

Rupert M. Smith, Jr., P.E.

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EDUCATION

- Tennessee Polytechnic Institute
- University of Tennessee, B.S. in Civil Engineering, March 1955

PROFESSIONAL REGISTRATION

- Kansas, Arizona, Florida, Missouri, Minnesota, New Jersey, Virginia, Colorado

DRB ADMINISTRATION & PRACTICE WORKSHOP

- Certification received upon completion of DRB Workshop, April 11, 2003

MAJOR FLORIDA PROJECTS

- Veterans Expressway, Tampa, FL
- Port Everglades Expressway, I-595, Fort Lauderdale
- Crosstown Expressway, Tampa, FL

KEY QUALIFICATIONS

- Mr. Rupert M. Smith, Jr., has had 43 years of experience in construction and construction management in the United States and overseas. He was employed by Howard, Needles, Tammen & Bergendoff, Inc. (HNTB) for forty (40) years.
- Assignments have included large roadways, toll roads, bridges, tunnels, buildings, underwater work and surveying. In supervising and construction management he has been responsible for project planning, specifications, cost estimates, scheduling, review of change orders and resolution of contract disputes.

PREVIOUS EXPERIENCE

TAMPA, FL

Construction Manager, Howard Needles, Tammen & Bergendoff, Inc. (HNTB)

- **Veterans Expressway, Tampa, FL** from March 1991 – May 1995.
Responsible for construction management of a project consisting of eight (8) construction contracts and eight (8) CEI contracts. This 12.5 mile toll road was for the construction of a four lane roadway with ramp connections with local streets. There are twenty four (24) structures with four (4) over water and the remainder as roadway overpasses. The toll facilities are two (2) mainline plazas and five (5) ramp toll collection facilities.

DENVER, CO

Construction Manager

- **Project: E-470.**
September 1990 – May 1991. Responsible for representing financing of UBS (United Bank of Switzerland) on construction of first segment of E-470, a fifty two (52) mile toll road. Reviewed construction of first segment, ten (10) mile roadway, six (6) bridges and mainline toll plaza.
- Prepared construction estimates, schedules, monthly reports and recommendations on future construction projects.

FORT LAUDERDALE, FL

Assistant Construction Manager

- **Port Everglades Expressway, Fort Lauderdale, FL**
Cost was 1.6 billion to build and took six (6) years to complete, from May 1984 – August 1990. The Expressway consisted of 12.5 miles limited access highway with ninety five (95) bridges and connections, stretching from Fort Lauderdale International Airport to I-75 (Alligator Alley). Major directional movement ramps at intersections with one-way service roads.
- The work consisted of ten (10) major construction contracts and ten (10) CEI contracts.
- Responsibilities included project planning, cost estimates, schedules, overseeing construction and resolution of contract disputes.

PHOENIX, AZ

Construction Manager Phoenix, AZ

- **Project I-10**
January 1982 – April 1984. This project consisted of multi construction contracts of a depressed roadway through downtown Phoenix. Multi-level intersection with I-17 and connections to the existing Interstate system on the South and West side of Phoenix.
- Responsibilities included project planning; preparing specifications, cost estimates and schedules on this nine hundred million (\$900 million) dollar Expressway.

TAMPA, FL

Construction Manager

- **Crosstown Expressway Eastern Extension**
January 1979 – December 1981. The Eastern Extension is an 8.8 mile toll road with elevated viaducts, overpasses, main line bridge crossing over water, main line toll plaza and six (6) ramp plazas provide toll collection facilities.
- Construction work was accomplished with minimum interferences with traffic on local streets.
- Responsibilities included all aspects of construction management including resolution of contract disputes.

OVERSEAS: Tehran, Iran

Assistant Construction Manager

- **Motorway construction project for the Government of Iran**, January 1979 – December 1979. This motorway construction was divided into two (2) sections. The Northern section was from Gom to Arak (144 miles) and the southern section was Shushstar to Ahwaz seventy two (72) miles, and Ahwaz to Bandar Shapour, seventy two (72) miles
- Two companies had design and build contracts with the Government. Design was based on U.S. Interstate standards.
- Responsibilities included review of construction plans and specifications, review of construction equipment procurement; in charge of initial surveying and staffing for construction activities.

RICHMOND, VA

Construction Manager

- **Richmond Expressway System**, May 1972 – December 1978. Project consisted of construction of two sections – Powhite Parkway and Crosstown Expressway in downtown Richmond.
- The first section was a four (4) and six (6) lane expressway with a major river structure. Section two (2) is depressed roadway with overpasses for street crossings of ground level and includes high level connections to I-95.
- Responsibilities included all aspects of construction management, including planning, scheduling, construction contract bidding and resolution of contract disputes.

NEWARK, NJ

Project Manager

- **New Jersey Turnpike** – widening of Turnpike January 1967 – April 1972.
- Responsibilities included supervision of construction of two (2) sections of the widening of the turnpike to twelve (12) lanes North of Newark, NJ, also administration of contracts and preparation of change orders, payment estimates, claims review and resolution of contract disputes.

VARIOUS CONSTRUCTION PROJECTS

- Supervised various construction projects at different locations throughout the Midwest from December 1956 – December 1966, including all aspects of contract administration, preparation of payment estimates, change orders, contract records, claims review and resolution of contract disputes.

KANSAS CITY, KS

Resident Engineer

- **Kansas Turnpike** construction of two (2) new interchanges West of Kansas City.

KANSAS CITY, MO

Resident Engineer

- **Project:**
Renovation of 12th Street Viaduct in Kansas City. Two (2) level concrete bridge originally constructed in 1915.

Structural Engineer

- **Project:**
A twenty three (23) story Federal Office Building.

DULUTH, MN

Resident Engineer

- **Project:**
This was an Underwater Demolition of two pier corners in shipping channel.

KANSAS CITY, MO

Resident Engineer

- **Project:**
Truman Road Viaduct over the Blue River Viaduct over the Blue River. Viaduct was elevated structure constructed over main roadway and across Blue River. Traffic was maintained on main ground roadway during construction.

HELENA, AK

Project Engineer

- **Project:**
Mississippi River Bridge in Helena. Construction of major river crossing bridge over the Mississippi River.

DULUTH, MN

Project Engineer

- **Project:**
Duluth Superior High Level Bridge over Lake Superior shipping channels, replacing swing span over main channel.

KANSAS CITY, KS

- **Project:**
18th Street Viaduct, Kansas Turnpike. Construction of elevated viaduct between grain elevators and across forty five (45) railroad tracks. Replacing old bridge crossing over railroad tracks.

WHEELING WEST VIRGINIA, VA

Resident Engineer

- **Project:**
Remodeling of suspension bridge. Renovation of a John Robeling bridge constructed in the 1850's. Replaced wooden deck and installed steel floor beams lower laterals and steel grating floor decking.

KANSAS CITY, MO

Bridge Designer

- Designer in heavy bridge section in Kansas City Main Office
May 1955 – November 1956

BRISTOL, TN

Surveyor

- **Project:**
Tennessee Valley Authority (TVA)
Surveyor performing first, second and third order surveys,
January 1948 – September 1951.