



PROFESSIONAL ENGINEER

EDUCATION:

Bachelor of Science, Civil Engineering, University of Arizona
Master of Business Administration, Finance, Northwestern University

PROFESSIONAL ENGINEER:

PE - State of Florida - #17976
PE - State of Illinois - #62-26484

PROFESSIONAL AFFILIATIONS:

Urban Land Institute
Institute of Transportation Engineers.

EXPERIENCE:

Mr. Plummer founded David Plummer and Associates in 1978. The firm provides a wide variety of engineering services with emphasis on traffic and roadway design. His engineering career spans more than 45 years and includes some of the most significant projects in Florida.

Formerly, Mr. Plummer was the Assistant Director of Engineering at the Traffic Institute at Northwestern University. While in that position, he developed and published materials related to capital improvements for transit, guidelines for driveway design, intersection capacity analysis, and traffic accident reconstruction. He has lectured on many of these subjects at the following universities.

- North Carolina State University
- University of Hawaii
- University of Alaska
- Florida International University
- Northwestern University
- College of Engineering/San Juan
- University of Miami

Mr. Plummer's public engineering experience involves local, county, and state jurisdictions where he pioneered studies of street protection systems to reduce crime and traffic. He was affiliated with the Criminal Justice Institute in South Florida and promotes close cooperation between law enforcement and traffic engineering.

WORK EXPERIENCE AND PROFESSIONAL HISTORY:

In addition to Northwestern University, previous employment included the California Department of Transportation and the Illinois Department of Transportation. He was a graduate of the training programs of both organizations. This training included planning, traffic engineering, design, material testing, and construction.

Mr. Plummer is involved in professional committee service. He was a member of the Coral Gables Planning and Zoning Board, Dade County Impact Fee Committee, and a member of the NW Dade/SW Broward Planning Committee. In Florida, he has been involved in the Florida Supreme Court Transportation Training, the Criminal Justice Institute, and committees of the Florida Department of Community Affairs. Committee service with the Institute of Transportation Engineers has included:

- Driveway Design Standards
- Trip Generation Manual (3rd, 4th, 5th Edition)
- Parking Generation (2nd Edition)
- Neo-Traditional Neighborhood Design Standards



REPRESENTATIVE PROJECTS:

Mr. Plummer has been involved in some of the most complicated and exciting projects undertaken in South Florida. This involvement was both technical and management. Several of the most significant projects are:

Dade County Rapid Rail System

Mr. Plummer was part of the management team for the development of the Dade County Metro-Rail System. As part of the management team, he was responsible for technical decisions related to the system concepts. Mr. Plummer was also responsible for pre-development funding of the transit referendum.

Metropolitan Dade County Zoological Park

Mr. Plummer was the Project Manager for master planning and design of the new zoological park. The Federal Government gave Dade County 1,000 acres, which would have been part of a military base, for the development of the zoological park. Mr. Plummer toured seven zoos in the United States and Canada to establish civil engineering design standards. He was responsible for the Master Plan and for the civil engineering design.

Miami Seaquarium

Mr. Plummer has participated in this project as a transportation and civil engineering consultant to the Seaquarium. Seaquarium, constructed in the 1950's, undertook an extensive expansion to the educational and entertainment facilities in the 1980's. Mr. Plummer was involved in the access, parking, circulation, development rights, litigation, and general engineering aspects of the redevelopment of the project.

Truman Annex

Private interests purchased the Truman Annex naval base in Key West. Mr. Plummer served as a traffic and civil consultant to the redevelopment of the commercial, residential, and entertainment portions of the site. The responsibilities began with the traffic and civil master planning of the site, including such unusual items as the restoration of a 70 year old surface water system and expanding to supporting roadway improvements in historic Key West. The successful project, now complete, has become a Key West landmark.

American Airlines Arena

Mr. Plummer has been the traffic and parking consultant for the 24,000 seat arena in Miami. The Arena, located in a downtown environment, makes full use of the transit system, existing parking, and off-peak hour street conditions. The Transportation Management Plan supporting this site included a Special Event Traffic Plan, a web site to direct unfamiliar drivers, and promotion of pre-stops at restaurants and other entertainment sites.

OTHER SIGNIFICANT PROJECTS:

- Brickell Avenue Area Transportation Study
- Boston Red Sox Spring Training Stadium
- Miami International Airport (Automated People Mover)
- Cocowalk
- Southwest Florida International Airport (Terminal Roadway Design)
- Marco Island Transportation Strategy
- Downtown Miami Development of Regional Impact
- HealthPark Florida
- Coral Gables / Merrick Circle Parking Facilities
- Doctors Hospital of South Miami
- Beacon TradePort
- Coral Gables Street Calming Plans
- Villages of Merrick Park
- Falls Regional Center
- One Miami Center
- Coconut Point Regional Center
- Coral Springs DRI
- Florida Marlins Site Evaluations