery Skanska, E.E. Cruz, Halmar and Morse Diesel were the host contractors. They provided personnel at locations around the site for briefings about the work being seen at that particular location.

And The Moles and its members financed the miscellaneous costs of refreshments, donuts and lunch.

Approximately 250 students and faculty members benefited from all of these efforts by having a marvelous tour of the Light Rail Transit System being constructed at JFK Airport by the Slattery Skanska Joint Venture under a Design, Build Operate contract.



SIXTY SECOND ANNUAL BUSINESS MEETING

The sixty-second Annual Business Meeting of The Moles was held at The New York Hilton Hotel on Wednesday evening, May 3, 2000.

The first event on the program was the lecture (from 5 TO 6 P.M.) by **GEORGE A. FOX**. George did a wonderful job in noting the changes that he has seen in the construction industry over the past 50 years.

After the traditional cocktail hour the members went into the Mercury Ballroom for dinner. One of the highlights of the evening was the welcoming and introduction of the new members.

STEVEN D. TEETOR was present to receive his Life Member Certificate (see adjacent photo).

Reports were given by all of the Committee Chairmen. This meeting completed the terms of **JOHN L. KOLAYA**, Chairman of the Education Committee and **LAWRENCE H. LEHMAN**, Chairman of the Publicity Committee, and Trustees **SALVATORE MANCINI** and **BILL GILFILLAN**.

The Officers and new Trustees were then introduced. The new Trustees are **GARY A. ALMERARIS** (Chairman of the Education Committee), **EUGENE F. KELLEY**, **JEFFREY M. LEVY** and **JOHN F. MC NAMARA III** (Chairman of the Publicity Committee).

After turning over the gavel to new President **ROBERT R. BUCKLEY**, retiring President **RAYMOND R. ONEGLIA** thanked The Moles staff for their help over the past year and recounted what an honor and enjoyable experience it was for him to serve as President of this great organization.

President **BUCKLEY** then introduced the Committee Chairmen and adjourned the meeting. Visiting among members continued after the meeting adjourned.



Outgoing President, Ray Oneglia turning the gavel over to incoming President Bob Buckley.



Steven Teetor receiving a 40 year certificate from President Ray Oneglia.



George Fox presenting a lecture: "Changes in the Construction Industry over the Past 50 Years."