

Carole N. Sanders M.S., P.E., QSD

EXPERIENCE:

- 04/14 – Present** **Director of Transportation Construction Management - Harris & Associates**
Assigned as Project Manager, Contract Manager, Senior Construction Manager and Senior Resident Engineer over transportation projects, including *Glen Helen Parkway Grade Separation, Phase I* (\$26 mil) – County of San Bernardino; *Greenspot Road Bridge Project* (\$19 mil) – City of Highland; *Riverside Avenue Grade Separation* (\$25 mil) – City of Riverside; and Project Manager/Contract Manager overseeing the inspection services for the *Riverside County Flood Control District, Inspection Services* (\$250K).
- 11/10 – 11/13** **Area Construction Manager, Inland Empire – CALTROP Corporation**
Project Manager, Contract Manager, Senior Construction Manager and Senior Resident Engineer responsible for overseeing and managing all ongoing transportation construction projects located within Riverside and San Bernardino Counties (Annual budget: \$120 mil).
- 10/03 – 11/10** **Senior Construction Manager – LAN Engineering/AECOM**
Assigned to the City of Fontana as the Senior Resident Engineer and Project Manager over the Construction of the *I-10 Cypress Avenue Overcrossing* located in Fontana, California. The project consisted of constructing a multiple span bridge over interstate 10 Freeway and the UPRR railroad, including local street improvements (\$15 mil). Also assigned to the San Bernardino Association of Governments (SANBAG), as the Senior Resident Engineer and Project Manager over the construction of the *SR-210 Interstate Freeway* located in the cities of Fontana, Rialto, and San Bernardino. Projects consisted of the construction of the freeway in its entirety, approximately 7 miles (\$300 mil) of the final segments of the SR-210.
- 02/03 – 10/03** **Sr. Transportation Engineer - California Department of Transportation (Caltrans)**
Construction Division, District 08 – San Bernardino
Assigned as the Chief of Construction, Branch 'Q'. Duties included Supervisor over the Construction Management of the Contract Change Order Desk, Estimates Desk, Contract Bid Inquiry, Labor Compliance, and all Construction Support groups. Also, have supervisory duties over staff assigned to Construction Safety, Computer Support, Claims Support, and Constructability.
- 11/98 – 02/03** **Resident Engineer - California Department of Transportation**
Construction Division, District 08 – San Bernardino
Projects consist of the *71/91 Separation and Bridge Widening* contract No.08-3564U4 (\$5 mil); Route 91 Corona *Pavement Rehabilitation, Slab Replacement and Bridge Repair* contract No.08-436304 (\$5 mil); *Route 91 Riverside Pavement Rehabilitation, Slab Replacement, and Shoulder Widening* contract No.08-4221U4 (\$15 mil); Assigned as the Resident Engineer *Construction Oversight for the Route 30/215 Early Structure Projects* for the San Bernardino Association of Governments (SANBAG).
- 05/97 – 10/98** **Assistant Bridge Engineer – Athalye Consulting Engineers**
Laguna Hills, California
Primary role was to lead the firm's efforts in Construction Administration and Inspection of highway and bridge construction projects. Assigned as the Principal Office Engineer and Structure Construction Inspector for the State Route 30/210 Early Structure Projects in Rancho Cucamonga. Joint creator of the Construction Management Program that is currently being used by SANBAG to date. Duties included contract administration using the Caltrans' Construction Manual, Standard Specifications, Standard Plans, and Bridge Construction Records and Procedures Manuals. Assigned to the *Vincent Thomas Bridge Retrofit* project. Duties included a 30-day assignment to generate 26 contract change orders.

02/91 - 04/97

**Assistant Bridge Representative - California Department of Transportation
Office of Structure Construction, District 07 – Los Angeles**

Performing engineering work that involves the contract administration of construction plans, designs, specifications, details, and maintenance of transportation systems that include land, rail freeways bridges, roads, ramps, transit stations, pedestrian overcrossings, and pumping stations. Projects consisted of the inspection of several bridges and pedestrian overcrossings on I-105 Project No.38. Assigned as the *Acting Resident Engineer and Principal Assistant Bridge Representative for five Transit Station Building Construction projects on the I-105 Glenn Anderson Freeway* in Inglewood, Los Angeles, Lakewood, and Bellflower California.

07/86 – 02/91

**Facilities Project Engineer, Senior – Rockwell International,
Space Systems Divisions - Downey, California**

Responsible for facilities planning efforts related to major projects; Direct the execution of building design and building construction tasks; Monitor cost and schedule to attain division goals; Coordinate the design efforts of the consultant A-E contractors; Have overall project management and construction management responsibilities for facilities construction contracts.

EDUCATION:

San Jose State University, Mineta Transportation Institute
Masters of Science in Transportation Management, December 2003

Howard University, Bachelor of Science in Civil Engineering, May 1986

Licenses:

Professional Engineer, California Civil No.C59648

Affiliations:

NSBE, National Chapter Region VI – Los Angeles, May 2015
Los Angeles Council of Black Professional Engineers, 2013
Advisory Council to the Bourn College of Engineering, UC Riverside, May 2008
WTS National Member, 2003

Awards & Certificates:

- Certified DRB Member – Caltrans 2015
- QSD (Qualified Storm Water Developer) – RWQCB Certificate #C59648, 2013
- BNSF & UPRR Safety Certifications (continuous)
- Continuing Student Performance Award in the Master of Science in Transportation Management, awarded by the Mineta Transportation Institute at San Jose State University, College of Business, May 15, 2002.
- Resident Engineer of the Year for 2002, California Department of Transportation, District 08 Construction Division.
- Selected by the Board Regents of the Eno Transportation Foundation, as an Eno Fellow. Selected to attend the 2002 10th Annual Leadership Development Conference in Washington, D.C. from May 20, 2002 through May 24, 2002.
- Successful Completion of the Bridge Design Academy, Caltrans 1992
- Corporate Recognition for Outstanding Performance at Rockwell International, SSD, awarded by the Society of Women Engineers Los Angeles Section, August 1990
- Employee of the Year for Facilities and Industrial Resources Management, 1989, Rockwell International, Space Transportation Systems Division
- Outstanding Young Women of America, awarded by the OYWA board of trustees, 1986
- One of America's 100 Top Black Graduating Engineers for the Class of 1986, awarded by the Minority Resource Network, Inc.
- Most Outstanding Senior, awarded by the National Society of Civil Engineers, 1986

References:

Available upon request