

NEWS BULLETIN

AN ASSOCIATION OF INDIVIDUALS

**HOLING**



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

**THROUGH**

NOVEMBER 1986

## HARZA and MERGENTIME chosen for 1987 Outstanding Achievement Awards



RICHARD D. HARZA



CHARLES E. MERGENTIME

Richard D. Harza, Chairman of the Board, Harza Engineering Company, headquartered in Chicago, Illinois and Charles E. Mergentime, Chairman of the Board & Chief Executive Officer of Mergentime Corporation headquartered in Flemington, New Jersey have been chosen as the forty-seventh pair of recipients of The Moles' Awards for "outstanding achievement in construction". Mr. Harza, the non-member recipient and Mr. Mergentime, the member recipient will be honored at the Annual Award Dinner to be held on Wednesday evening, January 28, 1987 at The New York Hilton Hotel in New York City.

**R**ICHARD D. HARZA was born in Chicago, Illinois, on October 7, 1923. He received a B.S. degree in Mechanical Engineering from Northwestern University and was commissioned in the U.S. Naval Reserve in 1944. After serving two years as Deck Officer on an escort carrier he returned to Northwestern to teach and work toward his M.S. degree in Civil Engineering which he earned in 1947.

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**C**HARLES E. MERGENTIME was born in New York on December 5, 1931. A 1953 Civil Engineering graduate of Purdue University, he has since been named Purdue University's "Distinguished Engineering Alumnus" (1980) and that University's "Old Master" (1983).

His construction career began with two years' service as an Officer in the U.S. Army Corps of Engineers

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## Richard D. Harza

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He joined Harza Engineering Company, a firm his dad, Leroy F. Harza, had founded three years before Dick was born. His first years with Harza Engineering Company included office engineering experience in the preparation of studies and designs, drawings, specifications and estimates for dams, hydroelectric power plants, spillways and related river project features. In the field, he served as concrete inspector for the Petenwell Hydroelectric Project on the Wisconsin River; and conducted investigations for the Meric-Evros International Flood Control and Irrigation Project between Greece and Turkey.

In 1953, Dick was elected a Vice President and Director and assumed charge of the firm's administrative and business development operations. In the following decade, Harza Engineering made a major expansion overseas, and Dick Harza participated broadly in the development, traveling extensively in the Middle and Far East as well as Africa.

The year 1962 brought a new challenge heading the company's U.S. Water and Land Resources Management Group. The period saw his personal project involvement as Director of the beginning phases of Chicago's Tunnel and Reservoir Plan (TARP) and that project's forerunner, the 5-mile, 250 foot deep Lawrence Avenue Sewer Tunnel; Watershed Management Studies in Southeast Wisconsin; the Kinzua/Seneca Pumped Storage Project, Harza's first of that type; feasibility studies of the innovative Lake Michigan Airport, a polder concept 5 miles off the Chicago shore; and the Strontia Springs Arch Dam for the Denver Water Department, an involvement he retains today.

In 1976 he took charge of Harza's Administrative, Financial, and Corporate Planning Operations; in 1977 he was elected President and this year Chairman of the Board.

During the period of his presidency (1977-1986) Harza Engineering has performed design and construction management for three of the world's largest projects of their kinds: — Chicago Tunnel and Reservoir Plan, 32 miles of hard rock tunnel, two underground pumping stations and 110 drop shafts 250-300 feet deep. This project received the ASCE 1985 Award for Outstanding Civil Engineering Achievement. — Guri

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## C. E. Mergentime

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where, among other recognition, he earned a special commendation from the Republic of Korea for his command of the combat construction company on the Yang Po Bridge in Hongchon. He joined Raymond International Inc., and rose steadily through the ranks of the organization to eventually head up their Heavy Foundation Department responsible for the construction of the Croton Reservoir Bridge.

An ingenious engineer and constructor with a talent for leadership, it was not surprising that Charlie would form his own company before long. In 1969 he founded Mergentime Corporation and under his leadership the firm has grown into one of the country's leading heavy construction contractors, nationally recognized for developing innovative solutions to difficult construction problems. Annually listed in EN-R's "top 400" the company has successfully completed work valued at well over a billion dollars.

Starting with underpinning and subway projects, Charlie expanded his operations to bridges, dam rehabilitation, tunneling, highway and building projects. He widened the firm's market, from the Metropolitan NY-NJ area and Washington, D.C. to cities like Alberta, Canada; Little Rock, Arkansas; Atlanta, Georgia; and Boston, Massachusetts.

A few of the noteworthy projects which have been successfully completed include: underpinning by post-tensioned concrete transfer beams of the Omni parking decks and other work on the MARTA subway system; the Center City Commuter Rail Line in Philadelphia, which won the 1985 ASCE Outstanding Achievement Award with specific mention of Mergentime's underpinning projects; extensive underpinning and tunneling work on the WMATA subway system, including a compressed air tunnel; underpinning and tunneling under major buildings for subway construction in Canada; and the rehabilitation of the 100-year-old Baltimore and Potomac Tunnel in Baltimore. The firm is presently on major jobs in Colorado, in both New York State and New York City, Philadelphia, Boston, Newark and Washington, D.C.

In his nearly 35 years of achievements

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## Guest Speaker



Dr. Richard L. Tucker will be the principal speaker of the evening on Wednesday, January 28, 1987 at The Moles' forty-seventh Annual Award Dinner to be held at The New York Hilton in New York City.

Dr. Tucker, a native of Hereford, Texas, is the C.T. Wells Professor of Project Management and Director of the Construction Industry Institute at The University of Texas in Austin. He holds B.S., M.S. and Ph.D. degrees in Civil Engineering from the University of Texas at Austin.

His experience includes several years as Associate Dean of Engineering at The University of Texas at Arlington; work at General Dynamics as a Structural Engineer; and two years as Vice President of Research for a Dallas contractor. He has a strong background in geotechnical engineering, structures and construction methods and management.

A specialist in construction productivity and project management, Dr. Tucker has consulted on many large construction projects in the United States and other countries. He has consulted and lectured in Australia, Wales, Scotland, England, Mexico, Canada, South Africa, Bahrain Abu Dhabi and Singapore. His clients include many of the nation's largest owners and contractors.

An active member of numerous technical and professional societies, he has published many articles in professional journals and delivers approximately 30 invited lectures per year to professional groups. He served for four years as Chairman of ASCE's Construction Research Council and is a member of the Executive Committee of the ASCE Technical Council on Research. He is a member of the Building Research Board of the National Research Council and a member of its committees on construction productivity and international competitiveness.



## Award Chairman



SHERWOOD E. LILES, III, Vice President and Director of Tidewater Construction Corporation headquartered in Virginia Beach, Virginia, is the Chairman of The Moles' Award Committee this year.

Sherwood was born in Salisbury, North Carolina on June 13, 1931. He served on active duty as a corporal in the United States Marine Corps from 1950 to 1952 and when released he attended the University of Virginia where he graduated with a Bachelor of Civil Engineering degree.

In 1957 he joined Tidewater Construction Corporation, a firm specializing in industrial and heavy construction. He worked as a Field Engineer, Superintendent, and Project Manager on various major projects including the Chesapeake Bay Bridge-Tunnel and the Hampton Roads Tunnel. His last assignment in the field was as Project Manager on the Hampton Roads tunnel completed in 1974. He was appointed General Superintendent of Tidewater's Heavy Construction Division in 1974 and later in 1977 he became Vice President in charge of that Division. In 1979 he was made a Director of the firm. He has been in charge of Industrial and Heavy Construction for Tidewater since 1985.

His civic activities include: Past President of the Virginia Beach Rotary Club and Junior Achievement of South-eastern Virginia; and Board Member for the Virginia Beach General Hospital.

## Charter Member Dead at 76



WILLIAM W. HANLY, JR., died on September 5, 1986 at Sacred Heart Hospital, Cumberland, Maryland of complications resulting from a heart attack suffered on July 29. He was 76.

Member #67 on The Moles' Association Roster, Bill was designated a Charter Member and in 1978 on the fortieth anniversary of his membership he was designated a Life Member. He served as Secretary of The Moles during the period from 1945 through 1948 and was a Trustee and Chairman of the Membership Committee from 1941 through 1944. He was affiliated with the Koppers Company Throughout his membership in The Moles until his retirement as District Sales Manager of the Forest Products Division in 1974.

Bill is survived by a daughter, Mary Ann Shoemaker and a brother, John B. Hanly.



A member of the Moles since 1978, Sherwood has served as a member of the Finance Committee; a Trustee; Vice Chairman and now Chairman of the Award Committee.

Sherwood and his wife, the former Lois Prime of Great Neck, New York, live in Virginia Beach, Virginia and have three grown children; two sons and a daughter.



ARTHUR C. FORD died on April 13, 1986. He was 94.

Mr. Ford rose through the ranks of Civil Service to be appointed in 1957 by Mayor Robert F. Wagner as President of the Board of Water Supply for New York City. He had served as Commissioner of Department of Water Supply, Gas & Electricity from 1954 until April 1957 and prior to that as consulting engineer to the Borough President of Manhattan. He attended Montana State College, graduating with a BS in Mechanical Engineering in 1916. In 1956 he was honored by Montana State with a Doctorate in Engineering. Mr. Ford served the City over 40 years and was a popular and respected individual.

● The Contractors Association of Eastern PA. honored HARRY R. HALLORAN this November 8 with a Testimonial Dinner held at the Philadelphia Hershey Hotel. Harry is Chairman of the Board of The Conduit & Foundation Corporation and Chairman Emeritus of the Board of directors of the above mentioned Association. He has been an active participant in construction industry affairs and numerous civic endeavors for many, many years.

● RUBE SAMUELS became Chairman of the U.S. National Committee on Tunneling Technology on June 28, 1986 at The Annual Meeting held in Washington, D.C. The Committee is part of the National Research Council and the National Academy of Sciences. Rube is a member of the Parent Committee as well as the Sub-Committee on Geotechnical Site Investigations for Underground Structures.





## 25 - YEAR MEMBERS



G. WILLIAM BAILEY was a Vice President for Raymond International when he became a member of The Moles. He is a graduate of Dartmouth College -Thayer School of Engineering. After leaving Raymond he worked for other firms many Mole affiliated. He is active as a private consultant and resides at Hilton Head, South Carolina.

RALPH L. BROWNING was Executive Vice President for Lehigh Portland Cement Company and in that capacity had close contact with the leading construction contractors nationwide. He became a member emeritus in 1978 when he retired.

DONALD G. CANALE has been in heavy construction since 1935. He served in the U.S. Army Corps of Engineers during World War II and joined the Slattery organization in 1948. He worked his way through the ranks as General Superintendent and Vice President to Senior Vice President, the position he held when he retired in November 1982. For Slattery he was involved with many major projects, a few of which were: the Seagram, Chrysler, Time & Life Buildings; the Lincoln Center; Cross Bronx, Major Deegan, and Gowanus Expressways; the Grand Central Parkway and IRT Station, Lexington Avenue Line at 59th Street. Prior to his retirement he covered the Washington, D.C., Atlanta and Philadelphia markets for the Slattery organization. In his retirement Don is doing a lot of traveling; gets to play golf on a more frequent basis; and pursues the game of Bridge making good use of his much deserved leisure time.

HOWARD G. DIXON, JR., was Resident Manager for the Dillingham-Zachary-Kaiser joint venture in Bangkok, Thailand during the late 60's responsible for the construction of U-Tapao, a major airbase and deep water port in Thailand. Later he traveled to Central America in charge of construction in Acajutla, El Salvador; and was a Vice President of Dillingham of Australia, Ltd., in charge of their construction operations in Australia and environs, traveling extensively. During the period from 1970/75 he was Vice President of Pan American World Airways in charge of worldwide Properties and Facilities completing construction of the jet center and terminal

at Kennedy airport as well as Pan Am Service Centers in various locations throughout the world. Later and until ill health caused his retirement he was Vice President of International Construction for Dravo Corporation with assignments in Algeria, Iran, Saudi Arabia, Nigeria, AbeDhabi, Phillipine Islands, Taiwan and Korea.

HUBERT H. EVERIST, JR., was an Executive with the then prominent heavy construction firm, Western Contracting Corp., headquartered in Sioux City, Iowa when he became a member of The Moles. Recently he has become President of Continental Leasing Corporation also of Sioux City.

JOSEPH F. FOLEY, JR., was affiliated with Callan Construction Corp., of Massachusetts performing construction on major public works projects throughout that area. In 1976 because of health problems he was elected a member emeritus. He now resides in West Palm Beach, Florida.

VICTOR FRENKIL is Chairman of the Board of BCI Contractors, Inc., formerly known as Baltimore Contractors Inc. Under Mr. Frenkil's guidance for over a half century the firm grew to an international operation in commercial and industrial construction, building hospitals, schools, apartment buildings, tunnels and industrial plants in this country, Spain, the Azores and Puerto Rico. Mr. Frenkil has made the improvement of his city, state and nation a lifelong devotion and has had many honors bestowed upon him. One of his greatest satisfactions has been the restoration of Baltimore's great Belvedere Hotel to its original glory. The Hotel is now on the national list of historic places. The return of elegance to this center of Baltimore's business, cultural and social life has been praised as a major contribution to the renaissance of mid-town Baltimore.

N. BLAKE KING, until 1980, was President and General Manager of N.B. King and Company, Incorporated, doing general construction work for forty years in the New London area. He is also President of Blake Realty Incorporated a real estate holding firm, work which he

continues to enjoy. Still in good health at seventy-eight he does some traveling and is a Life Member of the New London Tuna club and U.S. Atlantic Tuna Tournament. He maintains his residence in New London, Connecticut.

CLINTON F. LOYD was the Architect for the Westchester County Park Commission during the period from 1927/34. In 1934 he joined Madigan-Hyland along with Emil Praeger and the firm was commissioned by the City of New York through Bob Moses to do the West Side Highway and Park as their first job. Clint worked with many of the great contractors and many who were Moles during the period he was affiliated with Madigan-Hyland until 1968 when he retired at 67 years of age. As Clint puts it he has retired and un-retired many times since then. After his retirement from Madigan-Hyland he moved to Florida and designed and built a yacht yard for Robert E. Derector in Ft. Lauderdale. When the project was finished he ran it until 1970 remaining as a Director until 1981. In 1981 he went to Newport, Rhode Island where he laid out and supervised the design and construction of a large ship yard for Robert E. Derector at the Naval Base in Newport. Clint has many hobbies, some of which are painting with water colors, wood carving, raising bonsais and sailing. He had a yacht which he cruised and raced including the Bermuda Race. He and his wife reside in Coronado California and own a 50 acre orange and 20 acre avacado grove in Riverside. Their apartment overlooks Glorietta Bay and it is across from the Del Coronado Hotel. He now has a 25 ft. sail boat which he sails up and down the coast and in San Diego Bay. He is a member of the Coronado Yacht Club and is helping build 16 new floats to care for 32 yachts plus a relieving platform to gain more land.

ROBERT A. LINCOLN was a partner in the consulting engineering firm Clinton Bogert when he became a member of The Moles. A few years later he formed a new partnership which became Mangano, Martin and Lincoln. He was in charge of projects from design through supervision of construction primarily in the field of waterworks, sewers, roads and airfields which involved rock and earth tunnels, heavy foundations and large pipelines. He later became affiliated with Sverdrup & Parcel.



● President, STEVE GREENFIELD has appointed a "FIFTIETH ANNIVERSARY" Committee to submit recommendations to the Executive Committee for the celebration of The Moles' Fiftieth Anniversary which will occur October 1987. The "five-man" committee is composed of GERARD J. CARTY, Chairman; IRVING R. HUIE, CHARLES E. MERGENTIME, JOHN D. SAUNDERS and JACK T. WALLE.

● NORMAN A. NADEL, president of MacLean Grove & Co., Inc., Greenwich, Conn., received the ASCE 1986 Construction Management Award at the Society's annual convention in Boston on October 29. The award recognizes his work in "applying engineering theory and principles to the bidding, scheduling and management of major underground construction projects throughout the country and the world." Norman is the 1985 recipient of The Moles' member award and in 1983 he was elected to the National Academy of Engineering. He was President of The Moles during 1982. RALPH B. PECK was also honored on October 29 when he received the 1986 ASCE Presidents' Award for his outstanding leadership at national and international levels in the practice of foundation engineering and soils mechanics, and in teaching, research and writing. His contributions have indelibly benefited mankind. Dr. Peck, an eminent educator, was named an Honorary Member of ASCE in 1975 when he was emeritus professor of foundation engineering at the University of Illinois. Dr. Peck is also an Honorary Member of The Moles' since he received The Moles' non member award in 1973.

#### 25 YEAR MEMBERS (Continued)

GEORGE W. SHOOK was Contracting Manager for Bethlehem Steel Company's New York District Sales Office actively engaged in bidding and negotiating subcontract steelwork for bridges, buildings, subway and tunnel work, foundations, etc., when he became a member of The Moles. George went out to Bethlehem, Pa., some time later becoming Asst. Manager of Sales and eventually became President of the Bethlehem Steel Export Corporation. He retired in July of '83.

## Hauptman Retires

Effective October 1, 1986 MARTIN HAUPTMAN retired from City service after many years in the design and construction of its major water supply facilities; i.e. dams, tunnels, pumping stations, roads, bridges, etc. Marty plans to continue his interest in engineering as a private consultant.

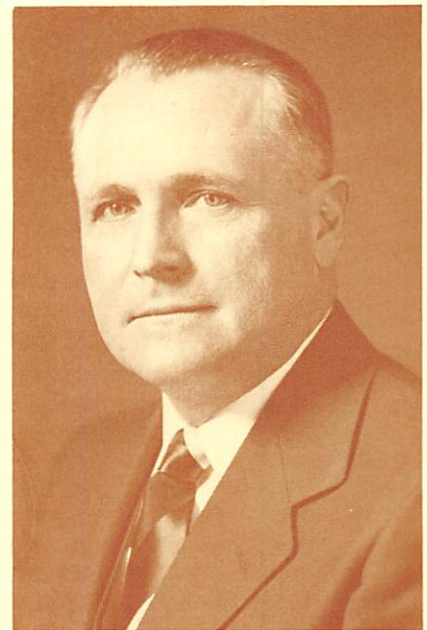
At the time of his retirement he was Assistant Director and Special Consultant for Engineering, New York City Bureau of Water Supply.

A graduate of C.C.N.Y. he earned both B.S. in Engineering (1932) and Master in C.E. (1933) from City College. In 1934 he joined the N.Y.C. Park Dept. as Engineer of Construction. Later for the U.S. Army Corps of Engineers he was Assistant Engineer on Harbor Improvement Projects in New York and Puerto Rico. He joined the N.Y.C. Board of Water Supply in 1941 as Asst. Engineer rising to Chief Engineer with progressively increasing responsibilities. Some of the major water supply projects, he has to his credit are: Delaware Aqueduct; Neversink Tunnel; E. Delaware Project; W. Delaware (Cannonville) Project; Richmond Tunnel and Project and City Tunnel No. 3.

From 1978 to 1981 he was Chief Engineer for the N.Y.C. Bureau of Water Resource Development, D.E.P. and in 1981 until his retirement he became Assistant Director and Special Consultant for Engineering. — Marty and colleague Sam Sigman were both honored by Mayor Koch during 1985 for having each served the Board and the Bureau of Water Supply for more than 40 years.

During World War II he was on active duty as a commissioned officer in the C.E.C. of the U.S. Naval Reserve; rising in rank from Lt. (jg) to Lt. CDR. Marty continued in Ready Reserve until 1972 where he attained the rank of Captain in 1960.

The New York Times, Sunday, October 5, paid tribute to him in a brief article about Water Tunnel #3 "The third water tunnel is an invisible monument to Captain Hauptman."



WILLIAM DENNY died August 30, 1986. He was 85.

Born in Sedalia, Missouri, he left there when he was barely 18 to pursue a career in construction. Starting as a fireman on a steam rig with the Missouri Valley Bridge & Iron Company in Leavenworth, Kansas he quickly moved on to operating engineer then foreman and in 1924 he joined Kansas City's Union Bridge Company.

In 1927 he joined Merritt-Chapman & Scott and worked successively as foreman, superintendent, project manager, vice president and in 1953 became executive vice president in charge of that company's construction department.

Among the many major projects he supervised for MC & S were: Glen Canyon Dam in Arizona; Priest Rapids Dam in Washington and the main generating plant of New York's Niagara Power Project.

When MC & S relinquished their construction activities, Bill served as a consultant on the second World's Fair during the early 60s. During 1966 he was invited to join Raymond International where he served as Executive Vice President until his retirement in 1970. That same year he moved back to Sedalia; and became a member emeritus of The Moles having been an active member since 1944.

Bill received The Moles' 1960 "outstanding achievement in construction" Award. He was cited for "his inherent ability and energy — directing genius of world wide construction".





ROBERT J. WINTERS died on August 21, 1986. He was 72.

Born in East Orange, New Jersey, Bob was a civil engineering graduate of the Newark College of Engineering, class of 1935.

Immediately after graduation he joined the Port Authority of New York and New Jersey as a junior engineer. Involved with all types of construction for the Port Authority he rose through the ranks to become Assistant Chief Engineer for Design in 1958 a position he held until his retirement in 1979. As Chief Engineer for Design he directed the work of five Design Divisions: Aviation, Maintenance Engineering, Inland Terminals, Marine Terminals, Tunnels and Bridges. He supervised the activities of 500 architects, engineering specialists and staff of administrative, technical and clerical employees.

Bob was a licensed Professional Engineer and Land Surveyor in the States of New Jersey, New York and Wisconsin. He was a member of Tau Beta Pi and Chi Epsilon along with numerous organizations connected with the industry.

For The Moles, he served on the Education Committee and Award Committee. A member since 1973, he was elected member emeritus in 1980 after his retirement from the Port Authority.



EDWARD D. SABIN died on May 22, 1986. He was 88.

An engineering graduate of Tufts University he was a Life Member of the Tufts Alumni Council, a former member of its Executive Committee and a recipient of the Distinguished Alumni Award. He was a member of Tau Beta Pi, the National Honorary Engineering Fraternity.

A licensed Professional Engineer in New York and Connecticut, Mr. Sabin acted as a consultant to New York City, Triborough Bridge and Tunnel Authority, Borough of Manhattan and many other engineering organizations, when unusual paving problems existed. The Verrazano-Narrows Bridge, the Throgs Neck Bridge, Queens Mid-Town Tunnel Plaza, and Belmont Park Race Track are some of the notable projects he was involved in. He also worked for the Walsh-Driscoll team in Trinidad, British Guiana and Dutch Guiana. Later as President of Sabin Service and Research Corp., he specialized in paving materials - aggregates, asphalt, cement and concrete.

Mr. Sabin became a Member of The Moles in 1949; served on the Publicity Committee and Award Committee during the period from 1965 through 1967 and was Sergeant-at-Arms and a member of the Executive Committee during 1969.

He is survived by a daughter, Barbara Cole and two grandchildren.



GEORGE F. FLAY, JR., died on August 15, 1986 in Staten Island, N.Y. He was 74.

After graduating from Brooklyn Polytechnic Institute with a Civil Engineering degree, George started on a distinguished career in heavy civil engineering construction. Some of the companies and major projects in which he was a participant were: 1930/56 Spencer White & Prentis, Inc. (Division General Manager) 1956/61 Stock Construction Company and 1961/63 The Foundation Company (Executive Vice President). From 1963 until his retirement, he was Vice President of Engineering for Grove, Shepherd, Wilson & Kruge, Inc., of New York. During his years with GSWK George was involved with the construction of the State Library & Museum for the State of New York in Albany, and TWA International Terminal at JFK International Airport.

George became a member of The Moles in 1947 and served as Trustee during the period from 1961/63. He was a Life Member and Director of the American Society of Civil Engineers; a member of the American Arbitration Association and the American Society of Military Engineers; a commitator at Most Holy Trinity Church in Mamaroneck, N.Y.; Trustee of the Mamaroneck Free Library; and recipient of the Certificate of Excellence in Engineering from Brooklyn Polytechnical Institute.



## HARZA (Continued from Page 2)

Hydroelectric Expansion, 10,000 MW, 170 foot raising of dam and spillway. The American Consulting Engineers Council presented Guri its Engineering Excellence Honor Award and its Eminent Conceptor Award for 1986 — Bath County Pumped Storage Project, 2100MW.

During that same period the firm completed the 650 foot Karun River Arch Dam and 1000 MW power plant in Iran; two major dams and hydroelectric plants totalling 315 MW in El Salvador; and the 292 foot Strontia Springs Arch Dam for the City of Denver. Current Major undertakings in the heavy construction field include the 2,760 MW Yacyreta Project, Parana River, Argentina/Paraguay, under construction; and the design of Denver's 500 foot Two Forks Dam.

Dick Harza has been an outspoken proponent of engineers' participation in the forum of public opinion, a frequent contributor of letters and articles of engineering viewpoint to the media and of talks before public and private gatherings. He was invited to address the 1984 Illinois Meeting of the Newcomen Society of the United States. His subject was "Developing Water Resources Worldwide".

He is also credited with being a leader in establishing, through the U.S. Congress and State Department, an organized method of securing payments from Iran for the services and products of U.S. engineers, contractors and suppliers caught in the revolutionary change in government 1979 - 1980. This effort supported the creation of the now-functioning Iran-American claims Tribunal in the Hague which has paid out more than \$500 million to American firms.

He is a registered professional engineer in twelve states and the District of Columbia. His professional societies and associations include: Past President, American Water Resources Association; Past Chairman, USCOLD; Fellow, ASCE; and Member, AICE, NSPE and the Newcomen Society.

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## FLAY (Continued)

He was a Registered Professional Engineer in the States of New York, Connecticut and Pennsylvania.

He is survived by his wife, Nina; six daughters, Nina, Angelynn, Celeste, Christine, Denise and Lisa; a son, George III; 14 grandchildren and a sister, Ruth Freeman.

## MERGENTIME

(Continued From Page 2)

in the construction field, Charlie has earned wide recognition as an innovator. He is the co-inventor of the jacked-pile machine which speeds underpinning operations by 10 to 15 times. He pioneered the use of cast-in-place post-tensioned concrete beam systems for underpinning work and was among the first to introduce the rodless reverse circulation drill into the United States.

Charlie is a registered professional engineer in New York and Alberta, Canada; and a Fellow of the American Society of Civil Engineers. A member of The Moles since 1967, he has devoted a great deal of time to the organization serving as committee member, Trustee, Secretary, Vice Chairman and Chairman of the Award Committee, Second and First Vice President, culminating with the Presidency in 1984. He currently serves on the Executive Committee. He is a member of the Beavers; the Society of American Military Engineers; the American Public Transit Association; and the Association of Professional Engineers, Geologists and Geophysicists of Alberta. He was recognized in 1982 by E N-R for "serving the best interests of construction".

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## Award Presenters

WILSON V. BINGER, retired Chairman and Partner, Tippetts-Abbett-McCarthy-Stratton has been selected to present the Non-Member Award to RICHARD D. HARZA at the Award Dinner to be held on January 28. Wilson and Dick Harza have known each other for many years primarily through their work on both the U.S. Committee on Large Dams and the International Committee on Large Dams. The committee has selected JOHN D. SAUNDERS, President, Slattery Associates, Inc., to present the Member Award to CHARLES E. MERGENTIME. Charlie succeeded John as President of The Moles and they have worked closely over the years in The Moles on various "special committees", etc.



GEORGE E. ZOGBI succumbed to a heart attack on October 19, 1986. He was 58.

George was Vice President of J. C. MacElroy Co., where he worked for the past 32 years. He was engaged in many marine projects, foreign and domestic, including: North River Pollution Plant, New York City; International Matex, Bayonne, New Jersey; and Foundation Embedment for 7 World Trade Center in New York City.

He will be remembered for his contribution to Marine Fendering and Mooring device development.

A member of The Moles since 1971 he was also a member of the American Society of Military Engineers.

George is survived by his wife, Kathy; and three children, Marina, George and Kathy.







DUDLEY A. SAUNDERS died on November 4, 1986. He was 69.

Born on June 17, 1917, Dudley earned his Civil Engineering degree from Cornell University in 1939. After graduation he joined the Slattery organization and worked his way through the ranks to become Senior Vice President in 1975, the position he held until his retirement in June of 1983.

Over the years, he was identified with many of Slattery's major foundation, building, subway, highway and bridge projects. Some of the more familiar were: Stuyvesant Town; The United Nations; World Trade Center; Verrazano Narrows Bridge; Long Island Expressway; and Second Avenue Subway.

He became a member of The Moles in 1955 and served diligently as a Finance Committee Member; Trustee and four years as Treasurer during the period from 1971 through 1983. He was also a Trustee of Crossland Savings Bank.

He is survived by his wife, Muriel; four children, John, Gerald, Peter and Wendy; a sister, Audrey Eiser; two brothers, Gerald and John and four grandchildren.



LEO J. FITZPATRICK died on November 4, 1986. He was 59.

A 1951 engineering graduate of Drexel University, Mr. Fitzpatrick spent over thirty years with The Conduit & Foundation Corporation becoming Senior Vice President the position he held at the time of his death. He played an important role in most of the firm's projects including the Girard Avenue and Spring Garden Avenue Bridges, The Scudders Falls Bridge, interstate highways across Pennsylvania and New Jersey, sections of the Schuylkill Expressway, the Center City Commuter Tunnel, Six Flags Great Adventure Amusement Park, and other projects including subway, and water & sewage treatment plants.

A member of The Moles since 1979 he was also a member of the Society of Military Engineers, the Contractors Association of Eastern Pennsylvania, the American Society of Highway Engineers and the Knights of Columbus.

He is survived by his wife, Theresa; daughter, Ann; two sons, Leo Jr. and Sean; his mother, Anna Fitzpatrick and two brothers.

## Two Mole Members To Receive Golden Beaver Awards

On Thursday, January 15, 1987 two Mole Members are scheduled to receive Awards at the Beavers Annual Award Dinner in Los Angeles. DENNIS C. Mc CARRY, Vice President in charge of underground construction for the California based, Guy F. Atkinson Construction Company, will receive the Award for Supervision and RICHARD J. ROBBINS, President of The Robbins Co., based in Kent, Washington and manufacturers of mining and tunnel machines, will receive the Beavers' Service-Supply Award.

● ALBERT A. MATHEWS, president and founder of Al Mathews Corporation, a construction engineering consulting firm in Federal Way, Washington, was honored by Michigan Technological University during that University's Alumni Homecoming August 7 - 9. Al received the MTU Board of Control's Silver Medal at the Homecoming Honors Dinner on August 8. The Silver Medal is presented to alumni whose personal and professional achievements stand as an example to Michigan Tech's younger graduates. Bearing a likeness of the Greek statue "Winged Victory", the Medal symbolizes personal success and significant achievements of Tech alumni who serve as leaders in their community, state and nation.

JAMES A. LEE died on October 1, 1986, after a brief illness.

Jim became a member of The Moles in 1938. At the time he was affiliated with North American Cement Corporation and later with Marquette Cement. He served as Sergeant-at-Arms during 1953 and after his retirement he was elected to Emeritus Member in 1967. He was designated a Life Member in 1978 on the anniversary of his 40th year.