

Salome Montoya

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Summary

Four+ years of experience designing and planning solutions for multiple projects including numerous pump stations, 65,000+ LF of water mains, force mains and drainage. Self-motivated, fast learner team player seeking to obtain, apply and develop my acquired water resources and engineering design, quality control/assurance, and managerial knowledge.

Education

Master of Science in Civil Engineering, Florida International University, Miami, FL

Cumulative GPA: **3.4/4.0**

Expected Graduation Date: **July 2020**

Bachelor of Science in Civil Engineering, Florida International University, Miami, FL

Cumulative GPA: **3.4/4.0**

Expected Graduation Date: **July 2019**

Associates in Arts in Civil Engineering, Miami Dade College, Miami, FL

Cumulative GPA: **3.7/4.00**

Graduation Date: **April 2017**

Certified on: Nassco PACP, MACP, LACP.

Experience

King Engineering and Associates, Inc.

Project Designer: (Miami, FL)

October 2014-Present

- Managed and coordinated design production for the consumer line relocation (CLR), including replacement of water mains, water meters, and the transfer of water services from the back to the front of 2,700 properties.
- Supervised design production of 3,400 LF for City of Aventura Force Main, including replacement of existing 18-inch force main via slip lining, interconnections to existing mains and 5,000 LF of open cut installation.
- Collaborated with the design for 1,200 LF of 48-inch and 36-inch Water Main, as part of the All Aboard Florida's Brightline station, including 230 LF of micro-tunnel under FEC with multiple interconnections.
- Designed and permitted 25,000 LF of water main in Leisure City, design included the conversion of services from the rear to the front of properties, installation of new hydrants and multiple system interconnections.
- Produced and permitted drawing sets for 14,000 LF of exfiltration trench for the City of North Miami.
- Developed design and provided limited construction services for 4,000LF and 4,300 LF of exfiltration trench for the City of Doral Basin H-5 and Basin H-8.
- Designed, permitted and provided limited construction services for multiple pump stations and force mains as part of the Pump Station Improvement Program (PSIP), including multiple triplex and duplex pump stations.

Project Construction Inspector:

February 2017-October 2017

- Received, logged, filed, checked and approved shop drawings.
- Monitor quality control and onsite installation.
- Provided periodic design reviews and coordinated with client monitoring project schedule.
- Maintained quantity takeoffs for field procurement and change orders.
- Reviewed and approved documents, such as density test reports, MOT plans, RFI's, change orders, payment applications and as-builts.

Skills

- Computer Skills: AutoCAD expert, Micro Station, ArcGIS, Primavera, Outlook, Windows.
- Bilingual (English/Spanish) with strong communication and interpretation skills.
- Detail oriented, hardworking and able to multitask effectively.
- Previous experience in purchasing and vendor negotiations.

Professional Affiliations

- **Member of the American Society of Civil Engineers** – Miami, FL
- **Member of the Cuban American Society of Civil Engineers** – Miami, FL
- **Member of the Society of Women Engineers** – Miami, FL
- **Engineers Without Borders** – Miami, FL