

DAVID TROUTEAUD, P.E.
Utility Project Engineer



Education/Training

B.S. Civil Engineering (2005),
University of Cincinnati, Ohio

Licensing & Registration

Florida Professional Engineer,
License No. 69783

Professional Affiliations

Florida Engineering Society
(Past Member)

Young Professionals (Past
Member)

Coastal Conservation
Association (Past Member)

Dave joined Johnson Engineering's utility team in 2005. Since that time, David has become a project manager for various projects. In the past he has specialized in hydraulic analysis for water, wastewater and irrigation systems. Modeling has become an essential tool in predicting any effects of future infrastructure on existing facilities along with efficiently analyzing deficiencies within the existing system. In addition to modeling, David's responsibilities include: managing projects and designing utilities for various developments and municipalities in Southwest Florida, permitting of projects through local and state agencies, and overseeing projects throughout construction and closeout phases.

Relevant Experience

- Jones Loop Road Force Main, City of Punta Gorda - David served as the project manager for this project that consisted of the design of approximately 10,600 linear feet of 16" and 12" force main along Jones Loop Road and Knights Drive. In addition, this design included a proposed lift station, eight (8) directional drills using fusible PVC. Key design elements included identifying an alignment within congested rights of way that would interconnect the wastewater system hydraulic modeling and redirect increasing flows along a different path to the treatment plant. Design also included provisions to remove an existing lift station. Johnson Engineering provided the survey, design, permitting, bidding services and inspection for this project.
- Phase III-C Utility Improvements, City of Fort Myers - This project consisted of the design of approximately 90,000 linear feet of gravity sewer main, 26,000 linear feet of potable water main and improvements to the existing drainage system. This project was a one square mile area involving residential, multi-family, commercial and light industrial properties and involved \$20 Million in water and sewer improvements. Johnson Engineering provided survey, design, permitting, hydraulic modeling, bidding assistance, construction phase services. Various sub-phases of this project included assistance in obtaining SRF Loans for the City of Fort Myers.
- Ben Hill Griffin/Alico Force Main, Potable Water Main and Reuse Main, Lee County - This project included the design, permitting, bidding and construction phase services for a proposed 36" water main and 12" reuse main for approximately 10,050 linear feet. The water and reuse mains were designed in conjunction with the Roadway Widening of Alico Road.
- Palm Tree Boulevard Potable Water Main, Storage and Re-Pumping Facility Improvements, City of Cape Coral - This project included the route analysis, design and permitting of water main improvements that service south Cape Coral. The goal of this project was to maximize the use of the existing Palm Tree Storage Facility. Phase 1 consist of the design, permitting and construction of approximately 9,000 linear feet of 20-inch water main that will be directed to the tank, Phase 2 and 3 consist of approximately 13,400 linear feet of 12-inch water main that will assist the distribution of water. Johnson Engineering was responsible for the environmental permitting and species management for all three phases. In addition, review of the existing onsite pumps, valves and instrumentation was performed and upgraded as necessary.
- Southwest 6 and 7, Utility Extension Project, City of Cape Coral - Engineer of Record for Areas 1 and 2 and is the project manager for the inspection team of Areas 1, 2, 9 and 10. The four areas combined entail the installation of approximately 16.2 miles of gravity sewer, 17.4 miles of water main, 18.7 miles of irrigation main, 3.7 miles of force main and replacing 2.4 miles of storm culverts. This project was funding using a State Revolving Fund (SRF) Loan. During the construction of this project, compliance with SRF rules and regulations were incorporated.