

**RHETT LEARY, PE**  
 Vice President/Florida Construction Services  
 TIN: L60072350

Rhett Leary is a construction manager with a strong background in Florida infrastructure transportation projects. Rhett has been involved with the management of more than \$4 billion in transportation construction during his 38-year career. He has the experience of working for the Florida Department of Transportation, Florida Contractors, and Florida Consultants and frequently utilizes the knowledge gained to effectively communicate the perspective that each organization can recognize to obtain an accepted resolution to the most complex construction or contractual issue. As part of HNTB's construction management team in the Lake Mary office, his areas of expertise include construction management, resident engineering, construction inspection, utility construction and coordination, and material testing. Rhett is currently providing leadership and quality assurance support for all construction services within the state of Florida.

**Relevant project experience includes the following:**

**I-595 Corridor Roadway Improvements, I 595 Express, LLC for Florida Department of Transportation (FDOT) District 4, Fort Lauderdale, FL (48384)** -Senior Project Engineer for the first two years and then Quality Assurance Manager for the concessionaire CEI team for the I-595 corridor roadway improvements that consists of reconstruction, operation and maintenance of the I-595 mainline, express lanes and all associated improvements to adjacent cross-roads, frontage roads and ramps from the I-75/Sawgrass Expressway interchange to the I-595/I-95 interchange. The project will build three reversible high occupancy toll (HOT) lanes in I-595's median, and tolls will vary according to traffic volume. The 10.5-mile project extends from the I-75/Sawgrass Expressway interchange west of SW 136<sup>th</sup> Avenue to the I-595/I-95 interchange. The project passes through or lies immediately adjacent to six jurisdictions: City of Sunrise, Town of Davie, City of Plantation, City of Fort Lauderdale, Town of Dania and unincorporated areas of Broward County. The project is part of a public-private partnership (P3) between FDOT and I-595 Express, LLC. ACS Dragados will finance, build, operate and maintain the project for a 35-year term. FDOT will set and collect tolls and make payments to ACS annually based on its successful operation of the road. The major improvement measures include at-grade express toll lanes serving express traffic to and from I-75/Sawgrass Expressway to and from east of SR-7, with a direct connection to the median of Florida's Turnpike; the addition of auxiliary lanes on the eastbound and westbound I-595 and SR-84 roadways; a continuous connection of the SR 84 frontage road between Davie Road and SR 7; grade separated (braided) interchange ramps; combined ramps and cross-road bypasses; geometric improvements to the I-595/Florida's Turnpike Interchange; widening/reconstruction of Florida's Turnpike from

**RHETT LEARY, PE**

**Firm**

HNTB Corporation

**Education**

M.S.M., Business Management  
 Troy State University, 1990  
 B.S., Civil Engineering  
 University of Florida, 1981  
 A.S. General Studies, Pre-Engineering  
 Lake City Community College, 1971

**Professional Registrations**

Professional Engineer - Florida  
 (1988)

**Certifications & Training**

CTQP Construction Management  
 Academy  
 ATSSA Advanced MOT  
 Troxler Radiation Safety Officer  
 Certified Construction Manager -  
 CMAA (1997)  
 Confined Space Entry, Attendant &  
 Supervision Training  
 OSHA 10-Hour Training Exclusively  
 for the Roadway Construction  
 Industry

**Professional Affiliations**

Florida Engineering Society  
 National Society of Professional  
 Engineers

**Hire Date with HNTB**

July 1997

**Years of Experience with  
 other Firms**

24

Griffin Road to Peters Road; the accommodation of a future transit envelope within the corridor currently under development as part of the Central Broward East-West Transit Analysis (CBE-WTA); and implementation of the environmental commitments set forth in the PD&E Study and subsequent environmental permit commitments as they relate to the design, construction and maintenance of the project. Major construction components include roadway and barrier walls, earthwork, retaining and noise abatement walls, 63 bridges (new, widening and reconstruction), drainage, and intelligent transportation systems.

Client Reference: Robert Correia

Reference Title: I 595 Express, LLC -

Phone: (954) 513-3200

Professional Start/End Date: 06/2009-Current

Construction Start/End Date: 08/2009-08/2014

FIN No.: 42080935201

Cost: Construction - \$1.3 billion (estimated)

**I-4/SR 408 Interim Interchange (Group 90 CEI), FDOT District 5, Orlando, FL (41463)** - Senior Project Engineer responsible for this major interchange project that winds through the heart of downtown Orlando. The project involves fly-over bridges from eastbound and westbound SR 408 connecting to I-4 eastbound. There are seven other complex bridges on the project as well. It includes trapezoidal steel tub girders, Florida U-beam, steel plate girders and AASHTO girders. The project includes steel H-piles and precast concrete piling.

Client Reference: Loreen Bobo, PE

Reference Title: Construction Project Manager

Phone: (407) 482-7832

Professional Start/End Date: 02/2007-12/2008

Construction Start/End Date: 06/2006-12/2008

FIN No.: 24248425201

Cost: Construction - \$124 million

**SR 429 (Western Beltway) Part C, Florida's Turnpike Enterprise (FTE), Kissimmee to Orlando, FL (36349)** - Consultant Program Manager for the southern link of SR 429 with I-4. Project involved new construction of 10.2 miles of roadway with 15 bridges, including two trapezoidal steel tub girder flyovers of I-4; interchanges with I-4, Sinclair Road, US 192 and Western Way into Disney; one mainline toll facility with through-tolling using northbound and southbound gantry structures; and six ramp toll facilities. The project completed the southern connection of the Western Beltway (SR 429) with I-4 and was awarded the FDOT/FTBA "Best in Construction" award for Interstate Highway 2007.

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Client Reference: Kurt Stone, PE  
Reference Title: CEMC Program Manager  
Phone: (954) 975-4855  
Professional Start/End Date: February 2004/February 2007  
Construction Start/End Date: May 2004/April 2007  
Cost: Construction - \$133 million  
FIN No.: 40349825201, 40349835201, 40349725201, 40349735201, 40349865201  
With HNTB? Yes

**Western Beltway Connector Road (Western Way), RCID Lake Buena Vista, FL (39443)** - Principal in Charge of this \$23.5 million project involving the construction of 2.4 miles of divided roadway with four bridges, existing side street alignment and project interface coordination with the concurrent construction of SR 429 Western Beltway Part C, Section 3A project. The critical element of this project was the top-down construction of two bridges that were 1,873 feet long and required construction over and through an environmentally-sensitive wetland with access only at the end of the bridges

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Client Reference: Bruce Jones  
Reference Title: Infrastructure Manager  
Phone: (407) 828-1385  
Cost: \$23.5 million

**SR 429 (Western Beltway) Part C, Orlando-Orange County Expressway Authority (OOCEA), Orlando, FL (36007)** - Principal in Charge for the 653 project which spans from south of McKinney Road to Seidel Road. This \$25 million project involves construction of approximately 3.5 miles of roadway and includes 12 new bridges, heavy drainage and earthwork, a triple-barrel box culvert, surcharge embankment and a joint partnership agreement (JPA) with FTE. Coordination with the concurrent construction of the SR 429 Western Beltway Part C, Section 3A for FTE was required during construction and for the phased opening of the adjoining limited-access tollways.

Client Reference: Steve Wigle, PE  
Reference Title: PBCS - OOCEA CMC  
Phone: (407) 273-9919  
FIN No.: 47354616201  
Construction Value: \$48 Million  
Professional Start/End Date: 01/2004 - 03/2006  
Construction Start/End Date: 02/2004 - 03/2006

**SR 436 (Semoran Boulevard) and SR 50 (Group 78 CEI), FDOT District 5, Altamonte Springs and Orlando, FL (35552)** - Principal-in-Charge of this District 5 CEI grouping that included improvements to SR 436 in Altamonte Springs, reconstruction of SR 50 in Orlando, and reconstruction and widening of SR 436 from Curry Ford Road to the Bee Line Expressway. The SR 436 Altamonte Springs project won a NAPA award for asphalt quality in

2003 and the SR 436 reconstruction and widening won the FDOT/FTBA "Best in Construction" for Urban Construction in 2005.

Client Reference: Frank O'Dea, PE

Reference Title: FDOT District 5 Construction Engineer

Phone: (386) 943-5000

Professional Start/End Date: September 2002/February 2004

Construction Start/End Date: October 2002/August 2004

Cost: Construction \$40 million

FIN No.: 23945426201, 40917616201, 40412916201

With HNTB? Yes

**I-4 Reconstruction from Memorial to US 98 Design-Build, FDOT District 1, Lakeland, FL (37988)** - Principal-in-Charge and Construction Project Manager for this widening reconstruction of I-4 from Memorial to US 98 that included a flyover interchange with Memorial and improved ramp interchange with Kathleen Road. Project support included development and monitoring of the contractor QC Plan and support to Wayne Watkins, PE, and David Vogel, PE. This project was one of a trial group where the CEI was part of the design-build team and included as part of the design-build contract.

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Client Reference: David Richey, PE

Reference Title: FDOT District 1 Program Manager

Phone: (863) 686-2599

Professional Start/End Date: January 2003/September 2005

Construction Start/End Date: April 2003/August 2005

Cost: Construction \$59 Million

With HNTB? Yes

**Seminole Expressway II, Section 3, Seminole County, FL** - Senior Project Engineer for Section 3 for the first 15 months of this two-year project. This project completed the Expressway by connecting SR 417 and I-4. The project contained nine AASHTO and steel girder bridges, improvements to I-4, and multiple ramp connections to I-4 and Rinehart Road. The project was an A+B contract with multiple incentives for early completion. This project opened to traffic more than two months early and was awarded the FDOT/FTBA "Best in Construction" for Major Interchange in 2002.

Client Reference: Santiago Alvarez

Reference Title: Turnpike Enterprise Facility Manager

Phone: (954) 975-4855

Professional Start/End Date: September 2000/January 2002

Construction Start/End Date: October 2000/September 2002

Cost: Construction \$37 million

FIN No.: 24259326201

With HNTB? Yes

**I-4 Auxiliary Lane from SR 536 to SR 528 Design-Build, FDOT District 1, Orlando, FL** - Constructibility Reviewer during design and construction for this project that involved milling and resurfacing and widening of I-4 from SR 536 interchange to SR 528 interchange, including ramps at SR 536, SR 535, Central Florida Parkway and SR 528, in Orange County, Florida. The total length of the project was 5.2 miles. The project included widening of

the existing six-lane facility to eight lanes from SR 535 to SR 528 and all safety upgrades. A twin bridge widening and extension of existing tie-back walls was required at the I-4 overpass of Central Florida Parkway.

Client Reference: Amy Scales, PE

Reference Title: FDOT District 5 Interstate Resident Engineer

Phone: (386) 943-5000

Professional Start/End Date: April 2001/June 2002

Construction Start/End Date: October 2001/September 2002

Cost: Construction \$14 Million

With HNTB? Yes

**I-4/Conroy Road Interchange, City of Orlando, Orlando, FL** - Consultant Project Manager and Quality Assurance Manager for the construction of this award winning project that is the gateway to the City of Orlando. The project included a steel girder overpass and diamond-interchange with extensive landscaping and architectural elements. Roadway access and utility connections for the Millenia Mall were provided. The scope of support included on-call technical and contractual services to the City of Orlando's Resident Engineer and HNTB project staff throughout construction.

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Client Reference: David Metzler, PE

Reference Title: Former City Engineer

Phone: (407) 246-3181

Professional Start/End Date: January 2000/January 2002

Construction Start/End Date: March 2000/May 2002

Cost: Construction \$28M

With HNTB? Yes

**Hathaway Bridge Replacement Design-Build, FDOT District 3, Bay County, FL** - Constructibility Reviewer during design and construction of these twin precast segmental box girder bridges approximately 3,500 feet in length over St. Andrews Bay. Foundations were developed on large cylinder concrete piles that were jetted down to the anticipated bearing depth and then driven to bearing. The approach structures consisted of cast-in-place, transversely post-tensioned haunched slab supported on square concrete piles. Precast foundation seals were used to support and form the waterline pile caps.

Client Reference: Stephen Potter

Reference Title: Project Manager

Phone: (850) 872-4136

Professional Start/End Date: May 2000/September 2002

Construction Start/End Date: August 2000/August 2003

Cost: Construction \$81 Million

With HNTB? Yes

**North Crossfield Taxiway, Orlando International Airport (OIA), Greater Orlando Aviation Authority (GOAA), Orlando, FL** - Resident Project Representative Director and Quality Assurance Manager for the \$55 million taxiway joining the west runway system with the east runway system. The taxiway passes over the airport entrance road and exit road, as well as planned rail corridors. Each crossing required aircraft rated bridges for the taxiway which consisted of 180 feet wide bridges with six (6) foot thick

hollow core superstructures with longitudinal and transverse post tensioning. The bridges required over six million pounds of steel reinforcement and over one million pounds of post tensioning steel cable and steel bars. The foundations consisted of 24-inch square concrete piling approximately 130 foot long. The roadway under the bridges also included aesthetic lighting, landscaping and tiered retaining walls to enhance the travel experience.

Client Reference: John Carlson, PE

Reference Title: Construction Project Manager

Phone: (407) 825-4089

Professional Start/End Date: January 1999/September 2000

Construction Start/End Date: February 1999/October 2000

Cost: Construction - \$55M

With HNTB? Yes

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**SR 72, FDOT District 1, Desoto County, FL** - Senior Project Engineer for a 11-mile rural section of roadway widening and reconstruction. The project includes five multiple span box culvert replacements and 11 span AASHTO girder bridge over Horse Creek and numerous multiple cross drain pipe replacements. Due to the project size, the senior project engineer position was only authorized at 25 percent. This project was federally funded with all trainees, wage rate and interview documentation requirements. Oversight was performed by the FDOT staff. This project was awarded the FDOT/FTBA "Rural Project of the Year" in 2000.

Client Reference: John Hayes, PE

Reference Title: Construction Project Manager

Phone: (863) 519-4104

Professional Start/End Date: January 1999/May 2000

Construction Start/End Date: January 1999/May 2000

Cost: Construction \$14M

With HNTB? Yes

**Section 7 of Polk County Parkway, FDOT District 7, Lakeland, FL** - Project Manager and Quality Assurance Manager for HNTB's CEI team for the five-mile section that is the eastern connection of the Parkway to I-4. This project requires the construction of two AASHTO girder bridges spanning I-4 and another AASHTO girder bridge for a frontage roadway that spans the parkway and the parkway overpass of an access road. A fully functioning interchange will be constructed to permit parkway ingress and egress from both eastbound and westbound I-4 travel lanes. A unique feature was the monitoring of an active eagle nest that occurred between the completion of the design and the beginning of construction.

Client Reference: Jim Moulton, Jr., PE

Reference Title: Director of Operations

Phone: (813) 975-6294

Professional Start/End Date: February 1998/May 2000

Construction Start/End Date: March 1998/May 2000

Cost: Construction - \$22M

With HNTB? Yes

**South Terminal Complex Infrastructure Development, OIA, GOAA, Orlando, FL** - Resident Project Representative Director and Quality Assurance Manager for this \$170 million infrastructure design program that supports the proposed South Terminal Complex. Infrastructure project designs include mass grading, drainage, permitting, roads, parking, runway and taxiway improvements, taxiway bridge modifications, aviation fueling, water and sewer, power distribution and permitting.

Client Reference: John Carlson, PE

Reference Title: Construction Project Manager

Phone: (407) 825-4089

Professional Start/End Date: January 1999/January 2000

Construction Start/End Date: February 1999/July 2002

Cost: Estimated Construction - \$170M

With HNTB? Yes

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*Prior to joining HNTB, Rhett's project experience included the following:*

**Polk County Parkway, Sections 3A, 3B and 4 FDOT Turnpike Enterprise, Lakeland, FL** - Construction Project Manager for three of the seven limited access toll expressway projects that comprise the 25-mile long half-loop around the south side of Lakeland, connecting to I-4 at each end. Responsibilities include utility coordination; interface with the designer-of-record; schedule evaluation, record drawings and claims reviews; oversight of progress and final estimates; support coordination with the FDOT Parkway Construction Manager; and oversight of the consultant services for the Polk County Parkway. Estimated construction value for the Polk County Parkway exceeded \$200 million and the planned construction duration for the first phase approached three years. Several of the projects were constructed over reclaimed phosphate strip mines which require extensive geosynthetic stabilization fabrics, geotechnical monitoring devices, surcharge embankment, and settlement periods as long as 18 months.

Client Reference: Jim Moulton, Jr., PE

Reference Title: Director of Operations

Phone: (813) 975-6294

Professional Start/End Date: May 1996/July 1997

Construction Start/End Date: May 1996/March 1998

Cost: Construction - \$78M

With HNTB? No

**Group 24, Nova Road and US 17/92, FDOT District 5, Volusia County, FL** - Startup Resident Engineer managing CEI services for a group of roadway widening and reconstruction projects. Responsibilities included proposal development and presentation, staff selection, budget forecasting, project administration, project management and oversight including the use of the FDOT contract reporting system (CRS), management engineering services, field services, management of quality control and survey subconsultants. Improvements to US 17/92 included adding lanes and reconstructing 1.33 miles of roadway, extensive drainage and utility upgrades, and improvements to two signalized intersections. Conscientious execution of the traffic control plan (TCP) and MOT methods were required to minimize inconvenience to the local businesses and residents and to assure clear

passage for emergency vehicles. Improvements to Nova Road (SR 5A) included adding lanes and resurfacing 2.88 miles of roadway, extensive drainage and utility facilities, and upgrades to five signalized intersections. The project passed through sections of Port Orange, South Daytona, Daytona Beach and unincorporated Volusia County, which made coordination of the municipality utility standards and inspections a significant project responsibility.

Client Reference: Frank O'Dea, PE

Reference Title: FDOT District 5 Construction Engineer

Phone: (386) 943-5000

Professional Start/End Date: November 1995/May 1996

Construction Start/End Date: November 1995/October 1997

Cost: Construction - \$33M

With HNTB? No

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**I-75 Reconstruction, FDOT District 5, Marion County, FL** - Technical Support Manager for CEI services for two interstate highway reconstruction projects on I-75 (SR 93) in Marion County. The projects encountered numerous sinkholes, which developed during the construction phases. One sinkhole developed in an active interstate travel lane and received high profile media coverage. No vehicles were involved because of the immediate response of the CEI team members. Coordination with the District's geotechnical engineer resulted in an extensive cone testing and pressure-grouting program.

Client Reference: Frank O'Dea, PE

Reference Title: FDOT District 5 Construction Engineer

Phone: (386) 943-5000

Professional Start/End Date: September 1994/November 1995

Construction Start/End Date: March 1994/October 1996

Cost: Construction - \$52M

With HNTB? No

**Statewide Construction Engineering Management Consultant, Florida's Turnpike Enterprise, Plantation, FL** - Construction Manager for the first two years of a five-year task-order contract for statewide construction management services coordinating more than 100 construction contracts, with each site administered by a CEI consultant. Construction scheduling and quality assurance testing was coordinated for all Turnpike District projects. Construction during the first two years occurred within Districts 1, 4, 5, 6 and 7. Responsibilities included staff orientation, budget development and negotiation with FDOT for quarterly mainline and expansion program authorizations, leadership of the project team during startup and during the Hurricane Andrew recovery, billing overview, direct interface with the Turnpike District Director of Operations and Construction Engineer, and evaluation of the quality of service provided by the program team. Approximately 35 contracts were active simultaneously, each at a different stage of completion. Startup staff totaled 25 engineers, technicians and clerical personnel. Within two years, the staff had grown to nearly 70 full-time and part-time support personnel. Highlights of the first two years included development of the construction engineering

management system utilizing Foxpro which was adopted for use in Districts 2, 5, 7, 8 and in the FDOT Director of Construction's office in Tallahassee.

Client Reference: Bruce Seiler, PE

Reference Title: Former Director of Highway Operations

Phone (Home): (954) 434-0267

Professional Start/End Date: May 1992/September 1994

Construction Start/End Date: May 1992/May 1997

Cost: Construction Program - \$1.5 B

With HNTB? No

**Winter Springs Boulevard to Lake Jesup Bridge and Mitigation Site, Seminole County Expressway, Seminole County, FL** - Startup Resident Engineer for 2.58 miles of toll expressway and a 1,735-acre mitigation site in Seminole County. The project contained three pairs of parallel bridges that were over an ancient sinkhole, a CSX commuter track and SR 434. A significant change order was negotiated for the six-spanned bridge over the sinkhole because the 24-inch concrete piling were changed to 20-inch pipe piling, some of which were nearly 400 feet in length. The project also contained special provision restrictions for the two eagle nests, which existed within 1,500 feet of the construction limits. Both pairs of eagles were successful in producing fledgling offspring each year.

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Client Reference: Santiago Alvarez

Reference Title: Turnpike Facilities Program Manager

Phone: (954) 975-4855

Professional Start/End Date: November 1991/May 1992

Cost: Construction - \$33M

With HNTB? No

**Brevard County SR 520 and A1A, FDOT District 5, Brevard County, FL** - Senior Project Engineer for two miles of causeway reconstruction from four to six lanes with divided median through a highly developed commercial area. Extensive traffic control and business access requirements highlighted this project which replaced, through JPA, all underground utilities and constructed an extensive underground storm water control system on Merritt Island. A low-level water crossing bridge was replaced and numerous retaining walls were constructed to preserve this environmentally sensitive area. The project was selected as the 1993 Urban Project of the Year by the FDOT/FTBA Transportation Committee.

Client Reference: Frank O'Dea, PE

Reference Title: FDOT District 5 Construction Engineer

Phone: (386) 943-5000

Professional Start/End Date: May 1991/November 1991

Construction Start/End Date: May 1991/March 1993

Cost: Construction - \$26M

With HNTB? No

**I-95 High Occupancy Vehicle (HOV) Improvements, FDOT District 4, Broward County, FL** - Resident Engineer for a \$24 million highway expansion project which involved 5.5 miles of interstate widening to provide for HOV and outside travel lanes, the widening of eight bridges, together with installation of a new drainage system, median barrier walls,

signage and lighting facilities. Responsibilities included CEI supplemental agreement negotiation, staff supervision, resident engineering management, project closeout and supervision of field operations. Extensive night work activities were required to permit construction of the project elements while maintaining the 185,000 AADT traffic volume.

Client Reference: Michael Pszyk

Reference Title: Turnpike Enterprise Earthwork Specialist

Phone: (954) 975-4855

Professional Start/End Date: August 1990/March 1991

Construction Start/End Date: May 1988/March 1991

Cost: Construction - \$24M

With HNTB? No

**East-West Expressway, Orlando-Orange County Expressway Authority (OOCEA), Orange County, FL** - Resident Engineer supervising two programs which totaled five construction contracts. Responsibilities included proposal development and presentation, budget development and negotiation, staff selection, project management and administration, field engineering, resident inspection, sampling and on-site material testing, contract documentation and administration, and construction scheduling. Project elements included 13 miles of expressway widening and construction, 17 major bridges, extensive drainage and utility construction, expressway signage and lighting facilities.

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Client Reference: Bill McKelvey, PE (Retired )

Reference Title: OOCEA Construction Manager

Phone: No Longer Available

Professional Start/End Date: October 1987/March 1990

Construction Start/End Date: August 1987/March 1990

Cost: Construction - \$65M

With HNTB? No

**Capital Improvement Program (CIP), City of Orlando, Orlando, Florida** - Program Manager for a \$108 million CIP composed of 50 individual construction projects including recreational facilities, roadways, bridges, utilities, wastewater facilities, storm water drainage, and municipal buildings. Responsibilities included proposal preparation and presentation, task and budget negotiation with the City Construction Manager, coordination for manpower and technical resources, staff selection, evaluation of the quality of support, invoice overview and task order close out. Highlights included the development of the standard specifications and design standards for the City of Orlando Construction Management.

Client Reference: David Metzler, PE

Reference Title: Former City Engineer

Phone: No Longer Available

Professional Start/End Date: June 1989/August 1990

Construction Start/End Date: June 1989/June 1991

Cost: Construction \$108M

With HNTB? No

**Transfer of Technology Projects for USAID, Caddie Construction Company, Tafila and Karak, Jordan** - Construction Program Manager for three projects over two years. The projects required the transfer of technology from American contractors to Jordanian contractors from bid to final construction. Estimating, scheduling, procuring, constructing, supervising, subcontracting and financial planning were included in the transfer. Quality control of materials and completed product were emphasized throughout the program. The two projects in Tafila required the installation of a 30-km water distribution system and 36-km wastewater collection system, together with construction of a 2.0-MGD wastewater treatment plant. The Karak project required the construction of a 330-meter tunnel (2.3 meters high and 3.5 meters wide) under a Crusader's Castle. Due to safety concerns for the castle, explosives were not permitted and a small tunnel-boring machine was utilized to complete the excavation. Traditional rock bolting and safety shielding were installed as the excavation progressed. An ARMCO sectional liner was installed and the external annular area between the liner and the excavation was grout injected. Electrical lighting and ventilation fans were installed together with an asphalt walkway on the floor of the tunnel to assist with the maintenance of the 300 mm ductile iron force main sewer line. Special construction considerations were required for the entrance and exit structures due to the screening of the wastewater prior to entering the tunnel and the kinetic energy generated at the exit that required energy dissipaters. The complexity of the tunnel project, with it being the first of its kind in Jordan, and the great concern over the safety of the Karak Castle, helped the design and construction firms gain valuable experience in tunnel works.

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Client Reference: No Longer Available

Reference Title: No Longer Available

Phone: No Longer Available

Professional Start/End Date: February 1984/July 1987

Construction Start/End Date: March 1984/September 1987

Cost: Construction \$77M

With HNTB? No

**Construction Engineer, Caddie Construction Company, Casselberry, FL** - Chief Engineer with responsibilities for overview of cost estimation, bid and proposal preparation, CPM formulation, engineering analysis, and construction supervision of Orlando area roadway, airport, and utility projects. Construction estimator and engineering supervisor of Orlando-area roadway, airport, and utility projects. Construction contracts with FDOT, City of Casselberry, City of Orlando, Orange County, Seminole County and GOAA were completed during Rhett's four years with this construction firm.

Reference: No Longer Available

Reference Title: No Longer Available

Phone: No Longer Available

Professional Start/End Date: May 1983/October 1987

Construction Start/End Date: June 1983/October 1987

Cost: Construction \$42M

With HNTB? No

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**Chief Estimator/Engineer, Caddell Construction Company, Casselberry, FL** - Chief Estimator/Engineer with responsibilities for overview of cost estimation, bid and proposal preparation. CPM formulation, engineering analysis, and construction supervision of Jacksonville area projects for FDOT, City of Jacksonville, US Navy, Jacksonville Transportation Authority, and several private developers. Developed and implemented a construction estimating and cost accounting system to accurately measure construction costs and utilize them in future project estimates.

Reference: No Longer Available

Reference Title: No Longer Available

Phone: No Longer Available

Professional Start/End Date: May 1978/May 1983

Construction Start/End Date: May 1978/May 1983

Cost: Construction \$35M

With HNTB? No

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**Laboratory Technician, Ruth-Schweyer Associates, Gainesville, FL** - Research Assistant/Laboratory Technician for the rheological measurement of temperature and shear susceptibility of various bitumens. Performed viscosity analysis at 60C, 25C, 15C, 0C, - 10C, and -25C with various testing apparatus during a four-year period. Rheological research was performed for Charlie Potts (FDOT- Gainesville) and various petroleum companies including Shell Oil, Standard Oil and Mariani Asphalt.

Reference: Dr. Byron Ruth, PE

Reference Title: University of Florida Professor Emeritus

Phone: No Longer Available

Start/End Date: September 1976/December 1980 (Part-time)

With HNTB? No

**Testing Laboratory, FDOT District 2, Lake City, FL** - Engineering Technician II for construction materials testing. Performed LBR, FBV, standard and modified proctors, atterburg limits, asphalt extractions, and limerock carbonate analysis in the laboratory during a two year period. Field activities included soil surveys for roadways and borrow pits, together with bridge boring utilizing a truck-mounted drilling rig.

Reference: No Longer Available

Reference Title: No Longer Available

Phone: No Longer Available

Start/End Date: January 1971/September 1973

With HNTB? No

**Florida National Guard, Camp Blanding, FL** - Lieutenant Colonel assigned as the Chief, Facilities Engineering Division on a 73,000-acre training site in north Florida which includes more than 130 miles of paved roadways, 1,500 buildings, 58 miles of water distribution and wastewater collection, 14 water wells, five water towers, 100 miles of electrical distribution, and a wastewater treatment plant. During more than 30 years of service, previous assignments have included design and construction of military roadways, airfields, and parking facilities throughout Florida and Panama.

Reference: COL (Retired) Jerry Vaughn

Reference Title: Former Florida Army National Guard Chief of Staff and Former Post Commander, Camp Blanding

Phone: No Longer Available

Start/End Date: May 1969/September 1999

With HNTB? No

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