

NEWS BULLETIN

AN ASSOCIATION OF INDIVIDUALS



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

HOLING

THROUGH

JULY, 2014

MOLES CLAMBAKE 1938 — 2014



First Moles Clambake—August 24, 1938, Karatsonyi's Hotel, Glenwood Landing, Long Island

June 1938 was a busy month for the formative Moles Organization (founded in May 1937). In addition to electing officers and continuing to add members, it also was the timing of Ralph Atwater's appointment to serve as chairman of the committee to plan a "summer outing". It took Atwater a mere week to come back with plans for a warm-weather event that would provide a high level of social and business interest among members. Atwater's proposal: an annual Clambake to be held in August. The first Clambake was held on August 24, 1938, at Karatsonyi's Hotel, an outing resort in Glenwood Landing on the North Shore of Long Island, accessed by a chartered steamboat from Battery Park, and featuring food, games, and other entertainment. Dubbed a smashing success in the organization's meeting minutes, its success catapulted Ralph Atwater to head The Moles entertainment committee. And with that success, a long-time tradition was born.

Clambakes were discontinued during the years of WWII, but resumed afterwards. In 1948, with the growth in member-

ship, the event moved to Travers Island, summer home of the New York Athletic Club.

~From The Moles 75th Anniversary Commemorative book

From 1967 and until 1972, the Clambake was held at Tammy Brook County Club, Cresskill, New Jersey and from 1973 to 1977, at Colonie Hill, Happaug, Long Island.

In 1978, the Clambake returned to Travers Island, and has remained there until the current day. The 2014 Clambake will be held there on August 5th.

In more recent years a morning golf program has been added as well as tugboat excursions on Long Island Sound. Attendance has soared to 900 persons.

SEE THE SCHEDULE OF CLAMBAKE EVENTS
ON PAGE 3

COMMITTEE MEMBERS FOR 2014

The following Committee assignments have been made for the current year.

AWARD COMMITTEE: Christopher S. Traylor, Chairman; Michael S. Cobelli, Vice Chairman; Members at Large: David M. Cacoilo and Joseph M. McCann.

MEMBERSHIP COMMITTEE: Donald P. Dobbs, Chairman; Richard Raab, Vice Chairman; Members: Gary A. Almeraris, Michael J. Goldstein, Gregory A. Kelly, Michael M. McHugh, Robert F. McTavish, Charles J. Montalbano, John R. Roma, and Thomas T. Traylor, Jr.

PROGRAM COMMITTEE: David M. Plotkin, Chairman; Gerard P. Brady, Vice Chairman; Members: David F. Benton, Henry N. Christensen, Jr., John Civetta, Jr., Jeffrey R. Cruz, Domenic D'Argenzio, Eric R. Drooff, Christopher S. Hynes, Richard B. Manning, and James Starace.

FINANCE COMMITTEE: Ali M. Catik, Chairman; Members: Henry L. Goldberg, Juan A. Gutierrez, Jesse C. Jameson, Denise Richardson, and G. Geoffrey Searle.

EDUCATION COMMITTEE: Paul C. Schmall, Chairman; Jack Tobin, Vice Chairman; Members: Thomas Groark, Dwight Metcalf, Michael F. McKenna, Jesse Ottesen, Michael Ryan, Vincent Sambrato, and Robert Taikina.

PUBLICITY COMMITTEE: John F. McNamara III, Chairman; Francis Arland, Vice Chairman; Members: Gaby M. Antoun, Paul Beljan, Henry K. Cheung, Ben D'Alessandro, Nelson Ferreira and William D. Spielvogel.

**ANNUAL FALL DINNER
WEDNESDAY,
NOVEMBER 5, 2014
New York Hilton Hotel**

NEW VENUE FOR THE 2015 MOLES WINTER MEETING



WESTIN HOTEL, GRAND CAYMAN ISLAND

The first Moles Winter Meeting took place in March 1995, at the Indian River Plantation in Stuart, located on the east coast of Florida. A meeting has been held every winter since that time. The meeting location moved to Naples, on the west coast of Florida in 1998 and continued there, except for three years, 2009, 2010 and 2011, when it was held in Palm Beach, Florida.

Now after all the years in Florida, the Winter Meeting attendees voted almost unanimously on a new location, the Caribbean Island of Grand Cayman. It is a small island with a population of only 50,000 with Georgetown its shopping hub. The Westin Hotel is located on Seven Mile Beach, one of the finest beaches in the Caribbean. Some Moles members have been on the island, as well as at the Westin Hotel and recommend it as a superb location for our meeting.

Mark your calendars now: March 19 to March 22, 2015

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 07677. Telephone: 201-930-1923 Fax: 201-930-8501
Website: www.themoles.info; Executive Director and Editor of Holing Through: Gerard J. Carty, P.E. Email: carty.moles@verizon.net

**MOLES
SCHOLARSHIP GRANTS**

The Moles Scholarship Fund was founded in 1992, and through the generosity of our Moles members and friends, at the end of 2013, the fund had a principal of \$5.5 Mil.

Earnings from the fund are distributed as Scholarship Grants to civil engineering students at the Colleges and Universities which participate in The Moles Education Committee programs. While there are twenty such schools, three of them, the U.S. Military Academy, U.S. Coast Guard Academy and Cooper Union, are scholarship schools and thus do not participate in this program.

The Scholarship Fund Advisory Committee, at its meeting on April 1, 2014, decided that the following Scholarship Grants should be made:

GENERAL SCHOLARSHIP GRANT—\$11,000.00/Each

- | | |
|---------------------|----------------------------------|
| Bucknell University | Lehigh University |
| City College | Manhattan College |
| Columbia University | NJIT |
| Cornell University | Polytechnic University at NYU |
| Delhi - SUNY | Princeton University |
| Farmingdale—SUNY | Rensselaer Polytechnic Institute |
| Hofstra University | Rutgers University |
| Lafayette College | Stevens Institute of Technology |
| | University of Connecticut |

PRESIDENTS SCHOLARSHIP GRANT - \$15,000.00

Selected annually by the outgoing President of The Moles. 2013 Moles President **JOSEPH F. MALANDRO** has selected New Jersey Institute of Technology.

ARLENE GALLAGHER SCHOLARSHIP - \$15,000.00

In honor of the Executive Secretary of The Moles (1962 to 1993). Recipient rotated each year by a lottery drawing at the May Business Meeting.

The 2014 Recipient is Manhattan College.

RESSI MEMORIAL SCHOLARSHIP - \$10,000.00

In honor of long time Moles member, Arturo L. Ressi di Cervia, a pioneer in foundation construction.

Recipient rotated each year by a lottery drawing at the May Business Meeting. Participating schools are limited to those which offer a Masters Degree in Geotechnical Engineering.

The 2014 Recipient is Cornell University.

MC ALINDEN SCHOLARSHIPS

Former Moles member, **JOSEPH A. MC ALINDEN**, upon his death in 1992, bequeathed \$100,000.00, the earnings of which shall be used each year, to fund scholarships for the children and grandchildren of Moles members.

Recipients are determined by a drawing at the Annual May Meeting and Dinner. Those Moles members whose names were drawn are the following: Don Brennan, Ken Chadwick, Joe D’Annunzio, Anthony DePasquale, Jeff Mazur, Elmer Richards and George Yoggy. Their progeny will each receive \$1,000.00 towards their college tuition. CONGRATULATIONS TO ALL.

CLAMBAKE ACTIVITIES

GOLF

**LEEWOOD GOLF CLUB
AND PELHAM
COUNTRY CLUB
IN THE A.M.**

TRIVERS ISLAND

**REGISTRATION
11:30A.M. to 5:00 P.M.**

**LUNCH
11:30 A.M. to 2:00 PM.**

OUTDOOR GAMES

TENNIS TOURNAMENT

SOFTBALL GAME

SWIMMING

TUGBOAT EXCURSIONS

**SURF & TURF DINNER
SERVED AT 5:30 P.M.**

HAVE A GRAND DAY

NEW MEMBERS



Left to Right: Eugene Sullivan, Jr., William F. Buckley, Kenneth A. Durkin, Gregory T. Ziegler, Lok W. Home, Darrell E. Waters, Robert L. Mabardy and Gus Lijo. Not present: Louis P. Brais, Brian C. Stieritz and Peter Strasser.

After an earlier career with Perini Corporation and SNC Lavalin, **LOUIS P. BRAIS** joined Bouygues Civil Works, initially overseeing major heavy construction projects in Algeria and Jamaica, prior to his present position as Project Executive on the \$1 Bil. Design Build Port of Miami Tunnel project.

After graduating from Widener University, **WILLIAM F. BUCKLEY** joined the family company, Buckley and Company, Inc., (Philadelphia) where for the past twenty years he has had the good fortune of the tutorage of his father, Moles President and Award Recipient, Bob Buckley.

KENNETH A. DURKIN earned his engineering degree from the University of Rochester and thereupon embarked on a career in construction, principally with John P. Picone, Inc., where he serves as Vice President and General Superintendent.

Having been involved in the innovation and manufacture of Tunnel Boring Machines and ancillary equipment for almost a half a century, since 1988, **LOK W. HOME** has served as President and Principal Owner of The Robbins Company.

GUS LIJO is Project Manager of the 2nd Avenue Subway Project 96th Street Station, for E. E. Cruz & Company, Inc. (in a Joint Venture with Tully Construction Company). He earned his Civil Engineering Degree from Lehigh University and subsequently, a Masters Degree in Civil Engineering from NJIT.

After graduation from Wentworth Institute in 1965, **ROBERT J. MABARDY** embarked on an almost 30 year career in construction, including service with J.F. White Contracting Company. In 1993, he became an Associate Commissioner of the Massachusetts Bay Transportation Authority, serving as Interim General Manager until 1995, after which he returned to construction where he now serves as President and NE/General Manager of The Middlesex Companies.

A 1985 Civil Engineering graduate of Lehigh University, **BRIAN C. STIERITZ** embarked on a career in heavy construction, working for, among other companies, Mergentime and Kiewit then assumed executive positions with Dematteo Construction, Flatiron Corporation and CH2Hill before joining PCL Civil Constructors as Vice President of Major Projects.

PETER M. STRASSER is founder of Wisko America, Inc., a waterproofing subcontractor company specializing solely in the installation of Poly Vinyl Chloride (PVC) and Flexible Polyolefin (FPO) waterproofing membranes in tunnels and underground structures.

A Civil Engineering graduate of Manhattan College, **EUGENE A. SULLIVAN** commenced his career as a Construction Engineer with the New Jersey Highway Authority. In 2000, he joined Railroad Construction Company where he now serves as Vice President, overseeing various heavy construction projects in the New York City Metropolitan Area.

DARRELL E. WATERS earned both B.S and M.S. Civil Engineering Degrees from Stanford University, and has had a long career with the Fluor Corporation, serving in many executive positions both in this country and abroad. A Senior Vice President of Fluor Enterprises, Inc., he currently serves as President and Project Executive of Tappan Zee Constructors, the Joint Venture of Fluor, American Bridge Company, Granite Construction Company and Traylor Bros. under a \$3.2 Bil. contract to replace the existing Tappan Zee Bridge.

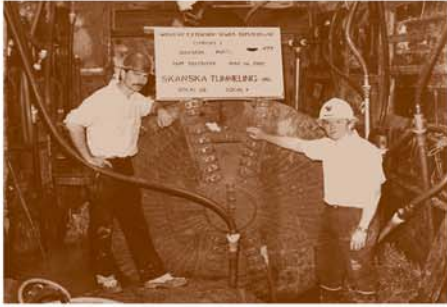
GREGORY T. ZIEGLER is an engineering graduate of the U.S. Military Academy and earned a Masters Degree from the University of Missouri—Rolla. After completing his military service and employment with Layne Christensen Company, he joined Moretrench American Corporation in 2004 and now serves as Vice President and Manager of Major Construction Projects.

PROFILE OF NEW MEMBERS

See article on Page 7

WELCOME TO MEMBERSHIP IN THE MOLES

NEWS OF MEMBERS



GARY A. ALMERARIS

Congratulations to **GARY ALMERARIS** on his recent promotion to Vice President of Skanska USA Civil North-east, Inc. Gary is considered by many of his fellow Moles members as one of the (if not the most) experienced and capable tunnel constructors in our country.

The January 23, 2012 issue of ENR said it well: *He has walked through the bowels of some of the East Coast's biggest tunnel jobs, from Boston to Washington, D.C. and beyond. But for Gary Almeraris, the biggest thrills of a career packed with notable projects is working on the Second Avenue subway and the extension of the No. 7 line in Manhattan.*

After graduating in 1976 from CCNY with his civil engineering degree (he subsequently earned a Master's Degree in Management from Worcester Poly-Technical Institute in 1981), Gary had the good fortune to be employed by the Maclean Grove Company, where served under the tutelage of Norman Nadel. When the company withdrew from the construction business in 1988, Gary joined Slattery Associates, now Skanska USA Civil.

He became a member of The Moles in 1990 and has been a very active and supportive member, serving as a Trustee and Chairman of the Education Committee from 2000 to 2002.

CHRISTOPHER LARSEN, of Halmar International LLC, was honored by Dominican College, on June 6, 2014, as its *2014 Person of the Year*.

KENNETH C. LIEB has been promoted to Project Executive at Skanska USA Civil. Upon earning his Civil Engineering Degree from Rutgers University in 1982, Ken joined Yonkers Contracting Company where he remained until joining Skanska in 1997.

The Governor of Virginia, Terry McAuliffe, has appointed longtime and active Moles member, **VAL MC WHORTER** to be a member of the Virginia Port Authority Board of Commissioners.

SETH L. PEARLMAN, President and CEO of Menard USA, has been selected by the American Society of Civil Engineers to receive the *2014 Henry L. Michel Award* for industry advancement of research.

MICHAEL RYAN has been named President of Yonkers Contracting Company, Inc. For the past 21 years, Mike has been employed by Schiavone Construction Company, Inc., most recently serving as Assistant Managing Director. He earned his Bachelors Degree in Science-Building Construction from the University of Florida and a Masters Degree in Civil Engineering from Stevens Institute of Technology.

Congratulations to **PAUL C. SCHMALL** of Moretrench American Corporation, upon receiving the *Engineer/Constructor of the Year Award* from the Professional Engineers In Construction in New Jersey at the Bonhag Awards Dinner on May 2nd.

VINCENT TIROLO, JR. has joined ARUP as a Senior Adviser on the company's large civil infrastructure projects. After an earlier career with MTA, Mueser Rutledge and Parson's Brickerhoff, he joined Slattery Associates (Now Skanska USA Civil) in 1996, where he served as Chief Engineer.

UPCOMING EVENTS

**THE
CLAMBAKE
TUESDAY
AUGUST 5, 2014
Travers Island**

**ANNUAL FALL
DINNER
WEDNESDAY,
NOVEMBER 5,
2014
New York Hilton**

**AWARD DINNER
WEDNESDAY
JANUARY 28,
2015
New York Hilton**

**WINTER
MEETING
MARCH 19, 2015
TO
MARCH 22, 2015
Grand Cayman
Island**

Peter Kiewit Sons, Inc.



**2013 Peter Kiewit Sons', Inc.
Board of Directors**

Front Row (left to right): Rick Lanoha; Walter Scott, Jr.; Ken Stinson; Bruce Grewcock, Chairman of the Board; Dave Miles; Doug Patterson

Back Row (left to right): Mike McCarthy; Bobby Shackouls; Scott Cassels; Mogens Bay; Tom Shelby; Hank Adams

Kiewit Corporation traces its beginning to 1884, when Peter and Andrew Kiewit formed a masonry contracting partnership in Omaha, Nebraska. The brothers shifted to general contracting in 1900, the same year Peter Kiewit's youngest son, also named Peter, was born. He assumed leadership of the family's business in 1931, just as the Great Depression was deepening, and led the company into heavy/highway construction. High unemployment rates enabled him to hire highly talented managers who helped lead the company's expansion, and he began the transformation of the company into today's employee owned firm.

Along with the rest of the country, Kiewit participated in World War II efforts, completing more than \$500 million of war-related facilities, expanding Kiewit's operations beyond the Plains and Rocky Mountain regions. A 1941 defense project first took the company to the Yukon Territory in Canada. Today, more than 25 percent of the company's construction revenue comes from Canada.

In 1943, Kiewit began a small coal mining operation in Wyoming to keep construction equipment busy during the winter. Clean air policies that made low-sulfur coal more attractive led Kiewit to becoming one of the nation's largest coal producers. In addition to operating its own mines, the company performs engineering, contract mining and reclamation work for coal, base and precious metals, and mineral producers.

After WWII, Kiewit participated in numerous Cold War projects, including Thule Air Base in northern Greenland. The company remains a proud participant in defense-related projects.

Walter Scott, Jr., who joined the company in 1953, became CEO, following Peter Kiewit's death in 1979, and under his leadership, the company surpassed a billion dollars in revenues in 1984. Ken Stinson succeeded Walter as CEO in 1998. Ken's first full-time assignment with Kiewit was in 1969 as a marine engineer on the 63rd Street Tube and Tunnel, under the East River in New York City. Current East Side Access projects will complete the connection of the Long Island Railroad Line to Grand Central Terminal via the 63rd Street Tunnel, completed in 1973.

Ken now serves as Chairman Emeritus after stepping down from the board in 2013. Bruce Grewcock has been CEO since 2005 and became Chairman of the Board in 2013. His first assignment in 1982 was as Chief Engineer at the company's Black Butte coal mine in Wyoming.

At Kiewit, nothing is more important than safety. Craft-led safety programs and commitment at all levels of Kiewit operations ensure the focus is on what matters most: that nobody gets hurt. This commitment to excellence extends to Kiewit's quality, environmental and compliance performance — which is how the company drives successful projects for clients. Additionally, Kiewit's philosophy is to meet or exceed client expectations through continuous quality improvement and by building work right the first time.

In 2013, Kiewit posted more than \$11 billion in revenues and was ranked by *Engineering News-Record* as the nation's third largest construction company. Kiewit employees currently work on hundreds of projects throughout North America and Australia. Since its start in commercial buildings, the company has added numerous market sectors to its capabilities, including oil, gas and chemical; transportation; power; mining; and water/wastewater.

ENR currently ranks Kiewit No. 1 in domestic heavy civil construction and No. 2 in the transportation and power market sectors. Current transportation projects include the Goethals Bridge Replacement in New York, the Midtown Tunnel project in Virginia and two Honolulu Transit projects in Hawaii.)

(Continued on next page)

MAY THEY REST IN PEACE

Upon his graduation from Union College, **CLARENCE W. (SMILIE) ANDERSON** spent his career in executive positions with Morrison Knudsen. Smilie traveled from Boise, Idaho to be at the November 2013 Members Meeting to receive his 25 Year Membership Certificate. Smilie died on May 19, 2014 at the age of 83.

ROBERT L. JACKSON died on March 12, 2014 at the age of 87. He had a long career in the dredging industry with Arundel Corporation and Great Lakes Dredge and Dock Company.

JOHN R. (JACK) LILES, of Tidewater Construction Company fame, died on February 12, 2014, at the age of 97. Jack along with his brother, **Sherwood E. (Sam) Liles, Jr.** (Recipient of The Moles Non Member Award in 1964), combined to lead the JV team which constructed the renowned Chesapeake Bridge and Tunnel Crossing in the early 1960s. Jack looked after the field work while his brother Sam, served as managing Partner of the JV team of Tidewater, Raymond, MCS and Kiewit.

DAVID J. MC GRATH, a graduate of Princeton University, had a 38 year career at McGraw Hill, retiring as a Senior Vice President and Publisher of *Engineering News Record (ENR)*. He died on September 26, 2013, at the age of 86.

A Civil Engineering graduate of Syracuse University, **HOWARD G. MINCKLER** died on May 3, 2014 at the age of 87. He served as Director of Field Operations for Glasgow Inc., (Ambler, PA), after a ten year career with the Contactors Association of Eastern, PA.

LEONARD E. VAN HOUTEN, a Life Member Emeritus of The Moles, died March 16, 2014, at the age of 89. He earned Bachelor and Master Degrees in Civil Engineering from RPI and spent the early part of his career with Frederic R. Harris, Inc., before leaving that firm in 1965 to form his own company.

After earning his Civil Engineering Degree from Union College in 1955, **JACK J. WOOLF** embarked on a 30 year career with Turner Construction Company. In 1985, he became CEO of Crow Construction Company and Senior Vice President of J.A. Jones Inc., Crow's parent company. Jack died on March 23, 2014 at the age of 81.

EARLIER DEATHS

NORMAN G. DELBRIDGE, JR., (J.A. Jones) died on July 30, 2010, at the age of 85.

LEONARD FLEISHMAN (Underpinning & Foundation) died on July 8, 2011, at the age of 82.

THOMAS J. GALLIGAN (Slattery Associates) died on December 11, 2012, at the age of 85.

ROBERT K. PATTISON, (Long Island Railroad) died on May 12, 2010 at the age 88.

Peter Kiewit Sons, Inc.

(Continued from opposite page)

With decentralized operations, Kiewit tackles projects of all sizes. Its reputation for on-schedule and within-budget performance originates from Peter Kiewit's early field operation experience. As a keen observer of contractors' successes and failures, Peter Kiewit established the company's operational and business practices with principles which are still embedded in today's cost management systems.

In the power market, Kiewit is currently working on the La Cygne Generating Station environmental retrofit in Kansas, the Woodbridge Energy Center in New Jersey, and implementing an air quality control system at the Homer City Generating Station in Pennsylvania.

A number of Kiewit people have been honored by The Moles. Member Award recipients are Walter Scott, Jr. (1986), Charlie Campbell (1994), Martin Kelley (1999) and Ken Stinson (2005). Non-Member Award recipients were Peter Kiewit (1953), Jerry Toll (1998) and Bruce Grewcock (2013). Charlie Campbell served as Moles President in 1990 and Kirk Samuelson served in 2010. Hank Adams is currently serving as President in 2014.

This article follows the practice of highlighting the company of the current Moles President.

PROFILE OF NEW MOLES MEMBERS

Total Number: 11

Heavy Construction (HC) - 9

Sales Representative (SR) - 2

Average Age: 55

Residence: 8 States

California 1; Colorado 1;

Florida 1; Massachusetts 1;

New Jersey 4; Ohio 1;

Pennsylvania 1; Virginia 1;

Education

Civil Engineering Degrees - 6

Other Engineering Degrees - 4

Other Degrees - 1

MAY 7th LECTURE - RECEPTION & DINNER - BUSINESS MEETING

LECTURE



**Pre-Proposal Test
Pile Results**

Pile Resistance based on PDA and Static Load Tests Performed During the PIDP

	No Sand		Sand	
	TP-1A (EL. -278.8)	TP-1B (EL. -278.3)	TP-2A (EL. -287.8)	TP-2B (EL. -279.8)
PIDP Minimum Driving Resistance	2,900 kips		3,400 kips	
PDA End of Initial Drive	312 kips	390 kips	491 kips	411 kips
PDA 1 st Restrike (9 Day)	2,884 kips (9 Day)	2,900 kips (9 Day)	2,975 kips (7 Day)	2,975 kips (7 Day)
PDA 2nd Restrike (14 Day)	2,825 kips (14 Day)	3,005 kips (14 Day)	3,025 kips (14 Day)	3,025 kips (14 Day)
Static Load Test	2,300 - 2,000 kips			
Submarine Load Test				

The Subject of the Lecture: *Tappan Zee Bridge Reconstruction—Foundation Design and Construction*
 Photo Left: Robert Palermo (Lead Geotechnical Engineer for the Design Build Team) and Walter J. Reichert (Project Manager) and Photo Right: Robert Palermo at the Podium



RECEPTION

An Opportunity for Members to Circulate; Meet Old Friends; and Make New Friends

MEETING



Incoming President, Hank Adams presenting certificate to outgoing President, Joe Malandro



President Malandro presenting 40 Year certificate to Frank DiMenna



Moles Secretary Gene Kelley presenting the Secretary's report