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### **University Education**

1974 Polytechnic Institute of New York Masters Courses in Transportation  
1970 Lehigh University, Pennsylvania Bachelor of Science, Civil Engineering

### **Employment History**

1974- 2006 Florida Department of Transportation (retired July, 2006)

- Engineer, Consultant Construction Engineering & Inspection (CEI) (since 97)
- Engineer, District Construction Safety (MOT) (95-97)
- Engineer, Resident Construction- Broward County (92-95)
- Engineer, Interstate-95 Reconstruction Project – Broward County (88-92)
- Engineer, District Traffic Operations (82-88)
- Engineer, District Structures and Facilities (82)
- Engineer, Resident Construction – Broward County (79-82)
- Assistant District Construction Engineer (79)
- Engineer, District Public Transportation (75-79)
- Area Airport Engineer (74-75)

1970-74 New Jersey Department of Transportation  
Aviation Engineer –Airports

### **Career Summary**

Over 30 years of progressive responsible management of diverse transportation projects. Extensive experience in various aspects of transportation engineering and safety. Examples of professional experiences and accomplishments include:

- Supervised over 125 technicians and engineers on 25 projects costing more than \$150M for the reconstruction and new construction of 78 miles of interstate and primary arterial highways.
- Responsible for Florida's participation in route alignment and design of Miami's Metrorail Transit System costing over \$800 M.
- Developed a program for fast response contracts (Push-Button) for signing, marking and signalization which has been adopted throughout Florida.

- Managed and led construction managers in adapting Florida Department of Transportation's organization to the Sterling Model of organizational excellence. Developed the Dist 4 Matrix Performance Report which has been adopted state-wide.
- Act as the Dist 4 "Champion" for Customer Satisfaction, particularly the businesses that are impacted by our construction. Developed Dist 4 surveys for businesses to give feedback to FDOT in addition to the annual statewide survey.
- Responsible for I-95 major reconstruction in Broward County, Florida over 19 miles of interstate (\$80M) with a day and night schedule. Work was accelerated to avoid a third tourist season impact.
- Helped develop a new approach to auditing construction projects through risk management rather than a full accounting of all costs using Perado principles, reducing the process time from 365 days to 90days.
- Responsible for Florida's participation in major airport reconstruction through the Federal Airport Development Aid Program.
- Responsible for railroad track safety in accordance with Federal Railroad Administration standards.
- Developed the District 4 Variance Committee to resolve and approve exceptions to the Florida Department of Transportation standards.
- Responsible for the federally sponsored demonstration projects for commuter bus service; the "Orange Streaker" express service and the "Blue Dash" express contra flow service.
- As Champion for Cost reduction, developed analysis of construction time and cost % overruns on District 4 projects to target areas for improvement. Reduced cost overruns from 18%+ in 2002 to < 10% in 2006.
- Responsible for the proper inspection of over 300 fixed and 40 bascule (moveable) bridges.
- Developed and implemented a work zone safety and maintenance of traffic inspection system for construction projects.
- Managed diverse units within the Florida Department of Transportation such as Construction, Traffic Operations, Structures Inspection, Public Transportation, and Consultant Contracts.
- Developed a stage type construction method called the "Train Construction" where contractors are required to finish work in a linear progression. Results in reduction of

- Testified in various lawsuits on behalf of the Florida Department of Transportation, including being the official department representative for technical expertise.
- Justified to top management the development of a new program to assist stranded motorists in order to keep peak hour traffic moving during the reconstruction on I-95 (now called Road Rangers). This service was so successful that it is now a permanent service on major corridors through-out Florida and it has helped to improve the Florida Department of Transportation's image with motorists.

### **Awards**

Florida Transportation Road Builder's Association (1993)  
 Urban Project of the Year (for work with the Interstate 95 project)

Davis Productivity Awards for Governmental Efficiency (Group Awards)  
 Variance Committee for Saving Florida money (1998)  
 Final Estimate for Project Time Efficiency (1999)  
 Consultant Cost Reduction Effort (2004)

### **Speaking and Teaching**

- University of Florida , Instructor for "Advanced Maintenance Traffic" classes (2000-2001)
- Florida Department of Transportation, "Work Zone Safety" classes (1998-2001)
- Periodically speak on behalf of the Florida Department of Transportation on radio, television and to groups.

### **License**

Florida Professional Engineer (1975-present)      License #21483

### **Hobbies**

Biking, kayaking, roller blade skating, gardening, movies and traveling.

### **References**

Available on Request