

## MICHAEL DICKEY, PE

Director of Utility Services



### Education/Training

B.S. Civil Engineering (1997),  
University of South Florida

### Licensing & Registration

Florida Professional Engineer,  
License No. 60057

### Professional Affiliations

American Water Works  
Association

Mike joined Johnson Engineering in 1999 and serves firm's director of the utilities market group. His project experience on utility projects includes master planning, hydraulic modeling, design of water distribution systems, wastewater collection systems, irrigation systems, and pumping facilities. Prior to joining Johnson Engineering, Mike worked for a local utility contractor which gave him a unique perspective of how the utilities he designs today come together in the field. With both utility design and construction experience, Mike has a comprehensive understanding of the entire utility development process from planning to design, to permitting through construction. He knows how to develop a design that works both in theory and in practice.

### Relevant Experience

- **Phase III-C Utility Improvements, City of Fort Myers, Fort Myers** - This project consisted of the design of approximately 90,000 linear feet of gravity sewer main, 36,000 linear feet of potable water main and 21,000 linear feet of storm drain. The project was approximately one square mile in size and involved improvements within existing residential, multi-family, commercial and light industrial properties. In total the project consisted of approximately \$21 million of improvements. We provided survey, design, permitting, hydraulic modeling, bidding assistance and construction phase services.
- **South Conveyance 30" Water Main, Lee County** - This project included the design and permitting of 13,000 linear feet of pipeline. This project required FDOT permitting to cross I-75. Multiple design alternatives including directional drilling were prepared before deciding on a jack and bore crossing for I-75.
- **Priority I Water Main Replacement, Bonita Springs Utilities** - This project consisted of the replacement of approximately 24,000 linear feet of 12", 8" and 4" water main in Bonita Springs along various streets located in between Bonita Beach Road and the Imperial River. Key design elements included identifying an alignment within congested rights of way that would accomplish project goals while minimizing impacts to the existing residents and allow the existing asbestos cement and class pipe water mains to remain in service during construction. Design also included several directional drills to cross creeks and other environmentally sensitive areas. Project also required close coordination with the City of Bonita Springs who owned and maintained the road rights of way. Johnson Engineering provided the survey, design, and permitting, bidding service and construction administration for this project.
- **Phase I Watermain Replacement and Drainage Improvements, Town of Fort Myers Beach** - This project designed and constructed by means of design-build basis and included the replacement of approximately 30,000 feet of water main and the improvement of drainage facilities within the basin based neighborhood, Laguna Shores, and Bay Beach Lane areas on Fort Myers Beach. This project included construction through dense residential, multi-family, large condominium communities and busy commercial areas. Johnson Engineering is providing solutions to meet the challenge of construction through narrow ROWs while maintaining access and appearances during the important tourist season. We provided survey, design, permitting, and construction phase services for this project. Our team has also assisted Cella Molnar & Associates with raising public awareness via internet resources and preconstruction meetings and provided assistance with responding to any concerns raised by residents or businesses.
- **91st & 92nd Street Water Main Replacement, Collier County** - This project consisted of the replacement of approximately 10,000 linear feet of 12" and 8" water main in Collier County along 91st and 92nd street located within the Naples Park area. Key design elements included identifying an alignment within congested rights of way that would accomplish project goals while minimizing impacts to the existing residents and allow the existing asbestos cement water main to remain in service during construction. Design also included provisions to remove the entire AC water main once the new system was in service. Johnson provided the survey, design, permitting and bidding service for this project.

- **RSW 24" Water Transmission Line from Fiddlesticks to Old Gladiolus** – This project consisted the route analysis, preliminary design, survey, SUE, design, permitting, bidding assistance and construction phase services for approximately 25,000 linear feet of water transmission line from Fiddlesticks to Old Gladiolus. The scope also included design for a 30" directional under US 41 just south of Six Mile Cypress.