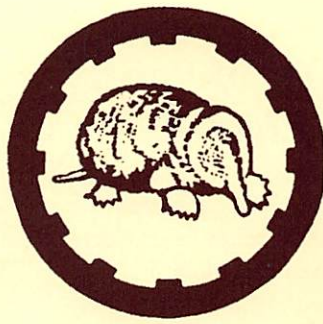


NEWS BULLETIN

AN ASSOCIATION OF INDIVIDUALS

HOLING



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

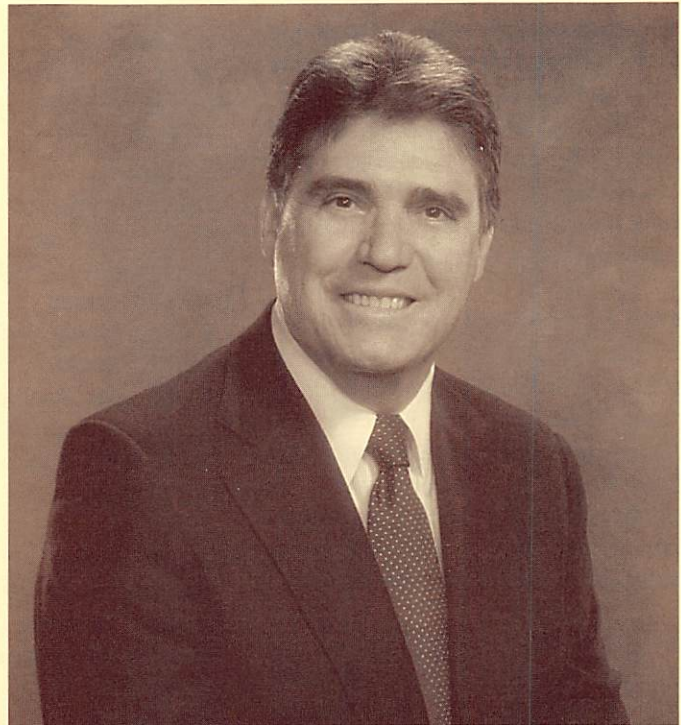
THROUGH

APRIL, 2003

EDWARD CRUZ ELECTED PRESIDENT of THE MOLES

EDWARD CRUZ, President of E.E. Cruz & Company, Inc., has been elected to serve as President of The Moles for the year 2003/2004. He will receive the gavel from retiring President, Peter S. Schneidkraut, at the Annual Business Meeting and Dinner to be held on Wednesday, May 7, 2003 at The New York Hilton Hotel.

Other officers elected are: First Vice President, JOHN L. KOLAYA, Yonkers Contracting Company, Inc.; Second Vice President, THOMAS J. O'NEILL, Parsons Brinckerhoff, Treasurer, ALFRED H. BRAND, Mueser Rutledge Consulting Engineers; Secretary, JOHN F. MC NAMARA III, Modern Continental Construction Company, Inc; Sergeant-at-Arms, JOHN CHOW, Consultant.



EDWARD CRUZ

Trustees elected for three (3) year terms are: ROBERT E. ALGER, the Lane Construction Company; STEPHEN J. BARLOW, J.F. White Contracting Company; JOSEPH F. MALANDRO, E.E. Cruz & Company, Inc.; and KIRK R. SAMUELSON, Peter Kiewit Sons, Inc..

EDWARD CRUZ was 9 years old when his father emigrated to this country from Portugal in 1950. Settling in the Ironbound section of Newark, his father started a small company, initially doing foundation work at Levittown on Long Island and then getting into utility work in northern New Jersey..

Ed earned a Bachelor of Science Degree in Civil Engineering from New Jersey Institute of Technology in 1963 and worked for a number of years for his father's company, Cruz Construction Company. He and his cousin Everett headed up the operation of that company and were responsible for the construction of a major section of Boston's Northeast Rail Corridor Project; the design and installation of an emergency water main across the George Washington Bridge; and the Round Valley, New Jersey water pipeline, one of the largest projects constructed in New Jersey at that time.

In 1984, he and his cousin Everett (a Moles member) founded E. E Cruz & Company, Inc. and since that time have

(continued on Page 2)

Edward Cruz

(continued from page 1)

developed the company into a major contracting company in the New York metropolitan area. The company pioneered the use of microtunneling to install deep sewer tunnels in New York and New Jersey; it has constructed bridges and roads for the NJ Turnpike Authority; it has reconstructed Columbus Avenue in New York City; constructed Monorail tunnels at JFK International Airport; and built the foundations for the Goldman Sachs Building in Jersey City, New Jersey. The company is presently constructing a \$250 Million storm water retention facility at Flushing Bay in New York; has five construction contracts in progress for the Port Authority at Newark Airport; and is set to start a tunnel on the extension N. J. Transit subway system in Newark, N.J.

Ed is a Licensed Professional Engineer. He was the recipient of New Jersey Institute of Technology's Edward F. Weston Medal, awarded by the Board of Trustees for outstanding personal and professional achievement by an alumnus; and was cited as Construction Man of the Year by his New Jersey colleagues in the construction industry.

Ed has served as President of the National Utility Contractors Association and as President of the General Contractors Association of New York City and he continues to serve on the Executive Committee of the General Contractors Association. He has also served on the Board of Directors of the New York Building Congress and is on the Board of Trustees of the Associated General Contractors of New Jersey.

Ed and his wife, Sharon, live in New York City and have four children: Robin is an attorney and Vice President of Fleet Bank; Jeffrey is a Project Manager and Senior Vice President of E.E. Cruz & Co.; Kelly McCullers is a grade school teacher in Alexandria, Virginia; and Susan Barkey is in the fashion industry in New York City. Ed and Sharon are proud grandparents of eight grandchildren.

19 New Members

Elected

At the Executive Committee meeting on April 1, 2003 nineteen new members (listed below) were elected to membership in The Moles.

Michael Attardo
Slattery Skanska
Wesley Bermel
Judlau Contracting
Forrest W. Bradbury
Northeast Drilling, Inc.
William R. Beloff
GZA GeoEnvironmental, Inc.
Connie Crawford
MTA NYC Transit
Raymond W. Henn
Haley & Aldrich
Henry Kuriel
Urban Foundation
Brent R. Leisenring
Elgood Mayo Company
Charles M. Levine
Barletta Heavy Division
Douglas B. Mackie
Great Lakes Dredge & Dock Co.
Charles J. Montalbano
E. E. Cruz and Company, Inc.
Alfred V. Neffgen
J. A. Jones
John H. O'Keefe
Spearin, Preston & Burrows
Kenneth R. Ouellette
Kiewit Construction Company
Michael J. Paquet
M.J. Paquet Inc.
John J. Raine
Kiewit Construction
Peter L. Rinaldi
The Port Authority of N.Y. & N.J.
Scott J. Spota
MacElroy, Co., Inc.
Andrew D. Walker
Nicholson Construction Company

The July issue of *Holing Through* will contain a brief profile of each new member.

Welcome to the Moles. The best way to benefit from your membership is to be an active member participating in the various activities; May and November Member Meetings; the Clambake and the Award Dinner.

Nine Members Celebrate 40 years

The following Moles members, elected to membership in 1963, will receive Life Membership, effective May 1, 2003.

WILLIAM J. CARROLL is living in Redondo Beach, California. Before moving to California, he was President of Carroll-McCreary Co. & Sylgab Steel & Wire Corp. A 1951 Civil Engineering graduate of RPI, he spent his career with reinforcing steel and related items. His father was also a member of The Moles from 1942 until his death in 1960.

MICHAEL DERELANKO spent most of his career with J. Rich Steers, retiring from the firm in 1984 after 35 years of service. Subsequently, he became a construction consultant specializing in the field of marine and bridge construction. He enjoys deep sea fishing and lives in Martinsville, New Jersey.

FRED J. DRISCOLL, JR. wrote this month and says he is doing well, living in Las Vegas, Nevada. He is sorry that he will not be able to receive his certificate in person on May 7th. After a long career with George F. Driscoll Company in New York City, Fred went on to be a Vice President of J.P. Morgan, overseeing some of their major construction work.

CHARLES (Chuck) W. EDGAR is faithfully present at all Moles functions and he plans to be present on May 7th to receive his 40 Year certificate. After earning his Civil Engineering Degree from West Virginia University, Chuck's career was with Morrisio Knudsen, Walsh Construction Company and Perini Corporation. At various times, he served as Chairman on the Publicity Committee, Trustee and Secretary of the Moles.

After graduating from Cooper Union in 1950, ROBERT G. LENZ's entire career, was with Moretrench American Corporation, from which he retired as President and CEO. He was recipient of The Moles Member Award in 1989. Bob is a recognized expert in dewatering and continues to work as a consultant from his home in Stuart, Florida.

Nine Members Celebrate Forty Years

(continued from previous page)

ROBERT J. MALONEY is a second generation Mole, his father, Ben R. Maloney, having been a member from 1941 until his death in 1977. Bob's son, Timothy R. Maloney, was also a member of The Moles but was killed in a tragic construction accident in August 2000. Bob founded Explo, Inc., in 1952 and spent his career with that company and other explosive companies he subsequently founded, serving the explosives needs of the New York Metropolitan area and New England until his retirement in 1987.

REUBEN SAMUELS was President of The Moles in 1973 and Member Award recipient in 1988. Rube is a graduate of Dartmouth College and earned a Masters Degree from Harvard University, studying soil mechanics and foundation engineering under renowned Professors Arthur Cassagrande and Karl Terzaghi. He then embarked on a 40 year career with Thomas Crimmins Contracting Company. In more recent years he has been putting his vast knowledge to work with Parsons Brinckerhoff. Rube will surely be at the May 7th Dinner to receive his 40 Year Certificate.

JAMES G. TRIPP, JR. is a second generation Moles member, his father, James G. Tripp, Sr., having been a member from 1945 until his death in 1971. Jim is a graduate of Cornell University and had a career in tunnel work with Winston Brothers until 1963 and then was with D.W Winkleman for three years before embarking on a number of overseas assignments in India, Bangladesh, Libya and Italy.

LEONARD VAN HOUTEN is another second generation Mole member. Van Houten, Sr., was a member from 1945 to 1977. After earning a Civil Engineering degree from RPI and working for Frederick R. Harris, he founded his own consulting engineering company, Van Houten Associates, in 1965.

NOVEMBER 2002 MEMBERS DINNER



25 YEAR MEMBERS: (left to right) Roger Ludlam, Charles Molineaux, Burt Kassap, Bernie Monahan, Pat Powers, and Jerry Neumann



LECTURE: On East Side Access Project prior to Dinner

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 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 07677. Telephone: 201-930-1923 Fax: 201-930-8501
Executive Director and Editor of Holing Through: Gerard J. Carty, P.E.

NEWS OF MEMBERS

NEW ASSIGNMENTS AND PROMOTIONS

ARTHUR B. CORWIN has been appointed President and Chief Operating Officer of Moretrench American Corporation. Art earned his Civil Engineering Degree from Polytechnic University in 1978 and joined Moretrench American shortly thereafter.

JOSEPH F. MALANDRO has been named Executive Vice President and Chief Operating Officer of E.E. Cruz & Company. Joe is a Civil Engineering graduate of New Jersey Institute of Technology and joined E.E. Cruz in 1985.

WILLIAM V. MC GUINNESS has been named Chief Operating Officer of Slattery Skanska. In this new position, Bill will be responsible for all day to day activities of the company. Bill is a Civil Engineering graduate of the University of Virginia and has been with Slattery for 29 years.

THOMAS F. PEYTON has joined Parsons Brinckerhoff as Senior Technical Manager. Tom has more than 30 years experience in the tunnel construction industry and will be involved in several of PB's ongoing tunnel projects in the New York metropolitan area, including the MTA Long Island Railroad's East Side Access project.

GARY W. WINSPER has been named Executive Vice President of Slattery Skanska and in this new assignment he will be responsible for the firm's activities in the New Jersey and Washington, D.C. markets. Gary has a Bachelors Degree in Civil Engineering from City College and a Masters Degree from Catholic University. He joined Slattery upon graduation from City College.

ORGANIZATIONS & HONORS

BRIAN C. KAUB, Vice President of Granite Construction Company, is the current President of the Construction Institute of the American Society of Civil Engineers.



JAMES CODDELL III, Secretary of the Kentucky Transportation Cabinet, was named 2002-2003 President of the American Association of State Highway Transportation Officials (AASHTO) at the Society's Annual meeting in Alaska in November. Jim's father, James C. Coddell, Jr., is a Life Member of The Moles.

JAMES CODDELL III

MICHAEL A. GREENBERG, of the New York City Department of Environmental Protection, and JOHN P. PICONE of John P. Picone, inc., will be honored by the Concrete Industry Board at its President's Ball on May 9, 2003 at the Waldorf Astoria Hotel.

KENNETH E. STINSON, President and CEO of Peter Kiewit Sons', Inc., will be honored at the 2003 ASCE Outstanding Projects and Leaders Awards (OPAL) Dinner on May 1, 2003 at the Omni Shoreham Hotel in Washington, D.C. He will receive an OPAL Award for his outstanding achievements in construction.

PETER K. TULLY, President of Tully Construction Co., Inc., was featured on the cover of the February 17, 2003 issue of Engineering News Record with caption "HE'LL TAKE MANHATTAN - Low Profile New York contractor takes center stage in city's dramatic rebuilding."

Have You Considered Becoming an Emeritus Member?

The Code of Procedures of the Moles provides that there be 538 active members: 397 in Heavy Construction; 80 in Engineering; 42 in Sales Representative; and 19 in Associated Occupations. Except for two openings in the Sales Representative category, there are presently no other vacancies available for new members. There is a substantial list of qualified persons waiting for membership, particularly in the Engineering and Associated Occupation categories.

The Executive Committee would like to see those members who are eligible to consider moving into the Emeritus membership rolls. The Codes of Procedure states "...to be

elected Member Emeritus, the member's membership must be of long standing, and ample evidence must be available to show that the member has retired from active participation in the heavy construction industry." The Membership Committee considers long standing to be a membership of approximately ten years.

Emeritus members enjoy all the privileges of membership except for voting and holding office. Emeritus members no longer pay dues. To be considered for such membership, one needs only to write a short letter or note to the Chairman of the Membership Committee requesting Emeritus status.

WALTER BELL REPORTS FROM LONDON

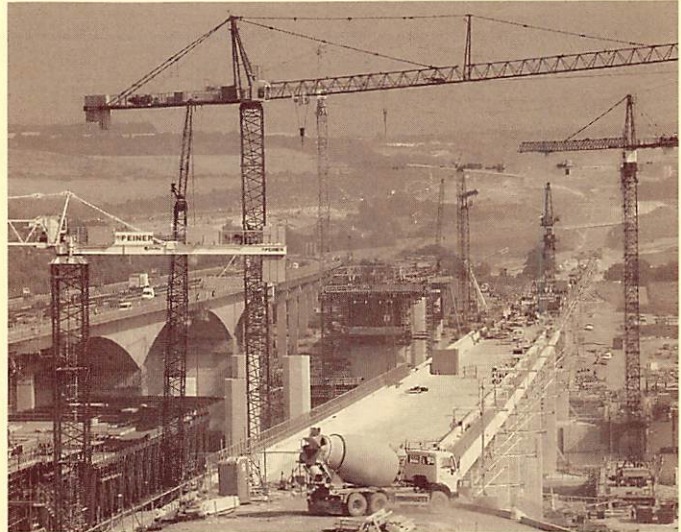
Moles member Walter Bell wrote in November 2002 as follows:

"I thought you might be interested in the details of the largest civil project in the UK, the Channel Tunnel Rail Link. It is a 5.5 billion pound job that finally provides a 300 kph dedicated rail line between the Channel Tunnel and central London and completes the concept of linking London to the Continent with a truly High Speed Rail Line. The terminus in London is St. Pancras/Kings Cross. We began construction in November 1998 and we open the first phase of the project in September 2003, cutting 25 minutes off the run to Paris. The second section will open in January 2007 with a total reduction in the London/Paris run of 45 minutes.

The second section is a tunneller's dream - 16 miles of twin bore, 8 meter diameter tunnels under East/Central London, a 2.5 km twin bore under the Thames at Swanscombe, and a 1 km twin bore across Kings Cross lands to connect to a new commuter rail station we are building under St. Pancras station, at the same time that we are doubling the station's length from 200 meters to 450 meters and restoring the station to its 1867 glory.

We have 7 machines working simultaneously, 6 EPBM's in the East London stretch handling a combination of clay and sands and a Herrenknecht slurry boring machine handling the chalk under the Thames. We began driving the first bore of the twin tubes under the Thames four months ago and are almost half way with a hole out scheduled for February 2003. (The 6 East London Tunnel machines are 2 Kawasaki's, 2 Lovats and 2 Wirths.)

I'm Managing Director of Union Railways, Ltd., a subsidiary of London and Continental Railways, the owners of the Link and the Eurostars. We are responsible for the conceptual engineering, procurement, specification, contracts and all Government interfaces. We are ably assisted by a Program Management Team of Bechtel, Arups, Halcrow and Systra. They handle the detailed engineering and



The two sides of the Channel tunnel Rail Link's Medway viaduct were joined in August 2001.
(QA Photos LTD., courtesy of Rail Link Engineering)

construction management for us.

I retired from Bechtel 4 years ago, where I managed their North American Civil Business for 5 years and was offered this job for an eighteen month period, and I am starting my fifth year. A fantastic way to spend one's retirement. Although I miss my association with the Moles, I've stayed active in tunnelling affairs as a member of the British Tunnelling Society who are much the same breed of cat as our Moles. Wonderful friends, good miners and fair hands at raising a glass of bitter.

I hope you find the enclosed material interesting and I look forward to renewing friendships with my fellow Moles when I return home late next year."

Thanks Walter for thinking of The Moles and sending this fine report. The Moles is proud of the way its members are leading the way in the tunnel industry in Britain. First Jack Lemley and John Hester showing the way on the Channel Tunnel and now Walter Bell on the Channel Tunnel Rail Link.

MEMBERS DINNER
MAY 7, 2003
New York Hilton Hotel
Lecture on New York City's
Bid for 2012 Olympics

ANNUAL CLAMBAKE
AUGUST 5, 2003
Travers Island
A Day of Fun and
Conviviality

ANNUAL AWARDS
DINNER
Wednesday Evening
JANUARY 28, 2004
New York Hilton Hotel

NEWTOWN CREEK SEWERAGE TREATMENT PLANT GREENPOINT, BROOKLYN, SITE OF APRIL 4, 2003 STUDENT'S DAY

The Moles Education Committee led by Chairman GARY ALMERARIS and Vice Chairman JOE MALANDRO, assisted by Committee member, MIKE MC HUGH, worked hard to find an interesting site for the 2003 Student's Day. As has often been said in the past, the key to a successful Student's Day is to find a challenging construction site and then locate a meeting hall where the students can assemble, be briefed on what is to be seen at the site and return for lunch.

Sometimes it is easier to find the site than the assembly hall. There is an existing sewerage treatment plant at Newtown Creek which is undergoing a major expansion and upgrading, the cost of which is \$2.5 Billion. An earlier meeting with the Plant Manager, James Pynn, and Carmine Marro, Malcolm Pernie's on site construction manager, confirmed their interest and desire to work with The Moles in sponsoring a Student's Day. Approval was needed from the NYCDEP's Deputy Commissioner and that was secured.

Now to find an assembly hall. Greenpoint is a predominantly Polish residential neighborhood and MIKE MC HUGH, who was very familiar with the site, found the only possible place to meet, a catering hall, Polonaise Terrace, about a third of a mile from the site. A meeting with the owner confirmed their interest in working with

The Moles and an agreement was quickly concluded. Student's Day 2003 was off and running.

The Committee determined, along with the assistance of Dominic D'Dargenzio of Mueser Rutledge (who had an important presence on the site) that there would be 8 stations around the site to which the students would be escorted. At each station there would be an engineer with a drawing or other aid explaining what was to be seen and learned at that location.

With careful planning and a dry run two weeks earlier everything was in place for a successful day. Because of the unusual location of the site and the meeting location, the students arrived a little late. First Deputy Commissioner of the NYCDEP, David Tweedy, along with Moles President Pete Schneidkraut greeted the students and faculty members. Then Jim Pynn and Carmine Marra explained the state of the art processes that were being incorporated into the design and the construction features.

The students went off in groups of about 20 each, toured the site for about 2 hours and then returned to the Polonaise Terrace for a buffet lunch. Waiters dressed in tuxedos were present to help. Another great Student's Day was accomplished. Our thanks to the fine job done by the Committee and to Jim Pynn and Carmine Marra for generously devoting their time.



A MOMENT OF SILENCE

WINTON M. (RED) BLOUNT, Recipient of the Moles Non Member Award in 1980, died on October 24, 2002 at the age of 81. After World War II, Red and his brother Houston, formed Blount Brothers Construction in Montgomery, Alabama, with four war surplus tractors they bought for \$28,000.00. The company, which subsequently changed its name to Blount International, was a major U.S. construction company until the 1980's at which time it sold its construction operations to its former President, John Caddell, so that it could concentrate its efforts on its manufacturing operations which had become a large part of its business. Red Blount was serving as President of the U.S. Chamber of Commerce in 1969, when President Nixon asked him to join his cabinet as Postmaster General.

HUGH F. DOHERTY died on November 4, 2002 at the age of 96. Hugh joined Perini Corporation in 1932 and late in his career served as Secretary and as Vice President of Purchasing. He was living in West Harwich, Massachusetts at the time of his death.

THOMAS W. HALLIGAN died on March 21, 2003 at the age of 80. Tom joined Walsh Construction Company in 1946 after graduating from Georgetown University and three years service in the Navy. Walsh became a part of Guy F. Atkinson Company in 1966 and Tom subsequently served as President of Walsh and then went on to become President and CEO of Atkinson, until his retirement in 1989. He received the Golden Beaver Award for Management in 1991.

ALLEN K. HAMMOND died on April 1, 2003. He spent his career with Hodge & Hammond, a construction equipment company located in New York City, where he was Vice President. He served as Sergeant at Arms of The Moles in 1990. Al's father, Lewis J. Hammond, was also a member of The Moles.

ALFRED C. MAEVIS died on February 12, 2003 at the age of 86. Al was a Civil Engineering graduate of Brooklyn Polytechnic and spent the first 28 years of his career with the Arthur A. Johnson Corporation, a prominent New York City construction company, known for its subway construction work. He then moved to the owner's side of the business successively holding the following positions: Chief Engineer of the New York City Transit Authority; Commissioner, NYC Department of Public Works; Assistant Postmaster General for Real Estate and Buildings. Al was an active member of ASCE and was Chairman of RETC in 1981. He was living in Sarasota, Florida at the time of his death.

DONALD P. O'HARE died in October 2002 at the age of 71. Don started with Slattery in 1955 and continued with that company until 1990. He served as Superintendent on numerous bridge and road projects in the Metropolitan New York Area. He continued to be active in construction until his retirement in 1995. He was a New Yorker all the way, having been raised in Whitestone and living in Flushing at the time of his death.

THOMAS B. TREACY died on March 21, 2003 at the age of 75. Upon graduating from Fordham College and Fordham Law School, Tom went to work in 1953 for the law firm of Nevius Brett & Kellogg, whose practice was solely in construction contract law. With the retirement of the various partners, the successor firm is now known as Treacy, Schaffel, Moore and Mueller. Tom spent his 45 year career practicing construction contract law and represented many Moles member's companies in successfully resolving contract disputes. Tom was a true gentleman who will be missed by all colleagues and friends in the industry.

MAY YOU ALL ENJOY EVERLASTING PEACE

MORE THAN BUSINESS AT FLORIDA WINTER MEETING

The 2003 Florida Winter Meeting was held at the La Playa Beach Resort in Naples, Florida from February 27, 2003 to March 2, 2003. Business included a presentation by Randy Stutzman of FMI on current trends in the construction industry and an Executive Committee Meeting. Randy was most knowledgeable about his subject and handled the questions with great competence. There was time for the beach, golf, shopping and good food.

Next year's meeting is tentatively scheduled for February 26 to February 29, 2004 - yes a leap year is coming up. A greater effort will be made to increase attendance.

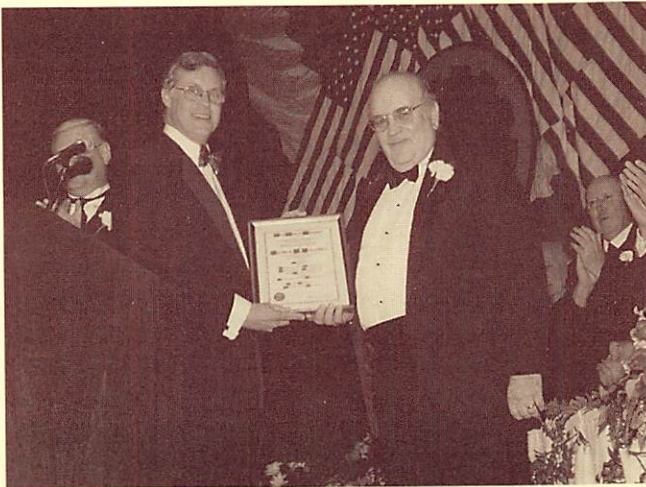


ATTENDANCE CONTINUES TO GROW AT ANNUAL AWARD DINNER - OVER 1700 PRESENT TO HONOR CORDING AND TAMARO; MAX CLELAND SPEAKER

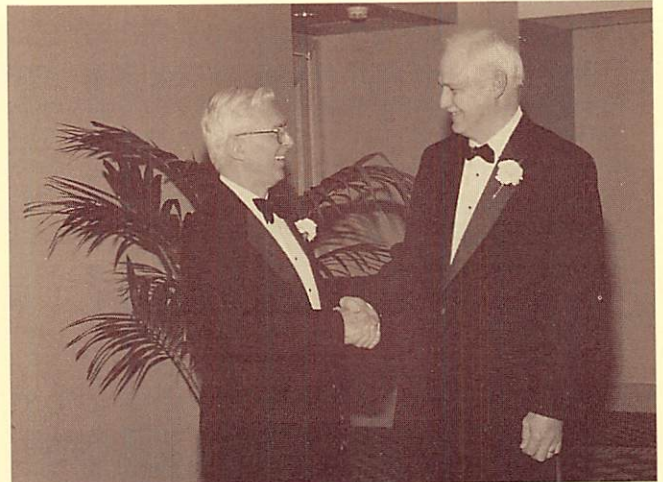
There were very few additional seats available as Moles members and their guests gathered for the 2003 Annual Award Dinner on Wednesday evening, January 29, 2003. After the reception and dinner, as is the custom, the Principal Speaker, former U.S. Senator from Georgia, Max Cleland, delivered his address. Moles' member Jack Burke, wrote afterwards "The awards program to me was most impressive especially the speaker, Senator Max Cleland, who was severely wounded in Vietnam resulting in the loss of both legs and right arm. His message to the country and his belief in the almighty was something we are not hearing too much anymore."

The presenters of the awards were outstanding, as were the recipients. Al Brand presented the Member Award to his partner at Mueser Rutledge, George J. Tamaro and Jim Lammie, former CEO of Parsons Brinckerhoff, presented the Non Member Award to Edward J. Cording, Civil Engineering Professor at the University of Illinois. Both Tamaro and Cording were humble and appreciative recipients.

After the presentation program was concluded, everyone had an opportunity to proceed to the receiving line, congratulate the recipients and greet Max Cleland, who was most gracious and friendly.



Al Brand presents award to George Tamaro



Jim Lammie congratulates Ed Cording



Senator Max Cleland addresses the Moles



Ed Cording with legendary engineer Ralph B. Peck