

NEWS BULLETIN

AN ASSOCIATION OF MEN



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

HOLING

THROUGH

JULY, 1979

Bud Gray Installed as President at Annual Meeting

TWO HUNDRED forty attended The Moles' Annual Business Meeting on May 2nd despite the fact another meeting, of interest to Mole Members, was being held the same evening at which two prominent Moles, Sal DeSimone and Bob Koch were giving a paper (Design & Construction of the Floating Caissons for Newburgh Beacon Bridge #2).

After the traditional cocktail hour and prime rib dinner, Bud Gray received the gavel from retiring President, Milton A. Hendrickson during the brief Business Meeting which included reports from the Secretary, Treasurer and Committee Chairmen; introduction of 32 new members (see bios page 4) and a moment of silence for those members who passed away since the last meeting.

Life Member Dead at 85

FRANK G. ZIMMATOR died on May 10, 1979 at his home in New York City.

Zip as he was known to his many friends in the Industry, became a member of The Moles in 1938. At that time he was affiliated with the Ingersoll-Rand Company (Construction Division) having joined the firm in 1929. Prior to that, after graduating from Villanova College, he was connected with several eastern contractors engaged in heavy rock excavation on highways, bridges, foundations and tunnels. He worked for David Schoentag Co., a Saugerties, N.Y. based firm on the Poughkeepsie Mid Hudson Bridge and approaches.

During the 31 years with I-R he covered many of their large rock excavation jobs. A few of the local most known were: Lincoln Tunnel and approaches; Sixth and Eighth Avenue Subways; Queens Midtown Tunnel; Brooklyn Battery Tunnel; Delaware Aqueduct; St. Lawrence Seaway and Niagara Falls Power Development projects. He was connected with numerous large building foundation jobs constructed by prominent contractors in the New York City area.

In 1960 when he retired from I-R in the Company's announcement of his retirement it was said about Zip, "he has been one of the best known men that we have ever had contacting the construction industry". "In addition to his activities in sales and service, many members of the I-R sales organization owe much of their know-how to the training they obtained under his guidance".

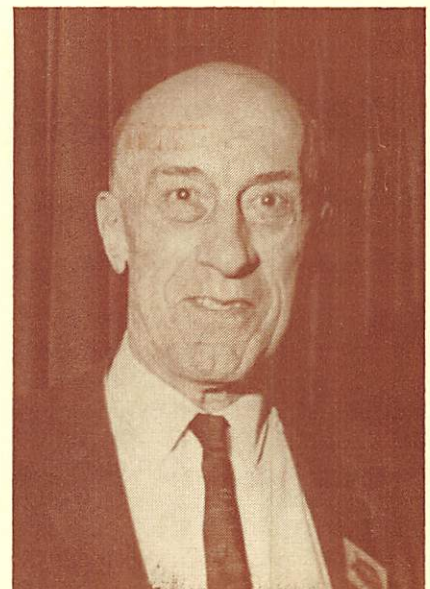
In the early days of The Moles, he played right field on The Moles softball team and served on the Finance Committee. He was Sergeant-at-Arms in 1968. His interest in the Industry and The Moles never waned. Meetings and functions of The Moles and other Industry related functions were rarely missed by him, he was almost always in attendance.

He is survived by his niece and nephew, Mrs. Alice Gerecki and William Reed Zimmator both of Texas.

MAKE THE SCENE AT TRAVERS' ISLAND IT'S CLAMBAKE TIME

Monday, August 6th is the date for The Moles' Annual Clambake. Chairman, Jack Walle advises the line-up for the day as follows: Registration from 11 a.m. to 6 p.m. Luncheon 11:30 a.m. to 2 p.m. Field Activities 1 p.m. to 5 p.m. Included in the field activities are bocci, spike driving, horseshoes, volley ball, badminton, golf pitching, and basketball toss. Swimming in the beautiful NYAC's Summer Club House Pool and tennis is included in the price of your ticket. However, if your bag is golf it's traditional you make your own arrangements. Your Program Committee has arranged that two neighborhood golf clubs will make their facilities available to those holding tickets to The Moles' Clambake. Fees connected with golf must be paid for in cash by the individuals at the club of their choice. Either Pelham Country Club or Willow Ridge will be

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PRESIDENT APPOINTS COMMITTEES 1979/80

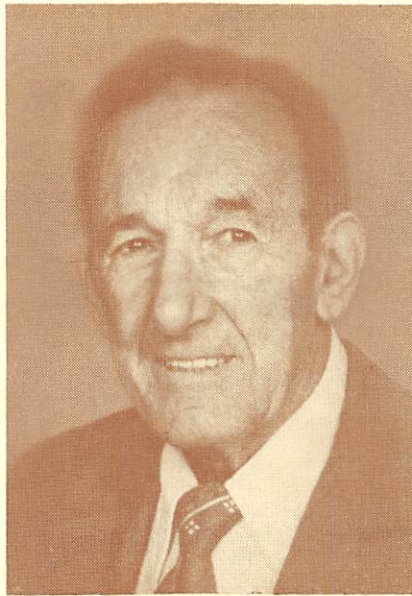
President, G. R. (Bud) Gray has announced the appointment of the Members who will serve on the five standing committees of The Moles for the ensuing year. In his opening remarks at the May Business Meeting & Dinner President Gray said, "I look forward to working with these committee members and expect that their counsel will be invaluable to my term as President."

MEMBERSHIP — Chairman, J. R. (DICK) LILES, Tidewater Construction Corporation; Vice Chairman, IRV R. HUIE, Perini Corporation; ALLEN D. FISCHBACH, Fischbach and Moore Inc.; ROBERT S. GATES, Gates Construction Corporation; ALBERT J. MAIORANO, Walsh Construction Company; JAMES L. MANN, S. J. Groves & Sons Company; STANLEY MERJAN, Underpinning & Foundation Constructors Inc.; GEORGE REIDER, Spencer, White & Prentis Inc.; J. RICH STEERS, J. Rich Steers Inc.; MICHAEL J. UCCI, AMCA International Corp (Equipment Systems Division)

PROGRAM — Chairman, JACK T. WALLE, Thomas Crimmins Contracting Co.; Vice Chairman, RICHARD J. REDMOND, MacLean-Grove & Company Inc.; JAMES C. ARMITAGE, Armitage & Company Inc.; JAMES A. BREEN, Michael F. Breen Inc.; NICHOLAS J. DiMENNA, Nicholas DiMenna & Sons Inc.; JOHN F. DONOHOE, Moretrench American Corp.; THOMAS E. GUNN, Bethlehem Steel Corp.; ALLEN K. HAMMOND, Hodge & Hammond Inc.; JOHN J. LENNON, Geo. W. Rogers Construction Corporation; ROGER LUDLAM, S. J. Groves & Sons Company; CHARLES MORRISSEY, Morrissey-Johnson Consulting Engineers

FINANCE — Chairman, VICTOR B. HERTSLET, The Arundel Corp.; DAN S. BROCK, Consultant; CARL E. BUCKLEY, Jarvis, Pilz, Buckley & Treacy; A. D. (BARNEY) HUNTER, Consultant; R. M. MONTI, The Port Authority of New York & New Jersey; HERBERT WASSERMAN, Slattery Associates Inc.

EDUCATION — Chairman, EUGENE F. CASEY, Mason & Hanger-Silas Mason Company Inc.; Vice Chairman, MELVIN FEBESH, Urban Foundation Co., Inc.; ANTHONY A. ALBICOCCO, Slattery Associates Inc.; ROBERT J. BRUNGRABER, Bucknell University; EDMUND M. BURKE, Mueser, Rutledge, Johnston & DeSimone; MORSE



CLAYTON G. O'CONNELL died on March 31, 1979. He was 69.

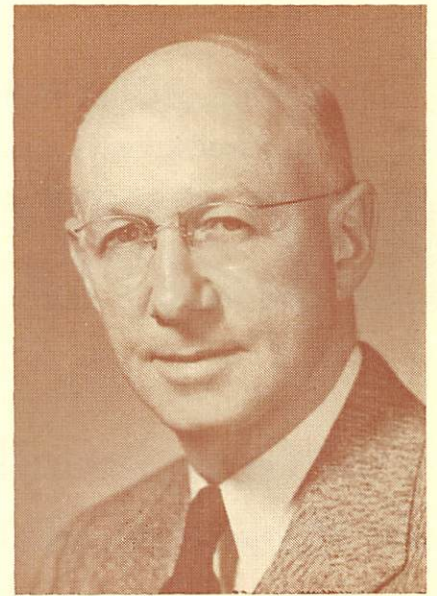
Mr. O'Connell retired as Project Manager of J. Rich Steers Inc., in 1975 after forty-four years of service with that firm.

During that time, as Assistant Superintendent then Superintendent and later Project Manager he was involved in all types of heavy construction including sewage treatment plants, subway sections, piers, docks and just about all phases of marine construction. Among some of the more notable projects he managed were the Hunts Point and Bowery Bay Sewage Treatment Plants; the redevelopment of Chelsea Piers 59-61, United States Lines and the Bridgeport-Chester Bridge foundations and shafts.

He is survived by his wife, Hannah.

H. KLUBOCK, Perini Corporation; ROBERT C. KOCH, J. Rich Steers Inc.; JAMES E. MAHON, Walsh Construction Company; RUDI vanLEEuwEN, Spencer, White & Prentis Inc.

PUBLICITY — Chairman, CHARLES W. EDGAR, Walsh Construction Company; Vice Chairman, GERARD J. CARTY, Walsh Construction Company; WILSON V. BINGER, Tippetts-Abbett-McCarthy-Stratton; HAROLD G. CARLEVATO, E. I. duPont deNemours & Co.; JACK R. MCKINNEY, McKinney Drilling Company; STIRTON OMAN, JR., Oman Construction Company, Inc.; JACK R. SWOFFORD, S. J. Groves & Sons Company; FRANK M. WARREN, JR., Raymond International Builders Inc.



DUGALD J. CAMERON died on April 19, 1979 at Memorial Hospital in Sarasota, Florida. He was 83.

Duke, as he was known to his many friends, was a native of Winnipeg, Canada. He attended Columbia University and in World War I enlisted in the Corps of Engineers. After the War he joined the Fireproof Products Company, a reinforcing steel fabricating firm and later became its President. A member of The Moles since 1952 he became a Member Emeritus in 1977 some time after his retirement.

Throughout his career, he was active in his efforts in behalf of concrete construction. His work with the Concrete Reinforcing Steel Institute as its President and for the preparation of the CRSI Design Handbooks and the first Manual for Placing and Reinforcing Steel was recognized by CRSI when it established and gave him their first Achievement Award in 1975. He was selected to receive the Arthur J. Boase Award from the Reinforced Concrete Research Council in 1976 for "recognition of a lifetime of untiring effort on behalf of concrete construction as a driving force and catalyst in working with contractors and engineers for better use of concrete and reinforcing, and of his constant endeavor to obtain improvement in construction details." The Council said at the time of the Award, "During his long career Duke was always on the move. His contribution to the engineering and concrete construction community is written in the memory of every person with whom he worked".

He is survived by his wife, Marion; a son, Edward J.; two daughters, Elizabeth C. Seely and Marjorie C. MacLean; a brother, John; 15 grandchildren; and a great-grandchild.



CLIFFORD S. STRIKE died on January 18, 1979. He was 77.

Mr. Strike was born in Marion, Ill., and attended public school in Toledo, Ohio. He was graduated with a B.S.M.E. degree in 1924 at the University of Illinois.

When he became a Mole in 1949 he was President of F. H. McGraw & Co., a construction engineering concern headquartered in Hartford, Conn. He had been affiliated with the firm since 1930 and became President in 1941. In 1962 he was made Chairman. Some of the large contracts completed under Mr. Strike's leadership included a \$17 million Reynolds Metals Co., aluminum plant; a \$31 million Jayhawk Ordnance Works and a \$12 million newsprint plant; a \$650 million gaseous diffusion plant for the AEC; the development of the 15 acre \$45 million Constitution Plaza in Hartford and others including hospitals, office and theater buildings, paper mills, and flood control projects.

During 1965 he founded Clifford S. Strike & Co., Inc., also a consulting engineering firm. Mr. Strike retired from construction in 1969 and purchased nine acres in Rancho Sante Fe, California where he was active in the Calavo Co-operative Farming Association.



WILLIAM L. ACKER, JR., died on May 23, 1979. He was 62.

He graduated from Princeton University in 1939 with a BS ME degree.

Mr. Acker was, at the time of his death, President of Acker Drill Co., Inc. headquartered in Scranton, Pennsylvania. The firm manufactured foundation sampling equipment and anchor tie back drills. He spent his entire career in the manufacturing of specialized drilling tools for the construction industry and since World War II developed a small manufacturing business

CLAMBAKE

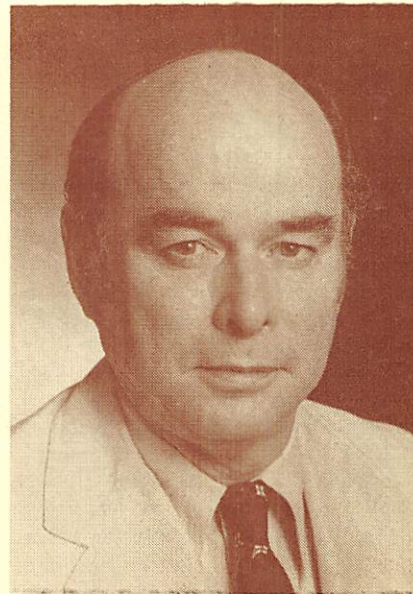
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happy to take your calls for starting times.

Now then back at Travers there will be free beer outdoors all day. There will be lots of prizes including two Sonar SX 70 cameras to be given away at the Wheel of Fortune Drawings at 2:30 and 4:30. A superb Surf & Turf dinner will be served promptly at 6:30 p.m. and visiting until 11 p.m. (bars will close at 11 p.m.).

The big hit of the day will be the softball game between Contractors & Engineers at 3 p.m. If you want to play, contact The Moles' Office or Nick DiMenna. Dave Perini and Sal DeSimone have agreed to serve as Captains of the Contractors & Engineers teams respectively.

Order your tickets now! Invite your friends! Come on out! You'll be glad you did!



JOHN F. HOBAN died on May 18, 1979 at the New York University Hospital in Manhattan while undergoing open-heart surgery. He was 54.

Mr. Hoban was Director of the Rail Transportation Department of the Port Authority of New York and New Jersey. He joined the Port Authority in 1954 and served successively as Superintendent of Rail Programs, Supervisor of Car Equipment, General Superintendent of Railroad Operations, Project Director of the Journal Square Transportation Center and Project Director of PATH's New Jersey rail projects.

He was an adjunct professor of transportation at Manhattan College where he received a degree in civil engineering in 1951 and was a lecturer at Carnegie-Mellon University in Pittsburgh.

He is survived by his wife, Eileen; and three children, John Jr., Thomas and Rosemary.

ACKER (Continued)

into one of the world's leading drill manufacturers.

He was a Fellow of the American Society of Civil Engineers and very active in Civic affairs serving on the Board of Directors of hospitals, Chamber of Commerce and the United Fund. He served as President of the United Fund and was a Director of the Third National Bank in Northeastern Pennsylvania.

Mr. Acker is survived by his wife, Isabella; two sons, William L., III and Warren T.; two daughters, Mary F. and Mrs. Christine Haight; and two grandchildren.

ABOUT THE NEW MEMBERS

JAMES N. ALLAN has been affiliated with Morrison-Knudsen Company Inc., since graduating from Washington State College with a Civil Engineering degree in 1953. Progressing through the various engineering disciplines relating to heavy construction he became a Project Manager in 1968 on the site contract for the Maine Yankee Nuclear Power Plant at Wiscasset, Maine. He has continued to serve as Project Manager on the water treatment facility in Connecticut; an ABM facility in North Andover, Mass.; an asphaltic lined reservoir for a pumped storage facility in Ludington, Michigan; and most recently the Circulating Water System for the Seabrook Station Nuclear Power Plant in Seabrook, New Hampshire. The latter contract involves over six miles of tunnels off the New Hampshire coast and extraordinary marine work for inlet and outlet connections to these tunnels.

LAWRENCE R. BARNES has been affiliated with Morrison-Knudsen Company Inc., for the past 23 years. Currently he is their Eastern Operations Manager headquartered at Darien, Conn. Some of his other assignments for the firm have been: Assistant Project Manager on the Underground Powerhouse at Portage Mountain in British Columbia and the Northfield Mountain Underground Powerhouse.

HERBERT A. BELTZ is Vice President & Secretary, a member of the Executive Board and Chief Financial Officer of S. J. Groves & Sons Company. He has over-all responsibility in assisting to direct the general operations of the firm and in particular their heavy construction work which currently is valued at \$750,000,000 in uncompleted work with an annual construction volume of \$400,000,000.

MORRIS BLITSTEIN joined the Slatery organization more than twenty years ago as a field engineer. Today he is one of their principal engineers engaged in bidding new work and overseeing the completion of current work from the contract manager's point of view.

JOSEPH J. DIEHL is currently Vice President and General Manager of Mergentime Corporation. He received his Civil Engineering degree from Newark College of Engineering in 1968 and is

a member of the Chi Epsilon honor fraternity. For Mergentime Corporation Joe is in charge of the firm's field operations throughout the country. Prior to his joining Mergentime, Joe had responsible positions in construction with Bencor International and Spencer, White & Prentis.

HENRY K. DIETRICH earned a BME degree from New York University in 1958. Immediately after College he joined the Geo. W. Rogers Construction Corporation and has over these past twenty years supervised many of the firm's major projects. Henry is currently Director of Engineering.

JOHN DORER, Secretary-Treasurer & Manager of Ell-Dorer Contracting Company, has been actively engaged in the construction of highways, bridges and other heavy construction work in the New York, New Jersey area. John serves currently on the Board of Trustees on the National level of the Associated General Contractors of America and has served as President of their New Jersey Chapter. He is a 1955 graduate of Brown University.

RADM. JOHN R. FISHER, USN-CEC (Ret.) is currently serving as a Vice President and Construction Manager of the Southern Region of Raymond International Builders Inc. In this capacity he is responsible for the supervision of marine heavy construction and specialized foundation and bridge projects in Southeastern United States, the Caribbean and Latin America. During his thirty year career with the United States Navy he performed in a wide variety of assignments in connection with the planning, design and construction of major naval facilities.

LEO J. FITZPATRICK is Vice President & Area Manager for the Conduit & Foundation Corporation in the Pennsylvania, Delaware and Ohio areas. In the over thirty years with that firm he has managed the construction of bridges, foundations, highway, sewer and site improvement projects.

NEAL R. FRIETS is Manager of the Eastern Marine District for Peter Kiewit Sons Co. Mr. Friets earned his Bachelor of Engineering degree in 1955 and his Masters in 1956 from Yale University. He is a Registered P.E. in the States of New York and New Jersey and a member of the Yale Engineering Association.

RICHARD J. GOETTLE, III is a Cincinnati based foundation contractor doing business as Richard Goettle, Inc. The firm is engaged in the construction of extended foundations including piling, drilled shafts, sheeting and shoring and underpinning; marine construction, including docks, intakes, submerged pipe installations, cofferdams, ground and rock anchors and dam repairs. He served as President of the Deep Foundations Institute from March 1978 to February 1979; and is a member of the American Society of Civil Engineers, International Society of Soil Mechanics and Foundation Engineering, International Society of Rock Mechanics, Association of Drilled Shaft Contractors and the Transportation Research Board. He is a graduate of the University of Cincinnati where he earned a Civil Engineering degree in 1956.

ROBERT J. HILL earned his Bachelor of Civil Engineering degree from Manhattan College in 1966. He currently serves as a Project Manager for Parsons Brinckerhoff Quade & Douglas. For this firm he has been responsible for design on some of their largest tunnel, bridge, plant, highway, rail and port work. Prior to joining PBQ&D he was affiliated with several major contractors where he was responsible for numerous major projects including a thirteen and a half mile large diameter rock tunnel, access shafts and underground chambers carved out of rock; a bridge which included the erection of the largest precast prestressed concrete girders to that time; a major container port; and other projects.

THOMAS A. HOLMES is Director, President & Chief Operating Officer of Ingersoll-Rand Company a firm manufacturing construction, and mining equipment; and other industrial machinery and related products. Mr. Holmes is a 1950 graduate of the Missouri School of Mines with a B.S. in Mining Engineering. He was awarded an Honorary Professional degree by the University of Missouri-Rolla in 1972 and is a graduate of the Harvard Business School Advanced Management Program. He joined I-R immediately after graduation rising to the position he now holds.

LESLIE A. HYNES is a partner in the law firm, Hynes, Diamond & Reidy, engaged in construction and engineering litigation. He earned a BS in 1949 from Seton Hall University and an LLB in

1952 from Fordham School of Law. He is a member of the American Society of Military Engineers, American Welding Society and various Bar Associations. Mr. Hynes is not only active in the construction industry through his law firm but is personally engaged in other phases of the Industry as an Officer of two companies related thereto.

THOMAS C. KUEBLER is the Managing Director of the New York Chapter, Associated General Contractors of America. Since graduating from St. Bonaventure University in 1950 Mr. Kuebler has worked continuously with the Construction Industry. Prior to his appointment with the AGC he was Executive Secretary of the New York Concrete Pipe Association. Mr. Kuebler is well known to owners, engineers, contractors, suppliers and associated industries throughout the northeast and has become one of the Industry's prominent spokesmen with the various agencies and political bodies in this area.

JAMES A. LEONARD, Jr. is Manager of the Power Group for Walsh Construction Company. He attended Roanoke College and holds a Civil Engineering degree from Virginia Polytechnic Institute. Jay has been affiliated with Walsh since 1948 starting as a Survey Party Chief rising to the position he now holds.

JOHN WILLIAM LEONARD is Vice President & Chief Engineer with Morrison-Knudsen Company, Inc. He holds a Civil Engineering degree from Massachusetts Institute of Technology which he earned in 1947. Among the hundreds of millions of dollars worth of projects he has handled for the M-K firm he was responsible for the planning and design of the construction plant for the substructure of the Tagus River Bridge at Lisbon involving the construction of the deepest pier in the world.

NORMAN W. LLEWELLYN is President & Chief Executive Officer of The Lane Construction Corporation a firm of heavy and highway General Contractors headquartered in Meriden, Connecticut. He attended Manchester University, Manchester, England where he earned a B.S. (Tech) Hons degree in 1946 and in 1949 earned a Master of Science degree from Massachusetts Institute of Technology. He has been with The Lane Construction Corporation since

1951 and is an active member of the New York State Chapter AGC having served on their Specifications Committee. Mr. Llewellyn is a Fellow of the American Society of Civil Engineers and a P.E. in the State of New York.

MORRIS LOSHINSKY is currently serving as Deputy Chief Engineer (Construction) for the New York City Transit Authority. He is responsible for the supervision of all phases of subway construction in the five boroughs of New York City. He is a graduate of City College of New York where he earned a Civil Engineering degree in 1958. He has been with the NYC TA since graduating from College and has worked on much of the construction done by this agency over the past twenty years including cut and cover subway sections, subway platform extensions and the construction of various transit facilities.

BOISE F. MACON is Vice President & Manager of the Heavy Construction Division, J. A. Jones Construction Co., headquartered in Charlotte, North Carolina. He is a graduate of the University of Cincinnati where he earned his Civil Engineering degree in 1943. "Mac" has spent over 30 years in the Industry, starting as an Engineer, Superintendent, Project Manager and since 1974 Manager of Jones' Heavy Construction Division. He has worked on such notable projects as the John Kerr, Buford, Warrior and Oologah Dams; and the Philpott Power House. He is currently in overall charge of the firm's heavy work which includes the Smithland Dam, Port Mayaca Lock & Dam and the redevelopment of Mitchell Dam.

FRANCIS E. MCGAHAN is currently Project Manager for the joint venture (Steers-Buckley-Gates-Spearin) at the \$33 million Red Hook Water Pollution Control Project in Brooklyn. Frank joined Steers in 1949 shortly after graduating from Manhattan College with a Civil Engineering degree. During the next eighteen years he worked for them first as transitman to project engineer to superintendent. From 1967 until recently he handled field work as General Superintendent for other contractors in and around the Metropolitan area. He is a Professional Engineer licensed in the State of New York and a member of the National Society of Professional Engineers and the New York State Society of Professional Engineers.

DANIEL P. MCGEEHAN is a Vice President (Marketing) for Atlantic Cement Company, Inc. He is a 1951 graduate of St. Mary's College in California. Mr. McGeehan has spent nearly all his adult life in the Cement Industry, employed by North American and Marquette prior to 1962 when he joined Atlantic. In his present position he is responsible for determining the marketing policy which includes the pricing of cement and related products on all construction including heavy construction in the Atlantic Cement marketing area, extending on the Eastern Seaboard from New England to Florida.

J. RONALD O'BRIEN is President of Capossela Construction Corporation. The firm's principle business is the installation of underground utilities in the Metropolitan area. Mr. O'Brien has spent the last twenty five years or more in the heavy construction industry having worked for contractors on major highway, bridge, and sewer construction.

MARIO A. POSILLICO is President of J. D. Posillico, Inc. headquartered in Farmingdale, New York. Mr. Posillico is a Lehigh University Graduate with an Engineering degree which he earned in 1956. He also is a Meteorology US Naval Post Graduate. The firm founded by his father, Joseph, has become one of the leading contractors in the Metropolitan area. Currently they are heavily involved in sewer construction and have successfully completed bridges and major highway projects on Long Island. Mr. Posillico currently serves as President of the Nassau Suffolk Contractors Association and is a former Director of the Associated General Contractors of America (Region 10).

GEORGE H. PRETAT a Vice President with Spearin Preston & Burrows, Inc., has spent his entire career in heavy and marine construction. A 1950 graduate of the Columbia School of Engineering Mr. Pretat joined SP&B and rose through the ranks as field engineer, superintendent and project manager to the position he now holds.

GEORGE A. RHOADS is Assistant Manager of the North Atlantic Division of Great Lakes Dredge & Dock Company. Mr. Rhoads is a 1952 Civil Engineering Graduate of the University of Illinois. He is a member of the American Society

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NEW MEMBERS

(Continued from Page 5)

of Civil Engineers; National Society of Professional Engineers; and the American Society of Military Engineers.

RICHARD J. ROBBINS, President of The Robbins Company enjoys a world-wide reputation as a designer and manufacturer of mining and tunnel machines. Since 1953 the firm has been engaged in the design and production of large-diameter tunnel boring machines. To date, 103 machines have tunneled approximately 350 miles on 195 projects. Dick Robbins, active in many national and international professional Societies has presented numerous papers on underground construction and mining at various symposiums world-wide. Mr. Robbins has a degree in Mechanical Engineering which he earned in 1956 from Michigan Technological University.

HARRY SCHNABEL, Jr. is President of Schnabel Foundation Company formed by Mr. Schnabel some twenty-odd years ago. The firm specializes in excavation bracing and underpinning and have performed over one thousand contracts on projects east of the Mississippi including sewage treatment plants, highways, bridges and subways. Mr. Schnabel has a Civil Engineering degree from Rensselaer Polytechnic Institute which he earned in 1950. He is a member of the American Society of Civil Engineers; American Subcontractors' Association and the Construction Contractors Council.

NORBERT E. TANKERSLEY is Project Manager & Chief Estimator of Arundel's Heavy Construction Division. After attending night classes over an eight-year period, Norbert received his Engineering degree from Johns Hopkins University in 1967.

KRISTIAN TONNING is a Vice President (Construction Staff Services) for Raymond International Builders, Inc., headquartered in Houston, Texas. A graduate of the University of Nevada where he earned a Civil Engineering degree in 1950, Kris went to work for Frederick Snare Corporation as a Structural Designer. He rose through the ranks for the next 17 years to Project Manager. In 1968 Kris joined Raymond and during the next 8 years held responsible positions with the firm. He was made a Vice President the position he now holds in 1976.



DAVID G. ARONBERG died at his home in Manhattan on May 19, 1979. He was 91.

He retired as Vice President and Project Manager for Walsh Construction Company in 1967 after over 30 years of service with that firm.

For Walsh he served as Project Manager on the construction of the United Nations permanent headquarters, the New York Coliseum, the Canada House and Lincoln Center, NYC; the U. S. Post Office and Court House and the foundations for the Lincoln Memorial, Washington, D.C.; several theaters in Brooklyn, Detroit, St. Louis and San Francisco; and the State Capitol of Missouri in Jefferson City.

He is survived by his wife, Dorothy; two daughters, Lois Aronberg and Jane Culcin; and two grandsons.

Student Awards . . .

1979/80 marks the seventh year for The Moles' Student Awards. The program has been welcomed with enthusiasm by the engineering departments of the colleges as well as the individual students who have received these Awards over the years. 1979 Awards presented so far with certificate and \$100 each went to: Stephen A. Bell — Fairleigh Dickinson University; Richard J. Cieri — Rensselaer Polytechnic Institute; Mark Faeth — Polytechnic Institute of New York; Gregory Francfort — Rutgers University; Michael Geller — SUNY at Farmingdale; Steven W. Josephs — Princeton University; Mary Lou Ungerleider — Columbia University; and Kenneth Anton and James Szeluga from Stevens Institute of Technology shared the Award each receiving a certificate and \$50.

CHARLES F. VACHRIS is President of Vacar Construction Corp. The firm specializes in heavy, marine and underground construction. Mr. Vachris is a 1961 Engineering Graduate of Yale University; and received his Masters degree from Columbia in 1968. He is a member of the American Society of Civil Engineers, National Society of Professional Engineers and the American Arbitration Association.

ROBERT L. WATSON, Jr. is Vice President & General Manager of Dravo Corporation's Civil, Mining & Marine Division. He is a graduate of the University of Illinois where he earned a Civil Engineering degree in 1953. He is a member of The Beavers; Engineers Society of Western Pennsylvania; Association of Bituminous Contractors; and the Associated General Contractors of America.

We continue to receive letters of appreciation from both students and faculty for the effort that the Education Committee of The Moles puts forth to encourage young engineers into the Industry. This is evidenced by excerpted paragraph from a recent letter received from Prof. Ed Dauheimer, New Jersey Institute of Technology. "*On behalf of NJIT and, in particular, the Civil and Environmental Engineering Department, I would like to express our appreciation for the very generous and thoughtful student award and field trip programs sponsored by the Education Committee. Our students are still talking about the field trip to the Passaic Valley Sewage Treatment Plant.*" — (Photos of the field trip referred to above appear on page 8 of this issue.)

Largest Competitively-Bid Civil Works Award by COE to M-K and associates

A contract that ranks as the largest civil works award ever made by the U.S. Army Corps of Engineers was received on March 29 by Morrison-Knudsen as sponsor of a joint venture with Brown & Root and Martin K. Eby. The contract totals \$270,601,000 and was awarded on a competitive-bid basis by the Nashville District of the Corps. It covers construction of what is known as Divide Cut Sections 4 and 2A of the Tennessee-Tombigbee Waterway and is centered in Tishomingo County of Mississippi near the town of Corinth.

Essentially an earthmoving project of massive proportions, the work involves excavation of approximately 95,000,000 cubic yards of material to open an 11.3-mile section of the "TennTom" Waterway through a natural divide that separates the Tennessee and Tombigbee Rivers at Demopolis, Alabama, to the Pickwick Reservoir on the Tennessee River near Iuka, Mississippi, and will permit barge traffic from the Tennessee River directly to the Port of Mobile. The over-all development will include five dams and 10 locks and is now approximately 30% complete.

M-K and their associates will have 1,800 calendar days to complete the new contract and will employ nearly 100 units of heavy equipment to carry out the job, including scrapers, hydraulic shovels, 50-ton end-dump trucks and 70-ton bottom dumps, plus a number of draglines and elevating loaders.

Opening the waterway through the divide will require excavation ranging from 29 feet to 114 feet below existing grade in order to provide barges with a minimum water depth of 26 feet within a channel averaging 800 feet in top width and 280 feet in bottom width. Most of the excavated materials will go into disposal areas adjacent to the channel. The work also includes placement of more than 1,000,000 tons of slope-protection stone and erection of two major concrete drainage structures. The volume of material to be excavated in the 11.3-mile stretch of waterway is nearly half of the total removed to open the entire Panama Canal. This indeed is a challenging job.



HENRY T. PEREZ died of cancer at his home in White Plains, N.Y. on June 15, 1979. He was 63.

Mr. Perez was Editor of Construction Methods & Equipment a trade journal published by McGraw Hill until his retirement in April 1977. He had been on the CM&E staff since 1946 after serving as a lieutenant (j.g.) in the U.S. Naval Reserve aboard the USS Portsmouth.

A 1940 Cooper Union graduate he began his career as an engineer with Dry Dock Associates, a joint venture of Spencer White & Prentis; Merritt-Chapman & Scott Corp.; and Foley Bros., building a dry dock for the Norfolk Navy Yard. Later while employed by M-C&S he was on the salvage operation of the SS Normandie, an ocean liner which had burned and capsized in its slip in the Port of New York.

Henry was a Fellow in the American Society of Civil Engineers and a member of the Society of American Military Engineers. He also belonged to the Construction Writers Association and served in the construction section of the National Safety Council. During his editorial career he traveled to construction sites throughout Europe, Japan and every state in the Union except Hawaii.

He became a member of The Moles in 1947 and in 1977 when he retired he was granted Emeritus Status. He had served as Trustee during the period from 1957 through 1959 and had been The Moles' Publicity Committee Chairman from 1955 through 1957.

He is survived by his wife, Rosanna; a daughter, Annita; two sons, Richard and Henry T. Jr.; a sister, Marjorie Scribner and five grandchildren.

C.O.E. Selects Contractors for Air Bases in Israel

The U.S. Army Corps of Engineers have selected two contractors to design and construct two military air bases in Israel's Negev Desert. Major General James A. Johnson, Division Engineer of the Corps' North Atlantic Division Office, announced the selection of Negev Airbase Constructors, a joint venture of Perini Corporation, sponsor, Framingham, Mass.; Harbert Construction Corporation, Birmingham, Ala.; Paul N. Howard Company, Greensboro, N.C.; and Louis Berger International Inc., East Orange, N.J., to construct one of the air bases. The other air base will be constructed by Air Base Constructors, a joint venture of Guy F. Atkinson Company, sponsor, San Francisco, Calif.; Dillingham Corporation, Honolulu, Hawaii; and Nello L. Teer Company, Durham, North Carolina, in association with Tippets-Abbett-McCarthy-Stratton (TAMS of New York City).

Construction will include runways and parking aprons, aircraft shelters, and other operational and support facilities, including utilities, roads, and housing. The construction effort will begin immediately, and the air bases will be initially operational within three years. The bases, which will cost a total of about \$1 billion, will replace two military airbases in the Sinai Desert that Israel is relinquishing under the terms of the Israeli-Egyptian peace treaty.

• CHARLES B. MOLINEAUX, JR., of the law firm Gadsby and Hannah was a key participant in the "Arbitration Day" program, sponsored by the American Arbitration Association, held on May 24th at The New York Hilton. Mr. Molineaux who is also an arbitrator on the construction panel of the AAA, spoke on the opening panel "The Construction Arbitrator: Powers, Duties and Responsibilities" of the Construction Seminar. The American Arbitration Association is a not-for-profit organization that encourages the voluntary resolution of disputes through arbitration, mediation, and other peaceful methods of dispute settlement.

— Students' Day 1979 —

