

Summary

Francisco Reina, P.E., has worked in South Florida since 2007 on civil engineering projects related to municipal utility, roadways, land development, master planning, FRS grants, FEMA grants, value engineering, basis of design studies, open channel and closed conduit hydraulic modeling. Mr. Reina's municipal experience includes project management experience of large scaled utility projects totaling over one billion dollars. Mr. Reina's experience in both the public and private sectors results in a unique understanding of team work and collaboration between all team members in order to achieve project results.

Experience

City of Dania Beach Neighborhood improvement projects (2007-2009), Design Engineer for 7 lift stations, water main improvements, hydraulic modeling, data collection, drainage improvements, permitting, project costing, construction documents, engineering services during construction, review and approval of shop drawings, RFIs, value engineering, project scheduling and project closure.

Town of Surfside Neighborhood improvement project (2008-2010), Design engineer for the replacement of entire water distribution system, sanitary sewer collection and transmission replacement, master pump station rehabilitation, drainage improvements, hydraulic modeling, project costing, construction documents, engineering services during construction, shop drawing approvals, RFI's, value engineering, project scheduling and project closure.

City of Oakland Park Neighborhood improvement project (2008-2010), Design engineer for the rehabilitation of four lift station, water distribution system improvements, sanitary sewer transmission improvements, drainage improvements, hydraulic modeling, project costing, construction documents, engineering services during construction, shop drawing approvals,

Waterview Residential Community in Miramar, FL. (2010-2012), Project engineer for a large scale single family and multi-family residential community. The scope included design, permitting and engineering services during construction associated with the design of a new pump station, new drainage system, earthwork, water distribution system, sanitary sewer collection and transmission system, site assessment evaluations, project costing, scheduling, permitting, hydraulic modeling, construction documents and project closure.



Francisco Reina, P.E.

EDUCATION

Bachelor of Science, Agricultural and Biological Engineering, University of Florida.

REGISTRATIONS

Registered PE, Florida#95150
Register PE, Tennessee # 127440

AFFILIATIONS

FES Broward-USA
AWWA-USA
ASCE-USA
EWB-USA
SAI-Colombia

CONTACT INFORMATION

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Town of Davie Nova Drive Roadway Improvements (2009-2012), Project engineer. The scope included the design, permitting and engineering services during construction associated with a roadway re-design, drainage improvements, existing utility relocations, permitting, grading, paving and marking, sidewalk and median improvements, hydraulic storm water modeling and project closure.

City of Miami Neighborhood improvement projects (2012-2013), Project engineer. Scope included the design, permitting and engineering services during construction associated with roadway improvements, utility relocation, drainage improvements, basis of design reports, permitting, engineering plans, storm water hydraulic modeling and project closure.

City of Aventura Roadway Improvement Project (2012-2013), Project engineer. The scope included the design, permitting and engineering services during construction for the re-surfing of 3 miles of existing roadway. The project had to be coordinated and permitted with Miami Dade and FDOT for permitting. Project was completed in time and had minimal impact to the public.

City of Hollywood John U Loyd State Park Water Main Replacement (2012-2013), Project engineer. The scope included the design, permitting and engineering services for the replacement of entire existing water distribution system with park limits. Project also included the design of a one thousand directional drill water main under existing water ways.

City of Lake Worth Storm Water Improvements (2012-2013), Project engineer. The scope included the overall assessment of an existing drainage system via a basis of design report, field visits, data collection and storm water hydraulic modeling.

Broward County Retail Master Plan (2014-2015), County project manager. Responsible for managing County consultants during the development of County's Retail Master Plan.

Broward County Reclaimed Water Hydraulic Model (2013-2015), County project manager. Responsible for developing and implementing a steady state hydraulic model for the recently completed reclaim water transmission system to Palm Beach County and other large users.

Broward County Hillsboro Mile Utility Improvements (2016-2018), County construction project manager. Responsible for managing County's consultant during the design and solicitation process of award winning seventeen-million-dollar Hillsboro Mile utility project. Project consisted of the replacement of entire sanitary sewer collection and transmission system including several lift stations.



Broward County Lift Station Rehabilitation Program (2020-2021), County project manager, managed County wide sanitary sewer lift station rehabilitation program and contractors.

Miramar JPA Water Main Replacement (2013-2015), Construction project manager. Scope included the replacement of an existing water distribution system, water service transfers, community outreach meetings, permitting coordination with building department and residents.

Broward County UAZ 110, 111, 113, 122 (2015-2022), Construction project manager for approximately five hundred million dollars' worth of infrastructure improvements. Improvements consisted of the replacements of the entire sanitary sewer collection system, existing water distribution replacement, sanitary sewer lift station rehabilitations and sanitary sewer transmission improvements.

Broward County Basin 224 Improvements (2023), Project manager for the evaluation of an existing sanitary sewer collection and transmission system. Scope consisted of the development of basis of design report for all proposed improvements.

Additional Experience

Broward County WWS Construction Project Manager (2015-2021), Managed and monitored construction contracts and consultants. Coordinated projects through County permitting agencies, County attorney's, purchasing, small business division, building departments, municipalities and other regulatory agencies. Reviewed plans and specifications, engineering calculations, pay applications and invoices. Managed projects from inception to completion. Developed RFPs, assisted with the bidding process, negotiations, administered and managed consultant and contractor contracts.

Broward County WWS Planning & Development Supervisor (2021-2023), Managed developer water and wastewater expansion projects, supervised staff responsible for managing developer projects, coordinated engineering inspections, managed and mentored staff, reviewed staff work and performed analysis and generated technical reports. Coordinated and managed utility connection permits for developer projects. Managed hydraulic modeling efforts for the utility.