

NEWS BULLETIN

AN ASSOCIATION OF MEN

HOLING



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

THROUGH

JULY 1977

ANNUAL BUSINESS MEETING



Retiring President, Henry F. LeMieux (left) hands gavel to The Moles' 1977/78 President, Daniel M. Lazar at the Annual Business Meeting and Dinner held on May 4th at The New York Hilton in New York City.

TWO HUNDRED Thirty-One Mole Members were present on May 4, 1977 to witness the "changing of the guard". Of this number, thirty-one were new members elected to membership this year. (A brief bio is included in this issue on all Thirty-Five new members along with photos of those present at the Dinner) Retiring President, Henry F. LeMieux presided for the last time as he welcomed everyone to the "thirty-ninth" Annual Business Meeting of The Moles. After reports from the other Officers and Committee Chairmen, the retiring President introduced the new Officers & Trustees and handed the gavel to the 1977/78 President, Daniel M. Lazar. Other highlights of the evening were presentation of Past Secretary's Citation to Philip S. Miller after three years of service

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Clambake Set For August 4th At Colonie Hill

Chairman of the Program Committee, JAMES W. JENKINS, announces The Moles' Annual Clambake will again be held at Colonie Hill on Thursday, August 4th.

We understand Jim and his Committee have tried to give "just a little bit more" this year and it's still the same price.

The Moles' Clambake is one of the most popular events of the summer season, and the Committee urges you to get your requests for tickets in early.

Registration starts at 11 a.m., luncheon will be served from 11:30 a.m. to 2 p.m. and dinner is served promptly at 6:30 p.m. There will be souvenir caps, door prizes, two (2) wheel of fortune drawings, outdoor games (for fun and prizes) free beer all day, swimming, and just plain good fellowship with your friends in the construction industry.

A "first" and an added attraction for this year will be the appearance of Peter Rice Bloeme 1976/77 World Frisbee Champion assisted by Jim Hellman 1974 New York City Junior Champ who will demonstrate the "fine art" and hold a clinic for those interested in learning some of the throws such as backhands, side arms and upside down throws.

Program Committee Member, Nick DiMenna will be in charge of a "surprise" feature this year. We've promised not to tell!

So — Come on out, hop a plane, get in your car, charter a bus, take the train or even a boat but be sure you get there because that will be where all your friends in the Industry will be on August 4th.

ANNUAL MEETING

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in that position, (see photo opposite) and presentation of Past President's Citation to outgoing President, Henry F. LeMieux.

We congratulate the most recent Past President, Henry F. LeMieux on a "job well done" and extend best wishes to the new President, Dan Lazar. We know he will have the support and cooperation of the entire membership as those 38 who have served before him.

President Appoints Committees 1977/78

President, Daniel M. Lazar announces committee appointments for the 1977/78 year as follows:

MEMBERSHIP — J. R. (DICK) LILES, Tidewater Construction Co., Chairman; IRV R. HUIE, Perini Corp., Vice Chairman; JOHN A. ALLISON, Horn Construction Co.; GARDNER M. BISHOP, Gardner M. Bishop, Inc.; ROBERT W. CLEVELAND, JR., H. O. Penn Machinery Co., Inc.; WALTER M. ENGER, Consultant; ALLEN D. FISCHBACH, Fischbach & Moore Inc.; ALBERT J. MAIORANO, Walsh Construction Company; J. RICH STEERS, JR., J. Rich Steers Inc.; EDWARD E. WHITE, Consultant.

PROGRAM — JAMES W. JENKINS, Dredgeast Inc., Chairman; JACK WALLE, Thomas Crimmins Contracting Co., Vice Chairman; JAMES C. ARMITAGE, Armitage & Co. Inc.; JAMES A. BREEN, Michael F. Breen Inc.; NICHOLAS J. DIMENNA, Nicholas DiMenna & Sons Inc.; JOHN G. DONARGO, The Mergentime Corp.; A. PEARCE GODLEY, Raymond International Inc.; JOHN J. LENNON, Geo. W. Rogers Construction Corp.; CHARLES D. MORRISSEY, URS/Madigan-Praeger Inc.; RICHARD J. REDMOND, MacLean-Grove Company Inc.; DONALD E. UNBEKANT, Cayuga Construction Corp.

FINANCE — JOHN T. O'NEILL, New York City Transit Authority, Chairman; L. J. CORBETTA, Corbetta Construction Co.; VICTOR B. HERTSLET, The Arundel Co.; A. D. (BARNEY) HUNTER, Consultant; JAMES A. LILLY, Morrison-Knudsen Company Inc.; R. M. MONTI, Port Authority of New York & New Jersey.

EDUCATION — TONY CRIMMINS, Thomas Crimmins Contracting Co., Chairman; EUGENE F. CASEY, New York City Transit Authority, Vice Chairman;



Henry LeMieux presents Philip S. Miller with Citation for three years of service as Secretary of The Moles. Phil also served The Moles as Trustee 1971/73 and several years as Committee Member.

ROBERT J. BRUNGRABER, Bucknell University; JOHN CHOW, J. Rich Steers, Inc.; WILLIAM GOODMAN, Grow Tunneling Corp.; JACK LEMLEY, Walsh Construction Co.; EDWARD S. PLOTKIN, MacLean-Grove Company Inc.; RUDI vanLEEUEWEN, Spencer, White & Prentis Inc.; ROBERT J. WINTERS, Port Authority of New York & New Jersey.

PUBLICITY — ROBERT G. LENZ, Moretrench American Corp., Chairman; CHARLES W. EDGAR, Perini Corp., Vice Chairman; WILLIAM R. BEST, Slattery Associates, Inc.; WILSON V. BINGER, Tippetts-Abbett-McCarthy-Stratton; JACK R. MCKINNEY, McKinney Drilling Co.; STIRTON OMAN, JR., Oman Construction Company Inc.; J. HENRY SCHWARTZ, Cayuga Construction Corp.; JAMES A. WINNER, Brown & Root Inc.

DAVID B. PERINI, Perini Corp., has been appointed as Chairman of the Award Committee this year and will be ably assisted as Vice Chairman by SALVATORE V. DeSIMONE, Mueser, Rutledge, Wentworth & Johnston. Members-at-Large to the Award Working Committee are: FRANK P. ROBERTSON, Morrison-Knudsen Company Inc. and JOHN D. SAUNDERS, Slattery Associates Inc.

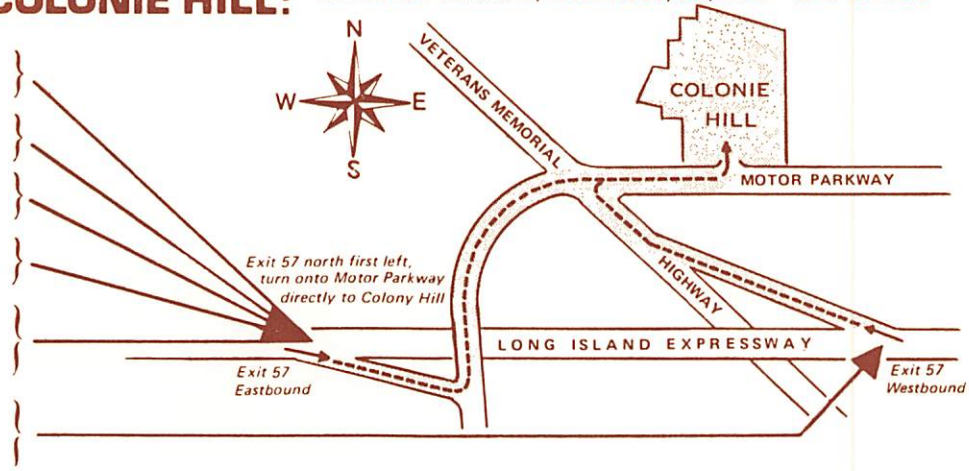
White gets Kapp Award

ROBERT E. WHITE has received the 1977 Martin S. Kapp Award. The Martin S. Kapp Foundation Engineering Award is a memorial in recognition of the outstanding professional accomplishments of Martin S. Kapp, F. ASCE. It is supported by the income from a fund contributed by the friends and professional associates of Mr. Kapp and was established by the Board of Direction of the American Society of Civil Engineers in 1973.

Mr. White is Senior Vice President of Spencer, White & Prentis Inc. He is a licensed Professional Engineer in New York; Washington, D.C.; Illinois; Virginia; and California. After graduation from Harvard Engineering School with a degree in Civil Engineering in 1934 he joined the firm of SW&P and has been actively involved with construction of foundations, caissons, slurry walls, cofferdams, and numerous other geotechnical jobs. Mr. White is perhaps proudest of his role as Project Manager on the underpinning and shoring of the White House in 1950. He has written numerous articles in technical magazines and has received several engineering awards and honors. He has been a Mole Member since 1951. Marty Kapp was also a prominent member of The Moles at the time of his death.

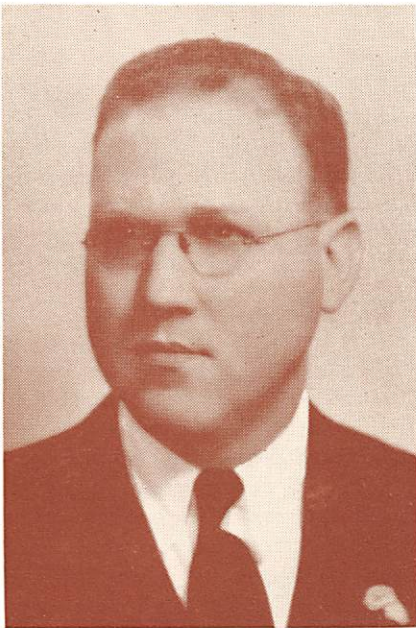
How to reach COLONIE HILL: 1717 MOTOR PARKWAY, HAUPPAUGE, L.I., 11787 (516) 234-7800

- FROM BROOKLYN
Belt Parkway to Cross Island Parkway to Long Island Expressway eastbound — then
- FROM MANHATTAN & QUEENS
L. I. Expressway — eastbound — then
- FROM THE BRONX
Throgs Neck Bridge to Long Island Expressway — eastbound — then
- FROM NASSAU AND WESTERN SUFFOLK COUNTIES
L. I. Expressway — eastbound — then
- FROM NEW JERSEY
George Washington Bridge to Cross Bronx Expressway to Throgs Neck Bridge to Long Island Expressway eastbound — then
- FROM EASTERN SUFFOLK COUNTY
L. I. Expressway, Exit 57, right on Veterans Highway to Motor Parkway, right directly to Colonie Hill.



ALTERNATE ROUTES: Grand Central Parkway, Northern State Parkway to Exit 37A on to Long Island Expressway, East to Exit 57 — OR; Southern State Parkway to Sagtikos State Parkway, North to Long Island Expressway, East to Exit 57.

Charter Member Dies at 78



JOHN C. MacELROY died on April 11, 1977 in a nursing home in Scotch Plains, New Jersey. He was 78.

Mr. MacElroy, a charter member of The Moles, was Founder and President of the company that bears his name.

During his long career he furnished construction materials to many of the contractors in and around the Metropolitan area.

Mr. Mac served The Moles as Sergeant-at-Arms in 1958. He was a member of the Downtown Glee Club for many years.

He is survived by his wife, Geraldine; a daughter, Ruth; and three grandchildren.

Kuesel elected to National Academy of Engineers

THOMAS R. KUESEL has been elected to membership in the National Academy of Engineering. Mr. Kuesel, a Senior Vice President and Director of Parsons, Brinckerhoff, Quade & Douglas, Inc., a New York City-based engineering, planning and design firm, was one of 92 new members selected for their contributions to a wide range of engineering specialties. He was cited for "innovations in the design of long-span bridges, immersed tunnel-tubes and other special transit structures, and for contributions to aseismic design of underground structures."

The National Academy of Engineering shares with the National Academy of Science, responsibility for advising the U.S. government on matters of policy involving technical considerations. The Academy is also responsible for directing research into various scientific and engineering problems. According to an announcement from the Academy, "election to the Academy is the highest professional distinction that can be conferred on an engineer, and honors those who have made important contributions to engineering theory and practice or who have demonstrated unusual accomplishments in the pioneering of new and developing fields of technology."

STUDENTS' DAY

Two hundred fifty student engineers were in attendance at the Annual Students' Day sponsored by The Moles on Friday, April 22nd. With the assistance of other members of the Education Committee, Eugene F. Casey and Robert Winters were co-ordinators for the day which gave these students the opportunity to see first-hand interesting construction work in progress.

Projects which were the subject of this year's tour were: The Port Authority Bus Terminal Expansion Project and S.J. Groves & Sons projects in New Jersey which included sections of Interstate Highway Route 78 and the Clay Street Bridge Restoration.

The day began early in the a.m. at the cafeteria 326 W. 42nd St. Coffee and Pastries, hard hats, and students kits were distributed. Paul Nicholson, Manager Construction Division for the Port Authority of New York & New Jersey began the briefing assisted by Leo Halley, Project Engineer who gave an informative slide presentation on the construction being performed. Jerome Hill, Superintendent for S.J. Groves & Sons gave a briefing on the work being performed by that company in New Jersey.

Construction operations at the Bus Terminal site which were actually in progress at the time of the Students' Day visit were: steel erection; placing concrete by pumping; excavation for foundation piers and footings; underpinning; shoring and bracing. Contractors

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Top left to right: Roger Ludlam, Hugh Mize, Thomas Galligan, Julius Nimorwicz, J. Patrick Powers, William White, Frank Gaidon, Joseph T. Powers. Bottom left to right: James P. Gould, Charles Aiken, Marvin Lifson, Henry Lynch, Arthur Cipolla, Richard Callaghan, Emil McConnell.

ABOUT THE NEW MEMBERS

CHARLES M. AIKEN is Group Vice President of Raymond International Inc. In this capacity he is responsible for the general management of the Raymond activities in the Northeast portion of the United States. He is headquartered in Raymond's Hackensack, New Jersey Office. After graduating from The Citadel in 1956 with a B.S. in Civil Engineering Charlie served as a 1st Lieut. in the United States Air Force until 1959 when he joined Raymond. For these seventeen years he has risen steadily starting as an Engineering Trainee to the position he now holds.

CARLTON W. ALDRICH, JR. is President of Guild Foundation Equipment Corporation headquartered in East Providence, Rhode Island. He is also Vice President of American Pile Driving Equipment Corp.; and Guild Drilling Co. — "Win" has worked nearly every phase of the construction business, having started while in high school on summer vacations with Charlie Guild. Most recently he has put his extensive knowledge of foundation engineering and mechanical ability to work in the promotion and development of the Guild Mechanical Mandrel used to drive cast-in-place concrete piling.

HAROLD S. BIXBY is Executive Vice President of Tri-Delta Aggregates, Inc., a firm involved in heavy, highway and airport construction in the Western New York State area. Mr. Bixby is a graduate of the University of Connecticut and received his BCE from Rensselaer Polytechnic Institute in 1949. He is currently serving as First Vice President of the New York State Chapter of the Associated General Contractors of America.

RICHARD C. CALLAGHAN is Senior Vice President and Chief Engineer for Schiavone Construction Co.; and a Licensed Professional Engineer in the States of New Jersey, New York and Pennsylvania. Dick has a BCE from Cornell University which he earned in 1949. He is active in numerous professional societies among them the National Society of Professional Engineers; the American Society of Civil Engineers; Society of American Military Engineers; American Concrete Institute and the Associated General Contractors of America (New Jersey Chapter).

ARTHUR S. CIPOLLA is Vice President & Chief Engineer for Yonkers Contracting Company Inc. Art earned his Civil Engineering Degree in 1935 from Rensselaer Polytechnic Institute; and served during the war with the U.S. Navy Construction Battalions. He holds the rank of Captain in the Naval Reserve.

In 1946 he joined Yonkers Contracting and has been for many years responsible for the bidding and construction of large highway projects, deep and unusually hazardous excavations, massive concrete work; large site preparation projects; and varied heavy construction projects.

EDWARD COHEN is Managing Partner of Ammann & Whitney Consulting Engineers and President of Safeguard Construction Management Corporation. He earned his BS degree in 1946 and an MS in 1954 from Columbia University. In 1975 he was elected to the National Academy of Engineering. He is the recipient of numerous professional awards and honors and is listed in Who's Who in the World, Who's Who in America, Engineers of Distinction, Dictionary of International Biography and others. During his association with Ammann & Whitney, Mr. Cohen has participated in and been responsible for many outstanding building, bridge, highway and mass transportation designs as well as aerospace, communications, industrial and military facility projects in the United States and overseas. Mr. Cohen is the author of more than eighty papers on structural design, seismic design, hardened design, wind forces, dynamic analysis of structures, ultimate strength and plastic design, tower analysis and shell structures.





Top left to right: Burton Kassap, Harold Bixby, Carlton Aldrich, Harold Hale, Kevin Crimmins, Thomas O'Connor, Gerard Neumann, Jr., Stewart Davis. Bottom left to right: Joseph Falco, Bernard Monaghan, Joseph DiMiceli, James Hastie, Edward Cohen, Robert Gittins, Clyde Ingram, Charles Molineaux, Jr.

KEVIN B. CRIMMINS is Secretary and a Director of Thomas Crimmins Contracting Company. He earned his BS in Civil Engineering from Yale University in 1960. Coming from a "family of contractors" it is only natural he has followed their footsteps and like all the elders of the Crimmins' family, Kevin too started "down the hole" and progressed up the ladder to the position he now holds.

STEWART DAVIS is President of Syracuse Supply Company one of the largest diversified regional distributors of construction equipment, lift trucks, machine tools, engineered material handling systems and industrial supplies in the Northeastern area of the U.S. Stu Davis has had broad experience in solving contractor's equipment problems both below ground and above. He is a graduate of the California Institute of Technology where he earned a BS degree in Mechanical Engineering.

JOSEPH DIMICELI is Vice President & Project Superintendent for Slattery Associates Inc. In this capacity Joe has supervised many major contracts including highway construction; sewage treatment plants; foundations; and subway construction. He is a graduate of Fordham University where he earned a BS degree in 1948.

JOSEPH M. FALCO is President and Owner of Falco Construction Corp. The Firm specializes in foundation piling for

shopping centers and other phases of heavy construction throughout the New York, New Jersey and Connecticut area.

FRANK J. GAIDON is President of Donald E. Hearnly, Inc., specializing in pile driving waterfront structures and other heavy construction. He has a BS in Civil Engineering from Duke University which he earned in 1954.

THOMAS J. GALLIGAN is President of National Prestress, Inc. He is primarily responsible for promoting and marketing the use of post-tensioning techniques to consulting engineers and contractors engaged in heavy construction.

ROBERT B. GITTINS is President of Tecon Construction Corporation headquartered in Dallas, Texas. Currently the firm is engaged in dam; foundation; concrete structures; sewer work and industrial buildings throughout the United States, Europe and the Middle East. Mr. Gittins earned a BS degree in Civil Engineering from the University of Michigan in 1945.

JAMES P. GOULD is a Partner in the prominent consulting engineering firm of Mueser, Rutledge, Wentworth & Johnston headquartered in New York City. His expertise in the field of heavy foundations, waterfront structures, and geotechnical engineering has been of assistance to many contractors and owners. Currently he is partner-in-charge for all of the subsurface investigations on the Metro System in Washington, D.C.; and

is on the Board of Consultants reviewing foundations problems and advising on construction procedures necessary for specific problems that develop on this project. Dr. Gould earned his BS in Civil Engineering from the University of Washington in 1944; his Master's from Massachusetts Institute of Technology in 1946; and Doctor of Science from Harvard in 1949.

HAROLD J. HALE is Regional Vice President of Warren Brothers Company. In this capacity he is directly responsible for the shipbuilding and foreign operations of the firm. In addition he is responsible for all engineering staff functions. Prior to joining Warren Brothers, Mr. Hale managed many large highway, dam and tunnel jobs in Central and South America while employed by Morrison-Knudsen Company Inc. He is a 1952 graduate of Colorado University with a BS in Civil Engineering.

JAMES T. HASTIE, a Vice President of Slattery Associates, Inc., is in charge of five major contracts for the company in the Washington, D.C. area. Jim has spent 18 years in heavy construction sixteen of which he has been employed by Slattery. Prior to directing the operations in Washington, D.C., he served as Project Engineer and Project Superintendent on such complex projects including the World Trade Center Foundations; widening of Gowanus Expressway, New Jersey Turnpike and Bruckner Boulevard.

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NEW MEMBERS

(Continued from Page 5)

CLYDE C. INGRAM is Vice President and Manager of Heavy Construction for Gordon H. Ball Inc. A veteran of forty years in heavy construction Mr. Ingram has been involved with such projects as the Carmen Smith project; BART System; New Melones Dam Diversion Tunnel and other major work.

BURTON P. KASSAP is Group Vice President of Horn Construction Co., Inc. In this capacity he is in charge of estimating, engineering and cost departments for all heavy construction projects for the company either underway or in the bidding stages. He is a licensed Professional Engineer in the States of New York & New Jersey; a member of the American Society of Civil Engineers, the Society of American Military Engineers, the National Society of Professional Engineers, and others. Burt is actively involved in the "Construction Group" of the Met Section — ASCE and is a member of the ASCE "Seminar" Committee.

MARVIN LIFSON is Vice President & Chief Engineer at Gardner M. Bishop Inc., General Contractors engaged in heavy and highway construction. Mr. Lifson earned his BCE at City College of New York in 1957 and his Master's at Brooklyn Polytech in 1962. He is a member of the American Society of Civil Engineers, the honor fraternity Chi Epsilon and a licensed Professional Engineer in the State of New York.

ROGER J. LUDLAM is Chief Engineer and Area Estimator for S. J. Groves

& Sons Company, Woodbridge, New Jersey. Roger started his career during summer vacations and after graduation from Rensselaer Polytechnic Institute in 1965 with Tippetts - Abbott - McCarthy - Stratton. In 1968 he joined S. J. Groves and rose subsequently to the position of Chief Engineer. Roger earned his Master's from Massachusetts Institute of Technology.

HENRY J. LYNCH is Executive Vice President of Underpinning & Foundation Constructors, Inc. Prior to joining Underpinning he was a Vice President for Horn Construction in charge of their Piling Division. Mr. Lynch along with one of his associates, Leonard Fleishman, invented a composite high capacity foundation pile which was granted a patent in 1975.

HUGH M. MIZE, JR. is Vice President and Area Manager of Gordon H. Ball, Inc.; and currently operates out of Atlanta, Georgia. In this capacity he manages all phases of Ball's heavy construction operations in the Eastern Area. Many major heavy construction projects have been under his direction. Most recent and noteworthy are the Judiciary Square Subway Station (subway section and tunnel at McLean, Virginia); a major portion of the first rail contract for WMATA and the East River Mountain Tunnel in West Virginia. He is a 1949 graduate of Auburn University with a Bachelor of Building Construction degree.

CHARLES B. MOLINEAUX, JR. is a Partner in the law firm of Sacks, Montgomery, Molineaux & Pastore. He has a B.S. from Georgetown University which

he earned in 1950 and a J.D. 1959 from St. John's University. Charlie's dad has been a member of The Moles since 1946.

BERNARD P. MONAHAN is a Project Engineer for Thomas Crimmins Contracting Company. He earned a Bachelor of Civil Engineering degree in 1959 from City College of New York and a Master's degree from Brooklyn Polytechnic Institute in 1967. Bernie recently served as President of the Metropolitan Section ASCE and is a Director of the New York State Society of Professional Engineers (New York Chapter). He has been with Thomas Crimmins Contracting Company for 18 years, having approached Holmes Crimmins for a job shortly after a Moles' sponsored seminar at which Holmes was one of the speakers and Bernie a guest student.

EMIL R. McCONNELL is Executive Vice President of New Jersey Drilling Co., of Netcong, New Jersey. Mr. McConnell's expertise in the field of specialized drilling is widely known in the construction industry both in the United States and overseas.

GERARD A. NEUMANN, JR. is Vice President — General Superintendent for Spearin, Preston & Burrows, Inc. After earning his Civil Engineering degree from the University of Notre Dame in 1963, he joined the United States Navy became an Officer and a qualified diver, a rating which he still maintains as a union member. He is also a licensed Professional Engineer. Following the family tradition he joined the firm of Spearin, Preston & Burrows and has supervised many major waterfront as well as other heavy construction contracts.



Bill Hughes (right) congratulates new member Gerry Neumann, Jr. (center) as Dad looks on proudly (left).



Smiles are in order as Tony Crimmins (left) and Bob Crimmins (right) welcome new member Kevin Crimmins (center).

JULIUS A. NIMORWICZ is a Project Manager for J. Rich Steers, Inc. He is currently supervising the Foundations for the Newburgh-Beacon Bridge. A member of the Steers organization for the past 24 years, he has risen through the ranks to his present position supervising many of their major heavy construction projects including the Salem Nuclear Plant, the Philadelphia Interchange, and the Foundations for the Delaware Memorial, Narrows, Throggs Neck and Sunshine Bridges.

THOMAS H. O'CONNOR is President of Thomas H. O'Connor & Co., Inc., General Contractors operating out of Cambridge, Massachusetts. He received his degree from Massachusetts Institute of Technology in 1931.

ROBERT W. PAGE is President of The Rust Engineering Company. Prior to his joining Rust Engineering, Mr. Page was President and Chief Executive Officer of George A. Fuller Inc. for a number of years. He has served as Director of Construction and Development for the American University and International College in Beirut, Lebanon and New York City and International Manager of the Bechtel Corp. He received his Civil Engineering degree from Texas A & M in 1950.

ROBERT K. PATTISON succeeded Mole Member the late Walter Schlager as President and General Manager of The Long Island Rail Road. In this capacity Mr. Pattison is in charge of the operation, construction and maintenance of this 322 mile railroad. Except for four years in the U.S. Naval Civil Engineering Corps, he has spent his adult life in Railroad construction and operations. He served as General Manager for the Metropolitan Region of Con Rail, Harlem, Hudson and New Haven Commuter Railroad. Most recently he has been actively engaged in a tunnel project for a new route for The Long Island Rail Road into Midtown Manhattan. Mr. Pattison is a graduate of the University of Illinois where he earned a Civil Engineering degree.

J. PATRICK POWERS is Vice President with Moretrench American Corp. He is in charge of engineering, design

and management of systems for dewatering and ground water control for tunnels, cofferdams, and deep excavations for that firm. He holds a BS and BME degree from Rensselaer Polytechnic Institute.

JOSEPH T. POWERS is Manager of Morrison-Knudsen Company's Eastern Marine Division. In this capacity he is responsible for the design, construction and estimating of heavy marine construction projects for the Eastern United States, including Puerto Rico.

JOHN P. WALL as a Vice President of Frank Briscoe Co., is actively involved in the construction of several large wastewater treatment plants, building projects and other construction for the firm. He is a Civil Engineering graduate of Massachusetts Institute of Technology and earned a degree in Business Administration as well from the Harvard Graduate School. Active in the Associated General Contractors of America in both the State and National levels as well as other construction associations in New Jersey, John has been deeply involved in labor negotiations over the years.

ROBERT C. WEST is Chairman of the Board of The Sverdrup Corporation which through its operating companies provides planning, design and construction management services to the heavy construction industry. Mr. West has a Civil Engineering degree from the Georgia Institute of Technology. He served as an Army Officer in the Aleutian Islands during World War II, directing heavy construction operations. A registered Professional Engineer in 12 states and the Canal Zone, he is a Fellow of both the American Society of Civil Engineers and the American Consulting Engineers Council. He has received many honors including election to Tau Beta Pi, Chi Epsilon and Phi Kappa Phi. He was President of the local ASCE section (1974-75) and Chairman of the National ASCE Committee on Employment Conditions (1973-75). He currently serves as Secretary of this Committee and is active on the International Engineering Committee of the American Consulting Engineers Council.



WILLIAM C. DAVIS died at a hospital in Virginia on May 30, 1977. He was 83.

One of the best-known figures of the explosives industry from the 1920's to the 1960's, he retired from Atlas Powder Company in 1961 after 44 years with the company. "Bill" as he was known to three generations of contractors and powdermen was a nationally prominent figure in the explosive industry and particularly in the heavy construction industry. He was most active, and personally acquainted with construction industry leaders, throughout the era of the 30's, 40's and 50's when many of this country's major dam, tunnel, bridge, and highway projects were undertaken.

One of Bill's close associates recalls that he was widely respected for his experience and construction knowledge but it was his integrity and outgoing personality that made his many friendships close and lasting ones.

He is survived by his wife, Dorothy; a daughter, Mary McConnell; a son William C. Jr.; as well as eight grandchildren and two great-grandchildren.

NEW MEMBERS (Continued)

WILLIAM J. WHITE is Vice President and Manager of the Eastern District for the construction activities of Walsh Construction Co. Mr. White is a graduate engineer from Manhattan College. During over twenty-five years with Walsh, Mr. White has been involved with a great variety of jobs ranging from heavy tunnel work to building foundations, industrial plants and powerhouses.

STUDENTS' DAY

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involved were: Delma Engineering Corporation — performing work at 41st Street Underpass (West Section); DeMatteis, Coppola, DeSimone — excavation and substructure; Carlin-Atlas — Finishes and Superstructure and Dembe Construction — Removal and Alterations.

Later, armed with a hearty box lunch, the students boarded busses and were transported to New Jersey to see paving operations which included placing of wire mesh and expansion joints; concrete placement and screeding and finishing with paving machinery. The tour through the completed portion of the highway showed structural steel bridge details and completed retaining walls along with the grading of depressed roadway. At the Clay Street Bridge Restoration Project, forms were being erected for tops of abutment wing walls and the students were able to see the completed abutment at the Harrison side of the bridge.

Key personnel from the Port Authority and S.J. Groves served as guides explaining the work being performed along with assists by: Gene Casey, John Chow, John Donargo, Mel Febesh, Bill Goodman, Jim Mahon, Ed Plotkin, Henry Schwartz, Rudi vanLeeuwen, and Bob Winters.

EDITORS' NOTE: A report on the 1970 Students' Day given in *Holing Through* boasted one female student engineer in attendance. This April (1977) there were 27 on the tour.

A collage of photographs by Marty Ostergaard appears on page 12.

JOE WIENDL, Vice President of Ingersoll-Rand has recently been appointed Chairman and Chief Executive Officer of Lee-Norse Company a division of I-R. Joe a Vice President since 1961 is a thirty-six year employee of I-R and was most recently General Manager of the Turbo Division at Phillipsburg.

SEYMOUR S. GREENFIELD, Executive Vice President, Parsons, Brinckerhoff, Quade & Douglas, Inc., has recently been elected President of the National Society of American Military Engineers.

PETER H. SMITH has been elevated to Chairman of Gibbs & Hill and a Vice President of Dravo Corporation. Mr. Smith had been President of Gibbs & Hill since 1969.



Joe Casey (center) President and CEO of Gordon H. Ball Inc., with new members Clyde Ingram (left) and Hugh Mize (right) also with Ball.



New member, Edward Cohen is congratulated by Ed Plotkin, Al Maevis and Phil Miller at the May 4 Annual Business Meeting and Dinner.

Moles Burrow Alaska Tundra for Pipeline

Many Mole Members' affiliated companies have had a substantial part in construction of the 800 mile long, 4 ft. diameter oil pipeline from Prudhoe Bay to the ice free port of Valdez in Alaska. The line crosses permafrost areas where small thermal changes can wreak havoc with supports and alignment. It has 600 stream crossings, including a 1200 ft. suspension span over the Tanana River, in traversing flood plains and muskeg. The line climbs three major mountain ranges and crosses several potential earthquake areas.

About half of the line is buried. Some is on special supports with foundations designed to minimize temperature change in the ground. The oil is heated to facilitate flow and heavily insulated to prevent heat transfer.

The job employed as many as 20,000 at its peak, many of them living in camps along the line. Much of the work could best be done in the cold of the long Artic night. So men and machines had to keep moving to avoid freeze up. Despite all this — the job began on schedule (mid 74) and was completed on schedule (mid 77).

EDWARD E. WHITE recently returned to the United States after presenting a lecture on Underpinning at the Soil & Foundation Engineering Seminar in Taipei, Taiwan sponsored by the Chinese Institute of Engineers.

GEORGE O. STILES died on May 12, 1977. Mr. Stiles has been a member emeritus since 1968. He became a member of The Moles in 1953 having worked in the construction industry since 1922. Among the many firms he was affiliated with during his long career were: Patrick McGovern; Tully & DiNapoli; Samuel Rosoff; Spearin, Preston & Burrows; Poirier & McLane and Thomas Crimmins Contracting.



The Perini sponsored joint venture North River Associates poured the last bucket of concrete for the 32 acre slab and foundations of the North River Water Pollution Control Plant. Work was performed for New York City Dept. of Water Resources. The sewage treatment plant still to be built will serve the entire west side of Manhattan. Celebrating are Mole Members, Chuck Edgar, Bill Sheehan and Sim Crews.

THE MOLES' ANNUAL CLAMBAKE



THURSDAY, AUGUST 4, 1977



COLONIE HILL, Hauppauge — L. I., New York

"HOLING THROUGH"



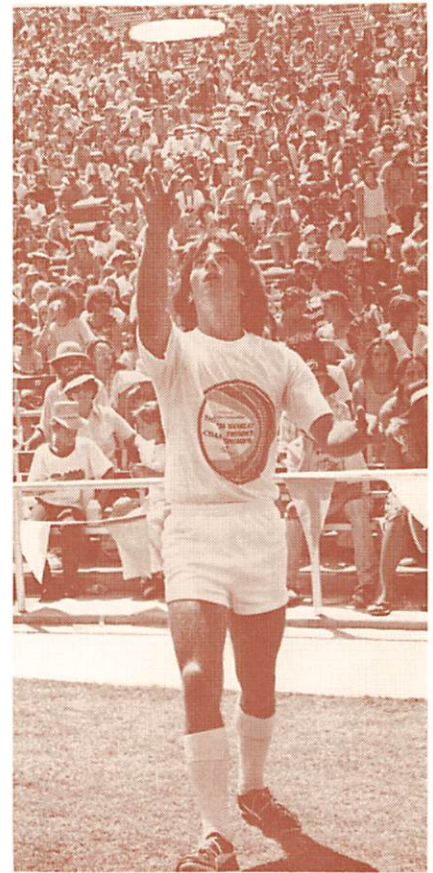
Completion of the 6,214 ft. of 10 ft. diameter soft ground tunnel under Oakwood Beach Water Pollution Control Project. Left Project Mgr. of A. A. Mathews, Dean Lodmell shakes hands with Mole Member Paul De Marco, Project Manager for Oakwood Beach Constructors. Oakwood Beach Constructors is a joint venture of Grow Tunneling; Mac Lean-Grove Company; Morrison-Knudsen Co., Inc.; and Andrew Catapano Co.

Student Awards

1977 marks the fifth year for The Moles' Student Awards. This Program as are the other of the Education Activities is designed to interest Student Engineers in the Heavy Construction Industry. Recent surveys show that it is working toward that end very well. Most recent of the Student Award Recipients to be hired by Mole affiliated companies are: Allen Lash, recipient of the 1976 Award from Polytech of New York employed by Horn Construction; Dave Beckhardt, 1976 Award from Union College employed by Walsh Construction; and James R. Kee, 1976 Award from New Jersey Institute of Technology employed by the George Hyman Construction Co.

So far this year (1977) the following Awards have been presented: Dominick Gasbarro — Stevens Institute of Technology; Jonathan Sigler — Rensselaer Polytechnic Institute; Andrew J. Piccolo — Columbia University; Lynn Fitzpatrick — Cornell; John Gieger — Cooper Union; Patrick Muldoon — City College of New York; Douglas F. Coppi — Princeton University; and Jean M. Griffith — Union College.

1976 World Frisbee Champ Scheduled for Clambake



Dates to Remember

August 4, 1977 — Annual Clambake — Colonie Hill, Hauppauge, New York.

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November 2, 1977 — Fall Members' Dinner — The New York Hilton Hotel.

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January 25, 1978 — Annual Award Dinner — The New York Hilton Hotel.

EDUCATION ACTIVITIES

— Letters of Thanks —

A letter received recently with reference the Education Committee's efforts this past Students' Day reads:

"Recently you sponsored a tour of several construction sites in New York City and New Jersey, including that of the N.Y. Port Authority. I was one of the fortunate people from SUNY at Farmingdale to attend the tour. I am a prospective 1977 graduate in the field of Civil Technology. From the response of some of my friends (who also went) they found your tour most interesting. I, myself enjoyed it very much. The tour enabled me to actually see what's going on during construction. The thing I enjoyed most was to talk to people actually working on the jobs, and to those MOLE members guiding us. Any questions I had were answered in great detail by these men. You have a great thing going, and I hope it continues in the future. It certainly influenced my interest in Civil Engineering even more. Thank you for giving me the opportunity of seeing the field aspects of the construction business. I appreciate it very much." — signed: Glenn W. Hoyvik, Future Civil Engineer.



This letter was written to the Directors and Members of The Moles and is a sampling of the attitude of those Student Engineers who receive the Award.

"I would like to thank you for the honor and monetary grant associated with The Moles' Student Award. It is hoped that in the years to come my activities, beyond being fulfilling will bring credit to the construction industry and your group in particular for this recognition." — signed: Andrew Picollo, Columbia University.



Another activity of The Moles' Education Committee is to arrange for "on campus" talks for those ASCE Student Chapters who request it. Below are several letters received recently for this effort.



To Charles Morrissey: "I feel that the Student Chapter of ASCE has been fortunate in the opportunity to hear a person of your experience and perception in the field of consulting engineering. There are much too infrequent occasions for the students to complement the book knowledge derived from their courses, and I have already pointed out to those students who did not hear your talk that they have missed an exceptional opportunity to

broaden their education. On behalf of the Department of Civil Engineering, I thank you for a most interesting and valuable presentation and discussion. The Moles, as intermediary in scheduling this talk, also deserves our appreciation". — signed: Rene B. Testa, Prof., Columbia University.



To Gerry Carty: "I want to thank you for your talk on the role of the civil engineer in the construction industry at our last ASCE Student Chapter Meeting, April 13th. Your talk gave us a good picture of the construction industry and how it operates. Many of our members commented to me afterwards on how much they enjoyed the meeting. Your experience in construction and your ability to inform us of some of the basics of the industry made for an excellent meeting. Thanks again." — signed: Kevin Harkenrider, President ASCE Student Chapter, Union College.



To Bob Mayo: "This is to thank you for your wonderful seminar on tunneling techniques delivered to my graduate school class at Cornell University last week. The students are still commenting on the excellent quality of the slides and lecture, and of course the wealth of practical experience you brought to the classroom is invaluable. I would like to express on behalf of my students and myself, and the University, congratulations and appreciation." — signed: Don Rose, Prof. Cornell University.



To Executive Secretary: "I would like to thank you for asking Mr. Salvatore DeSimone of Mueser, Rutledge, Wentworth and Johnston to speak at our last meeting of the ASCE Student Chapter. Mr. DeSimone gave a lecture and showed slides about underpinning buildings. His talk was, by far, the most interesting and educational presentation that we have had for the past year. At this time, I wish to thank you again for the assistance you gave to me in March of 1974 in acquiring employment in the construction industry, through the summer employment program. As a result of your suggestions, I was hired by Walsh Construction Co., for the past two summers. I am happy to inform you that I begin permanent employment with them at graduation. The help you have given me and the ASCE Student Chapter at Union is greatly appreciated." — signed: David Beckhardt, Pres. ASCE Student Chapter, Union College.

