

NEWS BULLETIN

AN ASSOCIATION OF INDIVIDUALS



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

HOLING

THROUGH

JULY, 1997

FIFTY-NINTH ANNUAL BUSINESS MEETING



Photo Above: Retiring President, CHARLES F. VACHRIS (LEFT) receiving Past President's certificate from incoming President ROGER J. LUDLAM at the Annual Business Meeting and Dinner held at The New York Hilton Hotel on May 7, 1997. See article on page 2.

1997 MARKS 50 YEARS SINCE THE MOLES FIRST CAME TO TRAVERS ISLAND



The Travers Island Clubhouse looks as good today as it did when The Moles first came to Travers Island in 1947. Come out and celebrate this momentous event on Tuesday, August 5, 1997.

CLAMBAKE - 1947

From the January 1948 Issue of *Holing Through*.

“Clamless Clambake Big Success - 675 Attend

Broiled lobster and baked ham replaced clams at the Moles' Clambake Aug. 20, but nary a complaint was made by 675 members and guests who enjoyed the day and evening thoroughly. A change in scene found the clan gathered at the Travers Island grounds of the New York Athletic Club in Pelham, N.Y., an ideal spot for the occasion.

A buffet luncheon, well stocked with whole baked hams, started the proceedings. Refreshment stands at two levels in the clubhouse enabled the crowd to get into a good mood for the afternoon activities.

Sweet revenge was wreaked by The Moles softball team against the Department of Public Works team for a long series of humiliations in this annual contest, for The Moles triumphed 11 to 7. A keg of beer at first base kept the contestants going through a drizzle during the last three innings.

Other activities included golf at Split Rock Country Club, swimming, horseshoes, golf pitching, spike driving, barrel tossing and egg tossing.

A lobster dinner was a grand climax to the afternoon program, and set the crowd up to enjoy the splendid show arranged by Frank Loughman and presented in a big tent.”

The Moles relishes its traditions. Come out and participate in another great Clambake.

ANNUAL BUSINESS MEETING

The fifty-ninth Annual Business Meeting of The Moles was held at The New York Hilton Hotel on Wednesday evening, May 7, 1997.

The first event on the program was the lecture by AL MATHEWS on the evolution and implementation of Dispute Review Boards (DRBs). AL made his talk most interesting by weaving his experience with DRBs with their application to specific projects. Approximately 125 members attended the lecture.

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

Bob Gates and Dave Werblin were present to receive their 40 year certificates. See photos to the right.

Reports were given by all of the Committee Chairmen. This meeting completed the terms of Frank McGahan, Chairman of the Publicity Committee, Tony Mazzo, Chairman of the Education Committee, Trustee Charlie Davidson and Past President Elmer Richards.

The officers and new Trustees were then introduced. New Trustees are Sal Mancini, Bill Gilfillan, John Kolaya (Chairman of Education Committee), Larry Lehman, (Chairman of Publicity Committee) and retiring President Charlie Vachris.

After turning over the gavel to new President Roger J. Ludlam, Charlie Vachris thanked The Moles staff for their help and recounted as to what an honor and enjoyable experience it was for him to serve as President of this great organization.

There was a fine turn out of members at the meeting and they continued to socialize after the adjournment of the formal activities.



Bob Gates receives his 40 year certificate from President Vachris.



President Vachris presents 40 year certificate to Dave Werblin.

THE MOLES

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

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

The Moles' office is located at 577 Chestnut Ridge Road, Woodcliff Lake, New Jersey 07675. Telephone: 201-930-1923 Fax: 201-930-8501 Executive Director: Gerard J. Carty, P.E.

MC ALINDEN SCHOLARSHIP WINNERS

Member, JOSEPH A. MC ALINDEN, bequeathed \$100,000 to the Moles for the establishment of scholarships for the children and grandchildren of Moles' members. The first scholarships were awarded last year. To be eligible, the child or grandchild of a member must have completed at least two years of undergraduate studies at an accredited college or university (graduate students are not eligible). This year, the Finance and Education Committees determined that six \$1,000 scholarships would be made available. Over thirty candidates were submitted and a drawing for the six scholarships was held at the May Business Meeting and Dinner. The six lottery winners are: Robert Cologne, grandson of Bob Lenz; Niamh Doherty, granddaughter of Hugh Doherty; Denis Flaherty, son of Brian Flaherty; Robert B. Maloney, grandson of Robert J. Maloney; Peter Marashlian, son of Zohrab Marashlian; and Leigh Schmeltz, daughter of Ed Schmeltz. Congratulations to our six winners and thanks Joseph A. McAlinden of thinking so much of The Moles and leaving this bequest from which the scholarships are funded.

GENERAL SCHOLARSHIP FUND

All Moles' members have received the brochure describing this recently established fund for the benefit of deserving students studying civil engineering. The Fund Drive is currently underway. Many members have already been contacted. Those who have not yet been contacted, will be over the next few months. This is a wonderful opportunity to return something for all that we have received from our Moles membership.

NEWS OF MEMBERS.....

JIM BRADY presented a paper at the "Rapid Excavating and Tunneling Conference" held in Las Vegas in June.....STEVE GREENFIELD recently received the Society of American Military Engineers Academy's Golden Eagle Award. The other awardee was former Secretary of Defense, Dick Cheney.....JOE GRIFFITH retired on May 30th as Senior Construction Manager of the Massachusetts Water Resources Authority. The June 16, 1997 issue of ENR contained an appropriate article about his retirement and his accomplishments in the tunneling field. Joe had worked for S.J. Groves, Gates & Fox and Morrison Knudsen before joining the MWRA to oversee construction of the Deer Island outfall tunnel and inter-island tunnel..... EUGENE D. JONES has a lot to be proud of. He recently retired as a Director of Aquarion Company (one of the largest private water companies in the United States). In recognition of his services, the company established the "Eugene and Betty Jones Engineering Scholarship for Minority Students" with the Greater Bridgeport Area Foundation. Gene was also honored by the Connecticut Society of Civil Engineers with the Benjamin Wright Award. Previous Moles members to receive this award were NORM NADEL in 1985 and CHARLIE THORNTON in 1995. Although retired from Aquarion Company, Gene continues to be active as Senior Vice President of URS Greiner, Inc.....JEFFREY M. LEVY was recently elected President of The EMCOR Group, one of the largest mechanical and electrical companies in the country..... Moles President, ROGER J. LUDLAM, has joined Perini Corporation as Vice President. It is expected that he will succeed Don Unbekant as Executive Vice President upon Don's retirement at the end of this year.... PRISCILLA NELSON, formerly Professor of Civil Engineering at the University of Texas at Austin, is Program Director in the Directorate for Engineering at the National Science Foundation.....JERRY NEUMANN, JR. was honored as "Good Scout" Honoree by the Greater New York Councils of the Boy Scouts of America at its luncheon on March 25th in the Sheraton New York Hotel.....TONY O'CALLAGHAN of Universal Builder Supply is very proud of some of his companies recent projects: providing the scaffolding for the renovation of Grand Central Station and the Jefferson Memorial as well as the largest hanging deck ever built, at the Swiss Bank project in Stamford.....BIRGER SCHMIDT has moved to Singapore where he is serving as Deputy Project Director for the CH2M/Parsons Brinkerhoff Joint Venture for the Deep Tunnel Sewerage System Project. The project entails the construction of 80 Km of deep tunnels, 160 Km of link sewers, an ocean outfall and a treatment plant. Good luck, Birger, with this challenging project.....DON UNBEKANT was honored by the Cardinal's Committee of the Laity of the Archdiocese of New York at its Seventeenth Annual Construction & Building Industry Award Dinner-Dance at the Sheraton New York Hotel on May 16th. Don follows several other Moles members honored in previous years: ED CRUZ, GEORGE FOX, JIM MORIARITY, JERRY NEUMANN, SR., JOHN SAUNDERS, JIM SLATTERY AND KEN TULLY.

A LITTLE MORE FROM THE ARCHIVES - THE JULY 1972 HOLING THROUGH

Reported on the following:

The death of Lou Perini at the age of 68The election of Admiral Pete Corradi as President of The Moles.....Report on Students Day - "On Friday, April 15, 1972, 284 student engineers were given the opportunity to see first hand construction on the MTA's 63rd Street Tunnel at Central Park South".

NEW MEMBERS



Left to Right: Christopher P. White, Stephen J. Suhowastsky, Michael J. Driscoll, Jr., William J. Feters, Joseph B. Haines, Simeon Beer, William V. McGuinness III, Peter E. MacKenna, Charles F. Madden, Dale Pyatt, Lelio Marino, Francis J. Lombardi

SIMEON BEER is Owner and President of River Pile & Foundation Company, Yonkers, New York. He is a Professional Engineer and a 1957 Civil Engineering graduate of City College.

THOMAS M. BROWN joined Guy F. Atkinson Company in 1964 upon graduation from Montana State University with a Civil Engineering Degree. He has been with Atkinson since that time and he is now Senior Vice President in charge of Engineering and Estimating.

ALFONSO DALOISIO, JR., attended Villanova University and is President and Owner of Railroad Construction Company, Paterson, New Jersey. He has been very active in industry and community affairs and is currently serving as President of the Associated General Contractors of New Jersey.

ANTHONY M. DE PASQUALE is a Civil Engineering graduate of the Polytechnic Institute of New York and works with Charlie Vachris at

Vachris Engineers. Prior to earning his degree he worked as a dockbuilder on various marine structures.

MICHAEL J. DRISCOLL, JR., is Vice President of Operations for Driscoll Construction Company, Inc., a Philadelphia based construction company. He is a Civil Engineering Graduate of the University of New Hampshire.

WILLIAM J. FETERS is Chief Engineer and Construction Manager of Buckley & Company, Inc. He is a 1973 Civil Engineering graduate of the University of Delaware.

ROBERT W. FOSTER has been with Moretrench American Corporation for 11 years and has been Project Manager on a number of ground freezing, slurry trench and dewatering projects in New York City and in the Eastern United States.

DAVID S. GEDNEY is Executive Vice President of Infrastructure Flour Daniels, Inc. He previously worked for Morrison Knudsen and is a Civil

Engineering graduate of Tufts University and holds a Masters Degree in Civil Engineering from Purdue University.

STUART E. GRAHAM is a 1967 graduate of Holy Cross College and is President and CEO of Slattery Associates, Inc.. He also serves as Chairman of Sordonoi Skanska and Skanska E & C.

JOSEPH B. HAINES is President of Kaufman Construction Company, Inc., Philadelphia, PA. He graduated from Drexel University with a Civil Engineering Degree in 1975 and earned an MBA from Temple University in 1984.

WILLIAM H. HANSMIRE is a Principal with Jacobs Associates, San Francisco, CA. He had been with Parsons Brinkerhoff for almost 20 years before joining Jacobs. He has earned Bachelor, Master and Doctor Degrees in Civil Engineering.

THOMAS IOVINO is President and Owner of Judlau Contracting, Inc., Centerport, NY. He earned Bachelor and Master Degrees from Rensselaer Polytechnic Institute.

GERARD M. KENNY is President of Kenny Construction Company. He is a graduate of Georgetown University and has an MBA from Northwestern University.

FRANCIS J. LOMBARDI is Chief Engineer of The Port Authority of New York and New Jersey. After receiving a degree from Queens College he went on to earn his Civil Engineering Degree from New York University and a Masters Degree from Columbia University.

PETER E. MAC KENNA is Vice President of Operations for Underpinning and Foundation Constructors, Inc. He attended Manhattan College and prior to joining Underpinning he was with Falco Construction Company.

CHARLES F. MADDEN is Executive Vice President of Modern Continental Construction Company. Prior to joining Modern, he was an executive with the Metropolitan Boston Transit Authority.

LELIO MARINO is Founder and President of Modern Continental Construction Company. He earned a Civil Engineering Degree from the Technical Institute of Chieti, Italy.

WILLIAM MASCETTA is Secretary and Treasurer of Halmar Builders of New York. He holds an Associates Degree in Civil Technology and a Bachelor of Science Degree from Iona College.

WILLIAM V. MC GUINNESS III is Project Manager for Slattery Associates currently responsible for the 63 rd Street Subway Extension Project. He earned a Civil Engineering Degree from the University of Virginia.

LAWRENCE B. NADEL is President of Nadel Associates, Brewster, New York. He previously worked for Mac Lean Grove & Company and holds a Bachelors Degree from Tulane University.

DALE H. PYATT is President of Jay Cashman, Inc. He has a Bachelors Degree in Civil Engineering from the University of Florida and a Masters Degree in Civil Engineering from MIT.

JACK J. RAIMONDI is Vice President, Sales and Marketing for



Left to Right: Lawrence B. Nadel, Vincent A. Tirolo, Jr., Anthony P. Tirro, Stuart E. Graham, Alfonso Daloisio, JR., Thomas W. Brown, Ronald A. Wiss, Jack J. Raimondi, Thomas Iovino, David S. Gedney, Robert W. Foster, William Mascetta, Anthony De Pasquale

New York Trap Rock Corporation. He attended Adelphi College.

LARRY RAYBURN is President of Richard Goettle, Inc., Cincinnati, Ohio. He earned a Bachelors Degree in Civil Engineering from the University of Cincinnati.

STEVEN J. SUHOWATSKY is President and Chief Executive Officer of Syracuse Supply Company. He earned a Bachelors Degree from Delta State University and a Masters degree from the Wharton School of the University of Pennsylvania.

VINCENT TIROLO, JR., is Chief Engineer of Slattery Associates, Inc. He holds Bachelor and Masters Degrees in Civil Engineering from City College.

ANTHONY P. TIRRO is Manager of Field Operations for Warren George, Inc. He attended Mercy College.

PETER G. VIGUE is President and Chief Operating Officer of Cianbro Corporation. He is a graduate of

Maine Maritime Academy with a Bachelor of Science Degree.

CHRISTOPHER P. WHITE is Senior Engineer for Grow Tunneling Corporation. He holds a Civil Engineering Degree from the University of Evansville.

RONALD A. WISS is Chairman and Chief Executive Officer of Edwards and Kelcey, Inc. He earned a Civil Engineering Degree from Newark College of Engineering.

WELCOME NEW MEMBERS

**YOU HAVE BECOME A
MEMBER OF A
REMARKABLE
ORGANIZATION. LETS
ALL BE ACTIVE
MEMBERS.**

THE MOLES CALENDAR OF EVENTS

**ANNUAL CLAMBAKE
TUESDAY, AUGUST 5TH
TRAVERS ISLAND**

**ANNUAL FALL MEMBERS
DINNER
WEDNESDAY
NOVEMBER 5, 1997
NEW YORK HILTON
HOTEL**

**AWARD DINNER
WEDNESDAY
JANUARY 28, 1998
NEW YORK HILTON
HOTEL**

Rooms at The New York Hilton Hotel

In addition to the arrangements we have with The New York Hilton Hotel for special rates for rooms at the time of the Annual Award Dinner in January, members can also obtain special room rates for the May and November Members' meetings and for the June, September and October Award Committee meetings. The rate is \$190.00 for a Standard Room and \$220.00 for a Tower room. You need, however, to call these weeks in advance to assure availability.

1998 Winter Meeting

An Ad Hoc Committee has been appointed to determine the location for the 1998 Winter meeting. It is expected that the meeting will take place February 26 to March 1, 1998. Please mark these dates on your calendar. More detailed information will be available in the November Holog Through.

A MOMENT OF SILENCE

ROBERT B. JEWELL died on February 26, 1997 at the age of 90 in his home in Lexington, Kentucky. He was a 1928 graduate of Lehigh University with a Degree in Civil Engineering. His first job was with the Port Authority where he worked on the construction of the George Washington Bridge. In 1939 he joined the Mason & Hanger Company, a then prominent heavy construction company, where he spent the remainder of his career, serving as Vice President and Chief Engineer.

The Moles office only recently became aware of the death of RUDOLPH H. PETERS. Rudy spent most of his career with United Engineers and Constructors from which he retired in 1974 as Vice President. He graduated with a Civil Engineering Degree from Newark College of Engineering in 1937 and worked for Bethlehem Steel Company before joining the Navy in 1942. Upon discharge from the Navy he joined United Engineers. At the time of his death he lived in Front Royal, Virginia.

MAY 7TH BUSINESS MEETING

The May and November Members meetings have added a new event - a lecture on an interesting subject by a prominent Moles member. So far we have had Jack Lemley talking about the Channel Tunnel and Al Mathews discussing Dispute Review Boards. The Program Committee is now considering a speaker for the November meeting. Please contact The Moles office if you have any ideas.



Al Mathews making a point during his lecture on Dispute Review



Tony Mazzo holding bowl while John Kolaya draws a McAlinden Scholarship winner.

GROW TUNNELING CORPORATION CELEBRATES ITS 50TH YEAR

Grow was formed in 1946 as Grow Construction Co. by Charles Goodman and members of his family. Goodman was a 1905 graduate of Cooper Union, who upon receiving his civil engineering degree, joined the New York City Board of Water Supply. He worked on the construction of the Catskill Aqueduct and by 1916 had risen through the ranks to Acting Division Engineer.

At that time (1916), he decided to go into business for himself, forming a construction firm in partnership with William Heyman. The firm specialized in tunnels and other underground work. The company grew and prospered during the 1920's and '30's, building many sections of the New York City subway system. It also constructed a large section of the Philadelphia subway system.

After the war, the Goodman family formed Grow Construction Co. Charles Goodman's son, Robert, led the firm for the next 23 years and continued the company's work in New York City underground construction.

The company's initial contract was for the midstream shaft of the Brooklyn Battery Tunnel, which required sinking a 51 ft. by 111 ft., 10,000 ton caisson down to 80 feet into rock. At that level, a tunnel was constructed that connected the two main tunnels. All of the work was done from an octagonal, man made island in New York Harbor near Governor's Island. The project took 3 1/2 years to complete.

After Charles Goodman died in 1963 and Robert Goodman in 1969, Grow Construction Company was dissolved and Grow Tunneling Corp. was formed by the three remaining



GEORGE A. FOX

principals of the firm: Henry Jacoby, George Fox and William Goodman, with Slattery Associates as the major investor.

Henry Jacoby led the company for the first 10 years and then was succeeded as CEO by George Fox in 1979, with the three principals continuing to act as a leadership triad. Jacoby focused on the electrical and mechanical aspects of construction, Bill Goodman on financial and insurance matters and George Fox on estimating and operations.

Paul DeMarco, who had led Morrison-Knudsen's underground division, joined Grow in the mid 1960's and was in charge of field operations until his retirement in 1985. Len Epstein, who joined Grow in the 1960's as a field engineer, succeeded DeMarco in handling field operations and is presently Executive Vice President. Peter Schneidkraut, who joined Grow in 1978, was named President of Grow three years ago.

Grow Construction and its successor, Grow Tunneling, have operated

primarily in New York City but have also completed subway and tunnel projects in Atlanta, Baltimore, Chicago, Milwaukee, Buffalo, Rochester and Washington, D.C.

A large part of Grow's work during the past two decades has been City Water Tunnel No. 3. The company and its joint-venture partners constructed nine of the twelve contracts on Phase I. Grow's second Phase II project is now under way - a five mile section of 23 ft. diameter tunnel being built 670 to 780 ft. beneath Queens. Its first Phase II project was the 550 ft. deep Newton Street Shaft in Brooklyn. Completion of the entire City Water Tunnel No. 3 program is scheduled for the year 2015.

The Grow organization has always been very active in The Moles. All of the people mentioned above are or were members of the Moles: Robert Goodman, George Fox, Henry Jacoby, Bill Goodman, Paul De Marco, Lenny Epstein and Peter Schneidkraut.

George Fox received The Moles Member Award in 1979 and Peter Schneidkraut currently serves as Treasure of The Moles.

Robert Goodman's son, David Goodman, worked for Grow Construction Company during his early career but left over ten years ago to organize United American Energy Corporation, a developer of hydroelectric and fossil power plants. David Goodman is also a member of The Moles.

Grow Tunneling Corp. was acquired by Kiewit in September 1988 but continues to operate under the Grow name. Some of this article was excerpted from the November-December 1996 issue of KIEWAYS, the Magazine of Kiewit Construction Group Inc.

1997 MOLES' STUDENTS DAY

All Moles members can be justly proud of the efforts of the Education Committee in organizing and sponsoring another successful Students Day. This year's site was again the work being performed on the 63rd Street Subway extension in Queens Plaza, New York City by Laquila Construction and the Joint Venture of Slattery-Perini.

It takes a lot of ingredients to make these endeavors successful. In addition to the site, a meeting place is required for the students to gather and receive the briefings about what they are about to see. Speakers are needed to make the briefings. Approximately 275 hard hats are needed for distribution to those present. The various stations at the construction site where the students will stop to be told about what is going on need to be determined and staffed by competent people to explain what is going on. Lunch for this large group needs to be received and distributed.

The Moles is thankful that it always has had a devoted group of members to serve on the Education Committee to pull this event together. Tony Mazzo, Chairman, John Kolaya, Vice Chairman, and the members of the Committee are to be congratulated for their splendid work. They were also supported by a loyal cadre of Moles members who consistently turn out to assist on this day. The cooperation and assistance of the New York City Transit Authority has been vital to the success of this event. George Tamaro and Bill McGuinness made excellent presentations from which the students learned much. Laquila and Slattery-Perini could not have been more helpful.

And finally we thank all of our member's firms who contributed hard hats this year and in the past.



Coffee and doughnuts to start the day.



Students listening to initial briefing.



Traversing site and getting mud on their boots.



Students receiving briefing at one of the stations.