

Fernand J. (Tib) Tiblier, Jr., PE
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Career Objective

Long term senior level affiliation with a reputable employer in Central Florida

Education

M.S., Environmental Engineering,
University of Central Florida, Aug 1986
B.A., Chemistry / Biology,
Drury College, May 1982

Specialty Training

OSHA Training Certificate, May 2009
AASHTO Highway Workzone Safety, Sep 2007
FEMA Mock Hurricane Exercise, Emmitsburg, MD,
May 1999
FEMA Disaster Relief Training, Emmitsburg, MD, Feb
1998

Professional Memberships

Florida Engineering Society- President (2006),
Vice-President (2005), Treasurer (2004) and
Secretary (2003) of Daytona Beach Chapter,
MATHCOUNTS State Committee, 2002-2011.
National Society of Professional Engineers
American Public Works Association
American Water Works Association

Papers and Presentations

*City of Bunnell Selects Innovative Process for
Byproduct Compliance and Hardness Reduction,*
Florida Water Resources Journal, Nov 2015
*A Model for Tracking Self-Directed Team
Productivity,* a description of an originally
authored data base, Chastain-Skillman, Inc., 4th
Quarter Newsletter, Oct 2007
*The Effects of Trace Organic Carbon on Aluminum
Solubility,* Master's Degree Research and Thesis,
1986

Awards and Selected Community Service

**Served as Vice Chairman of the River-to-Sea
Transportation Planning Organization Technical
Coordinating Committee, 2015-2016**
Biographical Listing in *Marquis Who's Who*
continuously since 1994, various volumes
**Awarded Three (3) Deltona Mayor's Certificates of
Appreciation, 1997-2005**
**Certificate of Honor from Volusia County School
Board** for work with youth in MATHCOUNTS
Program, 2003 and 2004

**Special Service Awards (2) from Deltona Civic
Association, 1999**

Longwood Planning and Zoning Board, 1997
Longwood City Commission Award for exemplary
service, 1996

**Seminole County Road Impact Fee Citizens
Advisory Committee, 1989-1990**

Professional Licensure

Professional Engineer: Florida, No. 45405, since
1992

Experience

Mr. Tiblier has administered and performed on numerous and diverse civil and environmental engineering pursuits. His areas of specialization include Public Works and Water Utilities administration, stormwater management, environmental permitting, water and wastewater treatment, wastewater collection/ transmission systems, water distribution systems, hydraulic computer modeling and the creation of technical reports and graphics with MS Office Software. Utilizing relationship skills built on fervor for service and an appreciation of people, Mr. Tiblier has accrued a wealth of industry contacts and enduring alliances throughout his career. **Mr. Tiblier's experience features eighteen years of service as a public sector engineering manager, fifteen years of which were at the level of local government Department Director.**

Employment History Summary

As Director of Engineering and Public Works for the City of Bunnell, FL (Feb 2014-Jul 2016) Mr. Tiblier served as Resident Project Representative for the Construction of the Award-Winning, State-of-the-Art, Ion-Exchange Water Treatment Facility. He presided over the reorganization and streamlining of management inefficiencies by heading up the unified Public Works Department bringing Utilities and Engineering under common leadership. Mr. Tiblier also headed up various grant funded construction projects and neighborhood infrastructure enhancements.

Following a year of Contract Employment, Mr. Tiblier accepted regular employment by the **City of New Smyrna Beach** as **Civil Engineer/Capital Projects (Jan 2013-Jan 2014)**. With this assignment

additional duties including civil engineering project oversight, grant administration, NPDES Program Reporting and Flood Plain Management were assumed.

Entrepreneurial services offered by **Fernand J. Tiblier, Jr., PE, Professional Engineer (Oct 2009- Jan 2013)**, include full-time **Capital Projects Management** for the **City of New Smyrna Beach** for their multi-million dollar annual program involving various paving, drainage, streetscaping, shoreline management, airport maintenance and public parks enhancement projects. Additionally, Mr. Tiblier's private sector venture has produced three publicly offered published works which embody his simple life philosophy, first introduced in the May 2010 debut of his www.bluegreenandred.com_website.

Mr. Tiblier served as an **Engineering Manager for the Orlando office of Black & Veatch Corporation (Nov 2007-Oct 2009)**. In this capacity he was charged with ensuring quality client service and successful execution of several newly completed projects which involved potable water transmission, wastewater treatment, wastewater transmission and stormwater retrofit for public sector clients, namely the Utilities Commission, City of New Smyrna Beach; Lakeland Water Utilities and the City of Ocala.

Mr. Tiblier served as a **Senior Project Manager for the Orlando office of Chastain-Skillman, Inc., (Oct 2006-Nov 2007)**. Mr. Tiblier performed client service, engineering design, permitting and construction phase services for Polk County Utilities, Toho Water Authority and for private industry.

As **Utilities Director for the rapidly growing City of Winter Garden, Florida, (Jul 2004-Jul 2006)**, Mr. Tiblier presided over a staff of 34 employees. He was in responsible charge of the production of over 5 million gallons per day of potable water, reclamation of over 2 million gallons per day of wastewater, a \$4 million annual operating budget and a just under \$6 million annual capital improvements budget.

As an **Engineering Project Manager for McKim & Creed, PA, Daytona Beach Office (Oct 2000-Jul 2004)**, Mr. Tiblier was responsible for the planning, organization and implementation of project scopes, schedules and budgets as well as directing project teams. Local government clients included the City of Daytona Beach Utilities, Ormond Beach Public Works, Volusia County Solid Waste and the City of Edgewater .

As **Public Works Director and City Engineer for the City of Deltona (Dec 1996- Aug 2000)**, Mr. Tiblier presided over the creation and administration of the first Public Works Department (25 members) for

a newly incorporated city of over 80,000 population and 46 square miles of land area. He innovated programs to enhance and maintain stormwater management systems, a 420-mile roadway network, sidewalk & bikeway facilities and aquatic and roadside vegetation control. Mr. Tiblier developed simplified approaches to outsourcing of professional services and tracking productivity of the workforce. He developed a Multi-Year Capital Plan for collector roadway reconstruction. Mr. Tiblier initiated the design of a new City Hall and Public Works Facility. Attentive to his role in public service, Mr. Tiblier attended various neighborhood, school, and civic group meetings communicating the mission of the Public Works Department. He formulated and administered the annual department budget of \$4.5 million. Mr. Tiblier headed up a program to develop a citywide stormwater master plan.

While employed by the **City of Longwood (Jul 1986-Nov 1996)**, Mr. Tiblier progressed from an entry level Assistant City Engineer (1986-1989) to City Engineer (1989-1992) and then to the **Public Works Director/City Engineer position (1992-1996)**. He was in responsible charge of 30-member Public Works Department overseeing operations, design and construction activities for Water and Wastewater Utilities; Stormwater Management; Streets and Rights-Of-Way; Fleet Maintenance and Engineering. Mr. Tiblier served the City of Longwood as Chairman of the Design Review Board charged with ensuring environmental and regulatory compliance for private development. Administering an annual budget of \$3 million, Mr. Tiblier served as Public Works representative and spokesman at public meetings in administrative and budgetary matters and as chief engineering advisor to the City Administrator.

As a **Graduate Research Assistant of the University of Central Florida (1983-1986)**, Mr. Tiblier's part time research duties included atomic emission spectrometer analysis of trace metal contaminants in surface and potable water with resulting data published in research studies. Additional laboratory experience included analyses of water for trace organic matter, nutrients, alkalinity, turbidity, fluorescence and conductivity.

Software Proficiencies

Microsoft Office (all modules), Microsoft Project, Primavera Contract Manager, Water Gems. Sewer CAD, EPANet, ICPR, Ponds, SMADA and AutoCAD 3D.

Lagniappe

Born and raised in New Orleans, LA where he graduated Summa Cum Laude from Jesuit High School in 1978. Mr. Tiblier has lived in the Orlando, FL area, since 1983.

Selected Project Experience Supplement Follows

Fernand J. (Tib) Tiblier, Jr., PE

Project Experience

Selected Project Experience as Director of Public Works and Engineering for the City of Bunnell, Florida

Commerce Parkway Connector Collector Roadway Extension Project Manager through Final Design for FDOT LAP Project, 2014-2016

Municipal Campus Park Booe Street Park

Heritage Trail Park Engineering, drafting, permitting and grant contact for three FRDAP funded multi-purpose recreational facilities, 2014-2016

Hymon Circle Stormwater Pump Station and Discharge Transmission Design and Construction oversight, 2016

Dr. Carter Street Sidewalk Bridge Design and Construction oversight services, 2015

Ion Exchange Water Treatment Plant Resident Project Representative, bidding and construction services for USDA/FDEP funded 1.0 MGD facility , 2014-2015

Southside Sewer Rehabilitation Engineering and drafting of system-wide infiltration abatement program presented for CDBG funding, 2015

Bunnell City Hall Renovation Engineering and drafting for conversion and remodeling of a former school for use as City Hall, Commission Chambers and Police Station, 2015

US Highway 1 Reclaimed Water Irrigation Project Cradle to grave Engineering Services for SJRWMD Grant Funded Project, .2015-2016

Selected Project Experience as Capital Projects Manager for New Smyrna Beach, Florida.

Provided engineering oversight and administrative support for the following projects:

Riverside Park Renovation

Flagler Ave. Boardwalk Renovation

Esther St. Beach Front Park

N. Atlantic Ave. Drainage

Washington Street Streetscape

Fairmont & Westwood Paving and Drainage

Central Fire Station

Swoope Boat Ramp Park

Historic West Canal Parking Lot

SR 44 Gateways at I-95 and W. Canal

Mary Tot Lot Restrooms

Central Beach Drainage Phase III

Multi-Use Trail

2012-2014

Selected Project Experience as an Engineering Manager for Black & Veatch Corp.

Smith St. Pumping Station and Glencoe Water Treatment Facility Improvements-Project Manager/ Engineer- Team coordination, civil engineering, permitting and construction phase services for a new high service potable water pumping station and a retrofitted transfer pumping station located at a water treatment facility for Utilities Commission, City of New Smyrna Beach, FL, 2008- 2009.

West Lakeland Wasteload Reduction Facility- Construction management engineering for a 1.5 MGD average daily flow industrial wastewater pretreatment facility to treat high strength industrial wastewater and relieve over burden to the City of Lakeland's Glendale Water Reclamation Facility. Supporting infrastructure included a triplex lift station, a 16-inch influent force main and a 20-inch effluent force main for the City of Lakeland, FL, 2007-2009.

Drane Field Road Wastewater Booster Pumping Station and Air Park Master Pumping Station- Construction management oversight for an enclosed 10,000 gpm wastewater booster pumping station and a 2,500 gpm master pumping station for the City of Lakeland, FL, 2007-2009.

Old City Yard Drainage Retention Area Phase II- Project Manager/ Engineer- Stormwater modeling, permitting and design of a wet detention stormwater management system serving a 127 acre urban drainage basin. This project also involved a successful Letter of Map Amendment through FEMA for the re-designation of 100-year flood plains to ensure optimum development of the basin for City of Ocala, FL, 2008-2009.

Selected Project Experience as a Senior Project Manager for Chastain-Skillman, Inc.

Walk-In-Water Estates PWS Well #2 Engineering design and permitting of a new public supply well for Polk County Utilities, 2007.

Walk-In-Water Estates Lemon Drive Water Main Improvement Engineering hydraulic modeling, design and permitting of a new water main trunkline for fire flow and build-out capacity enhancement for Polk County Utilities, 2007.

RaceTrac Service Station, Eagle Lake, Florida Stormwater management modeling, design and permitting of a wet detention system of a service station and convenience store for RaceTrac Petroleum Corporation, 2007.

Lake Wilson Road Master Lift Station – Hydraulic modeling and construction phase project management for a wastewater interconnecting system between Polk County's Northeast Regional Utilities Service Area collection network and Toho Water Authority's treatment facility for Polk County Utilities, 2007.

Polk County Road 540A Utility Relocation Project Manager/ Engineer for collection, transmission and distribution system alignments and enhancements within a rural-to-urban roadway section conversion and widening project for Polk County Utilities, 2007.

Mountain Lake Villas Stormwater management modeling, design and permitting for an upscale residential development near Lake Wales, Florida for Mountain Lake Corporation, 2007.

SunAir Lift Station #76 Rehabilitation Design and permitting of a replacement wastewater lift station with emphasis on relief of historical flooding for Polk County Utilities, 2007.

Biosolids Master Plan A 20-year planning horizon evaluation and capital needs assessment of biosolids management for a municipal utility system anticipating a near ten-fold growth for Toho Water Authority, 2007.

Walk-In-Water Estates Community Water System Master Plan Project Manager/ Engineer for a Master Water Treatment and Distribution System Master Plan, including system hydraulic modeling, capital improvement planning, and regulatory compliance assessment, for Polk County Utilities, 2006.

Mt. Olive Wastewater Treatment Facility- Updated Capacity Analysis Report State mandated report to FDEP for Polk County Utilities, 2006.

Selected Project Experience as Utilities Director for the City of Winter Garden, Florida

Reclaimed Water Ground Storage and High Service Pumping Initiated the design of the City of Winter Garden's first large scale reclaimed water distribution program, 2006.

City of Ocoee Reclaimed Water Partnership (Principal Author and Negotiator) Developed viable partnerships for the future of water supply in the region, for Winter Garden, 2006.

System Hydraulic Modeling Led the effort to introduce the most current tools for the efficient design of collection and distribution infrastructure for Winter Garden, 2005-2006.

Radio Read Meters Retrofit Program Spearheaded the conversion of all water meters to remotely read types for Winter Garden, 2005-2006.

Louis Dreyfus Citrus Corporation Asset Acquisition and Reclaimed Water System Retrofit Served as lead staff contact during negotiations to acquire 13.2 miles of pipeline and appurtenant treatment facilities. These new assets form the basis for accelerating the commencement of the State mandated reclaim water distribution in the southern service area of the City, for Winter Garden, 2005.

East Crown Point Water Main Extension Design, Permitting and Construction Management Potable main extension to serve developing areas along the City's eastern border, 2005.

Selected Project Experience as an Engineering Project Manager for McKim & Creed, PA

Ormond Beach Elementary School Parking Lot Site civil engineering, stormwater management design and local government permitting for an urban parking facility for Volusia County School Board, 2004.

Palm Coast City Walk Civil land development design and environmental permitting for a 13-acre upscale office and retail Business Park for a private developer, 2004.

I-4/ SR44 Economic Development Initiative Team coordination planning design and environmental permitting of a 43.3 acre industrial park. Project features complex wetlands permitting through the local Water Management District, for Volusia County, 2003.

Stonecrest Wastewater Treatment Plant Modifications Design and permitting of process and site enhancements including paving, drainage and upgrading of activated sludge treatment system for Florida Water Services, 2003.

1000 Palm Coast Parkway Land development planning, environmental permitting and engineering for a commercial office building site for a private developer, 2003.

Water Distribution System Modeling for City of Palm Coast Provided system modeling and design of water distribution system enhancements to serve area of rapid growth for Florida Water Services, 2002.

LPGA Blvd. Master Lift Station Engineering design and environmental permitting of a master lift station (ultimate capacity of 6 MGD) for the City of Daytona Beach, 2002.

Highridge Estates Wastewater Collection and Transmission System Sanitary Collection system design and permitting for a residential subdivision for the City of Daytona Beach, 2002.

South Peninsula Wastewater Collection and Transmission System for the City of Daytona Beach Engineering design team member of design build project to bring wastewater service to 1000 new customers for Progressive Contractors, Inc., 2002.

Daytona Memorial Park Site Development Plan Site Stormwater management and roadway design and environmental permitting of an urban cemetery for Daytona Memorial Park, 2002.

Lift Stations 50 & 51 Rehabilitation Project Sanitary transmission system upgrade design and environmental permitting for the City of Daytona Beach, 2002.

West Volusia Transfer Station Operating Permit Renewal Prepared engineering report and evaluation for environmental permitting of waste transfer station for Volusia County Solid Waste, 2002.

Klenk Construction and Demolition Landfill Closure Assessment Landfill closure financial and

environmental assessment for Volusia County Code Enforcement, 2002

Riviera Estates Blvd./ City of Holly Hill Site Development Plan Stormwater management and utility systems design and environmental permitting of an upscale six lot subdivision for Don Nielsen, 2002.

SR 953 Watermain Project for City of Marco Island Provided system modeling and design of water distribution system enhancements to serve area of rapid growth for Florida Water Services, 2002.

Wastewater System Modeling Computer modeled wastewater collection and transmission system for the City of Daytona Beach, 2001.

Manatee County Sludge Drying Equipment Evaluation Product and systems study and evaluation for County government, 2001.

Hermit's Trail Roadway Reconstruction Rehabilitation of a roadway bed sinking due to organic settlement utilizing sheet piling, for the City of Altamonte Springs, 2001.

Sterthaus Drive Roadway Reconstruction Project engineering, permitting and bidding assistance for a 4,000 LF stretch of urban collector roadway for City of Ormond Beach, FL, 2001.

Cassen- Granada Bridge Underpass Engineering construction manager for construction of a pedestrian park and observatory for City of Ormond Beach, 2001.

Chassahowitzka Utilities Preliminary layout and engineering design of a public water distribution system and a low-pressure sanitary sewer system for Florida Water Services, 2001.

Residuals Facility- Tomoka Landfill Principal engineering designer of an industrial site plan for Volusia County Solid Waste, 2001.

Daytona Wastewater Master Plan Principal author and graphics designer for a 20-year planning, computer modeling and capital improvement program for the wastewater collection and transmission systems of the City of Daytona Beach, 2001.

Selected Project Experience (Concept through Construction), as Public Works Director and City Engineer for City of Deltona

Eastbrook Ave. Retention Pond Outfall Project
Gravity storm sewer relief for a land-locked stormwater retention system, 2000.

Monument Outfall Drainage Improvements
Pressure system relief for a land-locked stormwater retention system, 2000.

E. Normandy Roadway Demonstration Project
Rural 2-lane to urban 3-lane roadway conversion project including drainage, traffic control, pavement markings, 1999.

City-wide Stormwater Retention Pond Retrofit and Maintenance Program
Aggressive maintenance program for stormwater volume storage and groundwater recharge, 1998-2000.

Quincy/ Pendleton Drainage Improvements
Underdrain relief of localized high ground water table, 1999.

Boys and Girls Club, Campbell Park
Land planning, building relocation, permitting, development and interior alterations for local chapter Boys and Girls Club, 1998-99.

Providence Blvd. Median Landscaping Improvements
Curbing, landscaping and irrigation system enhancements, 1998.

Beechdale Drive (Phase 1) Drainage Improvements
Provided relief of street and front yard flooding, 1998.

Fayetteville/ Cambridge Drainage Improvements
Closure of open ditch in up-scale residential neighborhood, 1998.

City-wide Stormwater Master Plan
Master basin study and long-range capital improvement program development, 1997-2000

Various Urban Collector Roadway Intersection /Signalization Improvements, 1997-2000.

Public Works Productivity Tracker
Author of a Microsoft Access database program, 1997

Tulsa Drive Drainage Improvements
Pressure and overland system relief for a land-locked stormwater retention pond, 1997.

Sumatra Av. Drainage Improvements
Provided relief of backyard flooding, 1997.

Selected Project Experience (Concept through Construction), as Public Works Director and City Engineer for City of Longwood

North St. Industrial Park Gravity Collection System and Lift Station
Design, permitting and construction oversight for installation to provide sanitary service to established industrial park, 1996.

Longdale Industrial Park Vacuum Sanitary Sewer System
Design (Engineer of Record), permitting and construction oversight for installation of shallow depth collection system serving an established Industrial Park, 1995-1996.

Bistline Ave. Paving; Reider Ave. Paving; 2nd Place Paving
Several notable examples of design, permitting and construction oversight for paving and drainage of dirt road featuring in place mixing of soil cement for the City of Longwood, 1992-1996.

City of Longwood Water Main Extension Projects
Design, permitting and construction oversight for installation of numerous water main replacement and extension projects, 1989-1996.

Lake Wayman Outfall Project
Design and reconstruction of failed 24' storm sewer with addition of outfall control structure, 1994.

Church Ave. Gravity Collection System, Force Main and Lift Station,
Design, permitting and construction oversight for installation to provide sanitary service to Longwood's Historic District, 1994.

Church Ave. Reconstruction
Design, permitting and construction oversight for 2 ½ mile roadway reconstruction project for City of Longwood including historic style brick pavers, urban section drainage & bike route, 1992.

City of Longwood Water Conservation Plan
Author of document appended to St. Johns River Water Management District Consumptive Use Permit Renewal, 1992.

City of Longwood Water Distribution System Handbook
Principal author of KYPIPE computer model with explanatory text, 1991.

Longwood Drainage Improvements
Design, permitting and construction oversight for a host of miscellaneous neighborhood drainage enhancements, 1990.

Highland Ave. Stormwater Pump Station Design, permitting and construction oversight for stormwater pump station established in a residential land locked drainage sub-basin, 1989.

Longdale- 48" Gravity Storm Sewer Design and construction oversight of 48" gravity sewer storm sewer to replace erosion plagued open channel, 1988.