

NEWS BULLETIN

AN ASSOCIATION OF INDIVIDUALS



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

HOLING

THROUGH

NOVEMBER, 1987

ROBERTS and SAMUELS selected for 1988 Outstanding Achievement Awards



RICHARD H. ROBERTS



REUBEN SAMUELS

On Wednesday evening, January 27, 1988 The Moles will accord their highest honor, the "Outstanding Achievement in Construction" Awards to RICHARD H. ROBERTS, Executive Vice President and Chief Operating Officer of Granite Construction Company headquartered in Watsonville, California and REUBEN SAMUELS, President of Crimmins Constructors, Inc., headquartered in New York City. They are the forty-eighth pair to receive these Awards. Mr. Roberts, Non-Member Recipient and Mr. Samuels, Member Recipient will be honored at The Moles' Annual Award Dinner to be held in NYC at The New York Hilton.

RICHARD H. ROBERTS was born in Sacramento, California on November 19, 1925. He served with the Corps of Engineers, stationed in Europe during 1943 through 1946. He is a 1949 Civil Engineering graduate from the University of California at Berkeley. Following graduation, Dick Roberts went to work for the California Division of Highways as an inspector and was promoted to Resident Engineer in

(Continued on Page 2)

REUBEN SAMUELS was born in Suffern, New York on January 11, 1926. He attended Massachusetts Institute of Technology during 1943/44 and received a BSCE Degree from Dartmouth in 1946. In 1948 he received his Masters from Harvard.

Prior to the formation of the new company, Crimmins Constructors Inc., (see page 8) Rube had served the Thomas Crimmins Contracting Company

(Continued on Page 2)

Richard H. Roberts

(Continued from Page 1)

1950. Joining Granite Construction Company in 1951 as an estimator and project superintendent, he was promoted to Manager of their Highway Division in 1954. From 1956 through 1979 he served as Manager of the firm's Engineering Construction Division and in that position he played a principal role in building the company's annual revenue from \$10 million to \$340 million. He was made a Vice President of the company in 1968 and subsequently became President of the Engineering Construction Division in 1979. During 1983 he was promoted to the position of Executive Vice President and Chief Operating Officer of the company with the responsibility for the operations of all divisions.

Dick was the primary force behind Granite, then a major highway builder in California, they became active in heavy civil construction throughout the United States. A few of the major projects to their credit are: DuPont Station for the Metro in Washington, D.C.; Lock E on the Tombigbee for the Corps of Engineers in Mississippi; Ridgeway Dam for the Bureau of Reclamation in Colorado; hard rock tunnels for the Metropolitan Atlanta Rapid Transit Authority; Van Norman Dam for the Los Angeles Water and Power and others.

Dick Roberts is a past President of The Beavers in California and received their Golden Beaver Award for management in 1986.



Award Presenters

THOMAS W. HALLIGAN, Chairman and Chief Executive Officer of Guy F. Atkinson Company and GEORGE J. TAMARO, Partner, Mueser Rutledge Consulting Engineers were selected to present the 1988 Awards for "outstanding achievement in construction". Tom will present the Non Member Award to Dick Roberts and George will present the Member Award to Rube Samuels.

Reuben Samuels

(Continued from Page 1)

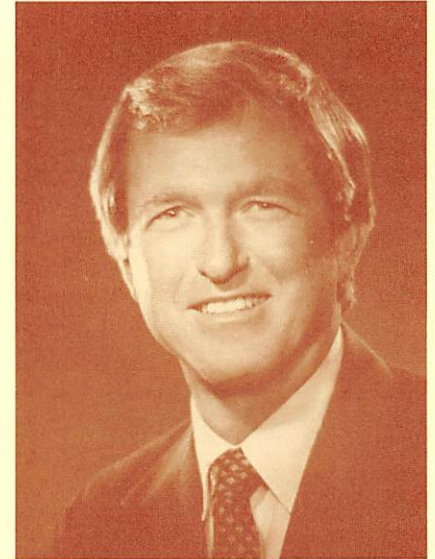
since 1950 except for three years 1951/54 when he returned to Harvard and was a doctoral candidate and teaching assistant to Professors Terzaghi and Casagrande. Rube began his career and served two years (1948/50) with Moran, Proctor, Freeman & Mueser as a Soil and Foundation Engineer. For Crimmins he had important positions ranging from Chief Engineer, Executive Vice President and Vice Chairman and Chairman of the Board.

Rube's professional experience covers all phases of complicated heavy construction. He is considered an expert in the area of foundations, soil and rock; and is called upon regularly to discuss feasibility and construction methodology for the construction of major projects as well as remedial work to existing structures; and has lectured nationally on these subjects. Rube has been in responsible charge of construction of subways, both open cut and tunnels; deep foundations; close quarter rock construction; underpinning and a variety of complex building foundations. He is often called as a consultant to other consulting engineers, and to owners and agencies.

Rube became a member of The Moles in 1963 and was immediately pressed into service as a Member of the Education Committee. He served on several "special committees" then, Secretary; Second and First Vice President culminating in the Presidency in 1973.

He served as President of the Harvard Engineering Society and the Dartmouth Engineering Society; and in May of this year was named a Sylvanus Thayer Fellow for his contributions to the school. Active in professional organizations he is a Fellow of the ASCE; a member of the National Committee on Deep Foundations; and is a past Chairman of the U.S. National Committee on Tunneling Technology/National Academy of Science.

Award Chairman



G.W. (BILL) GILFILLAN, Executive Vice President of Morrison Knudsen Corporation and President and Chief Operating Officer of its wholly owned Morrison-Knudsen Company, Inc., directs the activities of the Award Committee for the 1987/88 year.

Bill is a 1960 civil engineering graduate of Sacramento State; and has over thirty two years of construction/engineering experience. He began his career with M-K part time while attending school and worked as Rodman/Chainman, Instrumentman, and Assistant Engineer for various projects. After graduating from 1960/68 he served in various positions including Field Engineer, Project Engineer and Project Manager in Montana, Wyoming, Florida and North Dakota. In 1968 he was made Project Manager on the \$7.9 million Nuclear Power Plant Work Project at Vernon, Vermont. From October 1969 to March 1972 Bill served as Project Manager/Resident manager on the \$137.8 million Safeguard Ballistic Missile Defense System Facilities Project at Langdon, North Dakota. He was made a Division Manager and in January 1973 he was selected as Vice President and was responsible for the overall direction and operation of the company's construction specialty divisions including the Underground, Building, Mechanical and Aerospace Divisions.

His responsibility increased as he continued to rise with M-K through the positions of Subsidiary President, Group Vice President, Executive Vice President to his current position as President; and Executive Vice President of the Parent Company.

**AWARD
DINNER
JANUARY 27, 1988
THE NEW YORK
HILTON HOTEL
NEW YORK CITY**

Honorary Member Dead At 76



LOWELL S. DILLINGHAM died of a heart attack on August 14, 1987 in Honolulu, Hawaii. He was 76.

Mr. Dillingham was former Chairman of the Dillingham Corporation, the successor to a land, construction and transportation empire founded by his grandfather in 1889. The Company whose revenue totaled \$1.5 billion in 1982 was sold to a private investment group in 1983 for \$347 million. He also served on the boards of Pan American World Airways and Bank America Corporation among others.

In 1961 he formed the Dillingham Corporation by engineering the merger of two old-line family concerns, the Oahu Railway & Land Company and the Hawaiian Dredging and Construction Company.

At the time of his death he was Chairman of the newly renamed Dillingham Shimizu Construction Company which included some of what had been the Dillingham Corporation's Hawaii operations and is partly owned by the Shimizu Construction Company of Japan.

An Honorary Member of The Moles, Mr. Dillingham had received The Moles' 1969 Award for Outstanding Achievement in Construction.

ASCE's Kapp Award to Tamaro

GEORGE TAMARO, Partner, Mueser Rutledge Consulting Engineers, received the ASCE's 1987 Martin S. Kapp Foundation Engineering Award on October 26 as part of that Society's Annual Convention at the Disneyland Hotel in Anaheim, California.

George's career at the Port Authority of New York & New Jersey began from the lofty heights of the towers of the George Washington Bridge and descended gradually to the foundations of the World Trade Center. At the invitation of Ray Monti, then construction Manager for the World Trade Center, George accepted an assignment to supervise construction of the World Trade Center slurry walls. During that period of work on the WTC foundations, George worked directly with Marty Kapp on a day-to-day basis. The assignment led to other assignments at the PA involving foundation engineering and an eventual acceptance of employment with ICOS Corporation of America. At ICOS he became increasingly more involved with the design and construction of complicated slurry wall foundations. While at ICOS, George designed and conceived of a slurry wall reinforcing system consisting of soldier beams and reinforced concrete panels. He was awarded four U.S. Patents and one Canadian Patent for the system.

In 1980, George joined Mueser Rutledge where he now serves as a Partner. He has specialized in the design of heavy underground structures and is most proud of his role as Partner-in-Charge of the design and construction inspection of the foundations for the World Financial Center in Manhattan where two deep slurry wall building basements were constructed in the Battery Park City landfill directly across the street from the World Trade Center. He currently serves on a world-wide basis as a consultant on the design and construction of slurry walls and slurry trenches, as well as tiebacks, sheeting bracing and underpinning.

DR. RALPH B. PECK, an honorary Member of The Moles and an Honorary Member of the ASCE will receive, at this same time, the John Fritz Medal one of the engineering profession's most prestigious awards. Dr. Peck is one of the world's leading geotechnical engineers. He has won numerous ASCE prizes over the years including the 1986 President's Award.



ALLEN D. FISCHBACH died suddenly on July 23, 1987 at Highlands, North Carolina. He was 69.

Born July 26, 1917, Allen received his education at Cheshire Academy and Rensselaer Polytechnic Institute.

He began his career in construction as an apprentice electrician in Local 501 of the International Brotherhood of Electrical Workers, transferring his card to Local 3 in New York City in 1939 and subsequently completed their journeyman course of study. Except for service in the United States Army Air Corps (1942-1945) he had served Fischbach & Moore, Inc., the company founded by his father, Henry F. Fischbach since 1940. After discharge from the U.S. Army Air Corps in 1945 he returned to Fischbach & Moore and over the years worked toward establishing the firm as a truly broad-based international construction company. Heavy construction projects in all parts of the world included tunnels, dams subway systems and defense structures. With annual sales in excess of \$1 billion, and 12,000 employees, Fischbach Corporation (the Holding Company formed in 1980) is today, a leader in its field. At the time Allen retired in 1982, he held the position of Vice Chairman of the Board and Consultant.

A former Trustee and Trustee Emeritus of Manhattan College, a memorial fund has been created at Manhattan College to honor him.



25 - YEAR MEMBERS



Thirty-two members received their 25 Year Certificates on November 4 at the gala fiftieth anniversary celebration of The Moles. Not all were present, however, we list all their names with brief bios and some reflections they had on their affiliation with The Moles.

WILLIAM A. ABRAHAMSON was Eastern District Manager for Morrison-Knudsen Company, Inc., when he became a member of The Moles in 1962. Later he moved to El Paso Texas and became a Vice President with C.H. Leavell & Company. Bill currently resides in Dallas.

RONALD C. BALDWIN had been affiliated with Ingersoll-Rand Co., for 26 years when he became a member. He currently resides in Austin, Texas.

ANTHONY R. BASTONE was affiliated with Griffin Wellpoint & Dewatering when he became a Mole member. He had been with that firm since 1951 having already had several years of heavy construction experience before joining them. He remained there until the company was sold. During his over thirty years affiliation with Griffin he was involved in the analysis, engineering and design of thousands of dewatering systems for a large variety of geotechnical projects. Tony had responsibility for a multitude of notable dewatering projects, a few of which are: The Patapsco River Tunnel Approach; both Anchorages of the Throggs Neck Bridge; the World Trade Center Tunnel; both Main Piers of the Verrazano-Narrows Bridge and all of the dewatering work at the Plattsburg Air Force Base. Currently Tony is a consultant for Naclerio Contracting Company. Tony has lectured and authored several papers on wellpoint dewatering and is a member of many prominent professional associations.

JACK J. BURKE since becoming a member of The Moles in 1962, sponsored by Mansell MacLean has traveled worldwide for the Gardner-Denver Company. Varied assignments have necessitated moves to Philadelphia, New York, Texas and now Roanoke, Virginia. During this time, many new developments have occurred in the Industry and required constant changes in methods and equipment. Jack's current position with Gardner-Denver as General Sales Manager has allowed him to maintain an ongoing

relationship with many of The Moles' members both in the United States and Canada. Meetings and committee work have strengthened these friendships and Jack says, *"In the twilight of my career, I can not only look back, but look forward to a continuance of this relationship, and our meetings and programs will enhance my future to come. With additional time available, I will spend most of it traveling, playing golf and trying to be of assistance whenever and wherever possible to our membership"*.

HOWARD R. BURROUGHS was born in New York in 1917 and served in the Pacific Theater with the Seabees during World War II. During forty active years in the Industry Howard was involved in heavy construction projects in Italian East Africa, Egypt, Tel Aviv, Anglo Egyptian Sudan, Venezuela, Saudi Arabia, The Emirates, Liberia, Taiwan, Philippines, Italy, Vietnam, England, Jamaica, Bermuda, Newfoundland, Baffin Island, Labrador and Puerto Rico. Howard retired in 1980 to Vero Beach, Florida and says he has made a point not to travel since. A member of the Vero Beach Country Club he and his wife Connie can be found there most every day. When not playing golf he spends time reminiscing about old friends from The Moles and those he worked with overseas. Howard occasionally serves as an arbitrator on construction disputes in the southeastern Florida area.

G. ROBERT COMPTON, JR. began his career with McKiernan-Terry Corp. (later to become MKT Corporation) as a Sales Trainee in 1950 and rose through the ranks to Executive Vice President, retiring in 1986 as President & Chairman MKT Geotechnical Systems. He became Executive Director of Deep Foundations Institute on December 1, 1986. His assumption of compensated responsibilities for DFI culminated many years of voluntary service. He was a member of the 1974 Ad Hoc Committee, assembled by, among others, Mole members, Hal Hunt, Jack Dougherty, Dick Goettle and Bill Loftus to examine the rational for and the feasibility of an international organization, open to all participants, and dedicated to the improvement in the techniques employed in deep foundations construction. He served 3 three-year terms on its Board of Trustees and in 1980

became its third President. Bob has been an active participant in the Construction Industry Manufacturers Association, the Associated Equipment Distributors and the American Road and Transportation Builders Association. He and his wife, Jeannie, live on the shores of private Lake Perona in Sussex County, N.J. They have five adult daughters, four of whom are two sets of twins. Their sixth and youngest child is a boy who is now studying at the University of Salamanca, Spain.

ALBERTE. DOWNES was a Sales Representative for Alpha Portland Cement working with heavy construction contractors in the Metropolitan Area in 1962. Later he was affiliated with Lord Electric Company and most recently with North Star Electric Contracting - NYC Corp.

JACK E. DOWNEN was Construction Manager of the Eastern Region of Atlas Powder, then Atlas Chemical Industries when he became a member. He worked with the major contractors all over the U.S. on many major projects including Panama Canal, Niagara Power Project and Glenn Canyon Dam. Later he became involved in the administrative end of the firm as Vice President of Marketing. Prior to his recent retirement he served as legal liaison and was responsible for compliance and regulatory matters and safety. Jack lives in Rockwall, Texas and serves as a consultant.

HERBERT E. FLETCHER is a 1948 Civil Engineering Graduate from Lehigh University. When he became a member of The Moles he was President of H.E. Fletcher Co., West Chelmsford, MA.; engaged in quarrying and fabrication of granite for tunnels, bridges, piers, highways and buildings in the New England and Mid Atlantic states remaining with that company until recently. He is currently engaged as an engineering consultant in the granite industry and precast concrete retaining wall systems. His hobbies are golf, fishing and hunting and Herb travels extensively in pursuit of these sports.



25 - YEAR MEMBERS



VINCENT S. FOX was with the consulting firm of Fredrick R. Harris when he joined The Moles. The oil industry was beginning to boom and Harris was involved in some great projects at Kuwait, Libya, Kharg Island, Bantry Bay and the like. He was Senior Vice President & Director when he left this firm in 1970 to become a principal in John J. Kassner & Co., Inc., where he is currently engaged in highway rehabilitation programs in New York, Connecticut and Pennsylvania plus a broad spectrum of engineering and architectural projects. A resident of Garden City, NY, Mr. Fox is just a short commute to the firm's office in Lake Success. His leisure is spent keeping an Adirondack Camp in repair.

ARTHUR J. GOLD was an executive with Underpinning & Foundation Co., in 1962. He retired in 1977 and was subsequently elected a member emeritus.

DAVID H. GRIFFIN was President of Griffin Wellpoint Corp., when he became a member of The Moles. The firm founded by his Dad, the late Timothy G. Griffin (also a Mole member) specialized in the control of groundwater in construction projects and was sold in 1982. Since that time, Dave is President of Griffin Technics, an ozone equipment manufacturer engaged in pure water systems with particular emphasis to municipal water systems, industrial process water applications and research in other fields. Dave says, *"funny how brief 25 years are after the fact vs. living through each year for 25 years"*. He thanks The Moles for the many great friends he has made and for those many wonderful memories. Dave served as a committee member and during the period from 1970 through 1972 he was a Trustee of The Moles and an active participant in its functions for many years.

LOUIS W. HALL was a Vice President and Manager of Construction for Turner Construction Company when he became a member of The Moles. He is a 1935 Civil Engineering Graduate of Rensselaer Polytechnic Institute. Retiring from Turner in 1980, he incorporated as a construction management consultant and has since had a series of remarkable clients that have been a pleasure to serve. Lou says,

"its an educational experience for me to observe the contracting scene from the Owners' point of view." During Lou's active days in The Moles he served them well, as Committee Member, Treasurer, Trustee and Chairman of the Finance Committee. Lou still resides in the same home he has had in Scarsdale for the past thirty years *"too difficult to pull up stakes and move even though another situation might be more appropriate"*. While he travels occasionally, he finds most of his time is spent doing his consulting work and the never ending chores maintaining his home.

THOMAS W. HALLIGAN began his career with Walsh Construction Company, a division of Guy F. Atkinson Company, in 1946 and has served on many major construction projects including the NATO Air Bases in France and the \$365 million Spanish Air Base Program for the U.S. Navy in Madrid. During his 41 Years of service he has steadily risen in the Executive ranks and currently serves as Chairman and Chief Executive Officer of Guy F. Atkinson Company. Tom and his wife Mary now reside in Los Altos Hills, Ca.

JAMES E. HALPIN served in the U.S. Air Force from 1942/45 and from 1946/71 was affiliated with Transit Mix Concrete Corp. and William J. McCormack Sand Co. He held various positions with both companies until becoming Vice President of Technical Sales in 1960. During the period from 1971 to 1984 when he retired he was Vice President of Certified Testing Laboratories of NY & NJ. He is currently active as a Concrete Consultant. He is currently a Member of the Board of Directors of the Concrete Industry Board; Committee Member of the American Concrete Institute Certification Program for Concrete Field Testing Technicians; Chairman of the Concrete Industry Board Golf Outing; and enjoys visiting Fellow Mole and father-in-law, Al Rees in Margate, Florida and his children and grandchildren. Jim is an avid golfer and can be found in the very early morning at the Hempstead Golf Club on Long Island. He resides with his wife of 45 years in Manhasset, NY their home for 38 years.

HAROLD N. HOCKENSMITH was a Vice President with Brown & Root Inc., when he became a member of The Moles. He had been employed by that firm since discharge with the rank of Lt. Colonel in 1947 from U.S. Army C.O.E. He received his Civil Engineering Degree from the University of Alabama in 1936. After his retirement from Brown & Root as Senior Vice President in 1972, he accepted the position of Executive Vice President at The Merit Shop Foundation Ltd., a subsidiary of the Associated Builders and Contractors, a Foundation dedicated to enhance the national image of the open shop construction industry. While with B&R, Mr. Hockensmith was responsible for many major projects both overseas and in the United States. He was awarded the Rank of Commander in the Order of Isabel presented by the Government of Spain. He is a resident of Houston, Texas.

HUBERT F. KARCHER was a General Superintendent of Construction for the firm of Tully & DiNapoli, Inc. After retirement, he and his wife moved around the country and currently they spend five months in the Adirondack Mountains and seven months in Florida. They both enjoy good health.

JAMES J. KERR is a 1949 graduate civil engineer from New York University. When he became a Mole member in 1962 he had been employed by Spencer, White & Prentis, Inc., for several years in charge of their field work. Jim left SW&P in 1982 to found Kerr Construction Inc., he was at that time Senior Vice President of the firm. For the past five years Kerr Construction has been performing sub-surface work specializing in underpinning, sheeting, bracing and tiebacks throughout the United States and to date have completed projects as far west as Denver under Jim's leadership. A few of the more notable projects are: underpinning of the State Capitol in Hartford, CT; a \$5,000,000 project in Charleston, West Virginia installing 1,000 permanent tiebacks reinforcing on existing retaining wall; a soldier beam concrete plank permanently tied back wall in Smoky Slide, Tennessee; and at present they are completing work on a large design construct retaining wall for the Duke Power Company in South Carolina. Jim lives in Harrington Park, N.J.

(Continued on Page 6)



25 - YEAR MEMBERS



RICHARD W. LOUGHNEY, President of Loughney Dewatering, Inc., is a BSCE graduate of the University of Pittsburgh and an M.S.C.E. graduate of Harvard University. He has been responsible for the dewatering and soil stabilization of construction projects throughout the United States and Canada since 1950 and has co-authored technical papers; and participated in many seminars with regard to the "practical application" of dewatering. About a decade ago Dick formed Loughney Dewatering Inc., headquartered in Baldwin, NY. The firm specializes in Dewatering, Soil Stabilization and Environmental Remedial Systems and has completed major projects throughout the U.S., Canada and overseas.

STANLEY MERJAN is a Vice President of Underpinning and Foundation Constructors Inc., a firm he has served for the past thirty-two years. Stan manages their pile driving projects. He holds a number of patents for the TPT Composite Piling System which are a featured product of UFC. Over the years, Stan has served The Moles on the Education, Membership and Award Committees and during the period from 1983 through 1985 he was a Trustee. Other organizations he participates actively in are the ASCE, NSPE, ACE and the DFL. Stan is an avid tennis player and claims traveling and photography as his hobbies. Stan and his wife Florence reside in Port Washington, NY.

R.M. (Ray) MONTI, Director of Engineering & Chief Engineer of the Port Authority of New York and New Jersey was Resident Engineer for that Agency at the construction site of the P.A. Heliport & Exhibit Bldg., at the New York World's Fair when he became a member of The Moles. He was later assigned as Construction Manager of The World Trade Center which earned him ENR's Man of the Year in 1971. In 1972 he was appointed to his current position. Ray says, "It has been a professionally exciting time and the near term construction future at the P.A. is the most exciting since its creation." "For a 'Mole' it's like having a choice of many juicy fields to venture into and dig, burrow and build, happy as a 'Mole' stomping in the mud". — Also to quote him again, "I have always considered myself privileged and honored that I was admitted

to membership in The Moles at a relatively early age. I have enjoyed my membership, the comradeship and personal and professional friends, I have made through The Moles in the last twenty five years. I, hopefully, look forward to years of continued active participation in our organization".

COL. CLAYTON E. MULLINS, USA (Ret.) received a BSCE in 1933 from the United States Military Academy and in 1938 received an MSCE from Massachusetts Institute of Technology. When he became a member in 1962, he had been affiliated with Atlantic Refining for many years serving with their Engineering and Construction Division as Manager. He worked with several Mole affiliated contractors in this capacity including J. Rich Steers and Merritt Chapman & Scott. Colonel Mullins spent some time in England serving as Manager of Construction of Atlantic U.K., a subsidiary of Atlantic Richfield. When he returned to the States he moved to Columbus, Ohio where he currently resides. Colonel Mullins and his wife travel extensively. He recalled over the telephone in a conversation with the Executive Secretary that the last Award Dinner he attended was in 1982 when Bob Fluor received The Moles' Award. It was only at the organization's suggestion that he became a member emeritus in 1984 to make room for a younger member. The Colonel is nearing his 80th birthday now.

FRANCIS X. MURPHY was a Project Manager for Raymond International at the time of his election to The Moles in 1962. He supervised heavy construction operations on the U.S.A.F. base at Torrejón, Spain; the Lamco Ore Mining Complex in Liberia and the Alcoa Bauxite Facilities in Jamaica. From 1964 to 1975 he was Managing Partner for Construction Specialists Ltd., a heavy construction firm based in Kingston, Jamaica. Major projects included the reconstruction of

the Montego Bay Airport facilities; the dredging of Hermitage Dam and the construction of the Antilles Seafood processing facilities in Kingston. In 1976 Frank formed Construction Development Corporation based in Nashville, Tennessee acting as construction managers for major banks and financial institutions holding commercial as well as real estate problem loan portfolios. When he sold Construction Development Corporation in 1985 he joined Akly and Associates of Atlanta, Georgia an engineering and construction firm specializing in commercial and residential development where he is currently serving in an executive position.

EMIL M. ONDREY joined Michael J. Torpey, Inc., after graduating from the University of Pittsburgh where he earned a BSCE in 1938. He became President of the firm in 1965. The firm primarily worked as sub-contractors doing excavation for subways, housing projects, the Chase-Manhattan Plaza, World Trade Center and Cross-Bronx Expressway. Although still active in the company, he admits to spending a good deal of time, golfing and boating in Jupiter, Florida and here in the east.

MAJ. GEN. WILLIAM E. POTTER, USA (Ret.) had already had a distinguished military career when he became a member of The Moles in 1962 retiring after 32 years of service in 1960. Immediately after that he became Executive Vice President of the New York World's Fair Corp., and served as senior assistant to Robert M. Moses who headed that agency as its President. In 1965 General Potter joined Walt Disney Productions retiring in 1973 as Senior Vice President of Walt Disney World. He engaged in consulting services in Florida during the period from 1973 to 1985. Since then except for one contract with a local firm he concentrates on his golf game and visits when possible his daughter and grandchildren in Hawaii. He has two daughters and six grandchildren all but two through college.



25 - YEAR MEMBERS



GUS F. RATHERT spent thirty years in heavy construction starting as an equipment operator advancing to foreman, superintendent, and project manager. He was employed primarily by Morrison-Knudsen Co., and Foley Bros.; and completed work ranging from dams, airports, highways and railroads. Retired for a number of years, Gus lives in Modesto, California and enjoys hunting, fishing, skeet shooting and training Labrador Retrievers.

RADM. GEORGE REIDER, CEC-USNR (Ret.) long time veteran in the construction industry has held responsible positions with several Mole affiliated firms and been involved with numerous major heavy construction projects along the way. George is very proud *"of having the privilege of becoming a Rear Admiral in the US Navy Civil Engineer Corps and to have commanded the Reserve Naval Construction Forces"*. Another pride he has is that *"his career has been enhanced and made more meaningful by being a member of The Moles and enjoying the friendship that exists in this very fine organization."* George has served The Moles as Committee Member and Trustee and is an active participant in all The Moles' meetings and functions. At the present time, George heads a group of semi-retired engineers, project managers and construction executives operating under the name of Constructibility Consultants Ltd.

SPENCER W. THOMPSON worked for The Foundation Company until they were dissolved in 1963 as a Project Manager. Later he worked in the Grand Bahamas; went with Walsh Construction Company and was on several joint venture projects and more recently he served with Gaice, Inc. Retired now, he spends his leisure time traveling.

MICHAEL J. UCCI has spent the last twenty-five years in a number of Senior Executive Positions in the Material Handling (crane, hoists, derricks) and Marine Fabrication (steel tunnel tubes, pier forms, barges) Divisions of AMCA International Corp., and its predecessor firms. He currently serves as a Vice

President with AMCA. His activities involve interfacing with many fellow Moles on heavy construction projects worldwide. To name a few of the prominent projects, Mike has been involved with the Guri Dam, Fort McHenry Tunnel, World Trade Center, and the East 63rd Street Tunnel. Mike will conclude a forty year career in this field with the same companies in mid 1988 at which time he and his wife Barbara will spend some time improving their golf game and leisurely traveling. Mike will also then be available for consultation opportunities if they become available in his area of expertise. Mike has served The Moles for many years as a Committee Member, Chairman of the Publicity Committee, Trustee for three years and is currently serving as Secretary.

GEORGE A. VOGEL was District Contracting Manager for American Bridge Division, U.S. Steel in NYC when he became a member. He moved to Pittsburgh in 1968 where he served as Assistant General Contracting Manager until his retirement in 1972. Since retirement he and his wife of 52 years have lived in Sarasota, Florida enjoying all the activities that the area offers. George has *"many fond memories of NY and The Moles dinners and outings and his participation with many Mole members on Major projects such as the Tappan Zee, Throggs Neck and Verrazano Bridges to mention a few."* He *"enjoys the bulletins and correspondence from The Moles and reads them cover to cover, looking for familiar names."* *"To all the Moles he shook hands with in Albany, Hartford, Trenton, Harrisburg, and New York many thanks!"* He *"salutes all his fellow classmates of 1962 and rejoices with them in receiving the certificate of longevity"*.

ELWOOD P. VROOME was affiliated with J.C. MacElroy Co., Inc., from 1951 to 1970. He joined the firm after graduating from Lehigh University. In 1971 Woody formed his own company, namely, Engineered Metals and Machinery Co., Inc. (Emmco, Inc.) and has built it into a national concern with clients from Alaska to Puerto Rico, serving projects all over the world. Along with his home, Emmco

Inc., is headquartered on four acres on Bass River in New Gretna, NJ. Woody served The Moles as a Committee Member, Vice Chairman and Chairman of the Program Committee. He also served as a Trustee during the period from 1969 through 1971.

JACOB WEGWEISER was Chief Estimator for The Foundation Company when he became a member in 1962 and had experience on all sorts of heavy construction including foundations, power plants, marine construction, bridges and tunnels. In 1963 he joined Ford, Bacon & Davis, Inc., traveling extensively throughout the country first as a staff engineer and later as a consultant on industrial projects and railroads, until his retirement in 1982. Jack and his wife Daisy reside in Rossmoor, a community built around an 18 hole golf course in Jamesburg, NJ. They do considerable traveling and hope to continue to expand their horizons.



D.J. CARROLL COPPS died on July 12, 1987. He was 81.

A member of The Moles since 1962 he had represented Atlas Powder Company for many years until 1958 when he became Vice President & General Manager of Olin Mathieson Chemical Corp. After his retirement, he became a Member Emeritus in 1967. Mr. Copps was a long time resident of Hilton Head Island, South Carolina.



● EDWARD COHEN has been named Engineer of the Year by the New York State Society of Professional Engineers for his work on three historic restorations: the Statue of Liberty; the Roebling Bridge in Highland, NY; and the west face of the U.S. Capitol building. Ed is Chairman and CEO of Ammann & Whitney Consulting Engineers, NYC.

Yonkers Contracting Company acquires Crimmins, 139 Year prominent foundation Contractors

Yonkers Contracting Company, Inc., recently announced the formation of a new company to continue the 139 year tradition of performance of difficult foundation and heavy construction contracting of the Thomas Crimmins Contracting Company.

Mole member and Yonkers Contracting President, CARL E. PETRILLO stated *"The resources of Crimmins' unique and vast experience in large and difficult underground work in New York and elsewhere, combined with Yonkers equipment fleet and financial strength will provide Owners, CM's, and Developers with an ideal Contractor for their projects"*.

Most of New York City's major post war office buildings stand on Crimmins-built foundations. They include the Park Avenue Office Buildings over Grand Central Terminal and track area; 1 and 2 Penn Plaza Office Towers; and Madison Square Garden. Crimmins designed and performed all the underpinning and shoring, and built the support structures needed to complete those difficult projects. The new company, Crimmins Constructors, started work on the foundation for a new office building at 712 Fifth Avenue, to be built around landmark structures on the site, and will begin construction for several other office towers in the next few months.

Mole member and Crimmins President, REUBEN SAMUELS said *"The association with Yonkers Contracting forms a new force in New York foundation construction that will allow us to provide owners of significant and difficult urban projects with expanded capabilities"*.

Crimmins, offers Owners and their Architectural and Engineering Consultants valuable ideas during the pre-design phase for making projects feasible. Their recommendations extend to budgets and economies of design and feasibility for complex foundations, close-quarter rock blasting, underpinning, dewatering, sheeting, excavation and subway connections and improvements. Yonkers Contracting, the Nation's 15th largest heavy contractor, with annual contracts totalling about

\$300 million, is constructing the \$60 million home port for the USS IOWA and six frigates for the US Navy on Staten Island; a \$100 million renovation of the Park Avenue Transit Tunnel for the Metropolitan Transportation Authority; two major sewage treatment plants in Brooklyn; and numerous highway and bridge projects.

The new entity, Crimmins Constructors, will operate as a wholly owned subsidiary of Yonkers Contracting Company, Inc.

Education

Committee

Activities

Our thanks to REMY PAPP and MARK MCGOWAN who made presentations on behalf of The Moles at the University of Connecticut at Storrs and Hofstra University on Long Island to Student Award Recipients, James R. Triano and Giuseppe Fuduli during the month of September. Other recipients are: John M. Nicholich - Stevens Institute of Technology; Trent L. Dreese - Bucknell University; Edward Dudek - Cooper Union; Rick Zarkos - Columbia University; Glen Johnson, SUNY at Farmingdale; Pamela Carolan - Rutgers University; Gary Van Alstyne - Union College; Christopher O'Donnell - SUNY at Delhi; William Fennell - City College of NY; Matthew A. McHugh - Cornell University; and Paul B. Walton - Rensselaer Polytechnic Institute. A total of 13 Awards have been given for the 1987 year thus far.

Many of these Students were present at a reception and meeting which was held prior to the Annual Fall Members' Dinner on November 4th as guests of the Education Committee.

More about that Dinner will appear in our next issue of Holing Through.

Annual Clambake 1987

Nearly Seven Hundred Mole Members and Guests attended The Moles' Summer Outing held on August 4 at Travers Island in Pelham, NY. From all reports, everyone attending had a really great day. The weather was great; the food was super; and the highlight of the day was the commemorative golf jacket given to each attendee.

The Wheel of Fortune Drawings held at 2:30 and 4:30 attracted a large crowd and fine cameras were awarded to John Macklin a guest of the Crimmins group and Jay Davidson a guest of Massman Construction. There were many other prizes awarded for events which took place during the day including: Tennis, Bocci, Spike Driving, Golf pitch to pin, horseshoe pitching and spike driving contests. Ten Door Prizes were drawn and awarded that evening.

The Softball Game as always attracted many spectators and for the third consecutive year, the consultants defeated the contractors by a score of 12 to 5. Umpire Charlie Molineaux was hit in the mouth by a foul tip. Sorry Charlie! Charlie Mergentime again served as Captain for the Contractors and Rick Burnham was captain for the Consultants.

Chairman of the Program Committee, FRANK GREGORY along with Vice Chairman, A.J. (JACK) ELY and Committee Members: WILL ACKER, III; JIM ARMITAGE; CHARLES HARRINGTON; BILL HUGHES, JR.; BOB JENNY; DON MINER; CHARLIE MOLINEAUX; BOB RYAN; and DON UNBEKANT are to be congratulated on organizing a fine day for everyone. If you are one of the Members who did not attend, perhaps you will want to make a special effort to come out in '88. The date has been approved for Tuesday, August 2.

Special thanks to JACK T. WALLE for lettering the "WELCOME SIGN" with all the names of the Program Committee Members and to DON MINER for having a new Map of the Grounds done so everyone could see where the events were taking place.