

NEWS BULLETIN

AN ASSOCIATION OF MEN



OF THE MOLES

ENGAGED IN HEAVY CONSTRUCTION

**HOLING**

**THROUGH**

APRIL, 1982

## NORMAN A. NADEL

### 1982/83 PRESIDENT

**N**ORMAN A. NADEL, President of MacLean-Grove & Company, Incorporated has been elected to serve as The Moles' President for the 1982/83 year. He will be installed at the Annual Business Meeting & Dinner to be held at The New York Hilton Hotel in New York City on Wednesday evening, May 5, 1982.

Norman has been involved with underground construction since he was a mere youngster in the late 1930's when his father, the late Louis Nadel also a Mole Member, then working for Sam Rosoff took him below ground to observe the construction of the Sixth Avenue Subway at 34th Street in New York City. He has also been involved with The Moles, wearing many hats, since becoming a member in 1964, first as a committee member on the Publicity and Finance Committee (1965-1971); Secretary (1971-1973); Trustee (1974-1975); Treasurer (1975-1977); Vice Chairman and Chairman of the Award Committee (1978 and 1979); and Second and First Vice President (1980 and 1981). He truly personifies The Moles as their forty-fourth President.

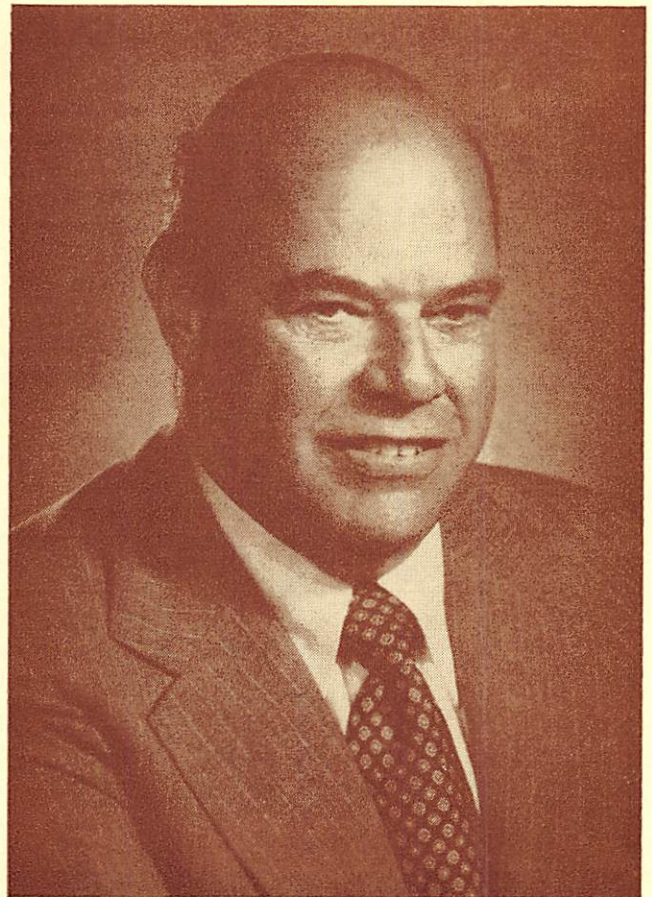
Other Officers to be installed on May 5th are: First Vice President - John D. Saunders, President, Slattery Associates Inc.; Second Vice President - Charles E. Mergentime, President/Founder, The Mergentime Corporation; Treasurer - James C. Armitage, President, Armitage & Co., Inc.; Secretary - Jack T. Walle, Consultant, Thomas Crimmins Contracting Co.; and Sergeant-at-Arms - Herbert E. Fletcher, President, H. E. Fletcher Co.

Trustees elected to serve three year terms are: Gerard J. Carty, Chief Engineer, Walsh Construction Company; Frank Catapano, President, Andrew Catapano Company; Melvin Febesh, Vice President, Urban Foundation Co., Inc.; Eugene D. Jones, Senior Vice President, Cahn, Inc.; Stirton Oman, Jr., Chairman of the Board, Oman Construction Co., Inc.; and Michael J Ucci, Vice President, AMCA International Corporation.

Norman A. Nadel was born in New York City on April 10, 1927, and with time out from college attendance to serve in the U.S. Navy during World War II received a Bachelor of Civil Engineering Degree from City College of New York in 1949.

While at CCNY he worked during the summer on Rosoff's contract for the construction of the Patapsco Montebello Tunnel in Baltimore. After a year of graduate study at Columbia University, he went to work for a joint venture of The Arthur A. Johnson Corporation and Mason & Hanger which had just submitted the low bid for the construction of the Sixtieth Street Tunnel connection for the New York City Board of

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## NORMAN A. NADEL

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Transportation. He started the job in the field office making alignment computations and designing sheeting, bracing and underpinning. When necessary, he was drafted occasionally to assist with the bidding of new work. After about a year on the job he was assigned as Chief of Party and was made responsible for the field layout of the work.

Norman left The Arthur A. Johnson Corporation and worked for Slattery Contracting and Hartsdale Construction and in 1959 he joined MacLean Grove & Company Incorporated to work in the company's main office. In 1961 when the firm obtained a most difficult contract involving the construction of the Sixth Avenue Subway Tunnels between Fourth and Nineteenth Streets, Norman was assigned to the job as Project Engineer; and in 1963 was promoted to the position of Project Manager. He became a Vice President of the company in 1966 and President in 1970.

During his tenure with MacLean Grove, the firm has been responsible for major underground construction projects involving cut and cover construction and rock and soft ground tunneling both in free and compressed air. The company has performed work as far away as New Zealand for a hydro-electric project and other work has entailed the construction of sewers, water supply facilities, highways and subways. Subway work has represented a very substantial part of the company's operations, performing work for large subway contracts in San Francisco, Washington, Boston and New York.

In addition to his responsibilities at MacLean Grove, Norman has been very active in industry affairs. Besides his work with The Moles, he was Chairman of the U.S. National Committee on Tunneling Technology which is a creature of the National Academy of Sciences, National Academy of Engineering; the USNC/TT's Subcommittee on Contracting Practices; and the ITA's Working Group on Contractual Sharing of Risk. He was a member of the ASCE's Committee on Contract Administration and is a Fellow of the American Society of Civil Engineers; a member of the British Tunneling Society; and a Trustee of the Local #147 (Tunnel Workers) Welfare Fund. He is a licensed Professional Engineer in the State of New York and while at college was elected to Tau Beta Pi and Chi Epsilon.

Norman and his wife, Cynthia reside in Greenwich, Connecticut. They are most proud of their three year old granddaughter and one year old grandson.

## 1969 President Dies

FRANK H. PEAVEY died at his home in Boise, Idaho on February 26, 1982 just short of his 69th birthday.

Frank retired in 1978 as a Vice-President of Morrison-Knudsen Company's operations in Central and South America.

Born in Twin Falls, Idaho on March 4, 1913 he attended Twin Falls High School and in 1935 received a Bachelor of Science degree in Civil Engineering from the College of Engineering of the University of Idaho. He was a member of Sigma Tau and Sigma Xi, honorary engineering and scientific fraternities; and of Phi Delta Theta.

Frank had been employed by M-K nearly all his adult life, joining the firm in 1936 after working less than a year as a surveyor for the Idaho Power Company and hydro-electric developments on the Snake River in Idaho.

From 1942 thru 1944 Frank was Project Engineer and Assistant Project Manager to CPNAB in Honolulu on construction of the underground ammunition depot for the U.S. Navy near Pearl Harbor and the completion of the dredging program at Midway Island. After the War he supervised construction of the Victoria-Minas railroad project in Brazil and became Manager of the company's operations in Brazil headquartered in Rio de Janeiro. From 1944 until his retirement in 1978 he was associated with major construction projects in Central and South America. During this period he was based in Rio de Janeiro, at New York City and at Boise, Idaho.

He was a member of the American Society of Civil Engineers; and received the U.S. Navy's Award for Meritorious Civilian service. Shortly after becoming a member of The Moles in 1956 Frank became actively involved serving as a Committee Member, Trustee, second and first Vice President and became the 31st President of The Moles in May 1969.

He is survived by his widow, Dorothy; two daughters, Nowell King and Martha Peavey; and two sisters, Elizabeth Lay and Alice Greif.

• J. JOSEPH CASEY has been named President and Director of Dillingham Corporation. He had served as Group Vice President-Construction; and President of Dillingham Construction prior to this latest promotion. He has been affiliated with Dillingham since 1967.



• A new "Tunnel Engineering Handbook" has been published with an initial printing of 7,000 copies. Mole Member TOM KUESEL is a co-author and five other Moles are contributing authors, namely, ROBERT J. JENNY, A. A. MATHEWS, ROBERT S. MAYO, TERENCE G. McCUSKER, and LYMAN D. WILBUR.

• On May 5, 1982 at the Annual Business Meeting & Dinner, President Sal DeSimone will present "Life Membership" to six of The Moles' membership. They include: EDWARD G. ARMITAGE, RALPH A. FLETCHER, RICHARD A. JOHNSON (1957 Moles' President), WILLIAM T. MAHOOD, JOHN H. TIERNAN and WILLIAM W. SHELBOURNE. All were elected in 1942.

• The following members were elected to Emeritus Status by the Executive Committee this past year thus creating vacancies for new members: ALFRED K. ALLEN, EMIL V. PILZ and CHARLES PRETSCH.

• JAMES L. MANN, Mole Member and Vice President of S. J. Groves & Sons Company headquartered in Minneapolis, Minnesota was elected President of the Beavers on January 21, 1982.

## Moles Elect

### 17 New Members

At a recent Executive Committee Meeting, seventeen new members were elected as of May 1, 1932.

In alphabetical order they are: Donald G. Armstrong, Raymond International Builders, Inc.; Claes Bjork, Skanska (USA) Inc.; Warren M. Bullock, Guy F. Atkinson Company; John E. Chiaverini, Perini Corp.; John P. Flaherty, The Edward C. Flaherty Corp.; John W. Fowler, Tidewater Construction Corp.; Richard E. Hall, Underground Construction Company; Richard J. Halloran, The Conduit & Foundation Corp.; Leo M. Halley, Port Authority of N.Y. & N.J.; Donald S. Miner, The Mergentime Corporation; Lt. Gen. John W. Morris, U.S.A. (Ret.) Royal Volker Stevin, N.V.; Donald O'Hare, Slattery Associates, Inc.; Wylie B. Pieper, Brown & Root; Robert L. Polvi, Bechtel Group; Victor J. Scaramilli, S & M Constructors; Bart Spota, J. C. MacElroy Co., Inc.; and Dominic A. Zarrella, Mueser, Rutledge, Johnston & DeSimone.

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EDGAR F. KAISER died on December 11, 1931 at the University of California's Moffitt Hospital after a long illness. He was 73.

Edgar Fosburgh Kaiser was born in Seattle July 29, 1908. As the son of Henry J. Kaiser, who often had his family live in the camps of his construction projects, young Edgar began learning the business of engineering and construction at a very early age. By the time he was 12 he was working in the summer on construction projects as a waterboy, a messenger and a clerk.

He entered the University of California and in 1930 one semester short of graduation he quit college and headed for Texas where he had been offered a chance to work as a pipeline construction superintendent. In 1932 when the pipeline job was completed he joined the construction team building Boulder Dam one of his father's projects. Starting as a shovel foreman, Edgar became superintendent of canyon excavation. From that project, he went on to become administrative manager of the main spillway on the Columbia River's Bonneville Dam. Bonneville was completed in 4 years, one year ahead of schedule.



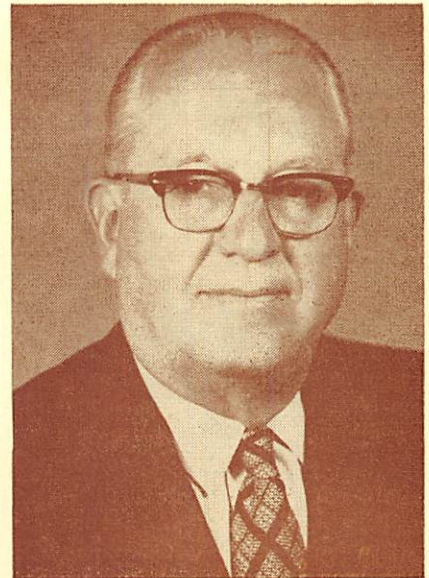
At 34 he was named Vice President and General Manager of the company's World War II shipbuilding program in the Pacific Northwest. In 1954 Edgar took over the Kaiser empire. He served four Presidential administrations. President Kennedy appointed him to the President's Missile Sites Labor Commission and to the Committee on Equal Employment Opportunity. He served on the Committee on Urban Housing and the Committee on Labor-Management Policy under President Johnson. President Ford named him to the Advisory Committee on Refugees and President Carter appointed him to the National Health Insurance Issues.

In 1963 Edgar F. Kaiser received The Moles' non-member Award. Cited as "*unexcelled in proficiency in his chosen profession, Heavy Construction, who, by his incomparable administration of a world-wide construction empire, is now an international Ambassador of Good Will*". He promptly became an Honorary Member. In January 1965 at the Annual Award Dinner Edgar gave his unforgettable address dubbed "A Moles' Dream". Just prior to that time, the Executive Committee had elected him an active dues paying member which he remained until his death.

In 1969 he was awarded the Medal of Freedom for his efforts to expand the amount of low and moderate income housing.

At the time of his death he was Chairman Emeritus and Honorary Director of Kaiser Aluminum and Chemical Corp., and of Kaiser Cement Corp., and of Kaiser Steel Corp.

He is survived by his second wife, Nina; three sons, Edgar, Jr., Henry, and Kim; three daughters, Carlyn Stark, Becky Drobac and Gretchen Gudgell; and twenty grandchildren.

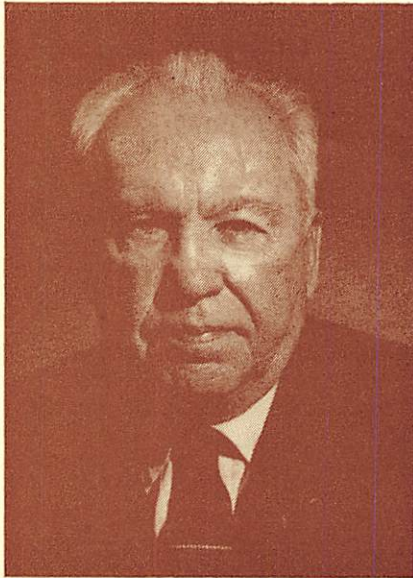


CARL B. JANSEN died on October 26, 1931. He was 81.

Born in upstate New York in the farming community of Fonda, he received a B.S. degree in civil engineering from Union College in Schenectady, N.Y. He immediately joined the Dravo Contracting Company (now Dravo Corporation) as a field engineer.

Within a month he was assigned to a project for construction of foundations for a railroad bridge near Detroit. In 1932 he was named general superintendent for Bridge Builders, Inc., a jv of seven construction firms including Dravo, formed to build the substructure for the East Bay section of the San Francisco-Oakland Bay Bridge. Upon completion of that assignment Mr. Jansen was appointed director of the Dravo Contracting Company and a month later he was named assistant to the president. For the next 12 years he was deeply involved in the company's heavy construction activities. In 1946 he was elected President of Dravo Corporation and confronted with the task of redirecting the company's destiny in line with the changes brought about by the end of World War II. He initiated a program for expansion of traditional services and laid the foundation for a diversification program, which, upon being elected Chairman in November 1959, he helped to implement. He retired in 1966 and was named Honorary Chairman of Dravo Corporation.

Carl B. Jansen received the Moles' non-member Award in 1955 cited as "*Citizen, Engineer, Constructor in recognition of his outstanding leadership and accomplishments in the Construction Industry*". He was also an Honorary Member of the ASCE.



MICHAEL J. MADIGAN died in New York City on October 24, 1981. He was 86.

"Jack" Madigan was born in Danbury, Connecticut but grew up in Western Pennsylvania. He did not have an advanced formal education but started his career in the construction industry at the age of 13. As he gained experience, he assumed increasing responsibilities for contracting organizations until he became a general superintendent. Ultimately he received one of the first PE licenses under the "Grandfather Clause" of the professional registration law.

In the late 1920's while working on Jones Beach, Jack Madigan met Robert Moses and began an association which eventually made him one of Mr. Moses' closest advisors. He carried out many major assignments in the "Master Builder's" program as well as being responsible for the early feasibility studies and financing plans behind many toll-producing facilities. In 1929 Mr. Madigan and the late, Richard V. Hyland, a civil engineer graduate of Notre Dame University, formed the partnership of Madigan-Hyland and started their consulting engineering practice.

For four decades Jack Madigan headed the Madigan-Hyland organization and played a leading role in engineering such projects as the New York State Thruway, Tappan Zee Bridge, Bronx-Whitestone Bridge, Marine and Cross Bay Parkway Bridges and the Belt Parkway.

During World War II Mr. Madigan was Special Assistant to Under-Secretary of War, Robert Patterson, and was assigned primary responsibility for the Corps of Engineers' construction program. In 1947 he became the first consulting engineer for the World Bank.



JOHN R. McKINNEY, II died on March 3, 1982 in a one-vehicle accident on State Highway 21 east in Texas. He was 44.

Mr. McKinney was President of McKinney Drilling Co., headquartered in Nacogdoches, Texas. He is the son of Jack R. McKinney also a Mole member.

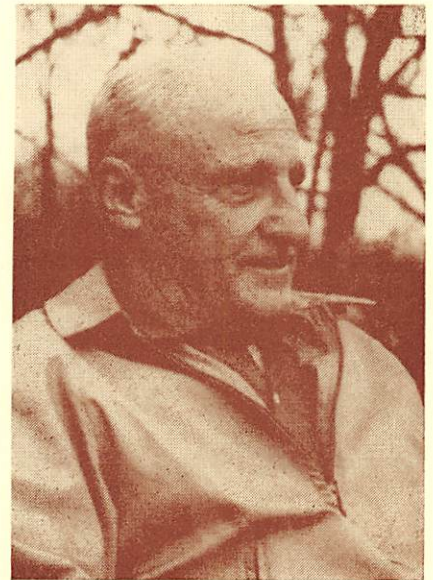
Born in Gainesville on November 21, 1937, John lived most of his life in Nacogdoches. He received his high school diploma from Episcopal High School in Alexandria, Va. and attended the University of Virginia. He graduated from Stephen F. Austin State University in 1962.

As President of McKinney Drilling Company, John actively participated in the construction of Section II, Trans-Alaska Pipeline and the foundations for the North River Pollution Control Project. From 1968 through May of 1976, he was President of Atlantic Equipment & Supply Company, a division of McKinney Drilling Company, engaged in the design and manufacture of foundation drilling equipment. During that period several innovative machines and tools were developed and patented that substantially reduced foundation drilling costs. He also served as a Director of Terrafreeze Corporation, ground freezing specialist for excavation purposes.

John was Vice President of the Nacogdoches Art League and had gained

#### MADIGAN —

For his contribution to the military construction program during World War II, Mr. Madigan received the U.S. Medal of Merit. He was an Honorary Member of ASCE; and the second recipient of The Moles non-member Award which he received in 1942.



MASON C. PRICHARD died on November 6, 1981 at the Bethesda Retirement Home in Bethesda, Maryland. He was 82.

Col. Prichard was born in Mobile, Alabama and was a graduate of the University of Alabama. He joined the Army Corps of Engineers in 1923. During World War II he served as Chief of the Construction Branch, Army Services Forces. Among his decorations were the Asiatic-Pacific Campaign Medal with three Bronze Stars, the Philippine Liberation Ribbon and the Legion of Merit.

After the war he joined the Foundation Corporation of New York City as a Vice President and later went with Oman Construction Company of Nashville, Tenn., to serve as Vice President.

He was a past President of the Washington Society of Civil Engineers; a former director of the American Society of Civil Engineers; and a member of Phi Kappa Sigma, and the American Society of Military Engineers.

Mason Prichard became a member of The Moles in 1963 and a member emeritus in 1971.

He is survived by his wife, Ann; two daughters, Jean Fisher and Ann Pace; eight grandchildren, and two great grandchildren.

#### McKINNEY —

recognition for paintings and drawings which he executed as a hobby. He became a member of The Moles in 1978.

He is survived by his wife, Linda; his parents, Mr. and Mrs. Jack R. McKinney; two sons, John Richard McKinney, III, and Tom Watson McKinney; a daughter, Laura Wade McKinney; and a sister, Mrs. Fred Bussa.