

**PERSONNEL
COMMITTEE MEETING
September 14, 2012**

PRELIMINARY AGENDA

**FLORIDA INLAND NAVIGATION DISTRICT's
Personnel Committee Meeting**

2:00 p.m., Friday, September 14, 2012

**Doubletree Hotel
4431 PGA Boulevard
Palm Beach Gardens, Palm Beach County, Florida.**

Committee Members

**Commissioner Jon Netts, Chair
Commissioners Norman Bray, Spencer Crowley, Don Cuzzo, and Nancy Freeman**

Item 1. Call to Order.

Chair Netts will call the meeting to order.

Item 2. Roll Call.

Assistant Executive Director Mark Crosley will call the roll.

Item 3. Additions or Deletions.

Any additions or deletions to the meeting agenda will be announced.

RECOMMEND Approval of a final agenda.

Item 4. Assistant Executive Director Candidate Interviews.

The Committee will interview the six finalists for the Assistant Executive Director position.

(see attached resumes in alphabetical order)

Item 5. **Committee Discussion of the Candidates.**

The Committee will discuss the candidates prior to individually ranking them.

Item 6. **Additional Agenda Items or Staff Comments.**

Item 7. **Additional Commissioners Comments.**

Item 8. **Adjournment.**

REC'D *del*

JUN - 4 2012

FLORIDA INLAND
NAVIGATION DISTRICT

May 30, 2012

Mr. David Roach
Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Florida 33477

Dear Mr. Roach:

I am pleased to submit a summary of my experience in the form of the attached resume to demonstrate that my management experience and technical skills match the requirements for the Florida Inland Navigation District position of Assistant Executive Director.

The administrative and management requirements for this District position offer challenges due to the diversity of responsibilities, thereby requiring mastery of organization, communication and collaboration. These requisites offer an opportunity for me to utilize my 15 years of office, project, and program management experience. I have gained practical management experience through positions of increasing management responsibility in both large and small firms and have had the opportunity to receive formal corporate management training in the areas of budget, liability, performance and program management that enhance my overall ability to resolve issues down to the root cause. I have managed multi-disciplinary teams on complex dredge and fill projects and have administered long-term, high profile grant programs. In these, and many other cases, I maintained careful coordination with all stakeholders, including owners, regulatory staff, administrators, special interest groups and project/program end users. My ability to pay special attention to detail while remaining focused on overall objectives is central to the successful projects and programs that I have managed.

The technical requirements for this District position are specific and focused necessitating expert knowledge and understanding of coastal and marine waterway dynamics and associated multifaceted regulatory requirements. My educational background in civil and coastal engineering is well suited to address the complex processes and technical aspects of coastal waterways design and construction and the District's dredge and fill operations. My broad and comprehensive permitting experience has been developed through 22 years of managing design, engineering, and regulatory permitting and compliance of large and small marine and coastal related projects. My extensive land development planning and permitting capabilities demonstrate my diverse regulatory skill-set that can be practically applied to the management of the District's land holdings.

I trust that my skills and accomplishments match the needs of the District and I am available to discuss the position of Assistant Executive Director at a time convenient for you. I hope to hear from you and look forward to an opportunity to explore this District position in more detail.

Sincerely,



Stephen W. Boehning, P.E., CFM

STEPHEN W. BOEHNING, PE, CFM
505 53rd Square, Vero Beach, Florida 32968
email: sboehning@getscorp.com cell: (772) 473-4099

CAREER OBJECTIVE

To apply my extensive administration, planning, technical and management experience to the improvement and assistance programs of the Florida Inland Navigation District. To employ my diverse coastal management experience toward developing and implementing the District mission of managing Atlantic Intracoastal Waterway projects.

CAREER SUMMARY

Broad administration and engineering background with specific focus on program/project management and coastal engineering applied over 22 years in progressive levels of experience.

Management experience in **program development** (market research, proposals, new market development, policies and procedures), **corporate operations** (office projections, budgets, staffing level, project billing and collections), **business organization** (manage professional and support staff, staff mentoring), and **project management** (technical support, responsible Engineer-in-charge, quality control officer, communication with client, regulatory, subconsultants and contractors).

Technical expertise in **coastal engineering** (shoreline stabilization, dredging, inlet management and marina design and permitting), **civil engineering** (land development, stormwater and floodway analysis, infrastructure design and permitting), **disaster assistance** (FEMA grant programs, hazard mitigation, debris removal).

PROFESSIONAL AND EDUCATIONAL

Professional Engineer, 1997, Florida license no. 52201
ME Coastal Engineering, 2004, Stevens Institute of Technology, Hoboken, NJ
BS Civil Engineering, 1989, Widener University, Chester, PA
ASFPM Nationally Recognized Certified Floodplain Manager, 2011
FEMA Certified Public Assistance Disaster Field Inspector, 1996

WORK HISTORY

2008 to present – **Owner/Principal Engineer**, Coastal Waterways Design & Engineering LLC, Vero Beach, FL
Responsible for planning and directing start-up coastal waterway consulting company. Directed professionals and sub consultants on multi-disciplinary coastal engineering and floodplain management projects and programs.

2010 to present – **Executive Committee Secretary**, Clean Space Coast Cooperative (CSCC), Cape Canaveral, FL
CSCC, doing business as Port Canaveral-Brevard County Spillage Cleanup Committee (Cooperative), owns, operates, and maintains a dedicated pollution control cleanup equipment stockpile located in Port Canaveral.

2004 to 2008 – **Office/Engineer Manager – Owner (Shareholder)**, Neel-Schaffer, Inc., Vero Beach, FL
Responsible for business development, office operations and professional/paraprofessional staff management. Program Manager and Engineer-of-record for project design and regulatory permitting on multiple land development projects and marina developments requiring supervision, management and coordination of multi-disciplinary teams.

1998 to 2004 – **Area Office Manager**, Coastal Technology Corp., Vero Beach, FL
Responsible for business development and staff management. Project Manager and Engineer-of-record on major beach fill projects and marina developments. Responsible for supervising numerical modeling, engineering, design, surveying, geotechnical, biological/ecological, and regulatory permitting staff and sub consultants.

1990 to 1998 – **Project Manager**, Killam Associates, Freehold, NJ
Design Engineer for multiple municipal and coastal engineering projects. Responsible for obtaining project regulatory approvals and construction administration.

REPRESENTATIVE MANAGEMENT AND DESIGN PROJECTS

COASTAL, WATERWAYS AND INLET PROJECTS

Extensive management and administrative experience in projects that included numerous aspects of coastal and inlet processes, coastal zone management and related state and federal waterway and marine policies and environmental regulation; project management, coastal engineering, planning and design of shore protection and evaluation of coastal processes. Management and Supervision experience with planning, designing, permitting and construction of numerous coastal related projects including inlet dredging, sand transfer and beach/dune nourishment.

Phipps Ocean Park Beach Nourishment Project, Town of Palm Beach, Florida:

Project Manager responsible for design and permitting of the Phipps Ocean Park Beach Restoration project for the Town of Palm Beach. Supervised team that performed numerical modeling, design and drafting, geotechnical, biological, ecological, land and hydrographic surveys, aerial photography and permit specialists. The design entailed placement of 1.5 million cubic yards of sand from two offshore borrow sources. The project included design, permitting (NEPA coordination), and construction phase services for the artificial reef proposed to mitigate the project impacts to nearshore hardbottom communities.

Inlet Management Plan, City of Venice, Florida:

Project Engineer for the City of Venice Inlet Management Plan Implementation. This project involved employing a wave refraction / diffraction (REF/DIF) model of the Inlet. The model was applied to the wave field surrounding the inlet for existing conditions, including average wave conditions and storm conditions. Following the modeling, supervised a team of professionals to conduct a feasibility study identifying potential improvements to reduce the downdrift effects of Venice Inlet.

St. Lucie Inlet Sand Transfer Project (channel/inlet dredging and beach fill), Martin County, Florida:

Supervised construction administration, surveying, and environmental monitoring services for this project. Served as the liaison between the U.S. Army Corps of Engineers, Town of Jupiter Island, Florida Inland Navigation District, and Martin County. Responsibilities included management and administration of construction observation services on this 717,000 cubic yard sand transfer project. Sand was dredged from the inlet channel, sand trap, and Intracoastal Waterway system utilizing bucket dredges and hydraulic pumping from the Intracoastal Waterway across the barrier island onto the beaches.

MARINA AND SHORELINE PROTECTION PROJECTS

Managed and administered the planning, design and permitting of shore protection and coastal structure projects; Supervised the analysis of wave/structure interaction and evaluation of environmental conditions for use in the design of coastal facilities. Project Management and Administration experience with planning, design, and construction of numerous marine facilities and shoreline stabilization projects including docks, marinas, bulkheads and revetments.

Shoreline Stabilization for Anchorage Condominium, Brevard County, FL

As Project Manager, oversaw permit assistance, engineering and design drawings, and construction bidding and negotiation services for construction of 200 linear foot of rock revetment along the eroding shoreline of Anchorage Condominium. The project included depth limited wave design with provisions to avoid existing mangrove and reduce impacts to existing native vegetation in accordance with FDEP, USACE and Brevard County DNR.

Harbor Branch (Florida Atlantic University), Fort Pierce, Florida

Project Engineer for bulkhead modification to accommodate small vessel tour boat access. Design included cutting existing steel bulkhead and designing concrete access platform, wall and access stair for personnel and tour group. Supervised professional design staff and coordinated with owner and contractor.

Whitley Bay Marina Design, Cocoa, Florida:

Project Manager responsible for design and permitting for the reconfiguration of an existing marina facility including a 1,500 linear foot concrete breakwater to reduce waves within the marina basin. The design included concrete 'H' piles to allow for wave break panels to be inserted into pile grooves to facilitate ease of construction. Coordinated with stakeholders on rapid design of an adjacent concrete bulkhead and boardwalk for City river walk system.

REPRESENTATIVE MANAGEMENT AND DESIGN PROJECTS (CONTINUED)

DISASTER ASSISTANCE AND EMERGENCY MANAGEMENT PROJECTS

Extensive practical and applied local program administration experience and knowledge in Federal Emergency Management Agency (FEMA) Public Assistance (PA) programs, the Hazard Mitigation Grant Program (HMGP), and the National Flood Insurance Program (NFIP). Project experience includes managing preliminary damage assessments, debris removal monitoring, preparation and processing of damage reports, FEMA PA and HMGP administration.

Deepwater Horizon Oil Spill Response, Houma and New Orleans, LA

Provided incident response expertise to the Planning Section of the Deepwater Horizon Incident Response Team. Services included full-time staffing at the Houma Incident Command Center and on the New Orleans Area-wide Incident Management Team. Lead a planning team to prepare and exercise the Severe Weather Plan to evacuate over 46,000 responders and 2 million pieces of response equipment in the event of severe weather. Additional services included consulting on several coastal engineering projects. As Severe Weather Program Director, coordinated with National Weather Service and National Hurricane Center and supervised program training and exercise staff.

FEMA Debris Removal Monitoring Management, Indian River County, Florida:

Project Manager responsible for providing emergency management support following Hurricane Frances inclusive of supervising monitoring efforts associated with the debris clean-up effort. Before involvement was finalized, Hurricane Jeanne struck. Served as the lead on the project and as coordinator between Indian River County, FEMA and the two contractors awarded the debris cleanup. Prepared support documentation to demonstrate program compliance.

FEMA PA and HMGP Grant Program Management, Borough of Avalon, New Jersey:

As Sub-applicant Program Manager, following several "Declared Disasters" successfully secured Hazard Mitigation Grant Program (HMGP) funds for local mitigation projects and Public Assistance (PA) funding to repair storm damaged facilities. Applied in-depth knowledge of FEMA CFR (Code of Federal Regulations) and internal funding policies to secure tens-of-thousands of dollars in funding. Trained staff in administering program.

SITE AND CIVIL DESIGN PROJECTS

Administered all aspects of site plan development, storm water, and municipal engineering projects. Primary duties included contract procurement and overall project administration of development and engineering services. Management experience involves supervision of project planning and engineering design, collaboration with sub consultants, coordination of regulatory approvals, construction management, project budgeting and scheduling, and total client interaction during completion of the project scope.

Verona Trace & The Villas at Verona Trace, Engineering Design, Permitting and Construction Management, Lennar Communities:

Project Manager for this project that involved the preparation of design for developing approximately 157 single-family and 290 multi-family residential units on a 105-acre parcel. Oversaw design team including roadway, stormwater and drainage, sanitary sewer with regional lift station, potable water and site platting. Led and supervised permitting administration services included County Technical Review approval, USACE, FLDEP, SJRWMD, and local water management and environmental regulatory approval and construction compliance.

Florida Inland Navigation District Site BV-52, Palm Bay, Florida:

Project Manager for this project to provide civil engineering design services including preliminary design for the development of park improvements at the FIND dredge spoil site. Project specifics include earthwork calculations, stormwater management, paving, water and sanitary services. Critical design parameters included accommodating stormwater conveyance from an off-site residential site to alleviate unrelated flood conditions.

SE Volusia County Marine Commerce Park

Project Manager responsible for overseeing the design, permitting and construction administration for a 300 foot extension of the existing bulkhead, enlargement (dredging) of the existing Indian River North basin and wetlands creation as mitigation. Supervised staff and sub consultants and presented conceptual master site plan for land use and community development approval for this marine oriented commercial park.

REC'D *RC*

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477

June 25, 2012 JUN 25 2012

FLORIDA INLAND
NAVIGATION DISTRICT

Dear Selection Committee,

Please accept the attached resume for consideration for the Assistant Executive Director position. I believe that my experience, abilities, and education make me the ideal candidate to become the Florida Inland Navigation District's next Assistant Executive Director.

I currently serve as the Engineer in Charge (EIC) for the Maryland Port Administration's Masonville Project. The Masonville Project is a \$153 million dredged material containment facility (an informational sheet is attached). As the EIC, I managed the construction of the 15.4 million cubic yard, 141-acre site as well as the marine infrastructure and environmental mitigation project components.

The Masonville Project is an integral part of the Maryland Port Administration's long-term Dredged Material Management Program. The project has received numerous awards, including a Special Recognition Award from the Coastal America Partnership, presented by the Assistant Secretary of the Army, and the Army Corps of Engineers, Baltimore District.

I understand what is required to manage high-visibility, large-scale dredging and dredged material management projects. I have experienced the importance of Community Outreach to the public understanding and acceptance of channel maintenance projects.

Prior to my work in Maryland, I was employed as a Coastal Engineer in Florida. I have designed, permitted, and managed the construction of dredging, coastal structures, beach nourishment, dock, and marine infrastructure projects.

I grew up in Florida and am a life-long boater. I put myself through the Ocean Engineering program at Florida Atlantic University while serving as Dockmaster of a 48-slip private marina. I thoroughly understand the recreational and commercial importance of maintaining the Atlantic Intracoastal and Okeechobee Waterways.

The Florida Inland Navigation District is synonymous with solid planning and beneficial projects. I welcome the opportunity to be considered for the Assistant Executive Director position.

Sincerely,



Joseph B. Chaison, P.E.
326 Manchester Street
Boca Raton, FL 33487

JOSEPH B. CHAISON, P.E.

326 Manchester Street
Boca Raton, FL 33487
561-400-2579
Joe.Chaison@gmail.com

RELEVANT EMPLOYMENT HISTORY:

**State of Maryland, Baltimore, MD (2006 - Present)
(Maryland Environmental Service)**

Senior Engineer

- Engineering and Project Management for Maryland Port Administration
- Create, Bid and Procure Marine Infrastructure Construction Contracts
- Supervise Engineering & Technical Staff and Manage Consultant Efforts

PBS&J, Beltsville, MD (2005 – 2006)

Senior Engineer

- Created Updated Flood Insurance Rate Maps for FEMA
- Supervised Engineering and Technical Staff

Coastal Planning & Engineering, Inc., Boca Raton, FL (2003 – 2005)

Coastal Engineer

- Engineering & Design of Coastal Engineering Projects
- Supervised Entry Level Engineering Staff
- Construction Oversight
- Technical Report Preparation and Presentation

Humiston & Moore Engineers, Naples, FL (2001 – 2003)

Coastal Engineer

- Engineering & Design of Marinas and Coastal Structures
- Construction Oversight
- Technical Report Preparation and Presentation

EDUCATION:

Florida Atlantic University, 2001, Bachelor of Science in Ocean Engineering
Texas A&M University, 2007, Dredging Engineering Short Course

REGISTRATION:

- **Professional Engineer, #64831** Florida Board of Professional Engineers
- **Professional Engineer, #34748** Maryland Department of Labor
- OSHA 40-Hour HAZWOPER Certified
- Certified Emergency First Responder
- PADI Open-Water Diver - 1984

SELECTED PROJECT EXPERIENCE:

Masonville Project:

Designated by Maryland Port Administration as Engineer in Charge (EIC) for \$153M port infrastructure project involving;

- Construction of 5,200' Armored Earthen Dike
- Dredging 4.3 Million Cubic Yards
- Community Outreach – Public Meetings, Tours, Presentations
- Project Management –Status Updates to Director, Budget Tracking, Progress Meetings
- Extensive Landside Cleanup of Existing Brownfield
- Construction of Environmental Education Center
- 50' Deepening of Shipping Channels
- Creation of 50' Deep Turning Basin
- Pier Structure Demolition
- Construction of 1,100' Steel Cellular Cofferdam Berthing Structure
- Relocation of 48" Water Main
- Storm Drain Relocation
- Bulkhead and Relieving Platform Demolition
- Construction of Cast-In-Place Bulkhead Structure
- Creating of Tiered EIS

Inlet and Waterway Projects:

Bogue Inlet Channel Relocation / Beach Nourishment Project, Emerald Isle, NC

Coastal engineer responsible for project management and construction of inlet relocation project. Project consisted of excavation of 1.1 million cy from new inlet channel, placement of 4.5 miles of beach fill and construction of a 2200' closure dike abridging old inlet channel.

Clam Pass Inlet Stabilization Project, Collier County, FL Coastal engineer responsible for design, construction inspections and report preparation for ongoing inlet stabilization project. Prepared annual monitoring reports and conducted construction observations of 75,000 cubic yard dredge and fill project at Clam Pass in Collier County, Florida. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

Wiggins Pass Maintenance Dredging, Collier County, FL Coastal engineer responsible for preparation of construction plans and construction observations for 100,000 cy dredge and fill project. Analyzed survey data, produced construction plans and performed construction observations for maintenance dredging project at Wiggins Pass in Collier County, Florida. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

West Naples Bay Dredging Project, Naples FL Coastal Engineer responsible for design permitting and coordination of maintenance dredging and rock removal project along 7,900 linear feet of residential canals. Coordinated design and permitting of special taxing district project involving dredging of canal system.

Marina Facilities and Coastal Structures

Gordon Pass North Jetty Restoration, Collier County, FL

Coastal engineer responsible for design and construction observations for restoration and sand tightening of 725' rubble mound jetty. Conducted construction observations throughout restoration of Gordon Pass North Jetty, which involved reworking of existing jetty, installation of 525' of steel sheet piling, installation of 3000 ton of native Florida limestone, installation of 3000 ton of Georgia granite, and installation of navigation markers for structure. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

Keewaydin Island T-Head Groins, Collier County, FL

Coastal engineer responsible for design assistance and construction observations of three T-head groins located on the north end of Keewaydin Island in Collier County, FL. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

Beach Restoration Projects:

Lovers Key Beach Restoration Project, Lee County, FL

Coastal Engineer responsible for design and construction observations of 570,000 cy beach restoration project. Performed preliminary engineering through final design including survey data analysis, volumetric and shoreline changes, diffusion analysis, borrow area development, design life and construction templates. Conducted beach inspections, calculated pay volumes, confirmed dredge location compliance, confirmed regulatory compliance, accounted for mid-project hurricane effects redesigning template. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

Estero Island Beach Renourishment Project, Lee County, FL

Coastal Engineer responsible for design of 1.01 million cy beach Renourishment project and rubble mound groin. Performed design including survey data analysis, volumetric and shoreline changes, diffusion analysis, borrow area development, design life and construction templates. Prepared technical design and monitoring reports, plans and specifications. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

Panama City Storm Response Renourishment Project, Panama City, FL

Coastal engineer responsible for quantifying storm effects, and designing 3.9 million cy renourishment project. Preparation of construction plans and specifications. Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers permitting.

Fire Island Pines Beach Renourishment Project, Fire Island, NY

Coastal engineer responsible for construction observations and pay volume calculations for 500,000 cy beach Renourishment project. Conducted site inspections, interpreted plans and specifications, calculated volumes, prepared reports for 1.25 mile beach Renourishment project.

JOSEPH B. CHAISON, P.E.

326 Manchester Street
Boca Raton, FL 33487
Joe.Chaison@gmail.com
561-400-2579

Professional References

Mr. Frank L. Hamons

Deputy Director for Harbor Development
Maryland Port Administration
World Trade Center
401 E. Pratt Street
Baltimore, Maryland 21202
(410) 385-4419

Mr. Robert Robbins

Director, Department of Environmental Resources Management
Palm Beach County
2300 North Jog Road
West Palm Beach, FL 33411-2743
(561) 233-2400

Mr. Martin R. Snow

Division Director (ret.)
Great Lakes Dredge and Dock
Gahagan Bryant Associates (current)
9008-O Yellow Brick Road
Baltimore, MD 21237-5608
(410) 682-559

Mr. Thomas P. Pierro, P.E.

Senior Engineer
Coastal Planning and Engineering
2481 NW Boca Raton Boulevard
Boca Raton, FL 33431
(561) 391-8102

REC'D *rac*

APR 30 2012

FLORIDA INLAND
NAVIGATION DISTRICT

April 25, 2012

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33447

RE: open position - Assistant Executive Director

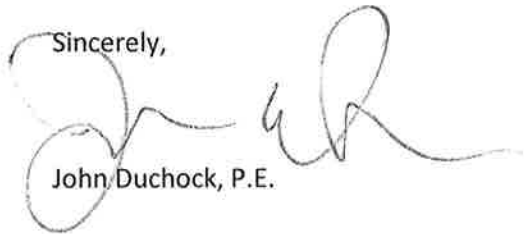
To Whom It May Concern:

I am excited to learn of the opening for the Assistant Executive Director position at the Florida Inland Navigation District and would greatly appreciate consideration to fill that role. Enclosed is my resume, highlighting my background, education, and work experience. With over 14 years of working in marine consulting I feel that I have a lot to offer.

My professional work experience has covered a lot of water, so to speak, including working directly with public stakeholders (federal agencies, state agencies, counties, cities, citizens) and other private groups on a variety of marine projects. I have assisted public sector clients in applying for FIND grant funds in the past through the Waterway Assistance Program, etc. Being involved in the Palm Beach County and South Florida Marine Industries Associations has allowed me to understand local boating issues and the importance of the marine industries to coastal communities. I am familiar with the roles and responsibilities of the district and understand the importance of the programs for communities in Florida. My own personal enjoyment of time on the water further enhances my interest in working for the district.

While I am gainfully employed and enjoy the work I am doing at this time, I view this position as a change from my current role as a private consultant. I feel that this public position comes with a level of responsibility and service with beneficial outcomes that I would find fulfilling. I look forward to hearing from you and hope to be able to directly discuss this opportunity further with you.

Sincerely,


John Duchock, P.E.

Contact information:
1818 Edgewater Driver
Boynton Beach, FL 33436
Cell (561) 704-6457

JOHN C. DUCHOCK, P.E.

Coastal/Marine Engineer

EXPERIENCE SUMMARY

With over 14 years of experience working in the coastal and marine environments, Mr. Duchock has served as a project engineer, project manager, and point of contact for public and private clients, both domestic and international. He has led field investigation and data gathering efforts related to marinas, inlet management, shoreline protection projects and other coastal applications. He has completed comprehensive feasibility assessments of proposed projects, as well as evaluations of existing marine facilities and coastal structures.

Mr. Duchock has direct working experience in marina planning, market evaluations, economic performance, and engineering design. As a registered professional engineer he has designed numerous marine and coastal structures, such as bulkheads, revetments, pile-supported structures, etc. His work has incorporated the use of innovative materials such as geocomposite fabrics, recycled/composite plastics, and vinyl as alternatives to materials commonly used in marine construction.

Through design, permitting and monitoring efforts on public beach and coastal park projects in Florida, Mr. Duchock has developed a good working relationship with State environmental agencies and has shepherded multiple project permits, including Joint Coastal, Environmental Resource, Coastal Construction Control Line, and DEP Field Permits. He has participated in the execution of multiple beach monitoring programs, covering both physical and biological monitoring and mitigation requirements established by permit conditions.

A co-author of two inlet feasibility studies, he has led public workshop efforts presenting study findings and soliciting stakeholder feedback during public meetings. He also assisted with the development of Environmental Impact Assessments, as well as Environmental Management Programs and execution of environmental monitoring for several marine and resort development projects in the Caribbean, Mexico, and Florida.

AREAS OF SPECIALIZATION

Coastal Engineering and Shoreline Management
Coastal Structures
Dredging and Placement of Dredged Material
Marina Market Evaluations, Planning, and Design
Experience with AutoCAD 2011, Surfer 8.0, CEDAS, BMAP 2.0, Pilebuck, CSHTWAL, STFATE, ACES, GENESIS, HEC-2, AdICPR, and HEC-RAS

EDUCATION

B.S., Ocean Engineering, Florida Institute of Technology, 1995
Coastal Engineering Graduate Degree Program, Old Dominion University (2000-2003)

REGISTRATIONS

Professional Engineer, Florida
No. 60457, 2003
Professional Engineer, Virginia
No. 0402 036 494, 2002
Professional Engineer, Maryland
No. 37090, 2009

AFFILIATIONS

Member of Association of Coastal Engineers (ACE)
Member Florida Shore and Beach Preservation Association (FSBPA)
Member Marine Industries Association of Palm Beach County
Member Marine Industries Association of South Florida

key projects

John C. Duchock, P.E.

DOMESTIC (U.S.) EXPERIENCE:

Red Reef Park, City of Boca Raton, FL – Project Manager responsible for evaluating the life expectancies and rehabilitation/replacement options for a series of timber dune boardwalk structures. Coordinated field permit for rehabilitation work with Florida DEP representative. Completed engineering design and construction documents for design, incorporating the use of composite wood materials for decking and structural handrail system. Participated as Owner representative during construction and assisted in review and approval of Contractor pay requests and change orders.

South Beach Park, City of Boca Raton, FL - Project Manager for ongoing dune crossover rehabilitation project at South Beach Park. Working directly with City staff to rehabilitate three crossover structures incorporating changes such as the use of on-grade brick paver and shell hash paths in order to minimize maintenance and extend the life of the existing crossovers. Work included direct coordination with DEP field representatives to secure a field permit for construction. Developed detailed design and Construction Documents for bidding. Acted as Owner representative during bidding and construction from 2011-2012.

Spanish River Park, City of Boca Raton, FL - Project Manager responsible for developing a dune vegetation management plan for the beach dune and access points at Spanish River Park. Set up a team to perform ecological baseline surveys, topographic surveys, and landscape/irrigation design. Extensive coordination with State agencies was necessary to secure a permit for a project seaward of the Coastal Construction Control Line (CCCL Permit) through DEP. Project construction set to begin early 2012, with direct bid and construction support being provided.

Long Key State Park, Long Key, FL - Project Engineer responsible for evaluating engineering design concepts and environmental impact assessments for State Park in the Florida Keys. Worked directly with State Park staff to develop concepts and provide solutions that would avoid seagrass impacts while enhancing the existing shoreline and providing protection against erosion from storm events.

South Lake Worth Inlet Feasibility Study, Boynton Beach, FL – Project engineer and primary point of contact for comprehensive feasibility study of inlet. Work focused on developing potential structural modifications to inlet to address issues with navigation safety and lagoon water quality. Complete summary of findings presented to local stakeholders, including inlet steering committee for decision on implementation of viable solutions.

Shoreline Protection and Enhancement, Twin Rivers Park, Martin County Parks & Recreation Department, Martin County, FL – Served as Project Manager for the protection and enhancement of more than 1,000 feet of shoreline at the junction of the St. Lucie River and the Intracoastal Waterway. Shoreline protection design alternatives, included combinations of bulkheads, stone sills, revetments, boardwalks, and native wetland plantings. While the primary goal of the project is to prevent further erosion along the county's waterfront park property, the project is also designed to incorporate structures with a natural appearance that will provide picturesque views and enhance the environment. Project was presented at the FSBPA Conference in February 2006.

Residential Canal Dredging, City of Tampa, FL – Assisted in developing Environmental Impact Documents for proposed residential canal dredging project. Work was contracted by the City of Tampa as part of a water quality improvement program requiring documentation of environmental impacts to various species of sub-aquatic vegetation and mangroves within the canals. Assessment of disposal options included filling historical dredge holes, potentially yielding additional substrate for seagrass and improved water quality.

Manatee Pocket Dredging Project, Martin County, FL – Assisted with feasibility analysis of dredging over five miles of residential canals in the Treasure Beach subdivision. Analysis included an estimate of the amount of dredged material, a comparison of dredging methods, a summary of permitting requirements, an assessment of funding opportunities and mechanisms, an opinion of cost, and recommendations.

Indian River County Beach Nourishment and Mitigation Project, Indian River County, FL – Assisted with development of plans and specifications for mitigation of approximately 4 acres

key projects

John C. Duchock, P.E.

of covered hardbottom with over 5 acres of limerock artificial reef. Performed engineering design calculations to determine stable rock size, geometry of artificial reef units, and total project tonnage for bidding purposes. Attended pre-bid meetings with contractors and county representatives. Also performed construction management services.

Bathtub Beach, Martin County, FL – Assisted County Managers emergency truck haul operation associated with storm-induced dune breach. Truck haul placed up to 30,000 cubic yards of sand as a dune to protect upland infrastructure. Completed physical monitoring analyses and reporting required by permit for nourishment project. Project is in its second year of monitoring.

Juno Beach, Palm Beach County, FL – Completed physical monitoring analyses and reporting required by permit for 2010 nourishment project constructed by Palm Beach County. Analyses included evaluations of hardbottom exposure, shoreline position changes, and beach project performance (surveyed volumetric changes versus predicted changes).

Post- Hurricane Frances Damage Assessment, Martin County, FL – Performed field inspections of bulkheads, boat ramps, and fixed/floating piers at two waterfront parks within the Martin County Parks system. Cataloged and compiled list of structural deficiencies with recommendations for rehabilitation and replacement along with estimated costs.

Smith Island Shoreline Protection, Chesapeake Bay, VA – Performed engineering design and developed plans and specifications for construction of approximately 2,500 feet of cantilevered vinyl sheetpile bulkhead and over 2,000 feet of stone still to protect island shoreline from erosion and flooding. Participated in workshops and progress review meetings with the USACE, contractors, and local residents.

Bluff Point, Northumberland County, VA – Project engineer and point of contact for private property investment with significant shoreline erosion issues. Performed comprehensive feasibility study to evaluate alternatives based on regulatory, engineering, economic, logistical and other criteria. Key issues related to local subsidence and relative sea level rise were incorporated into the evaluations,

along with complete summaries of historical storm impacts and assessments of acceptable risk in design.

Rudee Inlet Management Plan, Virginia Beach, VA – Co-authored inlet management plan and assisted with development of structural rehabilitation and improvements to stone jetties and timber weir groin structure. Work included developing plans and specifications for structures, incorporating proposed improvements such as the addition of a boardwalk on top of an existing stone jetty.

UVA Environmental Research Pier, Oyster, VA – Performed engineering design and developed plans and specifications for a fixed timber pier structure. Participated in construction management services, including responding to contractor questions and attending scheduled site visits and progress meetings.

FEMA Floodplain and Coastal Hazard Mapping: Worked as a coastal engineer on the FEMA Region 4 Floodplain and coastal hazard mapping updates program. Revised Flood Insurance Rate Maps and reviewed submissions by property owners requesting map revisions (LOMR, LOMR-F, LOMA).

Washington Marina, Washington D.C. – Assisted with development of plans and specifications to remove an existing fixed timber pier structure and replace with a pre-fabricated 100-slip floating dock system.

Federal Navigation Channel, James River, VA – Participated in riverine studies to investigate bottom sediment distribution, current patterns, total suspended sediment concentrations, salinity, and bathymetric changes. Data was analyzed and reports submitted to the USACE. Reports included recommendations for dredging, channel alignment and overall management strategies for the 90 miles of federal navigation channel from Hampton Roads to Richmond. Tasks included design and construction documents for construction of upland placement facilities to dewater dredge materials. Dikes and weirs were configured to optimized decantation and water quality in accordance with VA DEQ requirements. Pilot studies designed to research avoidance of dredge operations by migratory fish species during spawning were also

key projects

John C. Duchock, P.E.

performed working with members of the USACE Hydraulics Laboratory in Vicksburg, MS.

SaltAire Development, Mobile, AL – Project engineer and manager for feasibility studies of new marina development associated with a master-planned community on Mobile Bay. Feasibility works included site assessment, marina engineering feasibility studies, marina market evaluation, and marina master planning efforts. Additionally, order-of-magnitude construction cost estimates were performed based on alternative drawing concepts and regulatory challenges were identified.

INTERNATIONAL EXPERIENCE:

Shangchuan Islands, China – Project engineer involved in site evaluation and master planning efforts for public private partnership project. Assisted with engineering assessments, navigation access evaluation, master plan development, and other feasibility and planning tasks for large-scale, multi-resort development including 3 major marinas with over 1,000 slips at various locations on the 14,300 hectare island. Developed commercial marine facilities concepts for waterborne transport of guests, workers, and materials/equipment. Incorporated potential cruise ship terminal into master plan for future consideration. Worked directly with local Government officials while in China to procure information during open group working sessions.

Holbox Marina and Coastal Studies, Mexico – Project Manager for large-scale master planned multi-resort development encompassing over 4,000 hectares of property on an island just off the northern tip of the Yucatan Peninsula. Services rendered included site assessment and feasibility studies for marina and coastal engineering (shoreline and flooding) issues, as well as marina market evaluations, master planning efforts for a 500 slip +/- marina facility, layout and support studies for new port facilities designed to provide construction and operations support for the entire development, and waterborne transportation analyses. Project is ongoing and is entering the zoning and permitting stages.

South Ocean Development, Bahamas – Assisted with overall project feasibility study for a proposed resort facility on New Providence Island (Nassau).

Work included field studies to assess coastal conditions, as well as terrestrial and ecological resources. Additional efforts included an assessment of a proposed marina, with preliminary engineering recommendations on siting, access and protection from wave attack. Performed marina market study to evaluate the potential success of the proposed marina facility, as well as to make recommendations on marina sizing, slip mix, required utilities, fee rate structures, and supporting marina service needs.

Royal Island, Bahamas – Project engineer responsible for design of marina embarkation facility, including site rehabilitation and improvements, wave attenuation structures, docks/piers, electrical requirements, and a public boat ramp.

Bimini Inlet Navigation Channel, Bimini, Bahamas – Project engineer responsible for re-establishing safe navigation access into Bimini through analyses of channel excavation (dredging) and structural alternatives. Developed environmental documentation and plans and specifications to excavate 250,000 cy of sand and rock for use as shoreline protection and beach enhancement with ancillary retaining structures incorporated to improve beach performance. Close coordination and meetings required to obtain approval from various entities of the Government. Performed site inspections for quality assurance.

Beef Island Resort Development, BVI – Project Engineer/Manager responsible for managing multifaceted consulting services related to a 5-star resort development. Work included conceptual design of marina and beach enhancements, market study of proposed marina, development of Environmental Impact Assessment documentation, and intensive client and government coordination. Represented client as member of environmental committee responsible for assessing project impacts and mitigation programs. Managed day to day activities of project, solicited and executed subcontracts, developed written proposals, and maintained billings/invoices.

Chub Cay Waterfront Development, Bahamas – Provided engineering design and construction management services for resort shoreline stabilization. Structures included reinforced concrete seawall, cantilevered steel bulkhead and

key projects

John C. Duchock, P.E.

riprap revetment. Performed construction review and approval of contractor's proposed changes.

Ariel Sands Resort Environmental Impact Study, Bermuda – Assisted in performing site inspection, including terrestrial and marine resource assessments for redevelopment of a small resort. Developed and submitted EIS outlining project rehabilitation plans and obtained development approval for Owner. Subsequently updated the EIS documentation to reflect changes made to the master plan by the developer.

Whale Cay Feasibility Study, Bahamas – Project Manager and field engineer for engineering and environmental feasibility studies for a 150-slip marina in the Berry Islands. Led team of five environmental scientists and engineers in week long field effort targeted at characterizing local coastal conditions, as well as mapping of terrestrial and marine ecologies. Field work led to the development of an EIA for the marina and included a hydrodynamic flushing analysis to model potential water quality issues related to an enclosed basin. Additional efforts include obtaining environmental approvals and performing marina market and design work, including excavation of an estimated 800,000 cy of material for creation of an interior marina basin.

True East Development, Grand Bahama Island – Project Manager responsible for shepherding Environmental Impact Assessments through the environmental review process in the Bahamas, resulting in an approval by the review authority (BEST Commission). Developed a comprehensive Environmental Management Plan for the development, coordinating all efforts between the project team and the BEST Commission. Planning for coral relocation and other mitigation programs completed under direct oversight.

Old Bahama Bay, Grand Bahama Island – Engineer responsible for the design of several alternative navigation barriers to be installed within a non-navigable flushing canal.

Crab Cay Development, Great Exuma, Bahamas – Developed Environmental Management Plans for dredging (240,000 cy) of marina basin and planned beneficial use of dredged material for beach enhancement and selected upland fill. Assisted developer with implementation and installation of

turbidity containment measures and monitoring systems. Served as point of contact for Government environmental commission inquiries. Additional work included expansion of marina excavation and obtaining government permits and sea bed leases for expanded area.

Bimini Bay Resort and Casino, Bimini, Bahamas – Worked closely with the developer and the Bahamas Government to develop a detailed environmental assessment and provide site-specific recommendations for establishing a program to carefully contain and monitor turbidity during excavation operations. Program included defining monitoring techniques, procedures for safe operations, and operational limits that would ensure minimal environmental impacts. Performed hands-on training of contractor personnel and assistance with selection, purchase and installation of environmental controls such as floating turbidity curtains were required.

La Guaira, Venezuela – Performed due diligence engineering feasibility studies for a potential marina acquisition. Work included a site assessment, evaluations of local marina facilities/market as well as research and review of local property records and oceanographic/coastal sedimentation conditions. Conceptual development scenarios were proposed by ATM along with associated costs to help the potential investor understand the level of capital expenditure (initial) and maintenance requirements of the property conversion from undeveloped land into a new marina.

MARINA MARKET EVALUATIONS:

- Royal Island, Bahamas
- South Ocean, New Providence Island, Bahamas
- Cat Island, Bahamas
- West Caicos, Turks & Caicos
- Salt Cay, Turks & Caicos
- SaltAire, Mobile, Alabama, USA
- Beef Island, British Virgin Islands
- Christiansted, St. Croix, US Virgin Islands
- Holbox Island, Mexico
- Puerto Cancun, Mexico
- La Guaira, Venezuela
- Playa Secreta, El Salvador

REC'D

MAY 14 2012

FLORIDA INLAND
NAVIGATION DISTRICT

May 11, 2012

Martin County Engineering Department
2401 SE Monterey Road
Stuart, FL 34996

Re: Assistant Executive Director

Dear Hiring Manager,

I enclose my resume in response to your announcement for an Assistant Executive Director at the Florida Inland Navigation District.

I am especially interested in this position for several reasons. First, I have over 25 years of experience in designing and managing government and public affairs projects, campaigns, products and activities associated with the environmental and water resources field. Second, my current position has enabled me to work effectively with government officials and form strong relationships with other Federal, State, local and community groups within Florida and along the Treasure Coast. Finally, I have lived and boated in Martin County for over 33 years and enjoyed traveling and recreating on the outstanding waterways along Florida's East Coast.

I would appreciate an opportunity to meet with you to discuss how my experience might best relate to your needs. My combined project management and community relations approach may be of special interest to you since it has resulted in some innovative approaches to community action.

I understand the delicate balance within Special Districts and the struggle that they go through to achieve it. I believe that I can assist staff in efforts to bring the future plans of the Florida Inland Navigation District to fruition. I am very interested in moving forward with my career and would be honored to have the opportunity of interviewing for this position.

I look forward to learning more about the Assistant Executive Director position and sharing some of my experiences with you.

Sincerely,



Kathryn LaMartina, PMP
3109 SE Glasgow Dr.
Stuart, FL 34997
(772) 288-2422
klamart@sfwmd.gov

SUMMARY

Project Manager with over 25 years of experience in designing and managing government and public affairs projects, campaigns, products and activities associated with the environmental and water resources field. Currently managing 26 contracts totaling over \$46M in construction and research throughout Martin and St. Lucie counties. Manages the St. Lucie River Issues Team and Indian River Lagoon License Plate Programs, Regional Intergovernmental Liaison and Water Resource Education Specialist representing the South Florida Water Management District in the Treasure Coast. Areas of specialization include project management, contract and grant administration, construction plan review, field inspection, field studies and documentation for water resource projects. Has thorough knowledge of demonstrated skills in applying governmental relations, public relations and communications principles; understanding of public perception and opinion. Has advanced knowledge and understanding of South Florida hydrology, ecology and water management concepts. Expertise includes:

- Project Management – Certified PMP
- Surface Water Management Planning & Design
- Environmental Impact Reports and Permitting
- Emergency Operations Incident Command System
- Contract & Grant Administration
- Consensus - building
- Conflict identification and resolution
- Negotiation
- Problem solving and Team building
- Business Performance Management
- SAP Project Systems

PROFESSIONAL EXPERIENCE

SOUTH FLORIDA WATER MANAGEMENT DISTRICT, Stuart, FL

1998 - Present

Project Manager

Oversees the project delivery process by managing projects or specific areas of a project all of which support one of the District strategic programs.

- Technical competence through a comprehensive and consistent application of Project Management concepts and methods incorporating scope, time, cost, quality, human resources, communication, risk, procurement and integration management skills.
- Technical competence of industry and discipline trends and developments.

Program Manager

Performs work to design, promote and administer government plans and programs affecting water resources, water use and water supply planning. Conducts public meetings, confers with government, social scientists, developers, the public, and special interest groups to formulate, develop and implement programs. Determines the effects of regulatory limitations on projects.

- Extensive knowledge and technical competence in urban, regional and/or environmental planning.
- Excellent presentation, verbal/written communications skills, and strong analytical and problem solving skills. Solid report writing skills.

Senior Intergovernmental Specialist

Serves as the agency's local representative for utilities, county and municipal governments, appointed officials and business and community leaders. Responsible for coordinating and implementing the agency's intergovernmental strategies for the execution of District operational and strategic priorities and to address local water resource issues.

- Comprehensive knowledge of local water resources issues, legislative processes, the State of Florida's water resources management laws and procedures and the District's short and long term strategies for regional water resources management, flood control and environmental restoration. Creates positive intergovernmental relationships, and successfully interacts on highly complex issues, priorities and projects.

- Strong knowledge of the District's strategies, priorities and business operations as well as the priorities of public, private and community groups to effectively manage relationships resolve conflicts and implement change.

Major Projects:

St. Lucie River Issues Team – Program manager responsible for administering legislative and SFWMD funds to local and regional governments for projects benefiting the St. Lucie Estuary and/or Indian River Lagoon. Develop and coordinate the grant process, primary contact for grant and contract needs.

District-wide Minimum Flows and Levels Program – Program manager responsible for developing and updating the MFL priority water body list and schedule. Develop and update timeline for the MFL process. Track progress and milestones of the MFL process. Coordinate technical and policy considerations within the MFL process. Coordinate public workshops and presentations. Coordinate with the Technical Manager on development of Recovery and Prevention Strategies. Coordinate integration of the MFL criteria and the Recovery and Prevention Strategy into the regional water supply plans. Initiate rule development following Governing Board approval.

Lake Worth Lagoon Project Management – Project manager responsible for the review of scopes of work, proposals, and deliverables in support of contract development for this project. Maintain communications with other agencies and local governments involved in other related efforts. Prepare technical documents in support of water supply plans, SWIM plans and basin plans

Indian River Lagoon License Plate Program – Program manager responsible for administering funds generated from the sales of license plates supporting habitat restoration, water quality improvement and associated education projects in Martin, St. Lucie and Palm Beach counties.

Senior Intergovernmental Representative – Responsible for establishing and maintaining relationships and cooperative partnerships with key external individuals and groups. Identifies, manages, communicates and recommends resolution of complex water resource-related issues. Acts on behalf of the SFWMD at intergovernmental and public meetings. Serves in an advisory capacity to office director, executive-level staff and Governing Board members in areas of expertise.

Lower East Coast Regional Water Supply Plan – Responsible for coordinating District planning activities with appropriate federal, state and local agencies through the LECRWSP Advisory Committee. Review water resource aspects of local government comprehensive plans and plan amendments. Manage the Saltwater Monitoring contract recommended by this planning effort.

BERRY & CALVIN, E.A.P. INC., West Palm Beach, FL

1994 - 1998

Water Resource Manager

Responsible for all environmental assessment and water management planning/design, as well as, all Federal, State and locally required Environmental Resource Permits.

Major Projects:

Permit Review for South Broward Drainage District – Responsible for reviewing construction plans and calculations to determine consistency with SBDD's regulations, standards and Comprehensive plan; formulating questions requesting additional information or clarification of design; meeting review time frames and coordinating with the applicant and his engineer.

Environmental Assessments for FPL – Responsible for on-site environmental and water management analysis at several sites to determine the need for permits in accordance with the construction of electrical transmission facilities.

ATM, INC., West Palm Beach, FL

1991 - 1994

Project Manager

Responsible for all environmental assessment and water management planning/design, as well as, all Federal, State and locally required Environmental Resource Permits.

Major Projects:

East County Water Control District – Responsible for District permit review, hydraulic rating, water quality data review and reporting and other engineering and environmental activities.

Greenbriar Preserve Ecological Report – Responsible for the qualitative and quantitative study of the Greenbriar Swamp to evaluate the effects of current water management practices on the ecosystem.

DNR Acquisition of Out-Parcels within the Savannas State Preserve – Responsible for developing existing federal and state criteria into a wetland matrix of species, strata, soils, and hydrology, that provided a clear understanding of the wetland/upland interface, in an effort to establish safe upland lines within the savannas and to define jurisdictional wetland boundaries of isolated wetlands found with some parcels slated for acquisition by the DNR.

GEE JENSON, E.A.P. INC., West Palm Beach, FL

1986 - 1991

Water Resource Engineer Technician

Responsible for hydrologic and hydraulic design and modeling, environmental assessments including site evaluation, feasibility studies and permitting.

Major Projects:

Water Resource Study for the Ranch Colony Area Landowners Association – Responsible for the design and coordination of hydrologic and hydraulic studies with recommendations for approximately 32,000 +/- acres, 40% of which are wetlands.

Drainage Investigation for US Hwy 1 – Responsible for a field study and written report detailing the drainage basin and existing drainage facilities associated with US Hwy 1 at the Treasure Coast Mall site.

Capron Trail Community Development District – Responsible for the environmental permitting, water management plan and design, hydraulic and infrastructure design, reservoir design and modeling, flood modeling, wetland monitoring plan and the master plan operation and maintenance manual relating to a 5600 +/- acre agriculture/residential project.

Stormwater Rehabilitation Program, City of Port St. Lucie – Responsible for gathering information, survey coordination, construction observation, storm sewer design and hydrologic modeling of neighborhood drainage improvements for 3000 +/- residential lots. The program coordinator responsible for the preparation and presentation of public meetings designed to inform area residents of the proposed drainage improvement.

OTHER RELEVANT EXPERIENCE

- **South Fork High School**, Stuart, FL, *Teacher*
- **South Florida Water Management District**, West Palm Beach, FL, *Water Chemist*

EDUCATION

B.S., Environmental Technology, Florida Institute of Technology, Jensen Beach, FL

PROFESSIONAL CERTIFICATIONS

Project Management Professional (PMP)

PROFESSIONAL DEVELOPMENT

- Leadership Martin County Graduate, Class of 1991-92
- Treasure Coast Resource Conservation & Development Council – Board Member
- Indian River Lagoon Envirothon, Chair
- Florida Envirothon, Board Member
- Florida Yards and Neighborhoods, Former Board Member
- Indian River Lagoon National Estuary Program Board Member (Alternate)
- Friends of Martin County, Member
- St. Lucie County Local Mitigation Strategy Committee Member
- Martin County Emergency Operations Center Steering Committee, Member
- St. Lucie River Issues Team, Program Manager
- Treasure Coast Grants Writers Collaborative, Member
- Treasure Coast Environmental Educators Council, Member

- Science Education Initiative – Curriculum Stakeholders Team, Member
- Jensen Beach High School Environmental Technical Advisory Committee, Member
- Florida Institute of Technology, Jensen Beach Campus, Alumni President
- Florida Institute of Technology, University Alumni Board Member
- South Florida Water Management District Regulatory Peer Review Forum
- Florida Association of Environmental Professionals, Former Member

PUBLICATIONS

- St. Lucie River Issues Team Progress Report, 2009 - author
- Technical Support Documentation to Support Development of Minimum Flows for the Loxahatchee River and Estuary, 2002 – contributing author
- Technical Support Documentation to Support Development of Minimum Flows for the Caloosahatchee River and Estuary, 2001 – contributing author
- Technical Support Documentation to Support Development of Minimum Flows for the St. Lucie River and Estuary, 2001 – contributing author
- Lower East Coast Water Supply Plan 2000 – contributing author
- Greenbriar Preserve Ecological Report, 1990

JUN 30 2012

FLORIDA INLAND
NAVIGATION DISTRICT

Florida Inland Navigation District
1314 Marcinski Road
Jupiter, FL 33477-9498
June 29, 2012

Dear Sir or Madam,

I am writing in response to your vacancy announcement for Assistant Executive Director in support of the Florida Inland Navigation District. I aspire to contribute to the wide range projects and programs associated with the Florida Inland Navigation District. I value teamwork and collaboration and am drawn to your agency by my interest in challenging work, efficient governance and a chance to make significant, honorable contributions to our state's waterways. My broad work experience, in combination with lifelong interest in our state's ocean and waterways have provided me a beneficial skill set for this position. I will bring to your team a broad range of qualities, including:

- Licensed Professional Engineer in the state of Florida
- Over 4 years experience with marine infrastructure design and construction administration, including management of large scale dredge and dredge spoils management projects
- Permitting experience with Florida Department of Environmental Protection, U.S. Army Corps of Engineers, South Florida Water Management District, and various State, County, and local agencies
- Experience assuring compliance with regulation requirements, project budgeting and cost estimating, scheduling project tasks and milestones
- Familiarity assisting coordination between client and Army Corps of Engineers, FDEP, and various State, County, and local agencies
- Ability to identify process concerns as well as develop and convey solutions and results in written, oral, and graphical forms
- Ability to think analytically and solve complex problems
- Sound independent research and project management skills
- Proven organizational, communication, and internal/external customer service skills
- Capability of developing and presenting recommendations for productivity improvement
- Ability to actively manage time and to schedule and track multiple on-going assignments/projects
- Native south Floridian with lifelong interest in marine activities

I would greatly appreciate the opportunity to further discuss a position with the Florida Inland Navigation District. If you have questions or would like to schedule an interview, please contact me by phone at (561) 654-3863 or by e-mail at trevrose@bellsouth.net. Thank you for your time and consideration.

Sincerely,



Trevor Rosecrans, P.E.

Trevor R. Rosecrans, P.E.

703 SW 4th Ave, Boynton Beach, FL 33426
(561) 364-8219, trevrose@bellsouth.net

Education:

- **Florida Atlantic University.** B.S. in Civil Engineering.
(May 2008)
 - **Florida Atlantic University.** M.S. in Civil Engineering (Expected Candidate).
(May 2013)
-

Work and Project Experience:

2008-Present

Taylor Engineering, Inc. - Staff Engineer

Dania Cutoff Canal; City of Dania Beach, FL

- Construction Administrator for approximately 100,000-cubic-yard Intracoastal dredging project in Dania Beach, FL
- Administration of bi-weekly project meetings between permitting agencies, Florida Inland Navigation District, contractors, and Port Everglades authority
- Oversee dredging operations and dredged spoils area to confirm regulatory permit compliance, and responding to contractor requests for additional information
- Conduct twice weekly comprehensive site visits and inspections to ensure contractor compliance to quality control, safety requirements, environmental regulations and schedule
- Review contractor submittals and pay applications, monitor job progression

Jupiter Inlet District General Services; Town of Jupiter, FL

- Supply general engineering services to meet the needs of the Jupiter Inlet District in its management and coordination of Jupiter Inlet and Loxahatchee River projects
- Provide permitting services between client and Florida Department of Environmental Protection, U.S. Army Corps of Engineers, and United States Coast Guard
- Provide construction administration, and coordination of the Jupiter Inlet jetties, Jupiter Inlet Sand Trap Maintenance Dredging and subsequent Beach Nourishment, Loxahatchee River Main Channel Maintenance Dredging, Loxahatchee River South Channel Maintenance Dredging
- Assist in permitting, construction administration, and maintenance activities associated with the district's dredged material management area

Manatee Pocket Channel Dredging; Martin County, FL

- Oversee dredging operations and dredged spoils area to confirm regulatory permit compliance, and responding to contractor requests for additional information
- Conduct twice weekly comprehensive site visits and inspections to ensure contractor compliance to quality control, safety requirements, environmental regulations and schedule

City of West Palm Beach Waterfront Commons, West Palm Beach, FL

- Provide construction administration and supervision during construction of floating docks for city's downtown rehabilitation plan
- Conduct twice weekly comprehensive site visits and inspections to ensure contractor compliance to quality control, safety requirements, environmental regulations and schedule
- Review contractor submittals and pay applications, monitor job progression
- Coordinate with contractor and subcontractors, conducting bi-weekly progress meetings, and managing submittal registry
- Provide daily interaction and coordination of design and construction matters between city's design team and construction manager at risk

Lantana Park Emergency Seawall Installation, Town of Lantana, FL

- Perform construction administration and supervision throughout construction of \$1.5 million dollar construction project
- Perform daily site visits and detailed inspections to ensure contractor compliance to construction plans, safety requirements, quality control plans, environmental regulations and schedule
- Provide daily interaction and coordination of design and construction activities between design team and contractors

FEMA Flood Insurance Study, Hendry and Volusia counties, FL

- Perform detailed hydrologic modeling (HEC-HMS) and hydraulic modeling (HEC-RAS) to establish 10-, 50-, 100-, and 500-year flood hazards
- Applied GIS software to generate hydrologic parameters based on land use and soil characteristics, geo-reference channel and structure surveys, delineate basins and stream centerlines, and complete detailed hydrologic and hydraulic models

SFWMD Canal Conveyance Capacity Program, Various Counties, FL

- Identify deficient segments of SFWMD levees and canals
- Recommended corrective actions to improve or restore the canal system to its design capacity.
- Characterize the conditions at each project bulkhead, culvert, bridge, dock, seawall, ramp, bank, or other in-stream structure or obstruction, including assessing the impacts on conveyance capacity of the canal
- Provide detailed construction cost estimation totaling more than 130 million dollars using RS Means construction cost information sources.

2007-2008

Keshavarz & Associates, Inc. - Project Designer

Hydrologic Engineering, West Palm Beach, FL

- Design and draft water, sewer and stormwater networks throughout Palm Beach County
- Analyze and design complex hydrologic projects in accordance with proper regulating agencies and current best management practices

2000-2007

Sprint/Nextel Communications - Field Engineer

Engineering and Operations, Palm Beach County, FL

- Design and supervise team of 8 responsible for installation and maintenance of wireless communications systems
- Responsible for all 150+ cellular sites in Palm Beach County, FL

Software Experience:

- AutoCAD (Civil, Land Development Desktop)
 - ArcView (GIS) and extensions
 - Suite of USACE Hydrologic Engineering Center (HEC) programs including HEC-RAS, HEC-HMS, HEC-GeoRas, HEC-GeoHMS
 - Surface Water Modeling System (SMS)
 - Storm Water Management Model (SWMM)
 - Microsoft Office Suite (Word, Excel, PowerPoint, Outlook, Project, Access)
-

Affiliations:

- Tau Beta Pi - National Engineering Honor Society
- American Society of Civil Engineers (ASCE)
- Engineers Without Borders (EWB-USA)
- Florida Engineering Society (FES)
- National Society of Professional Engineers (NSPE)
- American Water resources Association (AWRA)

Janet Zimmerman
809 Pine Valley Place
St. Augustine, FL 32086
(904) 501-2246

REC'D *K*

JUN 27 2012

FLORIDA INLAND
NAVIGATION DISTRICT

June 22, 2012

Dear Mr. Mark Crosley:

I am writing to express my interest in the Assistant Executive Director position. I have attached my resume and application for your consideration. My varied professional background along with my extensive knowledge of coastal management and managerial experience makes me an ideal candidate for the position.

The past 11 years working as Assistant Manager/Education Coordinator at Guana Tolomato Matanzas National Estuarine Research Reserve (GTM NERR) has provided me with the experience, skills and knowledge needed to work with a board, manage grants and multiple projects, and handle the day to day operations of a department. I have a strong ability to plan, prioritize and manage complex projects, and exceptional meeting planning skills. Through my experience with DEP's Aquatic Preserves I am familiar with the Spoil Island Enhancement and Restoration Program and permitting.

One of my greatest strengths is my ability to build relationships within and outside of an organization. During my years at the GTM NERR, I built many partnerships and strong community support for the program as demonstrated by my work with partner agencies on our Management Advisory board, the Estuarine Reserves Division of NOAA, the Friends of the GTM Reserve (501c3) and the local community.

Much of my 16 years of job experience has been in the coastal management field and the tools and techniques I have learned from my past positions apply directly to the skills you seek for this position. As Education and Outreach Coordinator at the Georgia Division of Coastal Resources I was successful in writing and managing a U.S. EPA Wetlands Protection State Development grant to build and launch the Coastal Ark as a mobile platform to deliver information and training to the coastal decision makers of Coastal Georgia. I have extensive experience developing and implementing comprehensive coastal resources related education and outreach programs for a "K through gray" audience as well as managing relationships with the press. I have reviewed and scored coastal management grant applications in cooperation with Florida's CZ program. During my time at GTM NERR I have been responsible for hiring, training, and supervising staff, volunteers and interns in research, land management and education departments. I come to you with good supervisory skills, a team attitude, sound judgment, initiative, ability to travel and excellent communication skills.

In summary, I know how to operate a boat, enjoying any chance to spend time on the water, boating, fishing or kayaking. I am not afraid of hard work and thrive on new challenges. My experience with GA Coastal Management Program and the GTM NERR has prepared me well for the challenge of this position with FIND. Given the opportunity I would be pleased to meet with you and further discuss my qualifications. Thank you for your consideration.

Sincerely,

Janet Zimmerman



Janet Zimmerman
809 Pine Valley Place
St. Augustine, FL 32086
(904) 501-2246
Nyzimm@yahoo.com

PROFESSIONAL EXPERIENCE

Assistant Manager

June 2008 – present

Florida Department of Environmental Protection, GTM National Estuarine Research Reserve

Supervise 5 departments: Research, Education, Resource Management, Volunteer and Coastal Training programs to include 5 direct reports and 25 staff.

- Responsible for the day to day management, supervision, training and hiring of staff, budgeting, and purchasing. Establish annual work plans and track performance measures.
- Compile program team reports, prepare agendas, meeting minutes and reports for quarterly meetings of the GTMNERR Management Advisory Group, write and track annual NOAA Operations grant and semiannual progress reports.
- Serves as the liaison representing GTMNERR interests at national, regional and local meetings and functions. Serve as GTM political liaison and liaison to the Friends of the GTM Reserve (501C3).
- Assumes the role of acting manager in the absence of the Regional Administrator and is the CAMA East Coast regional HR/timekeeper.
- Responsible for community outreach and public information requests to include: preparing and distributing a newsletter, responding to phone calls /emails, providing overview presentations and press releases.
- Organized GTMNERR's hosting of the 2011 National Estuarine Reserves Annual meeting of all 28 research reserve in Ponte Vedra Beach FL.

Education Coordinator

February 2001 – June 2008

Florida Department of Environmental Protection, GTM National Estuarine Research Reserve

Responsible for the development and implementation of the GTMNERR education and volunteer programs to enhance understanding and appreciation of estuarine and coastal resources.

- Established and oversaw the GTMNERR Education Program. Expanded education program from a staff of 1 (myself) in 2001 to 5 education staff in 2008.
- Responsible for the day to day management, supervision, coordination, and administration of GTM Education Program and Volunteer Program of 150+ active volunteers. Volunteers assisted with all aspects of Reserve operations.
- Prepared education program work plans, budget, purchasing, employee evaluations, policies and procedures, grants and progress reports.
- Consulted in the construction of the 21,000 sq ft GTM Environmental Education Center which included conceptualizing and writing text for exhibits for the Center.
- Produced brochures, posters, press releases, newsletters and magazine articles.
- Served as a liaison for the GTMNERR with NOAA and partner agencies, Friends of the GTM Reserve, the press and other organizations.
- Participated in the writing of the GTMNERR Management Plan and the translation of science into products for the press and general public.

- Member of the Town of Marineland's Remarkable Coastal Place committee responsible to writing the town's comprehensive plan and LDRs. Additionally, appointed to Flagler County Futures Committee to assist in the rewriting County's Comprehensive Plan.

Coastal Management Outreach and Education Coordinator July 1997 – November 2000
Georgia Department of Natural Resources, Coastal Resources Division (CRD)

Fully responsible for the Division's outreach and education programs.

- Created the Divisions 30 foot mobile education vehicle to bring information to elected officials – "The Coastal Ark".
- Developed, implemented and coordinated project activities and policies for the Coastal Ark, the mobile environmental education platform. Scheduled all programs and speaking engagements.
- Organized, developed, implemented and evaluated education programs, materials and curricula for local government officials, schools, organizations and the general public.
- Provided consultation, technical and resource support to staff, educators and the public.
- Wrote and managed grant applications. Completed grant deliverables ahead of schedule and under budget.
- Prepared written reports, press releases, brochures, newsletters and other promotional items to market the Georgia Coastal Management Program and the Coastal Ark.
- Contributed to the development and implementation of the Georgia Coastal Management Program and its Coastal Incentive Grants.
- Acted as liaison between CRD and federal, state, regional and local government officials.
- Participated in staff rotation of "Biologist on call" to respond to sick/injured sea turtles.

Marine Biologist July 1996 – July 1997
Georgia Department of Natural Resources, Coastal Resources Division (CRD)

Assisted with the landcover classification project for the Altamaha River watershed using remote sensing, photointerpretation and field study in partnership with The Nature Conservancy.

- Coordinated EPA Wetlands grant and administrative activities.
- Acquired and entered data into manual and GIS files and compiled and synthesized information for high priority wetlands.
- Produced landowner reports and maps documenting results from field inventory, ecologically and biologically significant wetland survey, management considerations and conservation measures.
- Acted as DNR/CRD public relations liaison and outreach staff.

EDUCATION

University of Rhode Island, Kingston, RI, Masters in Marine Policy (all but thesis), 1995
 Eckerd College, St. Petersburg, FL, BA Environmental Studies, 1993

AWARDS

2007 Coastal America Partnership Award for the Learning in Florida's Environment program.
 1999 Vice Presidential Hammer Award by Vice President Al Gore's National Partnership for Reinventing Government for work with the Ocean Planning Information System project