

NEWS BULLETIN

AN ASSOCIATION OF INDIVIDUALS

HOLING



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

THROUGH

APRIL, 1989

*Sherwood E. Liles, III
elected
President of The Moles*



*Annual
Business Meeting
and Dinner*

to be held at

*The New York Hilton
at
Rockefeller Center*

WEDNESDAY, MAY 3, 1989

SHERWOOD E. LILES, III, President of North Star Construction Corp., headquartered in Virginia Beach, Virginia has been elected to serve as President of The Moles for the 1989/90 year, commencing May 1, 1989 through April 30, 1990. He will receive the gavel from retiring President, GERARD J. CARTY at the Annual Business Meeting & Dinner to be held on May 3, 1989 at The New York Hilton, NYC.

Other Officers elected are: First Vice-President, CHARLES H. CAMPBELL, Executive Vice President of Peter Kiewit Sons, Inc., headquartered in Omaha, Nebraska; Second Vice-President, ROBERT C. KOCH, Vice-President in charge of Engineering for Yonkers Contracting Company, Inc., Yonkers, New York; Treasurer, CHARLES F. VACHRIS, Charles F. Vachris Consulting Engineers, Williston Park, New York; Secretary, MICHAEL J. UCCL, AMCA International Corp., Hanover, N.H.; Sergeant-at-Arms, WELDON S. BOOTH, W.S. Booth & Company, Nyack, New York.

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Sherwood E. Liles, III

(Continued from Page 1)

Trustees elected for a three year term are: JOHN F. DONOHOE, President, Moretrench American Corp.; MARTIN N. KELLEY, Vice President & Chief Engineer, Kiewit Engineering Co.; CHARLES B. MOLINEAUX, Zorc, Rissetto, Weaver & Rosen; DANIEL J. RAGO, Vice President, Yonkers Contracting Company, Inc.; and RICHARD N. WEEKS, President, Weeks Marine, Inc.

Born June 13, 1931 in Salisbury, North Carolina, Sherwood E. Liles, III served on active duty in the United States Marine Corps during 1950 to 1952. He attended the University of Virginia after his tour of duty with the Marines and graduated with a Bachelor of Engineering Degree.

In 1957 he joined Tidewater Construction Corporation where he worked until December 2, 1987. While with Tidewater, starting as a Field Engineer, then Superintendent to Project Manager, he was assigned to various heavy and industrial projects including the Chesapeake Bay Bridge-Tunnel and the Hampton Roads Tunnel. His last field assignment was as Project Manager on the Hampton Roads Tunnel, completed in 1974.

In 1974, Sherwood was appointed General Superintendent of Tidewater's Heavy Construction Division. He later became Vice President in charge of the Heavy Construction Division in 1977. He was made a Director in 1979; and in 1985 was placed in charge of Industrial and Heavy Construction for Tidewater Construction Corporation. He was also elected as a Director and President of Bayshore Concrete Products Corporation that year.

During December 1987, Sherwood assisted in forming North Star Construction Corp., which was incorporated on January 6, 1988. The firm specializes in industrial and heavy construction. Sherwood serves as its President. In the short period they have been in business, the firm has obtained two bridge repair projects and a contract to build the concrete foundations for two petroleum storage tanks.

A member of the American Society of Civil Engineers and the Professional Construction Estimators Association of America, Sherwood has served The Moles in various positions since he became a member in 1978; first as a committee member on the Finance Committee; then

● DONALD G. ARMSTRONG has joined Interface Consulting International, Inc. as Senior Vice-President and Principal Consultant. Don, a former Director and Senior Vice-President of Raymond International Builders, Inc. brings 28 years of international and domestic construction management experience to ICI. The firm is a management consulting firm providing services to the construction industry and specializes in construction management, dispute resolution, and claims development and evaluation. Don is a graduate of Cornell University with a BCE and an MBA and is the current Chairman of the Associated General Contractor's International Construction Committee.

● HAROLD V. McKITTRICK has been named Executive Vice President and General Manager of Lodigiani U.S.A., Ltd. of Saddle Brook, New Jersey, a subsidiary of Lodigiani S.P.A., an eighty-year-old major international heavy construction firm headquartered in Milan, Italy. Hal, a veteran of 30 years in the construction industry, spent 20 years with Perini Corporation, he was the Project Manager on the sunken tube crossing of Washington Channel for WMATA in the late 1970s and Area Manager for Perini. He currently serves on the ASCE National Committee on Contract Administration and has served on the ASCE National Committee on Earth Retaining Structures of the Geotechnical Engineering Division and has lectured on foundation construction methods. He also represented the ASCE on the Engineers Joint Contract Documents Committee; and is a Trustee of the Deep Foundation Institute.

Trustee; Vice Chairman and Chairman of the Award Committee; and Second and First Vice-President.

Local civic activities include: past President of the Virginia Beach Rotary Club and of the Junior Achievement of Southeastern Virginia; and a board member of Tidewater Health Care, Inc., the parent company of Virginia Beach General Hospital. He is also a board member of the General Douglas MacArthur Foundation.

Sherwood is married to the former Lois Prime of Great Neck, NY and lives in Virginia Beach, Virginia. They have three grown children, two sons and a daughter. His oldest son, John, is a Project Superintendent for North Star Construction.

32 Elected to Membership

At the April 4th Executive Committee Meeting, thirty-two candidates were elected to Membership. Their membership becomes effective May 1, 1989. In alphabetical order they are: Gary Almeraris, Skanska (USA) Inc.; Ernest Alvarez, Frederick R. Harris, Inc.; Michael Bianchini, Gates Construction Corp.; Arthur Blattner, Perini Corporation; Alfred H. Brand, Mueser Rutledge Consulting Engineers; Theodore Civetta, Jr., John Civetta & Sons, Inc.; James Cotton, Metric Constructors, Inc.; Richard L. Curl, Morrison-Knudsen Company; Louis S. D'Amico, Slattery Associates Inc.; Pasquale Diccianni, Lone Star Industries; Richard DiLouie, Jr., Kerr Construction Inc.; Andrew S. Fisher, Fisher & Fisher; Kendandhal, Inc.; Michael J. Flynn, Slattery Associates, Inc.; Henry Fusillo, George A. Tomasso Construction Corp.; Thomas J. Henderson, Guy F. Atkinson; Charles T. Hennigan, Howard Needles Tammen & Bergendoff; Leon C. Heron, Jr. Kiewit Eastern Co.; Alan G. Hobelman, The George Hyman Construction Co.; James R. Kesl, Corroon & Black, Inc.; William S. Lincoln, Yonkers Contracting Company; Timothy Maloney, Geotech Services, Inc.; Zohrab Marshlian, Perini Corporation; James P. Moriarty, T. Moriarty & Son, Inc.; William G. Mulligan, Ingersoll-Rand Company; Raymond Oneglia, O & G Industries; John E. Roe, City Underwriting Agency; Christopher R. Ryan, Geo-Con, Inc.; Brice R. Smith, Jr., Sverdrup Corporation; Dino Tomassetti, Laquila Construction Inc.; Kenneth A. Tully, Willets Point Contracting Corp.; Joseph Welsh, GKN Hayward Baker, Inc.; William S. Zoino, Goldberg-Zoino & Associates.



MAYO and de SISTI CHARTER MEMBERS DIE . . .



ROBERT S. MAYO died on December 12, 1988. He was 88.

After graduating from Illinois Tech in 1923 he did graduate work at the Michigan College of Mines. In 1924 he went to work as a junior engineer on the Holland Tunnel; and spent the next several years gaining experience. In 1937, he formed his own company Mayo Tunnel and Mine Equipment which developed into a Worldwide business specializing in tunneling equipment. Mayo tunnel shields, hoists, rib setters and appurtenant equipment are used throughout the World and have formed the basis for much of the modern tunneling equipment seen today. He designed six of the shields which were used on the San Francisco subways, the 20-ft diameter shield for the West Side Interceptor Sewer in NY and most of the shields now in use on WMATA in Washington. He retired from active participation in the firm now known as Elgood-Mayo July 1973 but remained active as a consultant to several public agencies and many contractors on subway and tunnel construction.

BRUNO P. de SISTI died on October 17, 1988. He was 89.

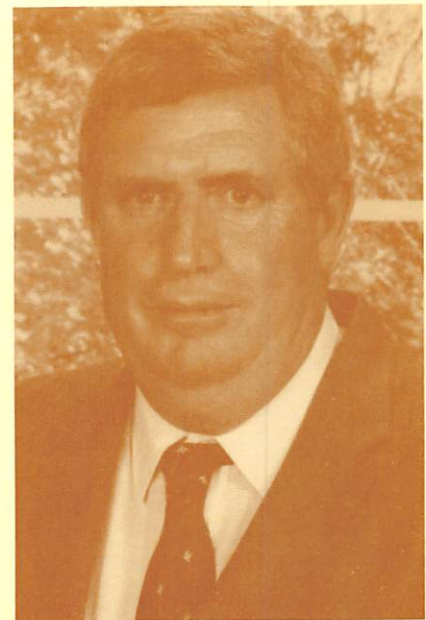
A Charter member of The Moles, he became a member emeritus in 1965 after a long, productive engineering career. He was awarded Life Emeritus membership in 1978 in celebration of forty years a Mole member. Mr. de Sisti worked on subway construction for the Carleton Co., New York City when he became a member in 1938. Over the years, he became affiliated with American Cyanamide, Anaconda Copper Co., and Ammann & Whitney Consulting Engineers. He graduated from the Institute of Technology, Perugia, Italy and received his engineering education at the University of Rome in Rome, Italy. He was a resident of Barnegat, New Jersey since 1974.



During WW II he served with the United States Marine Corps in the Pacific and was discharged with the rank of Colonel.

In his career which spanned over six decades, he earned the admiration and respect of "tunnel men" throughout the World. He was devoted to his work and deeply committed to improving the "technology of tunneling". He co-authored three books on Tunneling, namely, Practical Tunnel Driving; Tunneling: The State of the Art; and Tunneling: The state of the Industry, all widely used throughout the World.

A "charter" and "life" member of The Moles (#72) Bob was elected to Honorary Membership in the American Society of Civil Engineers in 1984. One of the highest accolades of the engineering profession.



DUNCAN M. WOOD died on January 18, 1989. He was 61.

A 1950 graduate of Lehigh University where he earned degrees in Civil Engineering and Mining Engineering, he joined Underpinning & Foundation Co., Inc., in 1956 as a construction superintendent on foundation contracts. In 1963 he was elevated to the position of Vice President and General Superintendent of all caisson, underpinning and braced excavation jobs for the company. A few of the major projects he was in responsible charge for Underpinning were: The World Trade Center, General Motors Building and the 53rd Street Post Office in Manhattan; subway work in New York, Washington, D.C. and San Francisco; and the Rehabilitation of the Byrne Courthouse foundations in Philadelphia.

In 1977, Duncan joined Schiavone Construction Company as Shaft Superintendent for the construction of the 63rd Street subway tunnel in Manhattan. Later he became Project Manager for Schiavone on a highway bridge job in North Bergen, NJ. Since 1983 he had been Project Manager of a Schiavone-Daidone jv in connection with the construction of the Red Hook Treatment Plant in Brooklyn.

He is survived by his wife, Shirley; and a son, Douglas.

TWO PAST PRESIDENTS DIE . . .



ROBERT CRIMMINS died on February 22, 1989 at his home in Noroton, CT. He was 73.

Born in New York City on December 16, 1915 Bob became the fourth generation to head the prominent NYC foundation construction firm, Thomas Crimmins Contracting Company. After receiving his B.A. degree from Harvard University and a C.E. from the Columbia University School of Engineering, Bob served with the United States Army Combat Engineers in the Pacific. Discharged with the rank of Captain he went to work for the family firm starting as a survey engineer. He recently retired as Chairman having served in various responsible positions including President a position he was elected to in 1963.

Bob served the construction industry well doing important committee work with technical societies including the American Society of Civil Engineers. He became a member of The Moles in 1950 and served as committee man, Trustee, Secretary, second and first Vice President culminating with the Presidency in 1967. Ten years later, in 1977, Bob received The Moles' highest honor, the Member Award for "outstanding achievement in construction". His citation read, "*Robert Crimmins, a past President of The Moles, son of the 1947 Award Recipient Fourth generation leader of his 125 year old organization in recognition of his initiative, imagination and leadership in the solution of a wide variety of heavy construction*"



RADM. PETER CORRADI, CEC-USN (Ret.) died in Naples, Florida on December 5, 1988. He was 78.

Born in Brooklyn, NY, Admiral Corradi graduated with a civil engineering degree from New York University in 1936 after taking courses partly during the day but mostly at night over a period of six years. During that time, he worked in various jobs as surveyor, draftsman and construction inspector to support himself and put himself through school. He began his engineering career with the Triborough Bridge Authority in New York. In 1940 while a civil engineer with the board of Water Supply, he was commissioned a lieutenant (j.g.) in the Civil Engineers Corps Reserve and called to active duty as Resident Officer in charge of construction of shipbuilding facilities at Portsmouth, NH.

When WWII came, he was assigned to the Seabees and served in many island-hopping Pacific campaigns as Commanding Officer of a construction battalion.

CRIMMINS

foundation problems in the New York area."

Bobby as he was known to his associates and colleagues will be sorely missed for his advice, and particular knowledge of foundation construction information in New York City.

He is survived by his wife of 43 years, Vi; three daughters, Sally, Anne and Susan; and four grandchildren.

GOLDEN BEAVERS TO THREE MOLES

Congratulations to three Mole Members who were among the Golden Beaver Awardees honored at the Beavers' Dinner held on January 19, 1989. They were: TOM KUESEL (Engineering); JOHN CHIAVERINI (Supervision); and FRANK McCABE (Service-Supply).

CORRADI

His wartime decorations include the Bronze Star Medal with Combat "V". At the end of World War II he was Commanding Officer of the 39th Naval Construction Regiment on Okinawa. Admiral Corradi's Navy career included his appointment in 1962 as Chief of the Bureau of Yards and Docks and Chief of Navy Civil Engineers. During his 25 year Navy career he served in a variety of civil engineering assignments with the Seabees and the Civil Engineers Corps. Prior to his appointment to a four year term as Chief of BUDOCKS he served four years as Deputy Chief. Early in 1965, in recognition of his leadership during a period of greatly expanding responsibility in the CEC and BUDOCKS, Admiral Corradi was awarded the Distinguished Service Medal by the President of the United States. After his retirement in 1965, New York University awarded him the Honorary Degree of Doctor of Science in 1966. That same year he joined Gibbs & Hill as Vice President and General Manager and within a short time became President of the firm. In 1969 he joined Raymond International Inc., as Senior Vice President. He was elected a Director; advanced to Executive Vice President; and in 1972 was elected Board Chairman.

Admiral Corradi became a member of The Moles in 1967 and a member emeritus in 1986. During the time he was a member he served as Trustee, Vice Chairman and Chairman of the Award Committee, Second and First Vice President culminating with the presidency in 1972; and was the recipient of The Moles' 1976 Award for "outstanding achievement in construction".

He is survived by three children Peter, Patricia and Carol; ten grandchildren; and two great grandchildren.

Louis F. Booth
Retired
Port Authority
Engineer
Authors Novel

LOUIS F. BOOTH has recently written a book titled *DUAL ABODE*. It is the story of a man who experiences another time, a time eleven centuries earlier than his own. Speaking through a narrator, who is an old army buddy meeting the main character after a number of years, Louis delves into the earlier time from a little distance. The place is Germany and the area the same in both periods experienced. In the time of Charlemagne, a Saxon youth brought into Frankish culture to help on the construction of a palace and church at Aachen faces many problems, as does Charlemagne in bringing his people out of the Dark Ages. In the later time, the main character faces a different type of problem during the military ending of Hitler's dark age. A love story transcends the two times involved and the bringing together of the two is delicately handled. In his book, Louis brings a curve to time that many will be interested in imagining.

Louis is a 1923 civil engineering graduate of Perdue University, and spent his working life in engineering and construction. He became a member of The Moles in 1946. When he retired from the Port Authority in 1970 he became a member emeritus and moved to Florida. Louis' book can be purchased from Vantage Press, Inc., in New York.

JOHN L. SALMON died at his home in Chicago, Illinois on December 23, 1988. He was 70.

John was born into a construction family. During his early years, John's father was Chief Engineer of S.A. Healy Company and John with his family followed major construction projects in the United States until he graduated with a BSCE from Massachusetts Institute of Technology in 1939.

John started his career as an Engineer in heavy construction with S.A. Healy on the Third Locks Project on the Panama Canal. During WW II he served as a Lieutenant in the U.S. Army on military construction in Alaska. When the war ended he returned to construction and followed this vocation throughout his lifetime working with E. J. Albrecht Company on waste treatment facilities; industrial construction and oil refineries.

In 1952 he joined S. A. Healy Company again, this time as a Project Manager and Estimating Engineer on subway, rock tunnel, shafts, open-cut sewers and dam projects. From 1958 to 1972, he served as Chief Engineer for J.M. Corbett and J.M. Foster until his return to S.A. Healy as Project Manager for a major TBM project with the Metropolitan Sanitary District of Greater Chicago. From 1981 until his death, he served S.A. Healy as a Senior Estimator.

John was a member of Phi Epsilon Honorary Engineering Fraternity; Ground Hog Club of Chicago; Association of Iron and Steel Engineers and the American Society of Military Engineers. He had been a member of The Moles since 1970.

He is survived by his wife, Mary; a son, John; four daughters; and a brother and sister.

MGEN. WILLIAM E. POTTER, United States Army (Ret.) died of heart failure in December 1988 at the Regional Medical Center in Orlando, Florida. He was 83.

Gen. Potter was a graduate of the United States Military Academy, Massachusetts Institute of Technology and the National War College. He was commissioned a 2nd lieutenant in 1928 and retired with the rank of major general after serving four years as Governor of the Canal Zone. After retirement in 1960, he was appointed by Robert Moses as the Executive Vice President of the New York World's Fair 1964/65 Corporation.

During World War II he helped plan the Normandy invasion in 1944 as an engineering officer at the Supreme Headquarters of the Allied Powers in Europe. Later, he was involved with moving men and supplies in Western Europe, an operation known as the Red Ball Express. After the war, he supervised for the Corps of Engineers a \$100 million project to control the Missouri River and the construction of military installations in Alaska and became assistant chief of engineers for civil works for the U.S. Army in Washington.

While working at the NY World's Fair he met Walt Disney and joined the Disney organization in 1965 as senior vice president of Walt Disney Productions for Florida Planning where he oversaw construction of the water, sewer and power systems for Disney World. He retired in 1973 and engaged in consulting services in Florida until 1985. He was elected a member of The Moles in 1962 and voted emeritus status in 1973.

He is survived by his wife, Ruth; two daughters, Jo Ann Hipp and Suzan Schull; and six grandchildren.

A.S.C.E. HOLDS FIRST CONSTRUCTION CONGRESS

The Construction Division of the American Society of Civil Engineers held its first Construction Congress in San Francisco during March 5-8, 1989. Many Mole members participated in and attended a variety of interesting sessions.

TOM DAILEY was the keynote speaker. GEORGE A. FOX was the first recipient of the newly established Roebling Award and presented a paper at an evening dinner.

Construction Congress II is planned to be held in the East, likely Boston in April 1991.

Honorary Members Die

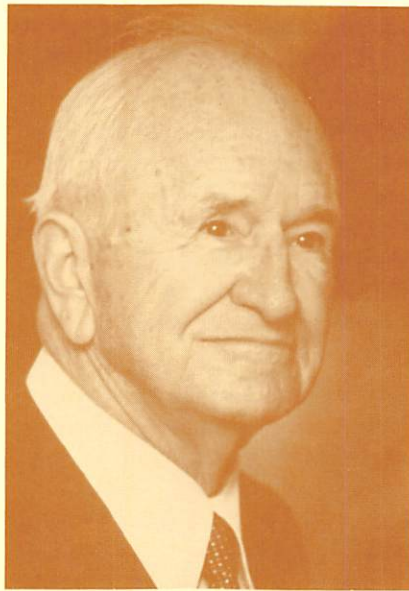


ABEL WOLMAN died at his home in Baltimore on February 22, 1989. He was 96.

An Honorary Member of The Moles he was principal speaker at The Moles' 1960 Award Dinner.

Born in Baltimore, one of six children of Polish-Jewish immigrant parents, he attended public schools and graduated in 1913 from Johns Hopkins. Although he wanted to be a physician, his parents encouraged him to study engineering at the university's new School of Engineering. In 1915, he received a Bachelor of Science degree as one of its first four graduates. He joined the U.S. Public Health Service and later became Chief Engineer of the Maryland Dept of Health. In 1937 he joined Johns Hopkins' faculty as Chairman of the Department of Sanitary Engineering.

Professor Wolman held at least 230 positions in public health, public works, engineering and education. They included the Presidency of the American Public Health Association and Chairmanship of the National Water Resources Board. He was also consultant to the TVA. Among his many awards was the National Medal of Science awarded in 1975 and the prestigious Tyler Ecology Award, a \$150,000 prize a year later. This past June



STEPHEN D. BECHTEL died on March 14, 1989 in Oakland, California after a brief illness. He was 88.

Born in Aurora, Indiana on September 24, 1900, Mr. Bechtel grew up with his family on rugged railroad construction sites in the West. By the time he was 13 he was working with his father and brothers in the family construction firm during school vacations. After serving in World War I with the 20th Engineers, American Expeditionary Force as a motorcycle dispatch rider, Steve attended the University of California, Berkley, he dropped out at the age of 19 and joined the family engineering and construction organization.

WOLMAN

he was awarded The World Health Organization's "Health for All by 2000" medal. He was the first engineer to receive this recognition since it is usually reserved for practitioners of medicine. Frank Press, President of the National Academy of Sciences, of which Professor Wolman was a member, called him "*one of the great Americans of the 20th century*" and "*truly the father of modern sanitary engineering*". He led the efforts for water chlorination and with Linn H. Enslow. Professor Wolman developed a method for chlorinating water that would kill pathogens but not harm those who drank the water.

He is survived by his son, Markley Gordon Wolman, and four grandchildren.

In 1935, two years after his father's death, he assumed the presidency of the company, a position he held for a quarter-century. In 1960 he turned over day-to-day management of the Bechtel companies to his son, Stephen D. Bechtel, Jr. Mr. Bechtel remained Chairman of the Board until 1965 when he "retired" to become the organization's Senior Director, the position he held until his death.

A world business leader who knew presidents, prime ministers and kings on a first-name basis, he was just as warm and friendly dealing with the thousands of people who worked in his firm, establishing a tradition of first-name conversation with employees at all levels that continues today.

During a career that spanned three-quarters of a century, Steve Bechtel and his organization helped build thousands of projects in more than one hundred nations. Among them: Hoover Dam; the San Francisco-Oakland Bay Bridge; World War II shipyards that turned out more than 500 vessels; the San Francisco Bay Area Rapid Transit System; the Saudi Arabian City of Jubail; plus thousands of miles of pipelines and scores of hotels, oil refineries and power plants. Fortune magazine called him "the boldest and maybe the biggest builder in the world," placing his name alongside Henry Ford, John D. Rockefeller, Andrew Carnegie and other industrial giants in its Hall of Fame of Business Leadership.

The name Stephen D. Bechtel today is associated with many of the world's most remarkable pipeline systems. Among them are: Canada's Trans Mountain Oil line; Canol, a monumental 1600-mile oil and products pipeline system from the Yukon to Alaska, built under intense emergency conditions during World War II; the 2200-mile Trans Canada gasline; the Trans-Alpine and the Trans-European oil pipeline systems; and the 1100-mile Trans-Arabian pipeline in the Middle East, an outstanding feat of desert construction

Mr. Bechtel received The Moles' 1952 Non-Member Award and in turn received honorary member status.

He is survived by his wife, Laura; two children, Stephen D., Jr., and Barbara Bechtel Davies; seven grandchildren and nineteen great-grandchildren.

Students' Day Scheduled for April 14th

Chairman of the Education Committee, RUDI van LEEUWEN has announced that this year's Student's Day will be held on Friday, April 14, 1989. The Committee composed of George Tamaro, Vice Chairman; John Chow, Gus Fleischer, Dan Hahn, John Kolaya, Mark McGowan, Jim Mahon and Bernard Monahan plans to visit three PATH projects. Included are the Morton Street Ventilation Building site in NYC; Caisson I Ventilation Building site in Jersey City, NJ; and the site of the new PATH-Transit Car Maintenance Shop in Harrison, NJ. At these sites, the Student Engineers will see various phases of construction including earth excavation, deep foundation wall construction utilizing the slurry-trench method, rock excavation, erection of exterior metal building panels, installation of ballast and rail trackage, laying of underground utilities and the installation of building utilities and equipment. Through the generosity of many Mole affiliated contractors, Students will be given a "hard hat" to be worn during the field trip and to take with them as a souvenir of the day. Dan Hahn, Assistant Chief Engineer for Design of the Port Authority is co-ordinating the tour. Students will be served coffee and pastries at the morning briefing and a box lunch later on at the Harrison, New Jersey job site. Key personnel from the Port Authority and contractors on the job sites will be explaining the various phases of construction. Additional Mole Members will be serving as guides along with the Education Committee.

● EDWARD COHEN, Managing Partner and Chief Executive Officer of the New York based consulting engineering firm of Ammann & Whitney, has been named an Honorary Member of the American Society of Civil Engineers. A special luncheon in honor of those elevated this year took place in St. Louis this past October during the Society's annual fall convention. Ed Cohen has been recognized for more than 45 years of active involvement and leadership in the structural engineering field.

Six Moles To Receive 40 Year Certificates

Members elected in 1949 will receive their LIFE (40 Year) certificates at The Moles' Annual Business Meeting & Dinner to be held on May 3, 1989. They are: Lucien F. Blom, Albert DiGiacinto, Frank P. Foster, William H. Frantz, Victor B. Hertslet and M. Harry Wartur. All but VIC HERTSLET have been members emeritus for many years, but Vic transfers his active status to Life retaining all the privileges of an active member in accordance with The Moles' by-laws. As a LIFE member he will be relieved of further payment of annual dues.

DFI to Hold 3rd International Conference in London

A third International conference on piling and deep foundations has been organized by Deep Foundations Institute, headquartered in Sparta, NJ. The conference is the third of a series begun in 1986. The first conference was held in Beijing, China. A DFI of China was established following that conference. The second conference was held in Luxembourg in 1987. The third conference will be held May 15-18 at the Royal Garden Hotel adjoining Kensington Gardens in London, England. Further information can be obtained from Mole member, G. Robert Compton, Executive Director of DFI.

● GERARD F. FOX, Partner in the New York based consulting engineering firm of Howard Needles Tammen & Bergendoff was elevated to Honorary Member Status in the International Association of Bridge and Structural Engineering (IABSE) during that group's 13th congress last June in Helsinki, Finland.

James A. Lilly back from Retirement

JAMES A. LILLY is back in harness and has been working full time for Morrison-Knudsen since this past summer. Jim retired as Executive Vice President & Director of MK in 1983. He worked as a consultant for the company but he wanted a full time job. Jim says, "I was never really cut out for retirement". The opportunity came this summer when he was given the title of Senior Deputy to newly appointed, Executive Vice President, Frank Adams. William M. Agee, Chairman President & Chief Executive Officer of the firm describes Jim as "a guy whose body has weathered 70 years, whose mind holds 100 years of experience, and who has the spirit of a 25-year-old."

● W. B. "BER" PIEPER has been promoted to President and Chief Operating Officer of Brown & Root, Inc., headquartered in Houston, TX. Ber Pieper joined the firm in 1957 and has served in a variety of managerial and Executive positions, both in the United States and overseas. Most recently, he was Senior Executive Vice President of Operations for Brown & Root.

● The following members were elected to Member Emeritus status this past year, therefore, creating some of the vacancies used for new members. William Abrahamson, William D. Alexander, Jack J. Burke, William Jay Carroll, J. Joseph Casey, Albert E. Downes, William A. Durkin, James F. Finn, William C. Finneran, Eugene Goldman, Arthur Gold, W. J. (Joe) Green, Edward F. Hess, Thomas A. Holmes, James A. Leonard, Robert J. Maloney, David McGrath, Paul Nicholson, Philip Rechel, Edward A. Tully, and Joseph C. Ungerer.



WILLIAM F. GOODFIELD died on January 26, 1989. He was 76.

Born October 26, 1912 in Hardwick, Massachusetts, Billie Goodfield worked on some of the largest and most difficult tunnel projects both in the United States and overseas. To name just a few of the projects he was associated with are: Churchill Falls, Canada for Walsh Construction; the Kinzu Dam & Tunnel in Pennsylvania for Hunkin Conkey Construction; Muddy Run, Pennsylvania for Arundel-Dixon J.V.; Richmond Shaft, N.Y., for Perini Corp and the New York Water Tunnel in NYC for the J.V. Water Tunnel Contractors. After retirement he became a Member Emeritus and moved to Englewood, Florida. He was a member of Gilbertville Trinity Church, Shrine, Masons, and Elks.

Survivors include: two daughters, Jeanne E. Cameron and Susan E. Williamson-Lehmann; a sister, Susan E. Dean; a brother, Chester Good; and two grandchildren.

FRANCIS M. KEVILLE died on March 4, 1989 in Jordan Hospital in Plymouth, Mass. He was 59.

Born in the Mission Hill section of Roxbury, he attended Northeastern University where he earned a Civil Engineering Degree in 1960 and an Industrial Engineering Degree in 1969.

Frank was Director of Construction for the Massachusetts Bay Transportation Authority. He had been with MBTA for the last 23 years. Most recently he was a special consultant in engineering and construction to the Central Artery/Third harbor tunnel project for the Massachusetts Turnpike Authority.

For the MBTA he directed the Southwest Corridor project which included the new Orange Line commuter rail lines and Amtrak service. He also directed the \$620 million construction of the Red Line extension from Harvard Square to Alewife, and the construction of the new Harvard, Porter, Davis, Alewife and Quincy Adams stations. He was responsible for the rehabilitation of track and signal systems on the MBTA's rapid transit line and was the project manager for the new Orange Line Extension from Haymarket to Oak Grove in Malden.

A specialist in tunnel systems, he oversaw Orange Line construction, including a tunnel from North Station to Charlestown under the Charles River and Red Line tunneling through Cambridge.

KEVILLE

He also directed the rebuilding of the Green Line and Red Line tracks and tunnels.

A US Air Force veteran of the Korean War, Frank was a member of the Society of American Military Engineers and the Disabled Veterans. He was a member of the Norfolk County Sheriff's Department, the American Legion and the Marshfield Elks.

He was honored as "Engineering Executive of the Year" by the Back Bay Executive Club, an organization of Massachusetts professionals and business leaders. The group singles out an engineer in the region for outstanding professional performance each year. Frank was the first public servant in Massachusetts so honored.

He is survived by his wife, Bernadette; three daughters, Mary Frances, Bernadette, and Christine; and two brothers; James and Thomas.

GARDNER M. BISHOP died on December 15, 1988 after a long illness. He was 66.

Discharged from the U.S. Air Corps after World War II, he immediately found work with Stock Construction Corp. Within a short period of time he decided he wanted a career in heavy construction and through night courses at The College of the City of NY he received his civil engineering degree in 1953 as one of the top members of his class and as a member of the honorary engineering fraternity, Tau Beta Pi.

Shortly after this he joined Slattery Contracting Co. He was Project Manager and Estimator for the firm when he became a member of The Moles in 1962. Gardner served on the Education Committee for several years culminating with the Chairmanship of that committee during the period from 1967/69. He served as a Trustee during the period from 1968/70 and later served three years on the Membership Committee. In the late 60's he formed his own firm doing general contracting work and remained active in that work until he became ill suffering several strokes.

GEORGE W. SHOOK died on December 9, 1988 at St. Luke's Hospital in Bethlehem, PA. He was 64.

George was president of the Bethlehem Steel Export Corp., a subsidiary of Bethlehem Steel Corp., for five years until his retirement in 1983. He spent his entire career with Bethlehem Steel having joined the firm in 1950, after graduating from Villanova University with a civil engineering degree. He became a member of The Moles in 1961 and later was elected a member emeritus.

He is survived by his sons, Timothy S. and Daniel J; a daughter, Katherine A.; a brother John F. and a sister, Julie A.



ANTHONY R. BASTONE died on February 23, 1989 after suffering a massive stroke. He was 63.

Graduated from Columbia College in 1944 completing his studies in Liberal Arts and Pre-Engineering, he served during the latter part of WW II in the Pacific Theatre of Operations as an Officer in the U.S. Navy. After separation from the Navy, he returned to the Engineering School of Columbia University receiving a BS degree in Civil Engineering in 1947.

During the first four years after his graduation, Tony worked on several major heavy construction projects in the greater NY area, first as field engineer and later project engineer. His responsibilities included during that time, construction of highways, bridges, tunnels, river cofferdams, railroad viaducts, storm sewers, box culverts, pile foundations and underpinning.

In 1951 he joined the Griffin Organization and rose through the ranks to become President in 1980 of Wellpoint Dewatering Corporation, the contracting division of Griffin International. From 1983 to the present, he was doing private consulting.

Involved the last thirty years in the analysis, engineering and design of thousands of dewatering systems for a large variety of geotechnical projects, Tony had

JOSEPH F. WALKER died on February 9, 1989. He was 73.

Born in Boston, Massachusetts on October 29, 1915, Joe moved with his family to New York City where his dad worked as a blacksmith on the Water Tunnel.

Joe started his career on the Aquaduct in 1937 in White Plains. He subsequently worked on every Water Tunnel up to the present Tunnel #3. In the interim he worked on the Queens Midtown second Lincoln, Sixth Avenue Subway, the deep shaft at the Grace Mine in Pennsylvania, Blue Ridge summit, Northfield Pump Storage and the Dorchester Tunnel in Massachusetts as General Superintendent.

During WWII he worked for Walsh Construction in the Providence Shipyards and the Air Base at Hamilton, Bermuda.

He is survived by his wife of fifty years, Gertie, five sons; one daughter; thirteen grandchildren; and one great grandchild.



BASTONE

total responsibility for a multitude of notable dewatering projects, a few of which were: Patapsco River Tunnel Approach; both Anchorages of the Throggs Neck Bridge; the World Trade Center Tunnel; both Main Piers of the Verazano-Narrows Bridge and all of the dewatering work at the Plattsburg Air Force Base.

Tony became a member of The Moles in 1962. Other organizations he was active in were: American Society of Civil Engineers; Society of American Military Engineers; the Society of Mining Engineers; and a life member of the Columbia Engineering School Alumni Association. He authored a section of wellpoint dewatering in Elwyn Seelye's book "Foundations: Design and Practice" and had lectured on methods of ground water control for heavy construction. He was a member of the International Society of Soil Mechanics and Foundation Engineering.



JACOB WEGWEISER died on December 11, 1988. He was 81.

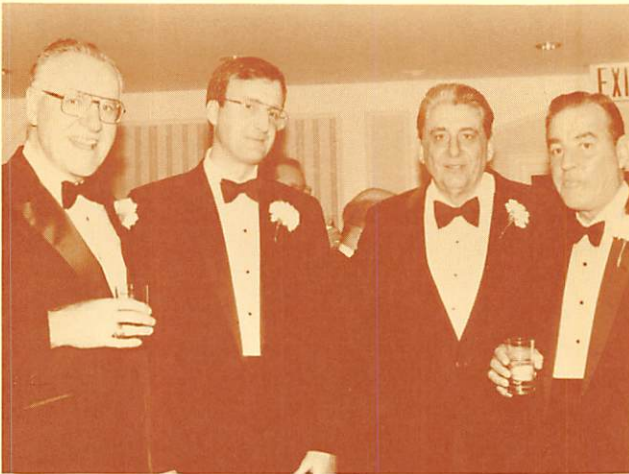
A 1930 civil engineering graduate from New York University, he embarked on a career in heavy construction, joining Mason & Hanger Company. Over the years he worked for many other prominent Mole affiliated firms, including: The Foundation Company, Underpinning & Foundation, Slattery, MacLean-Grove, Walsh Construction, and others doing all phases of heavy construction until his retirement in 1982 from Ford Bacon & Davis, Inc.

During WWII he was an Officer in the Civil Engineering Corps of the United States Navy.

He became a Mole member in 1962. After retirement he moved to a retirement community called Rossmoor in central New Jersey where he and his wife, Daisy continued to be active with the things which are a part of the daily life of a busy retirement community including the theater, art galleries and museums, golf and bowling.



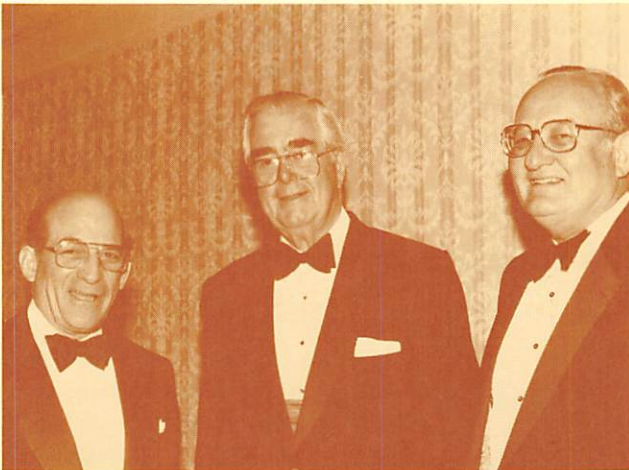
Award Dinner — January 25, 1989



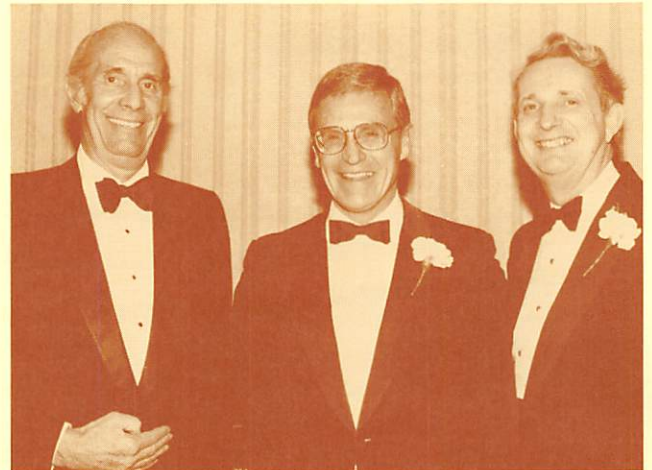
Gerard J. Carty, 1988/89 President of The Moles; Richard P. Lenz, M.D.; Robert C. Koch, Treasurer of The Moles and Kenneth A. Tully, President, General Contractors Association of NY.



MGEN. George E. Ellis, Director of Engineering & Services, United States Air Force; RADM. Benjamin F. Montoya, Commander, Naval Facilities Engineering Command, United States Navy; LT. GEN. Henry J. Hatch, Chief of Engineers, United States Army, C.O.E.



Past recipients renew acquaintance at the Honor Guest Reception prior to the 1989 Award Dinner. Left to right: Charles E. Mergentime, past president and 1987 member recipient; John E. Kenny, 1986 non-member recipient; and John D. Saunders, past president and 1983 member recipient.



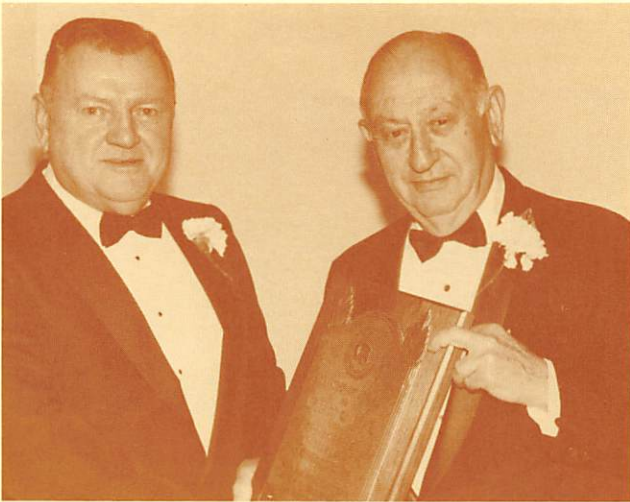
Steve Greenfield (left) 1986 President, Chairman of Parsons Brinckerhoff Inc., chats with David B. Perini, past president, 1984 member recipient (center) and George B. Searle, Vice Chairman Award Committee and President of I. A. Construction.



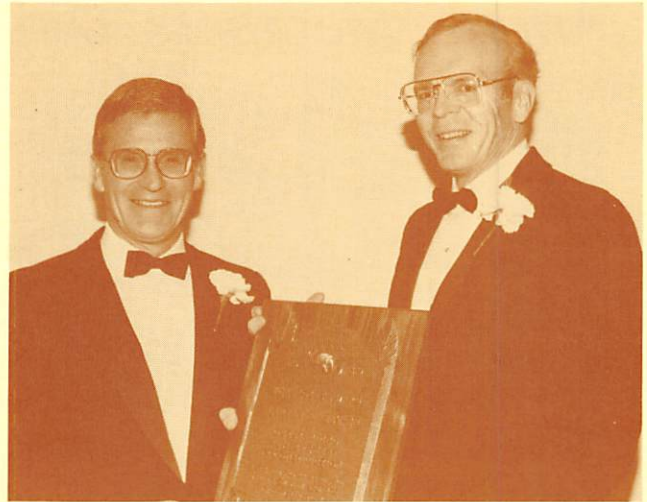
Sherwood E. Liles, III, President of North Star Construction Corp and soon to be President of The Moles chats with Thomas W. Halligan, President of the Beavers and Chairman, Guy F. Atkinson Company.



Forty Year + members renew acquaintance. Daniel M. Lazar, past president and 1972 member recipient chats with old time friend, Paul J. Jones, former Executive Vice President of Moretrench American Corp.



GEORGE A. FOX right presents The Moles "Outstanding Achievement in Construction" Award for 1989 to ROBERT G. LENZ, a member of The Moles at Dinner held at The New York Hilton Hotel in NYC on January 25, 1989



DAVID B. PERINI left presents "The Moles' Outstanding Achievement in Construction Award for 1989" to Non member Recipient, MARTIN K. EBY, JR., at a Dinner held at The New York Hilton Hotel in NYC, January 25, 1989

... THE MOLES CALENDAR OF EVENTS ...

ANNUAL CLAMBAKE

TUESDAY, AUGUST 8, 1989

TRAVERS' ISLAND
PELHAM, NEW YORK

ANNUAL FALL MEMBERS' DINNER

WEDNESDAY, NOVEMBER 8, 1989

NEW YORK HILTON
NEW YORK CITY

AWARD DINNER

WEDNESDAY, JANUARY 31, 1990

THE NEW YORK HILTON
NEW YORK CITY

Have You Moved? Changed Your Affiliation?

PLEASE ...
DON'T GET LOST
IN THE SHUFFLE.
NOTIFY THE MOLES'
OFFICE STAFF!

Thank You For The Hard Hats

The Moles' Education Committee wants to thank all those Mole member affiliated firms who generously donated "hard hats" for the Students' Day field trip this year.

This is a very necessary part of the day.

van Leeuwen heads up Foundations, USA Inc.

RUDI van LEEUWEN, former President of Spencer, White and Prentis, Inc., is now heading up Foundations USA, Inc., with offices in Hackensack, New Jersey. The firm specializes in the design and construction of sheeting systems and cofferdams, tiebacks, underpinning and shoring. Rudi is a veteran with over thirty years experience in heavy foundation work. Shortly after receiving his civil engineering degree in June 1956 from Hogere Technische School in Amsterdam, Holland, Rudi joined Spencer White & Prentis working through the ranks in various positions of responsibility on many of their major foundation projects.

A Mole member since 1971 he has been actively involved in the Association; serving on committees; and in 1988 was elected a Trustee and was appointed Chairman of the Education Committee.

Annual Members' Dinner — November 2, 1989



Twenty-Five Year Members, Annual Fall Members' Dinner, November 2, 1988. Standing: l to r Fred J. Driscoll, Jr., James A. Breen, Robert G. Lenz. Sitting: l to r Leonard E. Van Houten, Reuben Samuels, Charles W. Edgar, Robert J. Maloney.



Student Award Recipients, Annual Fall Members' Dinner, November 2, 1988. Standing: l to r Mauricio Camargo, Lehigh University; Peter Pappas, Bucknell University; Janice Lauletta, City College of NY; Joseph Schranz, Rutgers University; William Fennell, City College of NY; Linda Osiecki, Stevens Institute of Technology; Cadet, James Harrington, U.S. Military Academy. Sitting l to r Eric Grogan, Princeton University; Debra Gerardi, Cornell University; James Hunt, Hofstra University; Kevin F. Clark, New Jersey Institute of Technology; Robert C. Pederson, Columbia University.



Faculty Representatives, Annual Fall Members' Dinner, November 2, 1988. Standing: l to r Maj. Harold Leeman, U.S. Military Academy; Dr. Ronald J. Alvarez, Hofstra University; Prof. Robert J. Brungraber, Bucknell University; Prof. Walter Konan, New Jersey Institute of Technology. Sitting: l to r Prof. Christian Meyer, Columbia University; Prof. Gerald Palevsky, City College of NY; Dr. Robert Daniel, SUNY at Farmingdale.



Old friends renew acquaintance at November 2, 1988 Annual Fall Members' Dinner. Left to right: James Kerr, John Donargo, Robert Rubin and Howard Gould.



Leon Levy (left) Chairman Urban Substructures, Reuben Samuels past president and 1988 member recipient, President, Crimmins Constructors, Melvin Febesh, President Urban Substructures with Jack T. Walle retired from Thomas Crimmins Contractors.



Victor B. Hertslet (left) retired Vice President of the Arundel Corp., and Howard R. Gould, 1968 President of The Moles and former Vice President of Spencer, White & Prentis enjoying themselves at the Annual Fall Members' Dinner.



Norman Nadel, past president, 1985 enjoys renewing old acquaintance with Alfred C. Maevis, former Commissioner, NYC Public Works and Martin M. Cooper, consultant and former Board of Water Supply engineer.



William Goodman (left) chats with Eugene Gibbons (center) and guest of the Education Committee, Dr. Ronald Alvarez from Hofstra University at the Annual Fall Members' Dinner at New York Hilton.