

### **Philip F. Frandina, P.E., L.S.**



Phil got an early start in construction. His father was a concrete contractor and all the boys were expected to help in the family business. In 1956, and after several construction jobs, Phil decided to begin working toward an engineering degree at UB's Millard Fillmore College. Attending night school, he worked days as a welder, then as a City of Buffalo Engineering Inspector, and an Eric County Highway Department Engineering Assistant. He received his BS in Civil Engineering in 1964, followed by professional licenses in engineering and land surveying.

He designed several bridges including the Maple Road Bridge over Ellicott Creek. Phil subsequently held all of the engineering titles in the Erie County Department of Public Works, including Deputy Commissioner for Highways, where he implemented a road-widening program. Under his guidance, 35 miles of county roads were reconstructed per year using in-house employees only, saving Erie County taxpayers huge sums of money. In 1982 he was appointed Commissioner of Public Works by then County Executive Edward Rutkowski. With over 1,000 employees, he was responsible for all county highways, bridges and buildings. The \$60 million Downtown Holding Center and the Alden Correctional facility were completed on time and under budget in spite of the County's 1984 financial crisis. Phil also

implemented a county-wide energy conservation program for public buildings. As the county's representative on the Erie-Niagara Planning Board and the Niagara Frontier Transportation Committee, he approved funding leading to many local transportation projects including the construction of the Buffalo-Niagara International Airport.

Phil served as president of the Erie-Niagara Chapter of the New York State Society of Professional Engineers and was selected by them as "Engineer of the Year" in 1987. He has served as president of the Technical Societies Council and of the Buffalo section of the American Society of Civil Engineers. Phil founded the local chapter of the Association for Bridge Construction and Design. In 1988, the state chapter of the American Public Works Association named him as their candidate for the "Top Ten Public Works Officials".

In 1988, a change in county government provided the opportunity for Phil and his son Joe to form a consulting firm, Frandina Engineering, PC. They designed several highways, bridges and buildings, including the Buffalo Bills luxury suites.

At present, Phil is still active as an expert witness in engineering and as an arbitrator in construction disputes.

### **Frank P. Frandina, P.E.**



Frank has an undergraduate degree in Civil Engineering from the University at Buffalo and a graduate degree earned in 1974 under a fellowship sponsored by the National Science Foundation.

Since joining Hatch in 1975, Frank's responsibilities included project management, civil and structural design and construction management for most of Hatch's and Hatch Mott MacDonald's (HMM) major transportation projects, specializing in underground facilities and urban rapid transit systems. Major projects include the Buffalo Subway and the Los Angeles Metro Red Line. Frank was the Chief Engineer and Project Design Manager for the Vhiffier Tunnel in Alaska that was the recipient of the ASCE's Outstanding Civil Achievement Award (OCEA) for 2001.

Appointed Associate in 1984 and Vice President-Director in 1991, Frank has been a major factor in the steady growth of Hatch's and HMM's work in the public sector across the US. Frank has also been responsible for HMM's design-build practice group since 1998 and was recently appointed Manager of Engineering for all HMM's North American operations.

Frank is currently licensed as a Professional, Civil or Structural Engineer in 19 states. Publications include two papers on tunnel analysis and a feature on the Whittier Tunnel in the April 2000 issue of ASCE's Civil Engineering magazine.

### **Joseph S. Frandina, P.E.**



Joe completed the Engineering Science program at Erie Community College and then earned his Bachelor of Science degree in Civil Engineering from the University at Buffalo in 1977. Upon graduation, Joe was employed at Nussbaumer & Clarke and URS Corporation where he worked on such projects as the original Love Canal investigative study, The South Towns Sewerage Treatment Plant and a number of highway and bridge projects in Western New York. Among them was the Alden-Criftenden Bridge over Amtrak and the challenging but picturesque Willardshire Road Bridge over Cazenovia Creek.

In 1988, Joe and his father, Philip, formed Frandina Engineering, PC. They designed several highways, bridges and buildings including the new IIMAK building in Amherst. They designed the Club Level suites for the Buffalo Bills establishing Joe's professional relationship with the Bill's management. In 1995, Joe was offered a full time position as the Bill's Engineering Manager. He has since overseen the construction and renovation of over \$90 million worth of stadium improvements. He was recently promoted to Director of Stadium Operations.

A licensed engineer, Joe was honored as the New York State Young Engineer of the Year in 1985 and was selected by the Erie-Niagara Chapter of the NYSSPE as Engineer of the Year in 2000. He is a past president of the Erie-Niagara Chapter of NYSSPE (1993) and the UB Engineering Alumni Association (1994).

## **UB Engineering Alumni Association Engineers of the Year 2001**

### **Rosanne Frandina, P.E.**



Rosanne received her BS in Civil Engineering in 1981 and an MBA in 1983 from UB. She began her career at Malcolm Pirnie and in 1985 was hired by the City of Buffalo. Mayor James Griffin appointed her Director of Development in 1988. Here she oversaw the design and construction of many projects including the Waterfront Village townhouses, the New Buffalo Industrial Park, Key Center, Rotary Rink at Fountain Plaza, the downtown overhead walkway system and many neighborhood community centers. In 1994, she was named Executive Secretary of the Buffalo Sewer Authority and then became Treatment Plant Administrator for the Bird Island Waste Water Treatment Plant.

Last year, she left public employment to join her father at Frandina Engineering.

She served on several Civic boards including the Horizons Waterfront Commission, Friends of the Buffalo River and chairwoman of the Buffalo Water Board. In 1998, she became the first woman (and 4th member of her family) elected president of the Erie-Niagara Chapter of the New York State Society of Professional Engineers. She was honored by the Society on the National level as its

1990 Young Engineer of the Year.

She currently serves the chapter as Webmaster of [www.erieniagarape.org](http://www.erieniagarape.org). She is licensed in NY as a Professional Engineer and Real Estate Broker. She lives in Buffalo with her husband and 3 children and is Cubmaster for Pack 151 at Mount Saint Joseph Academy.

## Evening Program

- 6:30 p.m. Cash Bar
- 7:30 p.m. Welcome Jim Boyle, EAA
- Introductions Jim Boyle, EAA
- Remarks Mark Karwan, Dean, SEAS
- 7:45 p.m. Dinner

Immediately following dinner:

### **Presentation of Engineers of the Year**

Ted Myers presents Engineer of the Year Award to  
Rosanne Frandina

Jim Boyle presents Engineer of the Year Award to  
Joseph Frandina

Steve Golyski presents Engineer of the Year Award to  
Frank Frandina

Rosanne, Joseph, and Frank Frandina  
present Engineer of the Year Award to  
Philip Frandina

## The UB Engineering Alumni Association

and the

## School of Engineering and Applied Sciences

welcome you to the

## 12<sup>th</sup> Annual Award Presentation

of

## Engineer of the Year

at the

**Holiday Inn, 1881 Niagara Falls Blvd.**

**Friday, October 12, 2001**

The UB Engineering Alumni Association and the School of Engineering and Applied Sciences welcome you to the 12<sup>th</sup> Annual Award Presentation of Engineer of the Year. Tonight we honor four members of the Frandina Family as outstanding engineers in our community.

**Philip F. Frandina, PE, LS, UB BS CIE '64**

**Frank P. Frandina, PE, UB, BS CIE '73, UB MS CIE '74**

**Joseph S. Frandina, PE, UB BS CIE '77**

**Rosanne Frandina, PE, UB BS CIE '81, UB MBA '83**