



EDUCATION:

Bachelor of Science, Civil Engineering, North Carolina State University
Master of Business Administration, University of Colorado

PROFESSIONAL ENGINEER:

State of Florida - #49676

YEARS OF EXPERIENCE:

Total Years of Experience - 36
Total Years with DPA - 29

EXPERIENCE:

Mr. Plummer is responsible for the overall transportation planning, traffic engineering, and civil design for the company. These responsibilities include: project management and strategies, technical analysis, and quality control/quality assurance. He has over 25 years of transportation/civil experience including two years with the Florida Department of Transportation's District 6 office.

Mr. Plummer's general experience includes tasks related to traffic operations and safety, transportation engineering, transportation planning, traffic engineering, access management, site design, traffic calming, parking analyses, and geometric design. His transportation engineering experience includes traffic impact analyses, transit studies, access management, corridor studies parking studies, and safety studies. Mr. Plummer's design experience includes roadway design, site design, and signal design. His experience also includes signal timing (using TRANSYT-7F) and capacity analysis (Highway Capacity Software), as well as the interconnection of multiple traffic signal controllers.

REPRESENTATIVE PROJECTS:

Mr. Plummer has worked on various projects from planning through design. Several significant projects are:

City of Boca Raton Downtown Parking Study

Mr. Plummer managed the technical efforts for a comprehensive parking study for Downtown Boca Raton to reanalyze the adopted parking requirements and investigate new strategies to meet short-term and long-term parking needs. The work tasks included a detailed parking inventory, projecting parking demand, and recommending parking strategies to meet future demand.

American Airlines Arena Transportation Management Plan & Parking Study

Mr. Plummer was responsible for providing a comprehensive traffic and parking management plan for the American Airlines Arena in downtown Miami, FL. This effort included developing temporary street modifications, police control plans, fire-rescue access, bus/taxi/limo staging plans, surface street signs, expressway directional signs, and parking plans. This multi-jurisdictional effort led to one of the fastest parking garage unloading times for a National Basketball Association arena.



Downtown Miami Transportation Master Plan

Mr. Plummer spearheaded the management and technical efforts of this complex transportation master plan for downtown Miami. This plan guides future transportation improvements, solves transportation problems, improves the efficiency of the transportation system, and helps to achieve the desired vision for Downtown Miami for the next 25 years.

OTHER SIGNIFICANT PROJECTS:

- Miami-Dade County MPO Congested Intersection Improvement Study
- Miami-Dade County MPO US-1/SR 878 Intersection Sub-Area Study
- Miami-Dade County MPO Adding Turbo Lanes to T-Intersections Study
- Miami-Dade County MPO Miami Gardens Drive Circulator Study
- Miami-Dade County MPO Safe Routes to Parks Study
- Miami-Dade County MPO Congestion Management System
- Miami-Dade County MPO Public Works Transportation Consultant
- Miami-Dade County MPO Transportation Consultant
- Miami-Dade County MPO Integrated Transportation Management System (ITMS)
- Marlins Ballpark Study
- Coral Gables Trolley Study
- Mercy Hospital Parking Study
- Boca Raton Circulator Feasibility Study
- City of Boca Raton Transportation Consultant
- Museum Park Miami Transportation Consultant
- Doctors Hospital Parking Study
- City of Miami Transportation Consultant
- FDOT District 6 Traffic Operations and Safety Studies Consultant
- FDOT District 6 General Planning Consultant
- FDOT District 6 Expert Witness
- City of Coral Gables Transportation Consultant
- Village of Pinecrest Transportation Consultant
- Downtown Miami Circulator
- City of Coral Springs Transportation Consultant