

Hillary L. Almond, P.E.
Professional Engineer



Education	
B.S. – University of Alabama,	1994
M.E. – Environmental Engineering, University of Florida,	1998
Title	
President	
Registrations	
Professional Engineer:	
Florida #: 59247	
Georgia #: 036528	
Years of Experience	
21	
Years with Company	
12	

Hillary L. Almond, P.E. has over 21 years' experience in the planning, project management, design and supervision of construction of projects, specifically engineering of water, sewer and utility design. Due to the nature of her projects, Mrs. Almond has gained extensive knowledge of JEA design standards, JEA review and bidding procedures, construction of JEA utilities, and St. Johns County design standards for construction within the public right-of-way. This knowledge comes from years of experience working for JEA as a design engineer, managing an "in-house" JEA construction crew, managing operation and maintenance for the Arlington East District and 12 years working for Almond Engineering designing and permitting public and private utilities with and for JEA.

PROFESSIONAL EXPERIENCE (Including but not limited to)

Project Manager, Design Engineer (EOR) - JEA Ponte Vedra WM & FM Project (2014-2015)

Design 4,000± LF of 12" WM and 10" FM (by PIPE BURSTING, open cut and hanging a utility from the FDOT bridge). This project was located in Ponte Vedra Beach along a very congested and high profile stretch of residential right-of-way. This project was located less than 500 LF from the limits of this RFP.
Permits Received: SJC, JEA, FDEP, FDOT

Project Manager, Design Engineer (EOR) - JEA Ponte Vedra WM Project (2011)

Design 12" WM along A1A in Ponte Vedra Beach to replace the existing 6" CI WM. The WM extended along Ponte Vedra Boulevard from San Juan Drive south approximately 3,000± LF to Pablo Road. The WM ended at the point of connection for the northernmost limit of this RFP and resulted in not a single complaint from the residents along this route during construction. Project also included connecting new fire hydrants to portions of an existing 12" WM near Pablo Road. Almond Engineering received a letter of recommendation from the St. Johns County Engineering Division for outstanding performance based on this design. *Permits Received: SJC, JEA, FDEP, FDOT*

Project Manager/Design Engineer (EOR) - Phillips Highway Utility Extension (2013)

Design 4" FM and a 10" HDPE WM by directional drill under Phillips Highway to extend a 4" FM and an 8" WM to customers along the eastern R/W of Phillips Highway. The design includes crossing a 7 lane road by directional drill with both an 8-inch and 16-inch casing pipe while avoiding multiple existing utilities. Due to the extremely tight R/W, Almond Engineering was successful in reaching out to the property owners on the west side to be able to utilize private property to both stage and receive the drill. Construction was completed with \$0.00 in change orders. *Permits Received: JEA, FDEP, FDOT*

Project Manager/Design Engineer (EOR) – 6980 Normandy Boulevard FM (2012)

Design 4" FM by directional drill under Normandy Boulevard. This design was extremely sensitive due to the highly congested corridor including an existing 16" high pressure gas main in the right-of-way within 5' of the drill path across a 5 lane FDOT road. Due to the extensive due diligence performed, including reaching out to all possible utility companies and coordinating individually with each one, the contractor wrote a letter of recommendation detailing how Almond Engineering's attention to detail and due diligence allowed them to successfully complete construction with no change orders, delays or complications.
Permits Received – JEA, FDEP, FDOT

Project Manager / Design Engineer (EOR) - JEA Ortega Hills FM Project (2010)

Design 3,500± LF of 6" and 8" FM for the JEA lift station located on Ortega Hills Drive in Jacksonville, Florida.
Permits Received – COJ, JEA, FDEP

Project Manager/Design Engineer (EOR) - Cypress Landing FM (2013)

Design 5900+/- LF 4" FM along Fruit Cove Road including an exterior bridge crossing.
Permits Received: SJC, JEA, FDEP

Project Manager/Design Engineer (EOR) – Borowy Private Lift Station and FM Crossing (2005)

Design 4" FM by directional drill under University Boulevard for a private lift station. The design included crossing a 5 lane FDOT road by directional drill in a highly congested utility corridor with multiple existing utilities.

Permits Received – FDOT, JEA, FDEP

Hillary Liles Almond, P.E.



Project Manager/Design Engineer (EOR) – Cassat Avenue Private Lift Station and FM (2010)

Design 4" FM by directional drill under Cassat Avenue for a private lift station. The design included crossing a 5 lane FDOT road by directional drill in a highly congested utility corridor with multiple existing utilities.

Permits Received – JEA, FDEP, FDOT

Project Manager/Design Engineer (EOR) – Pantry Store 6156 – Cocoa, FL Continuing with Circle K (2007 – Current)

Almond Engineering has worked with The Pantry, Inc. (Kangaroo convenience stores) since 2007 providing engineering services for water mains, lift stations and force mains, land development and septic systems. This particular project included the design of a 4" FM by directional drill under a large FDOT intersection in Cocoa, FL. Almond Engineering's due diligence during the early phases of design allowed us to discover a future intersection alteration for FDOT in the early design phase that would greatly affect the design. Coordination with the FDOT and FDOT's engineering consulting firm allowed us to base the design off of the future planned intersection change. The Pantry did not go to construction for two years, during which time construction of the intersection was completed. In 2014, The Pantry decided to proceed with construction. Due to our forward thinking, the design reflected the new intersection and no additional engineering design services were required other than resubmitting the originally approved plans to reactivate expired permits. The Pantry, Inc. was sold to Circle K in 2016. Due to our record of successful engineering designs, Circle K has retained Almond Engineering to continue services to this day.

Permits Received – FDOT, COCU, Brevard County

Design Engineer/Engineer of Record (EOR) – Eagle LNG WM Extension (2016)

Design 5,600 LF 20" & 16" WM along Normandy Boulevard (FDOT road) by directional drill and open cut method. *Permits Received: COJ, JEA, FDEP, FDOT*

Design Engineer – Goodwill – St. Augustine Road (2014)

Design 1,000± LF 4" FM by directional drill along St. Augustine Road at the intersection of University Boulevard. This project is a prime example of how Almond Engineering can engineer, design and permit WM and sewer main along a very congested utility corridor. Due to multiple utilities which would not allow for installation of the FM outside of the pavement, COJ approved of the directional drill in the middle of the west-bound traffic lane. *Permits Received: COJ, JEA, FDEP, SJRWMD*

Design Engineer – Scott Mill (Bluffs on Plummers Cove Subdivision) (2014)

Design 3,000± LF 4" FM and 8" WM along Scott Mill Road including directional drill under I-295/Buckman Bridge. *Permits Received – COJ, JEA, FDEP, FDOT*

Design Engineer – Dana B. Kenyon – Off-site FM Extension (2009)

Master Site Planning of a new 4.5 acre commercial office park for local contracting firm; project included utility design with on-site master lift station and 1500± LF 4" off-site FM including aerial bridge crossing over an on a FDOT Bridge. *Permits Received – COJ, JEA, FDOT, SJRWMD, FDEP*

Design Engineer- JEA Buckman BNR-GRIT Construction Phase Services (2012)

Almond Engineering provided construction phase services to CH2M Hill for the process improvements at the Buckman WWTP. Mrs. Almond served as the field liaison between CH2M Hill and JEA, observing and documenting construction and providing supplemental pipe designs as requested by JEA O&M.

Permits Received – FDOT, JEA, FDEP

QA/QC Engineer - JEA – Total Water Management Project (TWMP) (2011)

Mrs. Almond worked as a QA/QC Engineer for Segment 1, Segment 3 and Segment 4 of the project as a subcontractor to CH2M Hill. The role included reviewing the engineered plans for the design of a 36" transition WM at 30%, 60%, 90% and 100% and report any design deficiencies and/or make recommendations to reduce construction costs/liabilities. Almond Engineering also provided Construction Inspection Services for Segment 3. This section of the project included multiple jack & bores to avoid large diameter drainage pipes and utilities.

Work Experience Prior to Almond Engineering, PA

Self Employed Professional Engineer (2003 – 2006)

JEA Manager – WW/Reclaimed Water – Operations & Maintenance – Arlington East (2001 – 2003)

Engineering Intern (2000 – 2001)

Black & Veatch (1998 – 2000)

Gainesville Regional Utilities (1997-1998)