



Professional Landscape Architectural /  
Engineering / Architectural /  
Land Surveyor Services for

## Truman Waterfront Upland Design and Construction Administration

June 29, 2011

formerly  
**PBS**



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June 29, 2011

City Clerk  
City of Key West  
525 Angela Street  
Key West, Florida 33040

**RE: Request for Qualifications No. 11-004 – Professional Landscape Architectural/Engineering/  
Architectural/Land Surveyor Services for Truman Waterfront Upland Design and  
Construction Administration**

Dear Selection Committee Members:

The time has arrived! We know how much your City and the Local Redevelopment Agency want to realize the vision for the Truman Waterfront, first conceived in the mid-1990s. While many folks have since come and gone, much remains the same; the delightfully idiosyncratic character of the Conch Republic, and the incredible potential of the Truman Waterfront. As a member of the '96-'97 community planning team, I had the opportunity to work closely with interested groups and citizens, and have followed the project ever since. Today the City needs a consultant with world-class waterfront design experience, a deep understanding of parks planning and operations, and intimate local knowledge and sensitivity. Our Atkins team has all these attributes.

**World-class waterfront design.** Before becoming Atkins earlier this year, PBS&J was established as one of the pioneering firms in port and waterfront design and engineering. I also led several urban waterfront designs combining multiple maritime uses and integrating public access and parks, particularly in smaller cities and towns. This Atkins team has improved the quality of life in Clearwater, Florida, with a \$16.5 million, half-mile beachside linear park, and a waterfront park and related piers and moorings in historic Old Town, Alexandria, Virginia. Our global portfolio of waterfronts, marinas, and mixed-use urban designs is unmatched, and those same Atkins professionals are available to our team as-needed throughout the process.

**Parks and planning depth.** Our deputy project manager, Kristin Caborn, CPRP, FCP, is a former parks and recreation director who synthesizes design, operations, public safety, and communications. Her in-house staff of talented landscape architects and planners has created signature parks throughout the state, and will be augmented in parks operations planning by our subconsultant, GreenPlay LLC.

**Local resources and sensitivity.** With local architect William (Bill) Horn, a fixture in the City and Monroe County, we have more than 25 years of experience helping to shape the design vernacular and preserve the historic character of Key West. Bill's role as our team's lead architect is critical to ensuring the appropriateness of our solutions. Our understanding of local permitting, stormwater management, and utilities is further enhanced by Meridian Engineering's Richard Milelli.

All of these resources will be marshaled from the north end of "the 305" (Miami) by our highly skilled young project manager, Victor Herrera, a civil engineer with direct relevant experience and a calming presence in staff meetings and public interaction.

We appreciate your time and consideration and are enthusiastic about the opportunity to help Key West maximize for generations its most important undeveloped asset. If you have further questions, please contact me at [laurence.levis@atkinsglobal.com](mailto:laurence.levis@atkinsglobal.com) or 305.514.3383.

Sincerely,

David J. Carter, CCM  
Senior Vice President

Larry Levis, AIA, NCARB  
Principal-in-Charge

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# 1. Company Profile

Atkins offers the stability of a large firm that has developed strong ties with the communities in which we serve.

## Firm Overviews

### About Atkins

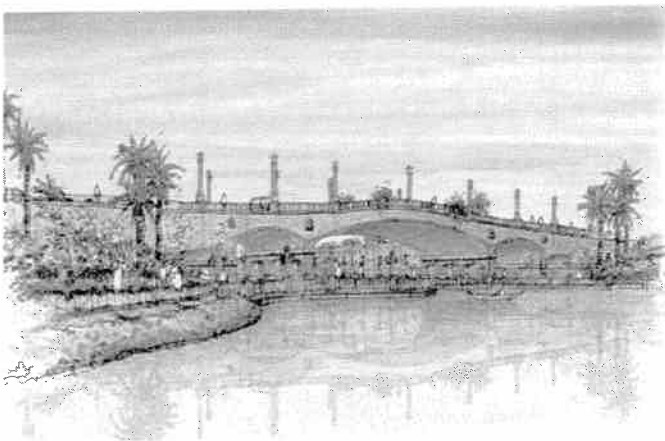
Atkins North America, Inc. (Atkins) is a leading provider of A-E consulting services, including waterfront design and marine structures, planning and landscape architecture, architecture, surveying, permitting, and construction management. With more than 3,000 employees and 80 offices nationwide, Atkins offers a tremendous depth of experience and staff capacity to meet the needs of the City of Key West's Truman Waterfront Upland Design and Construction Administration project. Atkins has worldwide, award-winning global resources with extensive experience in providing design services for waterfront and port projects including structural components, architectural design projects, and landscape architecture and park planning projects.

By developing strong technical skills and expanding its resources in emerging technologies, the company has grown and differentiated itself in a highly competitive marketplace. By combining these strong technical capabilities with a solid understanding of our clients' businesses, Atkins provides customized services that are unmatched in the industry.

PBS&J, joined Atkins on October 1, 2010, and now operates as a national business of Atkins in the United States. On April 1, 2011, PBS&J changed its name to Atkins North America, Inc. (Atkins). As Atkins ([www.atkinsglobal.com/northamerica](http://www.atkinsglobal.com/northamerica)), we will continue to provide exceptional service with the same level of technical excellence, quality, and timely responsiveness from local staff.

### Atkins' Florida offices

Atkins is a multiservice consulting engineering firm with 20 offices and more than 1,200 employees in Florida. Our Florida offices include Miami, Fort Lauderdale, West Palm Beach, Orlando, Tampa, Tallahassee, Panama City Beach, Melbourne, Chipley, Jacksonville, and Pensacola, among many others.



## Subconsultants

Atkins is pleased to partner with local firms **Meridian Engineering, LLC** for civil engineering, permitting, and public involvement; and **William P. Horn, PA** for architecture, historical preservation, permitting, and public involvement. Since both Meridian Engineering and William P. Horn reside in Key West, they have the understanding, knowledge, and experience with the local character, economy, and issues of Key West. **GreenPlay LLC** will conduct park planning operations and is familiar with the Key West area.

### About Meridian Engineering LLC

Meridian Engineering LLC (ME) is located in Key West and is a partnership between Historic Tours of America (HTA) and Richard J. Milelli, the principal engineer. ME was formed in January 2011 by these two parties to provide civil and structural engineering services to the public and private sector. Mr. Milelli has been employed by HTA for the past seven years as the principal engineer in charge of all the development projects. Over the course of the seven years, Mr. Milelli and the engineering staff have been involved in some of the largest development projects in the lower keys. ME specializes in designing and permitting site infrastructure such as potable water, sanitary sewer, stormwater management, sidewalks, roads, and erosion control. In addition, ME staff has worked with the local service providers like Keys Energy Services, AT&T, Comcast, and the Florida Keys Aqueduct Authority.

### About William P. Horn, PA

William P. Horn Architect, PA, is a Key West/Monroe County based architectural firm that has been in the business since 1993. The firm is now one of most experienced architectural firms in Monroe County and has successfully completed hundreds of commercial and residential projects throughout Monroe County. William P. Horn, Architect PA provides full services for their clients, from initial site and design studies to final construction documents and specifications, bidding, and construction administration. The firm provides architectural services for a variety of project types, from government work to developer projects to custom residential projects.

### About GreenPlay LLC

GreenPlay LLC operates as a consortium of experts to provide management and consulting services for park, recreation, open space, and related quality of life agencies. They serve as a resource for agencies by organizing teams that are responsive, experienced in the field, and who understand the needs of individual communities. GreenPlay works nationwide with nine full-time employees and over 30 technical consortium affiliates and subconsultants to complete projects for large and small agencies throughout the nation. GreenPlay has successfully completed over 200 projects, working with local, state, and national government agencies, as well as with private sector organizations.

## 2. Team Members

Contracts are signed by companies, but it is the people—or more specifically, the people comprising the project team—who ultimately determine the outcome of any project.

### Project Team Overview

Atkins is dedicated to acquiring and retaining the best technical experts in the field, spanning the entire range of consulting services. This team is comprised of highly qualified professionals with academic backgrounds and experience in engineering, landscape architecture, architecture, park planning and design, environmental sciences, urban design, marine structures, and cost and schedule controls. Our team brings the following strengths to the City of Key West:

**History.** Our principal-in-charge, Larry Levis, AIA, was part of the original community planning process for Truman Waterfront, working closely with local interest groups and City of Key West citizens. He has also led several waterfront designs combining multiple maritime uses and integrating public access and parks, particularly in smaller cities and towns.

**Insight.** Our deputy project manager, Kristin Caborn, CPRP, FCP, is a former municipal Parks and Recreation Director in Florida who synthesizes design, operations, public safety, and communications seamlessly.

**Experience.** Our team's waterfront design experience includes a \$16.5-million, half-mile beachside linear park in the City of Clearwater; a waterfront park on the Potomac River in historic Old Town, Alexandria, Virginia, with related piers and moorings; and an award-winning lakefront park for the City of St. Cloud that includes a 140-slip marina, a state-of-the-art 10,000 square-foot multi-purpose facility with a 200-seat meeting room and concessions, and a waterside public plaza with a recreation/performance lawn.

**Infrastructure.** Our team's Base Realignment and Closure (BRAC) advisors are intimately familiar with military infrastructure. Atkins' planners led the transformation of historic Fort Belvoir on the Potomac River in Fairfax County, Virginia, into a state-of-the-art, world-class federal urban center of excellence. This BRAC action will add approximately 19,300 new personnel to the installation when completed later this year and encompasses over 6 million square feet of new modern facility space and over 14,000 spaces of new parking.

**Familiarity.** As both a prime and subconsultant, Atkins has provided environmental, engineering, structural evaluation, and surveying services to the City of Key West on 10 projects since 1985 (as PBS&J). For this project, we are excited to partner with two local consulting firms who bring invaluable knowledge of the City to this project (Meridian Engineering, LLC and William P. Horn, PA) and who complement our team's experience greatly.

An organizational chart is shown on the next page. For your convenience, we have highlighted the qualifications of our team members as follows.

### Personnel—Atkins

#### Larry Levis, AIA, NCARB

##### Principal-in-Charge

Mr. Levis directs Atkins' national ports and coastal services division and manages its architecture practice in south Florida. In his 27-year career, he has planned and designed award-winning waterfronts and ports-related planning and design projects and will bring this extensive experience to the City of Key West. Mr. Levis has designed state-of-the-art mixed-use port facilities and terminals that incorporate public involvement, parks integration, museums, and events spaces. As principal-in-charge for this project, Mr. Levis will directly participate in all facets of the design process and in communication with key stakeholders.

#### Victor H. Herrera, PE

##### Project Manager; Engineering Lead; Public Involvement

Mr. Herrera is our team's proposed project manager and has worked as extended staff with the Florida Department of Environmental Protection Bureau of Beaches and Coastal Systems and other public and private entities. He has specialized professional competence in parking lots, grading, earthwork, and drainage design, as well as experience in plans processing for permit approval, water and sewer design, geotechnical investigation evaluation, and interpretation of soil borings and recommendations. Mr. Herrera's experience as a staff extension with municipalities and the state of Florida provide him with the ability to clearly understand many issues from a client's perspective. Prior to returning to Miami, Mr. Herrera served as a resident engineer with the City of Tallahassee providing oversight of an emergency rehabilitation project with construction costs valued at more than \$9 million.

#### Kristin L. Caborn, CPRP, FCP

##### Deputy Project Manager; Park Planning and Operations Lead; Public Involvement

Ms. Caborn has 12 years of extensive parks and recreation management and planning experience involving managing several multimillion-dollar parks and recreation projects, and providing master plan implementation and phasing plans services for public sector clients. Ms. Caborn thoroughly understands the municipal park planning process through her experience as the Parks and Recreation Director for the City of St. Cloud, Florida, where she was actively involved in all aspects of park planning, including extensive public involvement and facilitation. Ms. Caborn also brings experience with Crime Prevention through Environmental Design (CPTED) strategies to this project, such as natural surveillance, territorial reinforcement, and natural access control.

# Organizational Chart



**Principal-in-Charge**  
Larry Levis, AIA,  
NCARB

**Quality Assurance/  
Quality Control**  
David W. Larsen, RLA  
John H. Classe, Jr., PE

**Project Manager**  
Victor H. Herrera, PE

**BRAC Advisors**  
John H. Classe, Jr., PE  
Eugene H. Yerkes, PE, AICP

**Deputy Project Manager**  
Kristin L. Caborn, CPRP, FCP

**Engineering and Design**  
Lead: Victor H. Herrera, PE

**Civil Engineering**  
James D. Crook, PE, LEED AP  
BD+C ND  
■ Richard J. Milleli, PE\*

**Special Flood Hazard Areas**  
Glenn C. Brown, Jr., PE  
William K. Johnson, PE, PLS, CFM

**Structural Engineering**  
Douglas A. Ramirez, PE  
William P. Pitcher, PE

**Architectural Design**  
Alexander Camps, AIA,  
LEED AP  
□ William P. Horn, RA, AIA,  
LEED AP\*

**Construction Oversight/  
Inspection/Cost Estimating/  
Scheduling**  
Juan M. Alfonso, Associate AIA  
Diego J. Clavijo, PMP

**Surveying**  
Roberto D. Mantecon, PLS, PSM  
Carlos M. Del Valle, PSM

**Permitting**  
■ Richard J. Milleli, PE\*  
□ William P. Horn, RA, AIA,  
LEED AP\*  
Adam Gelber

**Park Planning**  
Lead: Kristin L. Caborn, CPRP, FCP

**Operations**  
■ Teresa Penbrooke, MAOM,  
CPRP\*

**Historical Preservation/  
Resources**  
□ William P. Horn, RA, AIA,  
LEED AP\*  
Daniel T. Penton

**Landscape Architecture**  
Lead: Thomas L. Johnson, RLA,  
LEED AP

**Master Planning and Design**  
Stephen D. Whiteford

**Signage and Lighting**  
Pedro L. Trevin, PE, LEED AP, LC  
David W. Larsen, RLA

**Bicycle and Pedestrian  
Planning**  
David W. Larsen, RLA

**Sustainability**  
Vincent F. Briones, PE, LEED  
AP BD+C, CPMP

**Public Involvement**  
■ Richard J. Milleli, PE\*  
□ William P. Horn, RA, AIA,  
LEED AP\*  
Kristin L. Caborn, CPRP, FCP  
Victor H. Herrera, PE

**Defensible Space Design/  
Crime Prevention  
Through Environmental  
Design (CPTED)**  
Kristin L. Caborn, CPRP, FCP  
Jeffrey M. Jerrels, AIA,  
LEED AP BD+C

\* = Subconsultant:  
 ■ GreenPlay LLC  
 □ William P. Horn, PA  
 ■ Meridian Engineering LLC

## David W. Larsen, RLA

### Quality Assurance/Quality Control; Signage and Lighting; Bicycle and Pedestrian Planning

Mr. Larsen has 27 years of experience in land planning and landscape architecture for a diverse range and scale of public and private clients, making him an ideal candidate to provide quality assurance/quality control reviews on this project. His project experience includes alignments and theming alternatives for a waterfront riverwalk; landscape/hardscape construction for botanical gardens and museums; site planning and landscape architecture for a mixed-use office park and golf-course facilities; and development of bicycle and pedestrian trail systems for parks.

## John H. Classe, Jr., PE

### Quality Assurance/Quality Control; BRAC Advisor

Mr. Classe will provide quality assurance/quality control reviews on this project and will serve as a BRAC Advisor. He has over 27 years of experience in civil engineering and real estate development including all aspects of management and administration; planning; entitlements; design; permitting through local, state, and federal governmental agencies; and construction. Mr. Classe's BRAC experience includes the award-winning Baldwin Park, one of the nation's largest and unique in-city greenfield/redevelopment projects, formerly known as the Orlando Naval Training Center.

## Eugene H. Yerkes, PE, AICP

### BRAC Advisor

Mr. Yerkes has more than 29 years of extensive professional experience in coordinating a wide range of planning and engineering projects and special studies for many local governments, state and federal agencies, and private sector clients. He has an extensive military background and has worked with some of the largest BRAC projects to date, including Fort Belvoir, an 8,000-acre Army installation located along the Potomac River in Northern Virginia. He has been responsible for the management and technical aspects of many multidisciplinary projects, including military, land use, environmental, urban/regional, site, socioeconomic, transportation, and utility planning and engineering projects.

## Thomas L. Johnson, RLA, LEED AP

### Landscape Architecture Lead

Mr. Johnson has 18 years of professional landscape architecture experience, covering a wide range of diversity and scale with particular interest in urban design, sustainable design, park and open-space planning, theme park and attractions, hotel and resorts, master planning, and waterfront development. Over the course of his career, Mr. Johnson has

developed strong skills in the areas of graphic communication, creative problem-solving, public charettes and presentations, client consultation, project management, and construction document preparation.

## James D. Crook, PE, LEED AP

### Civil Engineering

Mr. Crook has ten years of experience with numerous site/civil engineering activities. His duties include project management and planning, site and utility layout, roadway design, stormwater management and drainage system design, sewage collection and water distribution system design, and permitting through various state and local agencies. As a LEED accredited professional, he has provided civil engineering and consulting services for multiple projects seeking sustainability certification, including the design and permitting of sustainable design elements utilizing Low Impact Development (LID) techniques.

## Glenn C. Brown, Jr., PE

### Special Flood Hazard Areas

Mr. Brown has over 33 years of civil engineering experience providing project development, management, design, permitting, and construction administration services for land development and planning projects in both the private and public sectors. His expertise includes modeling and design of stormwater management facilities, drainage design, roadway planning and design, design of water supply systems, and designs for sanitary sewer systems.

## William K. Johnson, PE, PLS, CFM

### Special Flood Hazard Areas

Mr. Johnson has more than 20 years of experience as a senior project manager and engineer providing technical support for environmental and civil engineering projects. He participates in the development of stormwater management plans and the preparation of design, permitting, and construction documents for drainage systems, land development projects, and roadway and utility improvements.

## Douglas A. Ramirez, PE

### Structural Engineering

Mr. Ramirez has more than nine years of experience in engineering, including the structural design of a wide variety of projects as well as field experience in performing assessments on hurricane damaged structures. He has worked on a variety of projects, which have been designed with structural steel, cast-in-place concrete, precast and prestressed concrete, composites, masonry, and wood.

## William P. Pitcher, PE

### Structural Engineering

Mr. Pitcher is responsible for providing engineering design services for major seaport, marine, and coastal assignments. He has more than 30 years of experience in the fields of civil and structural engineering including design, contract administration, construction inspection, and construction management. He is also responsible for the implementation and monitoring of Atkins structural quality control program for seaport, marine/coastal, and waterfront projects.

## Alexander Camps, AIA, LEED AP

### Architectural Design

Mr. Camps has more than 15 years of experience in the fields of architecture, planning, urban design, and consulting. Mr. Camps is experienced with Revit and uses rapid real-time techniques during conceptual design charrettes to streamline the decision-making process that integrates programming, functional alternatives, sustainability, value engineering, and cost-effective betterments across all design disciplines. His experience encompasses a wide range of project types including ports and terminals, transportation, higher education, educational K-12, hospitality, multi-family, municipal, federal, aviation, commercial, and facility assessments.

## Daniel T. Penton

### Historical Preservation/Resources

Mr. Penton has more than 35 years of professional experience in natural and cultural resources planning and management. He has specialty expertise in the areas of paleo-ecology/environmental archaeology, cultural resources management, Southeastern Native American cosmology/iconography, and Southeastern Native American coordination/consultation. He is a U.S. Department of Interior-Qualified Archaeologist pursuant to 36 CFR, Part 61, Appendix A.

## Stephen D. Whiteford

### Master Planning and Design

Mr. Whiteford has 30 years of experience in the design and implementation of various recreation projects. He has been responsible for a diverse range of projects involving waterfront design, resort and park design, facility planning, master planning, and design guidelines. He has provided these services on projects involving urban revitalization and infill, parks and trailways, botanical gardens, campus facilities, government facilities, and corporate parks.

## Pedro L. Trevin, PE, LEED AP, LC

### Signage and Lighting

Mr. Trevin has more than 40 years of experience providing electrical engineering services for port terminals, marinas, military facilities, parks and recreational facilities, university campuses, airports, shopping centers, rapid transit facilities, and roadways. He has frequently served as electrical project manager on assignments from state and local agencies and is knowledgeable about the diverse regulations governing design on such projects. He is also a certified uniform building code inspector (UBCI) for public educational facilities in the state of Florida.

## Juan M. Alfonso, Associate AIA

### Construction Oversight/Inspection/Cost Estimating/Scheduling

Mr. Alfonso has 14 years of scheduling, estimating, claims, and design development experience involving project controls, and software systems including Primavera, Suretrak, Surechange, Claim Digger, Microsoft Project, Microsoft Access, Microsoft Excel, AutoCAD, Acrobat Distiller, and Lotus. Mr. Alfonso has managed scheduling and estimating assignments for Miami-Dade County Public Schools (M-DCPS) construction projects totaling over \$1 billion over the last five years, and maintains a high level of client satisfaction through his leadership abilities and commitment to quality work.

## Diego J. Clavijo, PMP

### Construction Oversight/Inspection/Cost Estimating/Scheduling

Mr. Clavijo has 23 years of experience in program management, project management, scheduling, cost control, and claims. He has served as project manager on numerous contracts involving providing technical support for capital improvement programs (CIP). Mr. Clavijo has experience in, and a thorough understanding of, the processes and tools for CIPs including work program scheduling and programming, program management, project controls, project dashboard tools, funding allocation, databases integration, and web reporting. He has also participated in several construction litigation cases as an expert consultant in the field of scheduling and cost estimating.

## Roberto D. Mantecon, PLS, PSM

### Surveying

Mr. Mantecon has 33 years of extensive experience in conducting and managing boundary, geographic information systems (GIS), construction layout, geodetic control,

hydrographic, right-of-way, route, sectional, cadastral, and topographic surveys for environmental (including stormwater, mitigation, and sewer utilities), and transportation. He also has in-depth knowledge of computer-aided design (CAD) and global positioning systems (GPS) surveys. He has strong technical and communication skills, with the ability to resolve complex problems and convey solutions through multiple teams.

### **Carlos M. Del Valle, PSM**

#### **Surveying**

Mr. Del Valle has 40 years of experience in providing surveying services for public and private projects throughout Florida. His experience includes aerial photogrammetric, boundary, bathymetric, design, geodetic, hydrographic, section, and transportation-related survey work.

### **Adam Gelber**

#### **Permitting**

Mr. Gelber has 16 years of experience in the ecological and environmental field where he has worked on a wide variety of projects, ranging from wetlands and groundwater remediation to seagrass and coral reef issues. Mr. Gelber has logged over 2,500 scientific and recreational dives. His experience has included energy and communication-related environmental evaluations, formal jurisdictional reviews and wetland design and construction, environmental assessment (EA) and environmental impact statement (EIS) evaluations, water quality monitoring, seagrass restoration/mapping, and coral reef monitoring and restoration. Mr. Gelber is familiar to the City of Key West, serving as principal-in-charge on the current Smathers Beach Renourishment program.

### **Vincent F. Briones, PE, LEED AP BD+C, CPMP**

#### **Sustainability**

Mr. Briones has more than 15 years of experience in educational, industrial, aviation, hospitality, and commercial office buildings. As a leader in the rapidly growing green design services market, he brings years of hands-on experience and a broad understanding of the U.S. Green Building Council's Leadership in Energy and Environmental Design building rating system. A LEED Accredited Professional since 2002, Mr. Briones was the mechanical engineer on two of Florida's first LEED-certified buildings, and has been actively involved as an officer of the Central Florida Chapter of the US Green Building Council.

### **Jeffery M. Jerrels AIA, LEED AP BD+C**

#### **Defensible Space Design**

Mr. Jerrels has more than 23 years of managing increasingly complex projects in the design/construction industry. His defensible space experience includes several building types for military installations and transportation related toll facilities. Each military installation requires Antiterrorism Force Protection (AT/FP) design measures which create safe facilities and sites. Mr. Jerrels will be instrumental in bringing this design experience to the Truman Waterfront team.

## Personnel–Subconsultants

### Richard J. Milelli, PE

*Meridian Engineering*

#### **Civil Engineering; Permitting; Public Involvement**

Mr. Milelli is the principal engineer for Meridian Engineering LLC in Key West, Florida. Mr. Milelli has extensive experience in the design of site grading, sidewalks and accessible routes, roads, site lighting, landscaping, storm water management systems, water and sewer distribution systems, and erosion control plans. Mr. Milelli also has experience with permitting and construction coordination with federal, state, and local agencies, such as The City of Key West, Monroe County, SFWMD, Keys Energy Services, FDEP, AT&T, FDOT, and NOAA.

### William P. Horn, AIA, LEED AP

*William P. Horn, PA*

#### **Historical Preservation; Permitting; Public Involvement**

The firm's principal, William P. Horn, has been a Florida registered architect since 1990. Mr. Horn has been in Key West since 1988 and has worked on over 100 historic renovation projects within the historic district of Key West. Previous major renovation projects include the Hardrock Cafe, the old Strand Theater, the Lewinsky Building, and the Old Stone Church. Current renovations include the Southern Cross Hotel, the Hospitality House Welcome center in Mallory Square, and the former historic First National Bank. Mr. Horn is a member of the NCARB (National Council of Architecture Registration Boards), the Key West Chamber of Commerce, Sunrise Rotary Club of Key West, and was a past member of the Historic Architectural Review Commission (HARC) Board of Key West for four years and was chairman for three years.

### Teresa Penbrooke, MAOM, CPRP

*GreenPlay, LLC*

#### **Park Planning**

Ms. Penbrooke brings over 25 years of career experience and provision of planning expertise for many large and small communities, including creation of the Recreation and Wellness Plan for the United States Antarctic Program. She founded GreenPlay in 1999, and has been integral in the research, recommendations, and implementation of the innovations that GreenPlay has contributed to the field. In addition to leading projects and the firm, she teaches and researches best practices around the country. In 2008, she co-founded the non-profit organization, GP RED (Research, Education, and Development for health, land, and recreation agencies). Ms. Penbrooke is also an Official Visitor for the Commission on Accreditation for Parks and Recreation Agencies (CAPRA), and the Director of the Healthy Communities Research Group for Indiana University.

## Capacity and Availability

Atkins has more than ample resources to complete this project on time and within budget. In addition to our dedicated team of professionals, Atkins has more than 1,200 employees in Florida to support this effort, as needed. This cadre of professionals includes 10 RLAs, 275 PEs, and 17 AIAs across the state. In addition, all of Atkins' proposed in-house personnel for this project are based in Florida. Our proposed project manager, Victor Herrera, PE, and our proposed principal-in-charge, Larry Levis, AIA, NCARB, are located in Atkins' Miami office, making them easily accessible to the City of Key West for site visits, client meetings, or other face-to-face interactions.

# Resumes

## ATKINS

### Education

B.Arch., Architecture,  
University of Miami (valedictorian), 1984

### Registrations/Licenses

Registered Architect:  
Florida, 13383, 1990

### Certifications

American Institute of  
Architects (AIA)

National Council of  
Architectural Registration  
Boards (NCARB), 59239

### Professional Affiliations

American Institute of  
Architects (AIA)

American Association of Port  
Authorities (AAPA)

Association International  
Villes et Ports (AIVP)

Florida International  
University Lehman Center  
for Transportation Research  
Advisory Committee,  
Member

### Honors and Awards

University of Miami – gradu-  
ated Magna Cum Laude

University of Miami School of  
Architecture valedictorian

American Public Works  
Association 2007 Project of  
the Year – Structures \$10m-  
\$100m: Half Moore Center,  
Norfolk, Virginia

Dade Heritage Trust Old City  
Hall, Miami Beach, Florida

### Publications

Levis, Laurence and  
Chatterton, Bruce.  
"Transportation Planning:  
Yesterday and Today." *The  
Military Engineer*, Vol. 89,  
April-May 1997.

## Larry Levis, AIA, NCARB Principal-in-Charge

Mr. Levis directs Atkins' national ports and coastal services division and manages its architecture practice in south Florida. In his 27-year career, he has planned and designed award-winning waterfronts and ports-related planning and design projects and will bring this extensive experience to the City of Key West. Mr. Levis has designed state-of-the-art mixed-use port facilities and terminals that incorporate public involvement, parks integration, museums, and events spaces. As principal-in-charge for this project, Mr. Levis will directly participate in all facets of the design process and in communication with key stakeholders.

**Coral Cay Destination Resort, Bay Islands, Honduras.** Mr. Levis served as principal-in-charge for the planning and design development of a themed 17-acre destination resort and attraction, including a man-made beach with full amenities, restaurant, two bars, and retail pavilions, and a children's play area. The project incorporates an aerial ski-lift gondola connecting to the mainland.

**Mahogany Bay Destination Village, Roatan Island, Honduras (Roatan Cruise Terminal S.A. de C.V.).** Partner-in-charge for a themed destination retail village comprising 17 discrete buildings, and incorporating a multimodal center for bus/taxi/tour transfers. Coordinating a Florida and Honduras production team, Mr. Levis' design exploits the hilly topography and views afforded by the wooded site. The master planned design incorporates new utilities and infrastructure, including a wastewater treatment plant, cistern, gray-water irrigation, and pervious paving.

**Puerta Maya Shops, Cozumel, Mexico (Carnival Corp).** Project manager for this effort that included architectural, engineering, and construction administration services for an 11,000-square-meter duty-free building designed to be built on an existing pier. The building, which is currently under construction, will serve as a new entranceway to the retail village adjacent to the pier. The design approach for the building is a Mexican influenced Pueblo-style that blends into the architectural vocabulary of the surrounding areas.

**Grand Turk Welcome Center, Grand Turk Island, Turks and Caicos, BWI (Carnival Corp).** Mr. Levis is principal-in-charge on this effort to provide professional design services to the Grand Turk Cruise Center for a new, one-story welcome center facility, located on a 30,000-square-foot site. In addition, Atkins is providing professional services for design and construction documents for shell-only buildings, except for a full build-out of the public restrooms, including HVAC. The team will design a fully operational water storage cistern, coordinate the re-routing of an existing overhead power service line to underground, provide complete electrical design for the common areas, calculate electrical and HVAC loads including transformer sizing and metering, and provide adequate space for initial and future mechanical equipment. A local architect and local civil engineer will be sub-contracted to perform quality control, sign/seal of permit documents, and site/civil design services. The project will be developed in four phases: conceptual design with renderings; design development documents for local government planning review; construction documents and bidding support services; and construction administration.

**Miami Culinary Institute, Miami, Florida (Miami Dade College).** Mr. Levis served as principal-in-charge for this effort that included providing architectural and engineering design services for the Hospitality Management Building 9000. The building is situated on a demolished one-story, 4,100-square-foot support service building site that will be transformed into an eight-story culinary arts building with a wine-tasting center, plus a mechanical equipment roof level. The work will include mechanical, electrical, and plumbing (MEP) systems; conveyor systems; circulation spaces; hardscape/landscape design; new and existing support utilities; new

Larry Levis, AIA, NCARB  
Principal-in-Charge

structural components; maintenance of traffic; construction staging; signage and graphics; and full construction administration services.

Before joining Atkins, Mr. Levis' project experience included:

**Truman Waterfront BRAC Planning 1996, Key West, Florida (LRA).** Working alongside Amy Kimball and Rob Curtis when all three were at another firm, Mr. Levis led the initial physical planning for the Truman Waterfront surplus property, working with city staff and community activists through extensive public workshops. The resulting vision incorporated the needs and aspirations of the general community, its many constituent groups, and waterfront users.

**Half Moore Cruise and Celebration Center, Norfolk, Virginia (City of Norfolk).** Partner-in-charge for the design of a landmark mixed use facility on downtown Norfolk's waterfront. The award-winning \$36 million facility is part of the Nauticus Museum and is used for Events, exhibitions, conferences and cruise embarkations. Retractable walls and mobile fixtures provide spatial flexibility. A new marina creates a focal point for the waterfront. The structure is an extension of Town Pointe Park and its outdoor spaces and terraces become part of the park even when the building is not in use.

**Waterfront Master Plan, La Spezia, Italy (Royal Caribbean International).** Lead planner and architect for Royal Caribbean International's waterfront master plan proposal for the Italian port city. The 24-acre project encompasses eight city blocks on the site of a former marine and rail terminus. The design weaves the fabric of the historic city with a 21st century district for mid-rise residential, a shopping and entertainment center, a twin-berth cruise pier and adjacent ground transportation center, as well as a new piazza providing a focal point to the new urban quarter.

# Resumes

## ATKINS

### Education

B.S., Civil Engineering, Florida State University, 2004

### Registrations/Licenses

Professional Engineer:  
Florida 71164, 2010  
Alabama 30849, 2010

### Professional Affiliations

Society of Hispanic  
Professional Engineers (SHPE)

American Society of Civil  
Engineers (ASCE)

Florida Engineering Society  
(FES)

American Public Works  
Association (APWA)

### Honors and Awards

Outstanding Service to the  
Engineering Profession,  
Florida Engineering Society -  
Big Bend Chapter, 2010

Young Engineer of the Year,  
Florida Engineering Society  
(FES) – Big Bend Chapter,  
2008

Volunteer of the Year Award  
for Education, The Tallahassee  
Democrat, 2008

## Victor H. Herrera, PE

### Project Manager; Engineering/Design Lead; Public Involvement

Mr. Herrera is our team's proposed project manager and has worked as extended staff with the Florida Department of Environmental Protection Bureau of Beaches and Coastal Systems and other public and private entities. He has specialized professional competence in parking lots, grading, earthwork, and drainage design, as well as experience in plans processing for permit approval, water and sewer design, geotechnical investigation evaluation, and interpretation of soil borings and recommendations. Mr. Herrera's experience as a staff extension with municipalities and the state of Florida provide him with the ability to clearly understand many issues from a client's perspectives. Prior to returning to Miami, Mr. Herrera served as a resident engineer with the City of Tallahassee providing oversight of an emergency rehabilitation project with construction costs valued at more than \$9 million.

Mr. Herrera's current general responsibilities with Atkins include contract negotiations with clients and subcontractors; project team compliance with contract terms; monitoring subcontractor progress, performance, and compliance with contractual commitments; project quality assurance; identifying new business opportunities for the firm; project presentations to clients and other external groups; frequent contact with clients and regulatory agency personnel; and supervision of other project managers, technical professionals, and other design staff including managing weekly project workload and manpower forecasting.

His representative project experience includes:

**City of Miami Stormwater Work Program, City of Miami, Florida.** As project manager, Mr. Herrera guided the effort of developing a stormwater work program to address over 100 existing stormwater structures that were not in compliance with local regulatory criteria. Recommendations were based on engineering feasibility, schedule, and estimates of probable construction costs as well as stormwater requirements of the structure. Elements of the work included utilization of existing data provided by the City, site visits to each structure, developing alternatives that are permissible with the Florida Department of Environmental Protection (FDEP) Underground Injection Control Program and Miami Dade County Department of Environmental Resources Management (DERM), preparing preliminary construction documents and specifications, and compiling a thorough report to be used as a design criteria package for a design/build request for proposal (RFP). Proposed construction costs exceed \$4 million. Atkins has been asked by the City to remain as the Owner's Engineering Representative (OER) throughout the implementation of the program.

**Cox Neuroscience and Health Annex, University of Miami, Florida.** As project manager, Mr. Herrera helps manage the civil engineering design of site layout, drainage, and utilities for a 37,700-square-foot (sf) annex, an addition to the Cox Science Building at the Coral Gables campus that will be an interactive "hub" for researchers on the interdisciplinary research theme of brain, behavior, and health in studies requiring sophisticated image analysis. The annex will be designed and built with the goal of achieving Leadership in Energy and Environmental Design (LEED) Silver Certification. Mr. Herrera is responsible for the stormwater, sewer, and water component design of this project.

**Southern Command Headquarters, Doral, Florida.** As a civil engineer, Mr. Herrera contributed to the civil engineering design for this 55-acre, 630,000-square-foot building project for the U.S. Southern Command. The services included surveying, site layout, stormwater management, water supply, wastewater collection, permitting, and construction administration. This project includes the addition of roadway improvements to NW 33rd street (three lanes) from NW 92nd to NW 97 Avenue.

Victor H. Herrera, PE  
Project Manager; Engineering/Design Lead; Public Involvement

**Life Science Park, Zimmer Gunsul Frasca Partnership, University of Miami, Florida.** Mr. Herrera is the project manager responsible for civil engineering design for site layout, utilities, stormwater management, and permitting of a LEED-rated, 210,000-square-foot medical research facility and office development. Atkins also provided construction services.

**Miller Circle Roundabout, University of Miami, Miami, Florida.** Mr. Herrera serves as the project engineer for a four-leg, two-lane traffic circle/roundabout. His responsibilities include coordinating with the Department of Environmental Resources Management (DERM), Miami Dade County Public Works, and other permitting agencies.

**Force Main Rehabilitation, City of Tallahassee, Tallahassee, Florida.** Mr. Herrera served as resident engineer for a \$9 million project for the water resource engineering group. The project consisted of pipe bursting 8,740 linear feet of 36-inch HDPE pipe through existing Hobas pipe, beneath Florida Department of Transportation (FDOT) roadway. His responsibilities included reviewing consultant drawings; reviewing consultant specifications and verifying compliance with the City's standard specifications; processing all contract administration paperwork (invoices, change orders, etc.); construction oversight; and scheduling.

**Extended Staff Assignment, FDEP Bureau of Beaches, Locations throughout Florida.** Mr. Herrera was responsible for the following tasks:

- Reviewing and issuance of permits for construction seaward of the Coastal Construction Control Line (CCCL).
- Providing impact assessments for proposed activities and long-term effects on the beach/dune system.
- Monitoring coastal construction and related activities in five counties (Volusia, Flagler, St. Johns, Duval, and Nassau).
- Providing site inspections for existing and proposed construction sites.
- Coordinating with local, state, and federal environmental agencies, as well as project professionals in processing permits.
- Reviewing all armoring applications statewide, including seawalls, revetments, geotubes, and all other rigid coastal structures.
- Providing emergency assistance to multiple Counties following Hurricane Dennis to provide damage assessment as well as approach strategy for reconstruction.
- Coordinating with Florida Fish and Wildlife Conservation Commission, U.S. Fish and Wildlife, and the State of Florida on handling regulatory issues with the construction of rigid structures in the Panhandle.

# Resumes

## ATKINS

### Education

B.S., Recreation (Honors),  
University of Florida, 1997

M.S., Recreational Studies,  
University of Florida, 2000

### Certifications

Certified Park and Recreation  
Professional (CPRP)  
03-032-05

Florida Crime Prevention  
through Environmental  
Design (CPTED) Practitioner  
(FCP)

### Professional Affiliations

American Planning  
Association (APA), Florida  
Chapter

Florida Design Out Crime  
Association, a Crime  
Prevention Through  
Environmental Design (CPTED)  
Network

Florida Recreation and Park  
Association (FRPA)

National Recreation and Park  
Association (NRPA)

### Honorary Appointments

Florida Recreation and  
Parks Association (FRPA)  
Foundation Trustee, President  
Elect

### Kristin L. Caborn, CPRP, FCP

Deputy Project Manager; Park Planning/Operation Lead;  
Public Involvement

Ms. Caborn has 12 years of extensive parks and recreation management and planning experience involving managing several multimillion-dollar parks and recreation projects, and providing master plan implementation and phasing plans services for public sector clients. Ms. Caborn thoroughly understands the municipal park planning process through her experience as the Parks and Recreation Director for the City of St. Cloud, Florida, where she was actively involved in all aspects of park planning, including extensive public involvement and facilitation. Ms. Caborn also brings experience with Crime Prevention through Environmental Design (CPTED) strategies to this project, such as natural surveillance, territorial reinforcement, and natural access control.

Ms. Caborn's Atkins park planning and project management experience includes:

**Walk-n-Sticks Park Master Plan, Osceola County, Florida.** Atkins provided master planning services that included: two conceptual plans, a final master plan, two public meetings and a cost estimate. The park is envisioned to be an "extension of your backyard" for the neighbors who live adjacent to the property, yet serve all the residents in this densely populated area of the county. The park will take advantage of the existing topography remaining from the golf course by having an extensive trail system that meanders throughout the site and along the existing water bodies. Other site amenities will include a playground, community garden, picnic areas and shade pavilions, an exercise course, Frisbee golf course, fishing dock and open space.

**Veteran's Memorial Park Expansion, Hillsborough County, Tampa, Florida.** Atkins was commissioned to provide master planning, design, permitting, and construction document services to the Hillsborough County Parks, Recreation, and Conservation Department. Tasks included an entry feature, signage and icon, observation deck, road and trail expansion, drive-ways, and parking and service areas.

**Daughery Park Master Plan and Construction Documents, Polk County, Florida.** Atkins was selected by Polk County Leisure Services to develop a master plan, conceptual, and final design of the new 27-acre West Daughery Road park project located north of Lakeland. Master planning services consisted of the preparation of an opportunities and issues analysis, development of conceptual and consensus plans, presentations at public meetings to solicit input from the community, and cost estimates. The final master plan included soccer fields to relieve Hunt Fountain Park; pedestrian circulation including walking paths; site lighting including "green" sports lighting; a secondary entrance to service a passive park area; a picnic/passive area, open space, and playground; and parking.

**Loyce Harpe Park Senior Ballfield Complex, Polk County, Florida.** Loyce E. Harpe Park, formerly known as Carter Road Park, is an approximately 535 acre regional park owned by Polk County and located in the City of Mulberry, Florida. Atkins is providing design and environmental permitting services for an additional senior league baseball complex located on about 20 acres of reclaimed phosphate mine land. The complex will consist of three new 325-foot senior league baseball fields, a new concession building, pavilions, pedestrian circulation, and parking areas.

**Santa Rosa County District Five Parks and Recreation Master Plan, Santa Rosa County, Florida.** Park planner for this project. Atkins used its patented Three R System for this master plan for Santa Rosa County. For existing facilities already within the District Five Parks and Recreation system, Atkins reviewed the current maintenance condition and estimated future replacement timeframe to help in developing a short-term (5-year) and long-term (20-year) plan

Kristin L. Caborn, CPRP, FCP  
Deputy Project Manager; Park Planning/Operations Lead; Public Involvement

for capital improvements. Public input was obtained through focus group meetings, a public meeting, and an Atkins-developed Web-based survey.

Ms. Caborn's previous experience includes:

**Parks and Recreation Director, City of St. Cloud, St. Cloud, Florida.** Ms. Caborn served as the parks and recreation department head of one of the City of St. Cloud's largest departments. Her responsibilities included: Planning/ Construction- Managed a multi-million dollar capital improvement program; researched, wrote, and administered grants; and oversaw parks planning and construction projects. Public Relations/Management- managed a department with staff in four divisions: parks (maintenance, planning, and construction), recreation (programming and facility management), aquatics (pool management and programming), and beautification (horticulture, arboriculture, and tree maintenance). Ms. Caborn has extensive public speaking experience, including facilitating public hearings and giving presentations to community groups. The position involved strong understanding of local government politics and procedures and accountability for taxpayer dollars.

#### **Presentations**

Caborn, Kristin L., "Contract Management: A View From Both Sides," Florida Recreation and Parks Association Administrator's Workshop, Winter Park, FL, January 2008.

Caborn, Kristin L., "CPTED and Park Planning," Florida Recreation and Parks Association 2007 Annual Conference, Orlando, FL, August 2007.

Caborn, Kristin L., "Parks and Recreation: Join the Green Movement," Florida Recreation and Parks Association 2007 Annual Conference, Orlando, FL, August 2007

Caborn, Kristin L., "Future of CPTED," Panelist at the Florida CPTED Network, Quarterly Meeting, Altamonte Springs, FL, December 2006

Caborn, Kristin L., "CPTED and Local Government," Instructor at the Florida Crime Prevention Training Institute, Florida Crime Prevention Practitioner Update/Technology Today, Altamonte Springs, FL, November 2006.

# Resumes

## ATKINS

### Education

B.L.A., Landscape  
Architecture, University of  
Florida, 1984

### Registrations/Licenses

Registered Landscape  
Architect:  
Florida, LA0001153, 1987

### Professional Affiliations

American Society of  
Landscape Architects (ASLA)

National Complete Streets  
Coalition

### Honors and Awards

2009 Structures Project of the  
Year, American Public Works  
Association (APWA) Florida  
Chapter, Riverwalk Lagoon  
Bridge, Jupiter, Florida

Award of Honor for  
Landscape Architecture  
Florida Nursery & Growers  
Association (FNGA), The  
Florida Botanical Gardens,  
Largo, Florida

Award of Honor for Planning  
American Society of  
Landscape, Largo, Florida

Award of Excellence for  
Landscape Architecture  
Florida Nursery & Growers  
Association (FNGA), Golf  
Brook Apartments at Sabal  
Point, Longwood, Florida

Award of Excellence for  
Landscape Architecture  
Florida Nursery & Growers  
Association (FNGA), Sabal  
Park Apartments at Sabal  
Point, Longwood, Florida

Award of Excellence for  
Landscape Architecture  
Florida Nursery & Growers  
Association (FNGA), Sabal  
Club Apartments at Sabal  
Point, Longwood, Florida

### David W. Larsen, RLA

Quality Assurance/Quality Control; Signage and Lighting;  
Bicycle and Pedestrian Planning

Mr. Larsen has 27 years of experience in land planning and landscape architecture for a diverse range and scale of public and private clients, making him an ideal candidate to provide quality assurance/quality control reviews on this project. His project experience includes alignments and theming alternatives for a waterfront riverwalk; landscape/hardscape construction for botanical gardens and museums; site planning and landscape architecture for a mixed-use office park and golf-course facilities; and development of bicycle and pedestrian trail systems for parks.

His project experience includes the following:

**West Bayfront Multi-Use Recreational Trail, Sarasota, Florida.** Project manager for the development of a conceptual plan and concept report for the 5.5-mile, 10-foot-wide West Bayfront Multi-Use Recreational Trail (MURT) and beautification project. Services provided included participation in the public involvement phase of the project and development of landscape and hardscape concepts, cost estimates, concepts for grant applications, and maintenance specifications. Landscape improvements as well as other design features such as decorative lighting, trail signage, and textured concrete helped to create a sense of place and arrival to downtown Sarasota, St. Armands Circle, and the Lido beaches.

**Jupiter Riverwalk, Town of Jupiter, Florida.** Project manager and design team leader for programming, master planning, and construction documents for this 2.5-mile waterfront riverwalk project. Located along the intracoastal waterway, the riverwalk will provide access to the waterfront and interlink commercial redevelopment along the US 1 corridor. Public workshops to determine alignments and theming alternatives were key to obtaining public support for this 2.5-mile project.

**Withlacoochee River Pedestrian Bridges Design Services, Citrus, Lake, and Levy Counties, Florida.** Project manager for the development of the Withlacoochee Bay Trail bridge crossing over the Ingliss Dam. Design team leader for conceptual bridge design development, coordinating multidisciplinary design team including structural engineers, civil engineers, environmentalists, surveyors, and geotechnical engineers.

**Port of St. Petersburg, St. Petersburg, Florida.** The Port of St. Petersburg is planned as an integral part of St. Petersburg's city-owned waterfront. The master plan provides improved terminal facilities, streetscape improvements, port-of-call facilities, dock and retail facilities, and the integration of the port with other transportation network systems on a regional basis to establish an "intermodal" transportation hub in downtown St. Petersburg, Florida. The port facility, in conjunction with Albert Whitted Airport, interstate roadway systems, local transit systems, and vehicular and pedestrian circulation systems, will be linked at the port and airport facility, or "interport" or transfer point, from one mode of transit to another. Mr. Larsen served as landscape architect and planner.

**Baldwin Park, Orlando, Florida.** Projects completed to date include landscape, hardscape, irrigation design, design and construction of street-tree packages, common-area parks, tree relocations, frontage streetscapes, street-light layout, entry-feature landscape and median landscape design.

**Ten Mile Linear Park, Lee County, Florida.** Landscape architect for the master planning and detailed site design of this multi-use trail system.

**Waterway Park, Brevard County, Florida.** Detailed site design, mitigation design, and construction administration for this 11-acre causeway park on SR 520. Mr. Larsen served as landscape architect.

David W. Larsen, RLA  
Quality Assurance/Quality Control; Signage and Lighting; Bicycle and Pedestrian Planning

**The Florida Botanical Gardens and The Gulf Coast Museum of Art, Largo, Florida.**

Project manager for master planning and detailed site development for this botanical garden. The gardens are adjacent to The Gulf Coast Museum of Art and other county facilities and will serve as a conservation model and educational resource for Pinellas County.

**Heathrow, Seminole County, Florida.** Landscape architect and planner for an award-winning community including a shopping center, fire station, elementary school, 18-hole golf course, tennis and swim club, and 3,600 homes. Master planning, site planning, and landscape and hardscape design were provided for this 1,200-acre site. Lush landscaping, elegant fountains, brick and granite signs, and theme lighting established Heathrow's prestigious image.

**Publications**

Larsen, David W. and Judy Yates, Ed.D., "The Florida Botanical Gardens: From Vision to Reality," *Public Garden*, vol. 16, no. 2, Summer 2001.

**Presentations**

- Larsen, David W., "Three Visionary Trails," ProBike/ProWalk Florida 2007, August 28-30, 2007
- Larsen, David W., "Past, Present, and Future Aesthetic Roadway and Bridge Design," American Society of Civil Engineers, March 21, 2006.
- Larsen, David W., "Landscape Architecture: Context-Sensitive Design for Bike/Pedestrian Facilities," ProBike/ProWalk Florida 2005, April 8, 2005.
- Larsen, David W., "Recreation, Conservation, and Open Space Reuse of Brownfields," Session 14—Blazing a Green Trail, Seventh Annual Statewide Pollution Prevention Conference, July 31, 2002.

**Professional Development**

- "20th National Trails Symposium - Trails: the Green Way for America," American Trails, November 2010.
- "Designing Walkable Urban Thoroughfares - A Context Sensitive Approach Web Briefing," Institute of Transportation Engineers, October 2010.
- "Designing for Pedestrian Safety Series: Interchanges and Roundabouts," Pedestrian Bicycle Information Center, October 2010.
- "Designing for Pedestrian Safety Series: Signalized Intersections," Pedestrian Bicycle Information Center, September 2010.
- "Transit Oriented Development and Central Florida's Future," Central Florida Urban Land Institute, September 2010.
- "Florida's First Coast Developers Forum on Trails and Greenways," FDEP Office of Greenways & Trails, October 2008.
- "TrailLink2007," Rails-to-Trails Conservancy, August 2007.
- "ProBike/ProWalk Florida 2007 - Healthy Community Makeovers: Design and Programs for Active and Healthy Lifestyles," Florida Bicycle Association, August 2007.
- "18th National Trails Symposium - Trails for America: Every Where, Every Way, Every Day," American Trails, October 2006.
- "ProBike/ProWalk Florida 2006 - Making Connections," Florida Bicycle Association, September 2006.
- "Greenways and Trails Forum," FDEP Office of Greenways & Trails, November 2005.
- "17th National Trails Symposium - The Emerging Roles of Trails in American Lifestyles," American Trails, October 2004.

# Resumes

## ATKINS

### Education

B.S., Civil Engineering,  
Auburn University, 1983

### Registrations/Licenses

Professional Engineer:  
Florida, 39428, 1988

Real Estate Broker's License:  
Florida, BK3049885

### Professional Affiliations

Florida Engineering Society

National Society of  
Professional Engineers

Leadership Orlando Alumni  
Association

Leadership Osceola Alumni  
Association

Urban Land Institute,  
Community Development  
Council - Gold

### Honors and Awards

*Baldwin Park Honors and  
Awards*

Orlando District Council  
Urban Land Institute 2008  
Land Use Excellence Award

Florida Association of Realtors  
2008 Environmental ENVY  
Award

2006 Phoenix Award  
(Brownfield Redevelopment)

Environmental Protection  
Agency 2005 National  
Award for Smart Growth  
Achievement

Urban Land Institute 2004  
Award of Excellence

The Council for Sustainable  
Florida 2004 Sustainable  
Florida Award

Audubon of Florida 2004  
Distinguished Corporation  
Award

### John H. Classe, Jr., PE

#### Quality Assurance/Quality Control; BRAC Advisor

Mr. Classe will provide quality assurance/quality control reviews on this project and will serve as a BRAC Advisor. He has over 27 years of experience in civil engineering and real estate development including all aspects of management and administration; planning; entitlements; design; permitting through local, state, and federal governmental agencies; and construction. Mr. Classe's BRAC experience includes the award-winning Baldwin Park, one of the nation's largest and unique in-city greenfield/redevelopment projects, formerly known as the Orlando Naval Training Center.

#### Senior Vice President/Chief Operating Officer, New Broad Street Companies, Orlando, Florida.

Following the sale of Baldwin Park, a unique greenfield/redevelopment opportunity formerly known as the Orlando Naval Training Center Main Base, Mr. Classe joined the new owner and continued as managing director of Baldwin Park. Corporate duties included leading and managing all project operations from due diligence through execution/implementation for the real estate development activities of the organization. The Orlando Naval Training Center was closed via BRAC in the mid 1990s.

#### Vice President – Planning and Infrastructure, Pritzker Realty Group, Orlando, Florida.

Set and managed the strategic direction for all planning, design, and construction of Baldwin Park. The 1,100-acre mixed-use master planned community is based on the principles of new urbanism and includes approximately 4,400 residential units, three community centers, 200,000 square feet of retail, and 750,000 square feet of office development. He managed land use entitlements; managed all environmental, planning, design, and construction matters; coordinated/negotiated with permitting agencies and utility companies; acted as chairman of the Community Development District; and served as vice president of the property owners associations. In early 2007, he assumed the role of managing director, leading all aspects of the project, including the asset sale in late 2007.

#### Celebration Infrastructure Engineering Services, Celebration, Florida (Walt Disney Imagineering).

Project principal responsible for project management, staff management, client coordination, contract management, schedules, and financials. Celebration is a 10,000-acre master-planned town developed by The Celebration. When complete, the community is anticipated to have approximately 12,000 residents on 4,900 acres surrounded by a 4,700-acre protected greenbelt. The town consists of residential homes and apartments, a town center, office park, hospital and schools, open spaces and parks, lakes, and recreational amenities. Atkins also assisted with the creation of two community development districts, which serve as official government agencies able to levy taxes and procure bonds.

**Celebration Lakeside Recreation Center, Orlando, Florida (WDI).** Principal-in-charge responsible for providing leadership, direction, and technical guidance to project manager and staff to ensure that technical services and quality management were provided to the client. This 7.3-acre community park is located at the heart of Celebration. Nestled between Celebration's Town Center and Reedy Creek, the park offers a full range of recreational activities as well as a fitness trail along the edge of Reedy Creek. The park design included a multipurpose field, two sand volleyball courts, three tennis courts, a basketball court, playground, pool, covered pavilions with picnic tables, and a community center.

**Celebration Town Center, Celebration, Florida (The Celebration Company).** Project manager responsible for project management, staff management, client coordination, contract management, schedules, and financials. Town Center is the 20-acre retail and civic focus of Celebration Village, or the "heart" of the Celebration community, a 5,000-acre, multi-use development of regional impact (DRI) project in Osceola County, Florida. Included within the retail area are 180 multifamily residential units. The civil design included master drainage

John H. Classe, Jr., PE  
Quality Assurance/Quality Control; BRAC Advisor

plans; site grading plans; parking and traffic circulation plans; potable water, wastewater, and reuse plans; roadway, parking lot, floating dock, and pedestrian lighting plans; and all required permitting.

**Universal's Islands of Adventure Infrastructure Improvements, Orlando, Florida**

**(UCDP).** Project manager responsible for project management, staff management, client coordination, contract management, schedules, and financials. The Islands of Adventure attraction is the cornerstone of the Universal Studios, Orlando expansion project in Orlando, Florida. The approximately 100-acre project site consists of six separately themed islands around a show lagoon. Atkins provided professional services under several contracts. The first included infrastructure improvements generally consisting of site rough grading, show lagoon water quality treatment and recirculation systems, show lagoon bulkheads, three fixed pedestrian bridges, one bascule bridge, and the core utility systems, which include potable and industrial water, wastewater, chilled water, primary electrical and communication ductbanks, and natural gas systems.

**Walt Disney World (WDW) Blizzard Beach, Lake Buena Vista, Florida (WDI).** Project manager responsible for project management, staff management, client coordination, contract management, schedules, and financials. Blizzard Beach is Walt Disney World's third water park in central Florida. The 70-acre site, which is designed to resemble a ski resort in winter, includes a 120-foot-high, man-made mountain, eight water slides, a wave pool, a meandering "stream" for tubing, and restaurant and guest support facilities. Atkins' involvement in the project included developing a master stormwater plan and designs for clearing and mass grading, parking facilities, roadways, rough grading, and drainage designs that accommodated the unique requirements of the park's rock and snow architectural facades. Utility and drainage systems were integrally designed into the mountain structure, which consisted of a reinforced slope construction. Water runoff was routed through an elaborate stormwater system within the mountain to a conventional system of multi-sized pipes and retention ponds.

# Resumes

## ATKINS

### Education

B.S., Civil Engineering/  
City Planning, University of  
Wisconsin, 1970

### Registrations/Licenses

Professional Engineer:  
Florida, 42987, 1980

### Certifications

American Institute of  
Certified Planners (AICP)  
Certified Facility Security  
Officer

### Professional Affiliations

American Planning  
Association (APA)

American Society of Civil  
Engineers (ASCE)

American Water Resources  
Association (AWRA), Florida  
Section

Florida Planning and Zoning  
Association (FPZA)

Society of American Military  
Engineers (SAME)

- Board, Chairman of the  
Membership Committee
- Sustaining Member  
Committee of the  
Jacksonville SAME Post

### Honorary Appointments

The Society of American  
Military Engineers (SAME),  
Academy of Fellows inducted  
Atkins Senior Project  
Manager, Eugene Yerkes,  
P.E., AICP on November 9,  
2004, at the Missouri River  
& TEXOMA Regions Joint  
Conference in St. Louis,  
Missouri

## Eugene H. Yerkes, PE, AICP BRAC Advisor

Mr. Yerkes has more than 29 years of extensive professional experience in coordinating a wide range of planning and engineering projects and special studies for many local governments, state and federal agencies, and private sector clients. He has an extensive military background and has worked with some of the largest BRAC projects to date, including Fort Belvoir, an 8,000-acre Army installation located along the Potomac River in Northern Virginia. He has been responsible for the management and technical aspects of many multidisciplinary projects, including military, land use, environmental, urban/regional, site, socioeconomic, transportation, and utility planning and engineering projects.

Prior to joining Atkins, Mr. Yerkes was manager of the federal, military, and urban planning division of a major firm and supervised multidisciplinary staff of urban/regional planners, environmental planners, landscape architects, transportation planners and civil engineers. He was responsible for all office planning, project formulation, fee estimates, negotiations, contract preparation, scheduling, staff supervision, client coordination, technical review and financial management.

He served as project manager for the preparation of military, land use, environmental, urban/regional, site, socioeconomic, transportation and utility studies.

**Military Master Planning.** Directed and prepared studies for more than 50 Army, Navy and Air Force I installations throughout the United States, Europe, and the Far East.

These studies include comprehensive plans, mobilization studies, range and maneuver area analyses, expansion capability studies, facility inventory and space utilization studies, capital investment strategies, programming documentation, and technical manuals.

Managed indefinite delivery planning contracts for the Mobile, Jacksonville, and Europe Districts of the U.S. Army Corps of Engineers. Managed the preparation of the Comprehensive Facilities Planning Technical Manual, U.S. Army Europe; Alternative Concept Base Development Plans, Homestead AFB; and 19th Support Command Master Plan, Korea.

**Land Use Planning.** Directed and prepared land use planning studies for neighborhoods, cities, airports, universities, new towns, and military installations. Some examples are: Off - Airport Land Use Study, Crossville, Tennessee; Tuskegee Institute Land Use Study, Tuskegee, Alabama; Shelby Farms New Town Plan, Shelby Co. Tennessee; Pine Belt Regional Airport Noise Control and Land Use Compatibility Study; Reuse Concept Study, Myrtle Beach AFB; Air Installation Compatible Use Zone Study, Naval Air Station, Meridian, Mississippi.

**Environmental Analysis.** Directed and prepared environmental assessments and impact statements for military master plans/mission changes, corridor analyses, large scale commercial and residential developments, as well as special air quality and noise studies. Some examples are: Fort Campbell Ongoing Mission EIS; Jacksonville Downtown Air Quality Study; Walnut Grove Woods Subdivision EIS, Memphis, Tennessee; Base Closure EIS, Myrtle Beach AFB, South Carolina; Air and Water Pollution survey, Red River Army Depot, Texas; and 1996 Olympic Whitewater Slalom Venue EIS, Ocoee River, Cherokee National Forest, Tennessee.

**Urban/Regional Planning.** Directed and prepared comprehensive plans for communities involving such elements as population projections, economic base analysis, land use plan, major street plan, community facilities plan, analysis of financial resources, capital improvement program, and zoning regulations. Some examples are: Comprehensive Plans for Mahomet, Illinois; Gatlinburg, Tennessee, Jonesboro, Arkansas, Cookeville, Tennessee, and Desoto County, Mississippi; elements and section of comprehensive plans for Jacksonville Beach, Port Orange and Ormond Beach, Florida; Latham Street Neighborhood Development Plan, Memphis, Tennessee; Zoning and Subdivision Regulations, Crossett, Arkansas; Growth Allocation

Eugene H. Yerkes, PE, AICP  
BRAC Advisor

Computer Model, Memphis, Tennessee, and South Bend, Indiana; and Land Development Regulations and Concurrency Management System, Clay and Putnam Counties, Florida.

**Site Planning.** Directed and prepared the development of site plans for heliports, university and campus facilities, residential subdivisions, parks, industrial area, commercial centers and office complexes in Florida, Tennessee, Alabama, Georgia and South Carolina. Some specific projects are: Standard Regional Response Center, Marine Spill Response Corporation; Recreation Study, Redstone Arsenal, Alabama; Community Center Plans, Dyess AFB, Texas, Fort Buchanan Puerto Rico, and Frankfurt Military Community, Frankfurt, Germany; Medical Complex, University of Kentucky; Chalk Bluff Reservation and Conservation Area, Clay County, Arkansas; and Kirby Meadows Subdivision, Memphis, Tennessee.

**Transportation Planning and Engineering.** Directed and prepared transportation/major street plans for Gainesville, Florida; Cookeville, Tennessee, Mahomet, Illinois; route location studies for Northwest Shelby County highway, Shelby County, TN; I-40 Winston Salem, North Carolina, Butler Boulevard Access Roads, Jacksonville, Florida; airport master plans for Golden Triangle Regional Airport, Pine Belt Regional Airport, Rose Army Airfield; traffic and parking studies for University of Alabama, University of Mississippi, University of Kentucky; roadways and drainage design for Latham Street Neighborhood, Kansas Street Neighborhood, Barnes Road and Downtown Jacksonville Street Improvements.

**Utilities and Drainage.** Directed and prepared water, sanitary, electrical and storm drainage studies for military installations, neighborhoods and specific sites including Mallory Heights, Latham Street, Sherwood Forest Subdivision, Redstone Arsenal, Dyess AFB, Patrick AFB, New Orleans Naval Air Station, Red River Army Depot, Fort Jackson, Fort Stewart and Withlacoochee Bridge Study.

Additionally, Mr. Yerkes has experience with the following plan formulation processes:

- Working/leading PDTs
- Identifying problems, opportunities, constraints, etc.
- Inventorying, forecasting, analyzing FW/FWO
- Formulating measures/alternative plans
- Evaluating/comparing plans
- Qualitative/quantitative project outputs, cost est.
- Recommending plans
- Preparing briefing materials
- Preparing Milestone Conference documents
- Public/stakeholder involvement, consensus building
- Planning reports and related appendices
- USACE QC and ITR requirements

# Resumes

## ATKINS

### Education

B.L.A., College of  
Architecture and Planning,  
Ball State University, 1993

### Registrations/Licenses

Registered Landscape  
Architect:  
Florida, LA6666742, 2004

### Certifications

Leadership in Energy and  
Environmental Design  
Accredited Professional (LEED  
AP), U.S. Green Building  
Council (USGBC)

### Professional Affiliations

U.S. Green Building Council  
(USGBC), Central Florida  
Chapter

### Awards

FL/ASLA Frederic B. Stresau  
Award, 2006, for Munroe  
Regional Medical Center  
project, Ocala, Florida

Southeast Construction Best  
of 2006 Award of Excellence,  
Parks and Recreation, for  
Lakefront Park, St. Cloud,  
Florida

Associated Builders and  
Contractors, Inc., 2006  
Excellence in Construction  
Award, Parks and Recreation,  
\$10-\$20 Million, for Lakefront  
Park, St. Cloud, Florida

FL/ASLA Award of Honor,  
2005, for Cancer Survivors  
Plaza project, Tampa, Florida

## Thomas L. Johnson, RLA, LEED AP Landscape Architecture

Mr. Johnson has 18 years of professional landscape architecture experience, covering a wide range of diversity and scale with particular interest in urban design, sustainable design, park and open-space planning, theme park and attractions, hotel and resorts, master planning, and waterfront development. Over the course of his career, Mr. Johnson has developed strong skills in the areas of graphic communication, creative problem-solving, public charettes and presentations, client consultation, project management, and construction document preparation.

Mr. Johnson's design and planning experience includes the following:

**Clearwater Beach Walk, City of Clearwater, Clearwater, Florida.** This project included an ambitious master plan to rejuvenate Clearwater Beach as a great beach destination place via a 1,200-foot-long and 25-foot-wide pedestrian promenade and a revised two-lane winding beachfront scenic drive that connects the south end of Clearwater Beach to Pier 60 Park and Mandalay Streetscape farther north. The design was inspired by the presence of the beach and its abundant marine life, and calls for an enhanced pedestrian environment through planting design; a hike and bike trail; accent paving; an abundance of seating opportunities; strong gateway statements; interactive fountains; beach-inspired public art; traffic-calming techniques; and the vacation of existing rights-of-way to encourage the development of outdoor sidewalk cafés, restaurants, seating areas and courtyards. Mr. Johnson was the lead landscape architect in charge of design development and presentation graphics, and was instrumentally involved in public meetings, presentations and charettes.

**Warrior Plaza Area Development Guide, The Urban Collaborative, LLC, Fort Polk, Louisiana.** Atkins, as a subconsultant to Urban Collaborative, is providing master planning services at Fort Polk. The installation wanted to create a vital and energized town center for the Army community, to be known as Warrior Plaza, and sought the professional advice of both firms to develop an area development plan (ADP). The master plan was developed through an intensive week-long charrette with all Garrison stakeholders to create a master plan suited to every tenant's needs; at the conclusion of the charrette, reviews from the owner, and the development of graphics, Atkins is developing a final, full 3-D video walkthrough of the Warrior Plaza ADP. Mr. Johnson served as the project landscape architect responsible for site design and analysis, character graphics, as well as facilitating at workshop sessions to develop the master plan.

**Glenview Naval Air Station, Village of Glenview, Glenview, Illinois.** Project consisted of a master plan to reuse an approximately 2,000-acre military facility slated for closure. As part of a design team, Mr. Johnson assisted with the development of four master plan alternatives.

**Lake Juliana Park Planning, Polk County Parks and Natural Resources, Polk County, Florida.** On behalf of the Polk County Parks and Natural Resources Division, Atkins is creating a conceptual site layout and providing design and permitting services for the Lake Juliana park design. The conceptual site plan will include internal site circulation, paved handicapped parking and grass parking for 10-12 cars with trailers, one picnic pavilion, PCPNR standard Tedder boat ramp and docking system, stormwater management, and site access off of James Place. Mr. Johnson served as the lead landscape architect, responsible for leading design and construction document production.

**Lakefront Park, City of St. Cloud, St. Cloud, Florida.** Mr. Johnson was the lead landscape architect for the redevelopment of a waterfront park and marina on East Lake Toho in St. Cloud. The park and marina were home to a number of annual festivals and celebrations sponsored by the city of St. Cloud. Unfortunately, the marina and park facilities were more than 40 years old and no longer satisfied the needs of the events and a growing community. The two key elements of the project included the expansion of the existing marina from

Thomas L. Johnson, RLA, LEED AP  
Landscape Architecture

approximately 44 slips to 143 slips, and a marina walk with seat wall and civic plaza adjacent to a new 10,400-square-foot marina building and banquet facility. Other important elements of the design included a new three-lane boat launch, a larger and more efficient parking and circulation system for boat trailers, a new 900-square-foot restroom and stage building, a large performance lawn, a splash pad and playground structure near an existing beach area, new shade pavilions and park furnishings, redesigned parking areas to service the park and marina building, extensive landscape improvements and wetland mitigation plantings.

**Conceptual Plan for Poinciana Community Park, Polk County Parks and Natural Resources, Polk County, Florida.** Atkins is providing design services for a conceptual plan of Poinciana Park, located in Polk County. Tasks include a site visit and draft conceptual plan, development of a final, rendered conceptual plan, and park standard list for the Poinciana Park. Desired improvements may include: quad baseball; quad softball; multi-purpose fields; Polk county standard concession buildings; parking; playground; restrooms; basketball courts; walking paths; vehicular access and drainage; pavilions and/or picnic areas; skate park; cricket; beach volleyball; maintenance area-location only. As Lead Landscape Architect, Mr. Johnson contributes to the design for multiple concepts, the production of presentation graphics, and facilitation of client meetings.

**Daughtery Road Park Master Planning, Design, and Construction Services, Polk County Parks and Natural Resources, Polk County, Florida.** This project for Polk County Parks and Natural Resources involved the development of a master plan and conceptual and final design for the 27-acre West Daughtery Road park project located north of Lakeland. Preliminary and final design services were provided for soccer fields to relieve Hunt Fountain Park; pedestrian circulation including walking paths; site lighting including "green" sports lighting; a secondary entrance to service a passive park area; a picnic/passive area, open space, and playground; and parking. Also included preparation of construction documents. Mr. Johnson served as lead landscape architect providing lead design, coordinating the public input presentation, production construction documents, and client meetings.

# Resumes

## ATKINS

### Education

B.S., Civil Engineering,  
University of Central Florida,  
2003

### Registrations/Licenses

Professional Engineer:  
Florida 66556, 2007

### Certifications

Leadership in Energy and  
Environmental Design  
Accredited Professional (LEED  
AP), U.S. Green Building  
Council (USGBC):

- Building Design and  
Construction (BD&C)
- Neighborhood Development  
(ND)

### Professional Affiliations

American Society of Civil  
Engineers (ASCE)

Florida Engineering Society  
(FES)

National Society of  
Professional Engineering  
(NSPE)

## James D. Crook, PE, LEED AP BD+C ND Civil Engineering

Mr. Crook has ten years of experience with numerous site/civil engineering activities. His duties include project management and planning, site and utility layout, roadway design, stormwater management and drainage system design, sewage collection and water distribution system design, and permitting through various state and local agencies. As a LEED accredited professional, he has provided civil engineering and consulting services for multiple projects seeking sustainability certification, including the design and permitting of sustainable design elements utilizing Low Impact Development (LID) techniques.

**NPS Marine Research and Education Center, Salt River Bay, St. Croix.** This joint venture project between the National Park Service (NPS) and the Joint Institute for Caribbean and Marine Studies (JICMS) includes the development of a multi-building marine research and education center at Salt River Bay in St. Croix. Atkins provided civil engineering and landscape architecture support for the pre-design phase of project development. Mr. Crook's responsibilities included a detailed review of the site including development and permitting challenges associated with the implementation of the defined research and education program. This program will include facilities for recreation, housing, K-12 and higher education space, boat dock, maintenance facilities, and varied laboratory spaces. The facilities are to receive sustainability certifications through LEED (Platinum goal) and the Living Building Challenge. The campus is intended to have a high level of sustainability and passive survivability by providing its own on-site sources of water, wastewater treatment, and electricity.

**Jetta Point Park, Seminole County Government, Seminole County, Florida.** Atkins provided multiple design and permitting services in support of this substantial, 45-acre Seminole County park project. The community park included four multipurpose ball fields, four softball fields (incorporating NCAA requirements), two playgrounds, equestrian area, trail connections, parking, driveways, and miscellaneous support buildings. Mr. Crook acted as the lead civil engineer for the project and provided oversight for the site, stormwater, and utility design. Permitting for this project was intensive and included the following permit reviews and approvals: Seminole County (owner review), City of Winter Springs (site development), City of Oviedo (site development), SJRWMD (wetland impacts, listed species impacts, stormwater, and consumptive use), FWC (eagle's nest), ACOE (wetland impacts), FDOT (right-of-way and drainage connection), and FDEP (water, wastewater, NPDES). Mr. Crook served as the project civil engineer for this development, providing services including drainage and utility design and permitting.

**US192 Modifications Design, Permitting, and Construction Administration Services, Walt Disney Imagineering (WDI), Celebration, Florida.** The project involved roadway improvements to a segment of US192 at the intersection with Celebration Place. Improvements include adding and extending turn lanes to US192 and Celebration Place and modifying the traffic signal to accommodate the additional westbound left-turn lane. Comprehensive services provided include grading and drainage design; scheduling and cost estimating services; coordination of utility modifications; design of maintenance of traffic; modification of plans for signing and pavement marking, lighting, and signalization; and permitting through Osceola County, SFWMD, and FDOT. Mr. Crook provided services for design, permitting, project management and construction administration.

**SeaWorld Turtle Parking Lot, Sea World of Florida, Inc., Orlando, Florida.** This project included the expansion of an existing overflow parking area to include an additional 1,129 parking spaces. Atkins provided the site civil engineering, landscape architecture, lighting design and electrical engineering services, and acquired all associated development permits for the expansion. Mr. Crook served as the project manager and civil engineer for this project providing services including drainage design and permitting as well as construction administration.

James D. Crook, PE, LEED AP  
Civil Engineering

**The Conservatory at Celebration Place, Celebration, Florida.** The Conservatory was the first Platinum LEED-CS pre-certified green building in the state of Florida. Atkins served as the civil engineer for this ambitious project. A key civil element of this development was the unique stormwater management system consisting of a pervious concrete parking lot in lieu of a traditional stormwater pond and conveyance system. Mr. Crook was the civil engineer for this project and provided site engineering, permitting and civil consulting services which assisted in the pre-certification for this highly coveted level of sustainability. This project also saw the first formal permitting of pervious concrete for all associated reviewing municipalities and agencies (The Celebration Company, Reedy Creek Improvement District, South Florida Water Management District and Osceola County). The site's civil design was delicately coordinated with the other consultants and their various sustainable facets of the project, including the green roof and reuse (non-potable) toilet flushing system within the building. Mr. Crook served as the project civil engineer and provided services including drainage and utility design and permitting as well as providing support for the various sustainable design aspects of this noteworthy project.

#### **Presentations**

**Crook, James D.,** "LEED for Neighborhood Development," presented at the 2010 Growth Management, Energy, Climate Change and the Environmental Short Course in Orlando, February 23, 2010. (Winner of Atkins' Professional Paper Award)

**Crook, James D.,** "Examples of Florida Government Sustainability Initiatives," presented at the 26th Annual Growth Management Short Course in Orlando, February 24, 2010. (Winner of Atkins' Professional Paper Award)

# Resumes

## ATKINS

### Education

M.S., Civil Engineering,  
Auburn University, 1977

B.S., Civil Engineering,  
Auburn University, 1976

### Registrations/Licenses

Professional Engineer:  
Florida 31911, 1982  
Alabama 23233, 1999

## Glenn C. Brown, Jr., PE Special Flood Hazard Areas

Mr. Brown has over 33 years of civil engineering experience providing project development, management, design, permitting, and construction administration services for land development and planning projects in both the private and public sectors. His expertise includes modeling and design of stormwater management facilities, drainage design, roadway planning and design, design of water supply systems, and designs for sanitary sewer systems. Mr. Brown's work experience includes projects in north, central, and south Florida; Alabama; Georgia; Antigua, U.S. Virgin Islands; and Spain.

Mr. Brown served as civil engineer on the following projects:

### **Lexington Branch Regional Water Quality Retrofit Facility, Leon County, Florida.**

Analysis and design updates for flood control retrofits within the Lake Jackson Drainage Basin. Work included detailed stormwater modeling of a 1,100-acre contributing basin (Lexington Basin), development of flood control measures and assessment of water quality impacts.

**Pier Park, Panama City Beach, Florida.** This project for Simon Property Group (SPG) involved site planning and design, permitting, and construction administration for the Primary Development Parcel (PDP) for the recently completed 266-acre mixed-use retail center at Pier Park. Services included analysis, design, permitting, and construction plans for alterations to site infrastructure including site grading and secondary drainage conveyance, utilities service lines, internal driveways, parking and traffic circulation, and internal intersection improvements.

**WaterColor, Walton County, Florida.** WaterColor is an 1,100-acre coastal resort development. This project, exhibiting the "New Urbanism" concept included a Development of Regional Impact (DRI), planned unit development (PUD), civil design, environmental permitting, development of a habitat conservation plan, and construction administration. This project was a recipient of the Urban Land Institute's (ULI), 2004 Award for Excellence. The project included two commercial shopping centers and five high profile recreational facilities.

**WaterSound Beach, Walton County, Florida.** A 252-acre coastal resort development. This New Urbanism project included a PUD, civil design, environmental permitting, development of a habitat conservation plan, and construction administration.

**Weatherills Resort, Antigua, West Indies.** A 33-acre mixed use development including a 4-star hotel. Mr. Brown assisted with the master planning and conceptual engineering including local permitting for this Caribbean resort. The facility design elements included site planning, building layout, site engineering and stormwater /drainage design.

### **Other selected projects:**

**Hess Oil Container Port, St. Croix, U.S. Virgin Islands.** Site engineer for expansion of loading pier/port for a major refinery. Work included geotechnical investigation, pile load testing, monitoring pile installations and quality control (concrete) of on-site pile manufacturing.

**Franklin Chemical Plant, Grand Bahamas.** Project responsibilities for this industrial facility, located near Freeport, included pre-engineering and planning, the initial site engineering and the project soils investigation. Worked on site with local firms and contractors to develop and produce site planning concepts and foundation designs and construction alternatives.

**Homestead Extension of Florida's Turnpike, Dade County, Florida.** As drainage engineer, responsible for final drainage design including hydrologic studies, analysis of alternative conveyance systems, maintenance of traffic (MOT) drainage design, detention pond design, and stormwater permitting for the Homestead Extension of Florida's Turnpike (also known as the Tamiami Parkway) in Dade County, Florida.

Glenn C. Brown, Jr., PE  
Special Flood Hazard Areas

**Fringe Road Segment of US 319 (Thomasville Road) Fly-Over.** As drainage engineer, responsible for all drainage design activities, environmental planning, and environmental permitting. Project required intense coordination and team approach with multiple design groups and diverse permitting agencies to meet tight project schedule.

**Polk County Parkway (Section 1).** Drainage engineer responsible for hydraulic analysis and design of stormwater collection, conveyance, and detention systems for this segment of Florida's Turnpike.

**Additional early career project experience includes:**

- Florida Key's Aqueduct Route Investigation - Florida City to Key West - 1979
- 138 kV Transmission Line Geotechnical Investigation – Key Largo to Key West – 1979-1980
- Delco-GM Plant, Cadiz Spain (Dynamic Compaction Observation) - 1980
- EPCOT Monorail System, Geotechnical Investigation, Walt Disney World, Florida - 1979
- Transportation Pavilion, Geotechnical Investigation Walt Disney World, Florida – 1979
- St. Vincent Hospital, Birmingham, Alabama - Pile Monitoring, Drilled Pier/Shaft Inspection and Construction Administration - 1978

# Resumes

## ATKINS

### Education

B.S. cum laude, Civil Engineering, University of Central Florida, 1985

### Registrations/Licenses

Professional Engineer:  
Mississippi, 19334  
Florida, 41040  
Georgia, 23623

Professional Surveyor and Mapper  
Florida, 4845

ASFPM Certified Floodplain Manager

### Honors and Awards

Tau Beta Pi, Engineering Honor Society

Phi Kappa Phi, Academic Honor Society

## William K. Johnson, PE, PLS, CFM Special Flood Hazard Areas

Mr. Johnson is a senior project manager and engineer providing technical support for environmental and civil engineering projects. Currently residing in Mississippi, he participates in the development of stormwater management plans and the preparation of design, permitting, and construction documents for drainage systems, land development projects, and roadway and utility improvements.

With more than 20 years of experience, Mr. Johnson has developed a broad range of engineering experience including stormwater modeling, water and sewer design, commercial site development, subdivision planning and design, boundary and topographic surveying, platting, construction layout, computer aided design and drafting (CADD) production, and construction inspection services. Mr. Johnson is highly proficient with various methodologies used in the design of stormwater management facilities and is experienced with many surface water and ground water software packages including EPASWMM, XPSWMM, ICPR, PONDPACK, POND5, and STORMCAD. Since joining Atkins in 1996, Mr. Johnson has provided management and technical expertise on a variety of projects including:

- Senior project manager for watershed modeling and flood mapping of the Gamble Creek and Hammock Creek drainage basins in west Florida. Each basin exceeded 50,000 acres and involved data collection, monitoring, development of highly detailed stormwater models using EPASWMM and ICPR, flood mapping, public presentation and integration of all data within a GIS format in accordance with Southwest Florida Water Management District (SWFWMD) requirements.
- Lead technical professional for municipal stormwater modeling and design projects including the Frenchtown Stormwater Master Plan (City of Tallahassee), the Connie Drive Flood Relief Project (City of Tallahassee), the Laird Street Outfall and Treasure Palms Subdivision Drainage Study (Bay County) and the Burns Road Drainage Improvements (City of Tallahassee).
- Project manager and lead technical professional for the Southwood Stormwater Facilities Master Plan (SFMP), a comprehensive stormwater analysis and design manual for the 3,200-acre Southwood development located in southeast Tallahassee. Encompassing six watersheds and over 7,000 acres of contributing area, the SFMP incorporates elements of data collection, monitoring, geographic information systems, conceptual design, database management, and XPSWMM stormwater modeling to achieve goals established by the City of Tallahassee Stormwater Management Division.
- Lead technical professional and engineer of record for residential and commercial land development projects in Tallahassee including Southwood Units 2, 4, 5, 6, 7, 8, 9, 10 and 14, The Home Depot, Twin Oaks Apartment Complex, Southwood Golf Course, Southwood Village Publix, Studio Plus Hotel, The Hilton Garden Inn, and C.W. Roberts Asphalt Plant.

Prior to joining the Atkins team, Mr. Johnson provided engineering and land surveying services for numerous commercial, residential, industrial, and institutional projects in the Central Florida area. From 1991 to 1996, Mr. Johnson served as the District Engineer for the Ranger Drainage District, a state water control district managing 9,900 acres of land in east Orange County. As District Engineer, he initiated and completed a program to map the District's drainage facilities, provided stormwater modeling services, produced plans for the construction of drainage and maintenance facilities, provided construction administration services, and acted as the District's representative for interaction with governing jurisdictional authorities including St. Johns River Water Management District (SJRWMD), Army Corps of Engineers (ACOE), U.S. Environmental Protection Agency (USEPA), and Orange County, Florida.

# Resumes

## ATKINS

### Education

B.S., Civil Engineering, Florida International University, 2003

M.S., Structural Engineering, Florida International University, 2005

### Registrations/Licenses

Professional Engineer:  
Florida, 70993, 2010

### Professional Affiliations

American Society of Civil Engineers (ASCE)

## Douglas A. Ramirez, PE Structural Engineering

Mr. Ramirez has over nine years of experience in engineering, including the structural design of a wide variety of projects, as well as field experience in performing assessments on hurricane damaged structures. He has worked on a variety of projects which have been designed with structural steel, cast-in-place concrete, precast and prestressed concrete, composites, masonry, and wood. His clients have included industrial plants, Federal Department of Defense (DoD), state agencies, school districts, and county governments. Notable projects include the Port Manatee Security Building, Bridgeway Acres Redevelopment, Panama City Beach Aquatic Center, MacDill Air Force Base AGE Facility, and numerous smaller renovations at local Publix stores. He has also assisted with the renovation of the Land's End Resort at Captiva Island, Florida after the resort was heavily damaged during a hurricane.

As a structural engineer, Mr. Ramirez works with all disciplines to develop the optimum structural design which meets the owner's criteria. Once the structural systems are defined, he heads the effort to develop all structural calculations, working drawings and specifications, taking time to coordinate with other disciplines. Other responsibilities include performing site visits and writing reports outlining solutions to structural problems and assessing structural conditions at various sites.

Mr. Ramirez's representative project experience includes:

**A-E Services for Renovation and Expansion of Facilities at Lincoln ANG Base, Lincoln, Nebraska.** Under a \$50 million, five-year IDIQ contract with the National Guard Bureau, Atkins is providing Type A, B, and C architecture-engineering (A-E) services for the three-phase renovation and expansion of two existing facilities at the Lincoln Air National Guard Base, in Lincoln, Nebraska. Mr. Ramirez performed structural design services to resolve construction issues related to blast mitigation for the project.

**Bridgeway Acres Solid Waste Site Redevelopment Architectural Services, Clearwater, Florida.** In conjunction with the capital replacement project (CRP) at the Pinellas County Utilities Department of Solid Waste Operations, this three-year contract provided for additional enhancements to the Bridgeway Acres site, including the demolition, relocation, replacement, or upgrade of existing facilities, and the addition of other needed facilities, all in multiple phases. Phases two through five included work on a maintenance and storage operations center, a household chemical collection center, a landfill contractor building, and a waste-to-energy operations center for 36,076 square feet of additional space. Mr. Ramirez performed structural design and construction administration services for phases two, three, four, and five, for a total of nine new buildings located on the property.

**Design-Build of Ramey Border Patrol Sector Headquarters Renovations, Aguadilla, Puerto Rico.** Mr. Ramirez performed the complete structural design for this design-build project, which entailed the improvement of a new headquarters (HQ) building (identified as Building 723) and an attached vehicle maintenance facility of approximately 25,000 gsf. The project also included the addition of 1,480 gsf to the existing Ramey Border Patrol Headquarters (Building 722). Both buildings needed to be brought up to code.

**Thomas Koritz Hospital Entrance Modification, Seymour Johnson Air Force Base, Goldsboro, North Carolina.** Mr. Ramirez performed the complete structural design for this project for Seymour Johnson Air Force Base, which required the conversion of an existing ambulance bay into the main entrance of a hospital clinic and the modification of the existing parking lot to function as a drive-through passenger drop-off area with a covered canopy. Restrooms were added in the new lobby and minor modifications to the existing building were required to connect to existing corridors.

Douglas A. Ramirez, PE  
Structural Engineering

**Port Manatee Access Control/Security Center Design Services, Palmetto, Florida.** Atkins was responsible for the design of a new 11,200-square-foot access control and security facility containing rooms for issuance of visitor passes, permanent badging, file storage, a public lobby and restrooms, security staff offices, break room, locker rooms, training conference room, necessary support spaces, and covered access control gateways. Mr. Ramirez performed the complete structural design and construction administration services for the project.

**Bartram Public Library, St. John's County, Florida.** Mr. Ramirez performed structural design and provided construction administration services as part of this \$880,000 design-bid-build project for St. Johns County. The project consisted of a 5,000-sq-ft addition and selected renovation of the existing 10,000-square-foot Bartram Trail library. The addition created a terminus for the central nave introduced in the original building and houses an adult non-fiction and reference collection, a teen reading room, and an additional meeting room with space for up to 25 persons.

**Pope Air Force Base Technical Training Facility for CC-130J Aircraft, Fayetteville, North Carolina.** This \$4.25 million project at Pope Air Force Base involved the renovation of Building 560 into a 38,000-sf maintenance training facility for the CC-130J aircraft, providing state-of-the-art classrooms and technically sophisticated device training areas for both the Air Mobility Command and Air Education and Training Command. Design services were also provided for the incorporation of a loading dock and truck turnaround area at Building 720. Mr. Ramirez provided the shop drawing review.

**Robert King High Park Recreation Facility Architect-Engineer Services, Miami, Florida.** This project for the City of Miami involved complete professional architecture-engineer services for the Robert King High Park Recreation Facility, a new recreation center. Mr. Ramirez performed structural design and construction administration services for the new community center, covered basketball court, and restroom buildings.

**Winter Haven Municipal Airport, Winter Haven, Florida.** This project involved improvements to the existing terminal at the Winter Haven Municipal Airport to accommodate the potential demand over a 20-year planning period. The city of Winter Haven has adopted the slogan, "The Chain of Lakes City," and with that in mind, the architecture of this facility will reinforce that theme and provide a sense of arrival while promoting local attractions and outdoor recreation through displays and artwork. Mr. Ramirez performed the structural engineering design of the new terminal building.

**South Dade Middle School Design-Build Design and Construction Phase Services, Miami, Florida.** This design-build project for the Miami-Dade County Public Schools (M-DCPS) involved design criteria professional services for a new, 1,662-student station middle school (formerly known as State School SS-1) located on a 20-acre site in the southwest agricultural region of the county. Mr. Ramirez performed structural threshold inspections.

**Snyder Park Construction Documents, North Miami Beach, Florida.** This project for the City of North Miami Beach includes a new 15,000-square-foot clubhouse/retail building as an entry feature that sets the tone for the entire tennis center. The clubhouse and its immediate surroundings include a tennis pro shop, small lounge/food café, retail space, locker room facilities, small office area, outdoor terrace, and an arbor for shaded seating. As structural engineer-of-record, Mr. Ramirez performed complete structural design and calculations for a new tennis center, gymnasium, and restaurant.

# Resumes

## ATKINS

### Education

M.S., Structural Engineering,  
University of Connecticut,  
1976

B.S., Civil Engineering,  
University of Connecticut,  
1973

### Registrations/Licenses

Professional Engineer:  
Florida 31852, 1982  
Maryland 17943, 1992  
Massachusetts, 3005, 1980  
South Carolina 21515, 2001

### Professional Affiliations

American Society of Civil  
Engineers (ASCE)  
Chi Epsilon Civil Engineering  
Honor Society  
Florida Engineering Society  
(FES)  
National Society of  
Professional Engineers (NSPE)

## William P. Pitcher, PE Structural Engineering

Mr. Pitcher is responsible for providing engineering design services for major seaport, marine, and coastal assignments. He has more than 30 years of experience in the fields of civil and structural engineering including design, contract administration, construction inspection, and construction management. He is also responsible for the implementation and monitoring of Atkins structural quality control program for seaport, marine/coastal, and waterfront projects.

He has served as project manager and principal structural engineer on the following representative seaport, marine, and coastal projects:

**U.S. Navy Naval Air Station (NAS), Key West, Florida.** Mr. Pitcher served as project manager and structural engineer for the master planning and design, including site investigations, for a new 105-slip marina at the Boca Chica recreational area. The master planning called for a new marina to include both floating and fixed docks; new dockmaster's office; laundry, restroom, and bath house building; water and sanitary services; and parking improvements. The planning effort included preparation of environmental permitting, construction cost estimates, planning workshops, and hazardous materials (asbestos and lead paint) assessments. Atkins prepared the construction documents for the new marina.

**Program Management Consultant, Port of Miami, Florida.** Mr. Pitcher serves as program manager for Atkins' multi-year program management consultant assignment at the Port of Miami. The project includes management of construction-manager-at-risk contracts for port infrastructure improvements including new cruise terminals, port access and internal roadway systems, security gates and surveillance upgrades, transportation worker identification credential (TWIC) implementation, cruise and cargo berth improvements, gantry crane electrification and crane rail upgrades. The assignments include close coordination with cargo terminals operated by APM, Seaboard Marine, and Port of Miami Terminal Operating Company.

**Evaluation of Wharves II through V, Port of Miami, Florida.** The project involved the structural evaluation of over 4,200 linear feet of deep-water steel sheet pile bulkhead structures installed in phases over a period of 25 years at the Port of Miami. The water depth varied from 42 to 46 feet along the waterfront. The project included site observations and inspections, structural condition assessments, corrosion analysis, preliminary structural analysis, structural evaluations, recommendations for wharf strengthening and upgrades, and conceptual construction cost estimates.

**125-Ton Capacity Mooring Bollards, Port Everglades, Florida.** The project involved the design and construction management of high capacity storm bollards and bollard foundations to secure deep draft cargo vessels at Pier No. 2, Port Everglades. Each storm bollard was rated for 125 tons. The assignment included value engineering, structural analysis and evaluations, geotechnical coordination, preparation of construction documents, permitting structural inspections during construction, and preparation of record drawings with certifications.

**Evaluation of Gantry Crane Tie-downs and Stow Pins, Port of Miami, Florida.** The project involved the evaluation and design of gantry crane tie-downs and stow pins for new Post Panamax gantry cranes at the Port of Miami. Hurricane tie-downs were designed for 150 mile-per-hour winds applied to the gantry crane superstructure. Stow pins were designed for wind speeds of 50 miles per hour. The project included field observations, structural analysis, geotechnical coordination, and preparation of construction documents.

**Mallory Square Cruise Port, Key West, Florida.** Mr. Pitcher served as project manager and engineering manager for the master planning and design of the first cruise ship berthing facility in Key West. The project, which was undertaken for the Key West Port Authority, included port master planning, inspections and evaluations and design alternatives to accommodate cruise

William P. Pitcher, PE  
Structural Engineering

vessels in the range of 650 feet. Atkins prepared construction documents for the installation of breasting and mooring dolphins, rehabilitation of the marginal wharf, installation of mooring bollards, and water service and parking facilities at historical Mallory Square. Atkins assisted with the solicitation of potential contractors, bid evaluations, and award, and also provided construction administrative services.

**Rehabilitation of Pier D1, United States Coast Guard (USCG) Group, Key West, Florida.**

Pier D1 is a 1,240-foot-long concrete wharf constructed in 1912 by Henry Flagler's Overseas Railroad Company. The seawall consists of unreinforced poured-in-place concrete gravity wall with an earthen and rubble interior and an asphalt top travel surface. The concrete portion of the wall is founded on timber pilings driven into limestone/coral rock. The depth of water in front of the seawall averages 30 feet.

Atkins performed a comprehensive inspection, analysis, and evaluation of the historical seawall for the purpose of berthing USCG support vessels. The assignment included recommendations for structural upgrades and repairs, new fendering and mooring hardware, alternative restorations, ship-to-shore electrical and communications, storm drainage, oily waste systems, sanitary sewer systems, permitting, construction cost estimates, and construction phasing.

**Expansion of a Fixed Breakwater at USCG Station Pensacola, Florida.** Atkins undertook studies and prepared a recommendations report for the improvement, strengthening, and lengthening of a damaged breakwater system used for the protection of USCG search-and-rescue vessels moored inside a boat basin. The study identified three alternatives for breakwater/seawall improvements. The USCG subsequently commissioned Atkins to prepare the contract documents and environmental permitting for a new 1,000-linear-foot breakwater. The new breakwater consisted of precast concrete sheet pile panels, concrete buttress piles, concrete cap/walkway, new navigational lighting, and stone revetment at scour-susceptible areas.

**New Municipal Fishing Pier, Okaloosa County, Florida.** Atkins prepared final plans and specifications, including bidding documents and permitting, for the construction of a new 1,500-linear-foot long municipal fishing pier for Okaloosa County. The original pier was destroyed by Hurricanes Erin and Opal. The new pier stands 30 feet above the Gulf of Mexico and serves as one of the longest recreational fishing piers in Florida. The water depth at the end of the pier is approximately 30 feet. The new pier consists of prestressed concrete piles, prestressed concrete beams and deck sections, removable timber decking, aluminum hand railings, utilities, benches, and fish cleaning stations. The new pier was designed to withstand the wind, wave, and surge forces of a Category 2 hurricane.

# Resumes

## ATKINS

### Education

B.A., Architecture, University of Miami, 1996

A.A., Architecture, Miami-Dade Community College, 1993

### Registrations/Licenses

Registered Architect:  
Florida, AR93635, 2007  
Pennsylvania, RA404616, 2008

### Certifications

National Council of Architects Registration Board (NCARB)

Leadership in Energy and Environmental Design Building Design + Construction (LEED AP BD+C)

### Professional Affiliations

American Institute of Architects (AIA)

US Green Building Council (USGBC)

## Alexander Camps, AIA, LEED AP BD+C Architectural Design

Mr. Camps has more than 15 years of experience in the fields of architecture, planning, urban design and consulting. Mr. Camps' is experienced with Revit and uses rapid real-time techniques during conceptual design charrettes to streamline the decision-making process that integrates programming, functional alternatives, sustainability, value engineering, and cost-effective betterments across all design disciplines. His experience encompasses a wide range of project types including ports and terminals, transportation, higher education, educational K-12, hospitality, multi-family, municipal, federal, aviation, commercial, and facility assessments.

His representative project experience includes:

**Carnival Corporation, Grand Turk Welcome Center, Grand Turk, Turks and Caicos Islands.** Senior architect responsible for providing architectural and engineering services to the Grand Turk Cruise Center for a new, one-story welcome center facility, located on a 30,000-square-foot site in downtown Grand Turk. Mr. Camps provided professional services for design and construction documents for shell-only buildings, except for a full build-out of the public restrooms, including HVAC. The project included a fully operational water storage cistern, re-routing of an existing overhead power service line to underground and provide adequate space for initial and future equipment needs.

**Carnival Corporation, Puerta Maya Duty Free Building, Cozumel, Mexico.** Senior architect/project manager responsible for the development and coordination of a new one-story, 1,500 square-meter, Duty Free Building located in Puerta Maya, Mexico. The building was designed to be over an existing pier, and its structure aligns with the existing pile bents on the pier. This iconic 450 foot long duty-free building, incorporated port-of-call functionality for processing 2 mega ships (up to 8,000 pax) simultaneously.

**City of North Miami Beach, Snyder Park Tennis Center, North Miami Beach, Florida.** Senior architect responsible for the architecture and engineering of a 7,500 square-foot Tennis Center which will include a tennis pro-shop, wellness center, and restaurant. The project aims for LEED Silver certification.

**City of Doral, Public Works and Doral Trolley Facilities Needs Assessment, Doral, Florida.** Senior architect responsible for a study of current needs and future demands required for a new maintenance facility for Public Works and the Doral trolley system. The project aims for LEED Silver certification.

**City of Miami, Robert King High Park, Miami, Florida.** Project manager responsible for architectural, engineering and construction administration services for a 5,800-square-foot Recreational Building, playground, basketball courts, volleyball courts, tennis courts, soccer field and a 600 square-foot restroom building.

**U.S. Army Corps of Engineers, Dewey Short Visitor Center, Table Rock, Missouri.** Senior architect on this solicited design competition project for a 15,300-square-foot facility that was designed as a metaphor of the dam that it faces and is part of the experiential sequence through the building. The program included exhibit spaces at the first and second floors, observation decks at various levels and offices. The project aims for LEED Gold certification, with very visible sustainable features such as bioswales, passive solar 'trombe' walls, rainwater harvesting, renewable energy and daylighting seeking to fulfill the didactic role of the Center.

# Resumes

## ATKINS

### Education

B.A., Anthropology/  
Archaeology, Florida State  
University, 1968

M.A., Anthropology/  
Archaeology, Florida State  
University, 1970

### Certifications

TxDOT Precertified, ESN 1948

### Professional Affiliations

Florida Archaeological  
Council, Inc. (former Director)

Tallahassee Trust for Historic  
Preservation (former Director,  
Chair and Vice Chair)

John G. Riley Center &  
Museum (Director)

Millstone Institute of  
Preservation (Director and  
Former Chair)

Former County appointee to  
the Tallahassee-Leon County  
Architectural Review Board

### Daniel T. Penton

#### Historical Preservation/Resources

Mr. Penton has more than 35 years of professional experience in natural and cultural resources planning and management. He has specialty expertise in the areas of paleo-ecology/environmental archaeology, cultural resources management, Southeastern Native American cosmology/iconography, and Southeastern Native American coordination/consultation. He is a U.S. Department of Interior-Qualified Archaeologist pursuant to 36 CFR, Part 61, Appendix A. He is the author of numerous professional and technical cultural resources papers and reports.

Mr. Penton and his staff provide professional services to public, private, and non-profit clients, including Florida's Turnpike Enterprise and the Florida Department of Transportation (FDOT), District 3, where they serve as the primary cultural resources management (CRM) advisors and coordinators. They have also assisted the St. Joe Company with cultural resources project needs at Southwood, WindMark, WaterColor, WaterSound, Pier Park, SummerCamp, Breakfast Point, RiverCamps on Crooked Creek and other development areas across North Florida. He and his staff provide an integrated program of documentary and records research, field assessments, coordination and consultation with State Historic Preservation Officers (SHPO), and, when required, develop and administer resource protection, preservation, and mitigation plans.

Mr. Penton has been employed as an archaeologist by the U.S. Department of the Interior, National Park Service's Southeast Archaeological Center, the University of West Florida, the Florida Department of State, and the State of North Carolina. He has also operated his own archaeological and cultural resources management consulting business. He has worked as a crew chief, field archaeologist, historic sites specialist, project archaeologist, principal investigator, and project manager, as well as cultural resources program manager. A partial listing of project sites where he has been professionally engaged includes/included:

- Fort Sumter National Monument (Charleston Harbor, South Carolina)
- Charles Pinckney National Historic Site (Mount Pleasant, South Carolina)
- Fort Raleigh National Historic Site (Manteo, North Carolina)
- Port Canaveral (Brevard County, Florida)
- NOTU Site, Cape Canaveral Air Force Station (Brevard County, Florida)
- Rincon Truck Bypass Survey (Effingham County, Georgia)
- Dothan Bypass (Geneva and Houston Counties, Alabama)
- Natchez Trace Parkway/Pilgrim Bayou (Natchez, Mississippi)
- Mission San Luis de Apalachee (Leon County, Florida)
- Mission San Juan de Aspalaga (Jefferson County, Florida)
- Lake Jackson Mounds (Leon County, Florida)
- Marco Island (Collier County, Florida)
- Fort Cooper (Citrus County, Florida)
- Port Panama City Site (Bay County, Florida)
- Florida State University Marine Lab (Franklin County, Florida)
- Panacea Development of Regional Impact (DRI) (Wakulla County, Florida)
- Chaires-Capitola County Park (Leon County, Florida)
- Southwood DRI (Leon County, Florida)

Daniel T. Penton  
Historical Preservation/Resources

- Mr. Penton's clients include/have included:
- Florida's Turnpike Enterprise
- Florida Department of Transportation, District Three
- City of Tallahassee, Florida
- City of Clearwater, Florida
- City of Crestview, Florida
- City of Fort Walton Beach, Florida
- City of Palm Bay, Florida
- City of Panama City Beach, Florida
- City of Tampa, Florida
- Town of Havana, Florida
- Town of Century, Florida
- Duval County School Board (Florida)
- Leon County School Board (Florida)
- St. Johns County School Board (Florida)
- Brevard County Commission (Florida)
- Escambia County Commission (Florida)
- Holmes County Commission (Florida)
- Jackson County Commission (Florida)
- Leon County Commission (Florida)
- Polk County Commission (Florida)
- Santa Rosa County Commission (Florida)
- Walton County Commission (Florida)
- Northwest Florida Water Management District
- Panama City Port Authority (Florida)
- South Walton Tourist Development Council (Florida)
- Florida Department of Corrections
- Florida Department of Environmental Protection
- Florida Department of General Services
- Alabama Department of Transportation
- Marineland

Mr. Penton is the Traditional Chief of the Muscogee Nation of Florida, and a ceremonial elder of Ekvnyv Hvtke Tribal Town. He serves both entities as pro bono archaeological and cultural resources advisor.

# Resumes

## ATKINS

### Education

B.L.A., Landscape Architecture, SUNY at Syracuse University, 1975

B.S., Environmental Science, SUNY at Syracuse University, 1974

### Professional Affiliations

American Planning Association (APA)

National Trust for Historic Preservation (NTHP)

### Stephen D. Whiteford Master Planning and Design

Mr. Whiteford has 30 years of experience in the design and implementation of various recreation projects. He has been responsible for a diverse range of projects involving waterfront design, resort and park design, facility planning, master planning, and design guidelines. He has provided these services on projects involving urban revitalization and infill, parks and trailways, botanical gardens, campus facilities, government facilities, and corporate parks.

**Victory Landing, Newport News, Virginia.** Senior designer for waterfront development along the St. Johns River for the city of Newport News. The project includes performance space, plazas, fountains, landscape garden spaces, and a river front promenade. The second phase includes outdoor dining areas, terraced overlooks, and a boardwalk.

**Jupiter Riverwalk, Jupiter Florida.** Senior designer for this four-mile river walk project that connects the heart of the community to the Intercoastal Waterway. The project includes plazas, overlooks, pavilions, and landscape entry features.

**Brunswick Revitalization Study, Brunswick, Georgia.** Senior planner in charge of developing concepts to revitalize this coastal Georgia community. The project included waterfront development, streetscape concept with bike trails, and a waterfront community park.

**Virginia Beach Connector Parks, Virginia Beach, Virginia.** Senior designer for this multi-phase design of thematic parks connecting the boardwalk to Atlantic Avenue, the main commercial collector street. The work included theme development and landscape design from concepts through construction documents. The project required developing thematic settings for over 16 parks and coordination with artists and fabricators.

**MARTA Decatur Plaza, Decatur, Georgia.** Senior designer in charge of developing landscape design for this existing MARTA station stop located in the heart of historic downtown Decatur. The project integrated the historical context of the city and site into the design. The project included plaza areas, landscape, custom fountains, lighting, and pavement. The design celebrates the history of Decatur through the use of custom design elements.

**Del Ray Beach Gateway, Del Ray Beach, Florida.** Senior designer in charge of developing a gateway design for this coastal city located in south Florida. The project included working with two nationally recognized artists to develop a design that celebrates the diversity and history of Del Ray Beach. The design proposed six 20-foot high sculptures that represents the community and a heritage plaza.

**Navarre Town Center, Santa Rosa County, Florida.** Senior planner in charge of creating development concepts for this 1930s village plan. The plan creates a new main street commercial area with community parks and new residential mixes. The work included developing cost estimates, new street cross sections, and storm water facilities.

**Gulf Coast Museum of Art, Pinellas County, Florida.** Design of two sculpture gardens for rotating exhibits. The design includes two custom fountains, landscape plazas, and seating areas on a structural deck.

**WindMark Beach Club, Port St. Joe, Florida.** Senior designer responsible for the development of a private swimming pool complex for this resort community for St. Joe Towns and Resorts. The work included custom pool design, storage structures, boardwalks and trails, and community wide landscaping.

Stephen D. Whiteford  
Master Planning and Design

### Honors and Awards

Jupiter River Walk Lagoon Bridge – FL APWA, Project of the Year 2009  
Seventh Crossing Bridge, Dubai, UAE - First , Second and Third Place International Bridge Design Competition 2009  
Decatur MARTA Plaza – 8th Annual Golden Shoe Award 2007  
Decatur MARTA Plaza – 1st Place in Hardscape Category, Georgia Chapter of the American Concrete Institute (ACI), 2007  
Camp WaterColor – FNPS, First Place, 2006  
Camp WaterColor – ASLA FL C, Honor Award, 2006  
I10 Rest Areas – FNPS, Third Place, 2006  
WindMark Beach – FNPS Award, 2005  
Windmark Beach – FNGLA Award of Excellence, 2005  
WindMark Beach – ASLA, FL C, Merit Award, 2005  
WaterColor Pond – FNPS Ecosystems Restoration 2nd Place, 2005  
Route 321 Landscape Improvements Merit Award, Tennessee DOT, 2005  
Blueprint Brunswick, Brunswick, GA, GPA Outstanding Planning Project, 2005  
Florida Botanical Garden Award of Excellence, Florida Nurserymen & Growers Association, 2003  
Honor Award, Pinewood Cultural Park Master Plan, FCASLA, 2003  
Florida Chapter Merit Award, Suncoast Parkway, ASLA, 2002  
Southwood Landscape Design Guidelines, Merit Award 2000, ASLA Professional Award Program  
Design Award, Homestead AFB, USAF, 1997  
Woodrow Wilson House, ASLA, Northern Virginia Chapter, 1996  
Mesquite Park Master Plan, APA, Nevada, 1996  
Florida Chapter Award, Suncoast Parkway, ASLA, 1995  
Virginia Beach, Honor Award, ASLA, Potomac Chapter, 1994  
North Anna Battlefield, Gold Medallion Award for Community Development, National Stone Association, 1993

# Resumes

## ATKINS

### Education

B.S., Electrical Engineering,  
University of Miami, 1970

### Registrations/Licenses

Professional Engineer:  
Florida 15309, 1975  
Alabama 27289-E, 2005  
California 17724, 2005  
Georgia 29486, 2004  
Illinois 62-48755, 1994  
Louisiana 31971, 2005  
Maryland 17985, 1990  
Mississippi 16963, 2005  
Nevada 015235, 2001  
New Mexico 17776, 2006  
North Carolina 027216, 2001  
Pennsylvania 072609, 2005  
Puerto Rico 18958, 2001  
South Carolina 21049, 2001  
Texas 87216, 2000  
Virginia 0402-034543, 2000

### Certifications

Certified Uniform Building  
Code Inspector (UBCI), 2001-  
2008

TxDOT Precertified, ESN  
10710

Leadership in Energy and  
Environmental Design  
Accredited Professional (LEED  
AP), U.S. Green Building  
Council (USGBC)

National Council on  
Qualifications for the Lighting  
Profession (NCQLP) - LC

### Professional Affiliations

Florida Engineering Society  
(FES)

Illuminating Engineering  
Society of North America  
(IESNA)

National Fire Protection  
Association (NFPA)

## Pedro L. Trevin, PE, LEED AP, LC Signage and Lighting

Mr. Trevin has more than 40 years of experience providing electrical engineering services for port terminals, marinas, military facilities, parks and recreational facilities, university campuses, airports, shopping centers, rapid transit facilities, and roadways. He has frequently served as electrical project manager on assignments from state and local agencies and is knowledgeable about the diverse regulations governing design on such projects. He is also a certified uniform building code inspector (UBCI) for public educational facilities in the state of Florida. He was also the Guest Speaker on roadway lighting for the Illuminating Engineering Society of North America (IESNA) national conference in Miami, Florida.

Mr. Trevin's relevant project experience includes:

**Pier 60 Park, City of Clearwater, Florida.** Park design included parking lot lighting, pavilions, concession stand, and fast food kitchen.

**City of Boca Raton, Florida.** Electrical design for the expansion to the pool building at Meadows Park; bathroom renovation at Lake Wyman Park; new amphitheater at Mizner Park.

**South Broward Parks District.** Designed power distribution and comfort stations for various parks; designed roadway lighting for interior roads within TY Park

**Town of Jupiter Riverwalk at Jupiter Yacht Club.** Complete electrical design of a new boardwalk, including the lighting and convenience receptacles.

**Monroe County Jail, Florida Keys.** Supervision of the electrical design of a third floor addition to an existing medium security facility.

**Sheriff Substation, Cudjoe Key, Monroe County, Florida Keys.** Complete electrical design of the facility.

**FDOT District 6, Miami, Florida.** General Consultant and Preparation of Master Lighting Plan (17 miles) for Palmetto Expressway (SR 826), from US 1 to NW 138th Street, Miami, Florida.

**Orlando-Orange County Expressway Authority, Florida.** System-wide Signing. Complete electrical design, including lighting calculations for each type of sign to be illuminated; power distribution; voltage drop calculations to connect each lighted sign to the nearest existing light pole and shop drawing review for a total of eight cantilever sign structures and 15 overhead sign structures on the East-West Expressway (SR 408), the Beeline Expressway (SR 528) and Central Florida Greenway (SR 417).

**Plantation Key Government Center, Plantation Key, Florida Keys, Florida.** Supervision of complete electrical design of a 9,000-square-foot office building.

**Galleon Marina, Key West, Florida Keys, Florida.** Performed mechanical and electrical due diligence reports (inspections) for the 91-slip marina for yachts up to 150 feet. Each slip had either a 30-amp or a 30/50-amp power pedestal.

**Naval Air Station, Key West, Florida Keys.** Supervision of the complete electrical design for the repair of an existing 21,500-square-foot hangar; a new self-service four-bay car wash; the renovation of the entire Building A-324 including developing the second floor into an Emergency Operation Center and Fire/Police dispatch.

**US Coast Guard Key West Sector Base, Florida.** Performed an electrical site survey to verify the existing underground primary distribution system. The work involved verifying actual underground routing of the primary and secondary distribution systems; obtaining infrared temperature measurements at each primary and secondary terminal; providing a one-line diagram of the existing primary switching units, unit substations transformers and switchboards; verifying

Pedro L. Trevin, PE, LEED AP, LC  
Signage and Lighting

the size and type of each transformer, main breakers and feeder breakers at each unit substation; verifying the location of each electrical manhole and the underground duct banks to indicate the spare conduits; evaluating the condition, capacity, safety and age of each primary and secondary electrical equipment including conductors, oil switches, panels, transformers, shore-tie receptacles and emergency generators; verifying the load connected at each unit substation; developed a list of recommendations on how the electrical system needs to be improved; prepare cost estimate for each recommendations and a priority list.

**Okaloosa Fishing Pier, Fort Walton Beach, Florida.** Electrical design for a 1,680-foot long fishing pier including department of environmental protection (DEP) special lighting design for turtle nesting. The electrical design included NAV AIDS along each side of the pier and at the pier end.

**Town of Cape Charles, Virginia.** Complete electrical design for a 34-slip inner harbor marina. The electrical design included the underground 480 volt three-phase power distribution to each of three 480-volt three-phase distribution panels, 480-volt to 120/240 volt single-phase transformers and 120/240 volt single phase panels to provide 120/240 volts to each power pedestal. The rating of each power pedestal was coordinated with the Dockmaster since some of the boats were fishing boats.

# Resumes

## ATKINS

### Education

M.S., Construction Management, Florida International University, 2000

B.A., Architecture, University of Miami, 1997

A.A., Architecture, Miami-Dade Community College, 1994

### Certifications

Certified Uniform Building Code Inspector (UBCI)

### Professional Affiliations

American Institute of Architects (AIA), Associate

The Association for Advancement of Cost Engineers International (AACE)

The Greater Miami Chamber of Commerce

### Juan M. Alfonso

#### Construction Oversight/Inspection/Cost Estimating/Scheduling

Mr. Alfonso has 14 years of scheduling, estimating, claims, and design development experience involving project controls, and software systems including Primavera, Suretrak, Surechange, Claim Digger, Microsoft Project, Microsoft Access, Microsoft Excel, AutoCAD, Acrobat Distiller, and Lotus. Mr. Alfonso has managed scheduling and estimating assignments for Miami-Dade County Public Schools (M-DCPS) construction projects totaling over \$1 billion over the last five years, and maintains a high level of client satisfaction through his leadership abilities and commitment to quality work..

Mr. Alfonso's Atkins relevant project experience includes:

**Jetta Point Park, Seminole County, Florida.** Provided schematic and multiple alternates cost estimates for Park's Master Plan which included landscape upgrades, new concessions facilities, new hardscape, water and sewer upgrades, new roadway design, and water features.

**Miami-Dade County Public Schools (M-DCPS), Miami, Florida.** Project manager responsible for leading a team of project controls personnel in schedule reviews, phasing schedules development, schedule of value reviews, quantity surveying, cost controls, market studies, constructability reviews, site/facility assessments, bidding assistance, change order reviews, claims/time analysis reviews, and GMP reviews for various significant design-build, CM-at-Risk, and hard bid projects at M-DCPS. Some of these projects include:

- Maintenance Facility – New Parking and Stormwater Improvements
- Madison Middle School – Replace existing Water and Sewer System
- Homestead Senior High School (Medical Magnet – LEED)
- Southwest Senior High - Phased Replacement (LEED)
- North Miami Senior High Replacement–State School “BBB-1”
- State School “NN-1”
- Elementary School Prototypes–“A-1”, “U-1”, and “V-1”
- South Miami Senior High School Addition–State School “NNN”

**Miami-Dade County – Port of Miami, Miami, Florida.** Project manager responsible for leading a team of project controls personnel in schedule reviews, schedule of value reviews, cost estimating, and claims/time analysis reviews, for various significant projects at the Port of Miami. Some of these projects include:

- 2035 Port Master Plan – Schematic Cost Analysis
- New Parking Garage D – Terminal D
- Cruise Terminals D and E – New Runway Extension for PBB and Mooring Bollards
- Area 3 (Seaboard Yard) New Bulkhead – Phase I
- Area 3 (Seaboard Yard) New Bulkhead – Phase II

# Resumes

## ATKINS

### Education

M.S., Construction Management, Florida International University, 1996

MBA, Business Administration, Instituto de Alta Direccion Empresarial, 1993

B.S., Mechanical Engineering, Universidad de los Andes, 1987

### Certifications

Certified Project Management Professional (PMP), #55782

### Professional Affiliations

Project Management Institute

## Diego J. Clavijo, PMP

### Construction Oversight/Inspection/Cost Estimating/Scheduling

Mr. Clavijo has 23 years of experience in program management, project management, scheduling, cost control, and claims. He has served as project manager on numerous contracts involving providing technical support for capital improvement programs (CIP). Mr. Clavijo has experience in, and a thorough understanding of, the processes and tools for CIPs including work program scheduling and programming, program management, project controls, project dashboard tools, funding allocation, databases integration, and web reporting. He has also participated in several construction litigation cases as an expert consultant in the field of scheduling and cost estimating.

His project experience includes:

**Forensic Investigation, Seawall at Bicentennial Park, City of Miami, Florida.** Mr. Clavijo acted as the claims manager for the structural assessment of the seawall at Bicentennial Park. This work involved the surface and underwater assessment of 1600 linear feet of seawall at two different locations. This work involved marine structural engineering, geotechnical engineering, and surface and underwater inspections. An assessment report was prepared delineating the background of the project, observations, structural calculations, geotechnical calculations, photos documenting surface and underwater conditions, conclusions, and recommendations.

**Construction Scheduling/Claims Analysis, Concourse A Apron and Utility Corridor, Miami International Airport, Miami, Florida.** Mr. Clavijo was tasked with the review of the construction schedule updates submitted by the contractor/surety. In addition to reviewing/documenting the contractor/surety weekly progress, Mr. Clavijo performed the review of several delay claims. Of particular importance was bringing the contractor in compliance with the scheduling specifications, as well as timely documentation of the project progress/status. The Contractor/Surety sought legal action against the County for damages for delay, and improper termination. The documentation (photos, scheduling analysis and daily observations reports) prepared by Mr. Clavijo was used later by the owner's legal team to defend against the legal action brought by the contractor/surety. This case was settled prior to trial. Mr. Clavijo worked closely with the owner's outside counsel in the analysis of the delay report prepared by the opposing party.

**Construction Claims Analysis – Pinellas Suncoast Transit Authority vs. Clancy and Theys Construction, Pinellas County, Florida.** Atkins was retained by PSTA to provide mediation and litigation support in a case related to concrete pavement failure at their new bus facility. Mr. Clavijo was retained to be the damages expert in this case. Mr. Clavijo has worked with Atkins' forensic team in establishing the cost/damages to remove and replace the existing pavement. An important aspect of the damages calculation is accounting for the "betterment" cost of the remedial work.

**Construction Scheduling/Claims Analysis, Reina Beatrix International Airport – Terminal Expansion, Aruba.** In this airport expansion, Mr. Clavijo was tasked with the preparation of a scheduling analysis of delays related to relocation of an existing electrical ductbank and delivery of structural steel. This analysis was based on Critical Path Method (CPM) using Primavera Project Planner software. In this analysis, Mr. Clavijo identified the impacted analysis and prepared an impacted schedule to determine the impact of the individual events. Of primary importance in this analysis was the identification and correction of logic errors in the construction sequence encountered in the original baseline schedule to allow the correct modeling of possible impacts for the studied events.

**Construction Claims Analysis, Holmes Elementary, M-DCPS, Miami, Florida.** This \$15 million project included the construction of a new elementary school. Mr. Clavijo was tasked with the review of the contractor's Request for Equitable Adjustment for \$7 million related

Diego J. Clavijo, PMP  
Construction Oversight/Inspection

to acceleration costs and unmet value engineering. Mr. Clavijo performed the review of the contractor's supporting documentation for its request including daily manpower reports, subcontractor's cost data, change orders, correspondence and project schedules. Mr. Clavijo provided claims analysis support during mediation proceedings.

**Construction Scheduling/Claims Analysis, State School D-1, ECS vs Miami-Dade County Public Schools (M-DCPS), Miami, Florida.** During project construction, Mr. Clavijo performed scheduling reviews and delay analysis. Mr. Clavijo was also tasked with the review of the contractor's Request for Equitable Adjustment due to project delays. This document was issued by the contractor during project closeout, and it showed a \$1.5 million claim in damages for delay and unresolved change orders. The contractor sought legal action against the School Board for \$1.5 Million. During litigation, Mr. Clavijo worked closely with the owner's expert witness and legal counsel in analyzing the contractor's claim and was designated a fact witness. Final Judgment was granted in favor of The School Board of Miami-Dade County, FL.

**Construction Claims Analysis, SBBC, Royal Palm Elementary School, SBBC, Fort Lauderdale, Florida.** This \$7 million project included renovation and expansion of an existing school facility. Mr. Clavijo review delay claims, change orders and prepare a report establishing causes of delay. Mr. Clavijo performed site visits, review project records including change orders, project schedules, pay requisition, inspection reports, and meeting minutes. The original contractor was terminated due to lack of performance. The project was completed a replacement contractor appointed by the Surety. Mr. Clavijo continued to provide claims support post-termination.

**Construction Scheduling/Claims Analysis, New Airport Terminal at Piarco International, Trinidad.** Mr. Clavijo was tasked with the preparation of the baseline schedule and schedule updates for delivery and installation of Special Systems (baggage handling system, conveying systems, security system, PA system, FIDS and BIDS systems, telephone system, and passenger boarding systems). Mr. Clavijo performed review of project scope and contract documents and prepared the project schedule using Primavera Project Planner software. Mr. Clavijo analyzed time impacts and prepared what-if scenarios. Mr. Clavijo maintained the project schedule current by incorporating approved change orders. Of primary importance on this assignment was the coordination of the delivery and installation special systems with other prime contractors.

## Resumes

### ATKINS

**Registrations/Licenses**  
Professional Surveyor and  
Mapper (PSM):  
Florida, 4431, 1988

Professional Land Surveyor  
(PLS):  
Virgin Islands, 325573, 2004

**Professional Affiliations**  
Florida Surveying and  
Mapping Society (FSMS)

#### Roberto D. Mantecon, PLS, PSM Surveying

Mr. Mantecon has 33 years of extensive experience in conducting and managing boundary, geographic information systems (GIS), construction layout, geodetic control, hydrographic, right-of-way, route, sectional, cadastral, and topographic surveys for environmental (including stormwater, mitigation, and sewer utilities), and transportation. He also has in-depth knowledge of computer-aided design (CAD) and global positioning systems (GPS) surveys. He has strong technical and communication skills, with the ability to resolve complex problems and convey solutions through multiple teams.

During his career—all with Atkins—Mr. Mantecon has served as the survey manager or surveyor in charge for many stormwater-related projects, including the following:

**Florida Department of Environmental Protection (FDEP) Beach Management Program General Engineering Consulting Services, Florida (Statewide) (FDEP).** This project for FDEP, Bureau of Beaches and Coastal Systems, consisted of developing and implementing a long-term strategic beach management plan (SBMP) to restore critically eroding beaches. Components of the plan included the identification of regional beach management issues such as erosion, poor public access, navigation problems, and environmental issues, and the development of long-term solutions. The plan also provided an innovative approach for integrating data from different sources (e.g., digital aerial photography, conventional survey data, and laser/light detection and ranging [LIDAR] mapping) using GIS.

**Florida Department of Transportation (FDOT) District Six Districtwide Additional Highway System Right-of-Way Maps, District Six (FDOT District Six).** As project manager and senior surveyor, he led, what initially began as a five-year miscellaneous survey services contract, for 15 years. He has completed hundreds of miles of route surveys, along with associated geodetic control, data collection, boundary surveys, topographic surveys, corridor maps, hydrographic surveys, and parcel mapping throughout the district including the Florida Keys; and has served as an extension of District Six staff as a trusted advisor in complex technical matters. In addition, as part of the new reselection process, he took on the task of updating the District's vertical control network to the North American Vertical Datum of 1988 (NAVD88), and has recently completed GIS databases for Monroe and Miami-Dade Counties to assist the District's survey staff in maintaining their project control information.

**High-Water Marks Location for Hurricane Katrina, Mississippi and Alabama.** As survey team leader, he was responsible for managing field and office efforts to map high-water marks established during Hurricane Katrina over the coast of Mississippi and Alabama using advanced GPS techniques and conventional survey methods. Atkins was tasked by URS to survey the flagged high-water marks as a result of the coastal flooding of Hurricane Katrina. The project limits stretched from the Florida Panhandle to the western boundary of the Mississippi coast. This data was to be used to accurately document the flooding and help the Federal Emergency Management Agency (FEMA) update flood maps and prepare for future disasters. The high-water marks were determined by using evidence of mud lines, water stains, debris, wrack lines, and eyewitness testimony. In addition, the high-water marks were surveyed over a two-month period using seven survey crews. The survey crews used static GPS methods and conventional leveling to determine the horizontal coordinates (latitude and longitude) and elevation for each high-water mark. Each point was collected horizontally in the North American Datum of 1983 (NAD83), and vertically in NAVD88. The high-water marks were surveyed to the accuracy of 0.25 feet vertically and 10 feet horizontally with a 95% accuracy level of the result. Points that could not be collected directly with GPS were surveyed by using conventional leveling techniques from a static GPS reference point.

Roberto D. Mantecon, PLS, PSM  
Surveying

**Puerto Rico Ports Authority, Luis Muñoz Mariin International Airport, Puerto Rico (Puerto Rico Ports Authority).** As surveyor-in-charge and survey project manager for Puerto Rico's largest civilian airport, he personally supervised a complete survey of this facility. This work effort included a full GPS network of the entire airport complex – to facilitate surveys for engineering designs, preparation of airport obstruction charts, location of navigational aids, runway locations, jurisdictional lines location, full topographic mapping of taxiways, and runway improvements including utility master plans of the entire airport.

**U.S. Army Corps of Engineers (USACE), National Levee Database (NLD).** As a result of recent Congressional action, the USACE has received the mandate and resources to design and build a NLD. The NLD will play a role in the proposed National Levee Safety program and the Inspection of Completed Works (ICW) program. It will provide data for emergency response efforts and assist with coordination for FEMA's MapMod and levee certification programs. As project director, he was in charge of coordinating all survey efforts that consisted of geodetic control, profiles, and data capturing of all levee operation features at such USACE districts as Little Rock, Louisville, Portland, Sacramento, St. Louis, Baltimore, Los Angeles, and Rock Island. The NLD presented unique challenges, as it included coordination between Atkins and local subconsultants throughout various USACE Districts throughout the continental United States. He was in charge of developing procedures to maintain the collection of data in a uniform manner, and was personally responsible for the processing and adjustment of all geodetic data, including procedures for accuracy checks to ensure that required feature accuracies were maintained. Upon completion, this project managed to collect over 4,000 miles (6,437 kilometers) of levee infrastructure data utilizing GPS (RTK) techniques.

**Fort Jefferson.** Mr. Mantecon led the high definition survey for Fort Jefferson at Dry Tortugas. The national park has initiated a multi-phased, multi-year preservation project to restore and stabilize this unique piece of American history. Atkins recently contributed to the restoration efforts by completing a comprehensive high definition survey of the fort. The project involved establishing permanent survey monuments, horizontal and vertical survey control, and performing a detailed survey of the wall faces. Deliverables included 3D AutoCad files, PDF sketches that contained dimensions in a 3D plane depicting a detail assessment of how far the walls had bulged in and around each embrasures.

## Resumes

### ATKINS

Registrations/Licenses  
Professional Surveyor and  
Mapper (PSM)  
Florida, 4408, 1987

Professional Affiliations  
American Congress on  
Surveying and Mapping  
(ACSM)

Florida Surveying and  
Mapping Society (FSMS)

#### Carlos M. Del Valle, PSM Surveying

Mr. Del Valle has 40 years of experience in providing surveying services for public and private projects throughout Florida. His experience includes aerial photogrammetric, boundary, bathymetric, design, geodetic, hydrographic, section, and transportation-related survey work.

Mr. Del Valle's relevant project experience includes:

**Districtwide Right-of-Way Mapping and Surveying Services, Florida Department of Transportation [FDOT] District Six, Florida.** Mr. Del Valle participated in various right-of-way surveys for several aerial mapping projects in Miami-Dade, Broward, and Palm Beach counties. He was responsible for directing the daily operations of all office and field personnel on a wide variety of projects ranging from construction layout work for subdivisions to design surveys. This contract involved miscellaneous surveying and mapping services for a wide range of assignments including platting, right-of-way mapping and surveying, legal descriptions, and establishing horizontal control networks involving GPS surveys.

**U.S. Southern Command (SouthCom) Headquarters Design-Build, SouthCom, Doral, Florida.** As surveyor, Mr. Del Valle's services included boundary and topographic survey to be used for design purposes, platting, preparation of easement documents for utilities servicing the site, and establishment of horizontal and vertical control for construction and preparation of as-built drawings. The project involves providing 630,000 sf of LEED Silver certified office space and accommodations for 2,800 personnel, the new facilities will enable all SouthCom activities to be consolidated into one complex. The 55-acre facility complex consists of three main buildings and three outbuildings (including two guardhouses and a visitor processing center), as well as parking for over 2,500 vehicles. Additional features include a child development center, fitness center, and warehouse.

**Florida Keys Overseas Heritage Trail, Design and Permitting Services, Florida Department of Environmental Protection [FDEP], Key Largo, Florida.** This project involves topographic survey and site boundary confirmation; environmental site assessment for the potential presence of threatened and endangered species; level I contamination assessment technical memorandum; overall concept design; and landscape design based on FDOT guidelines. Additional services that will be provided include architectural design services for a restroom building; coordination with the Florida State Historic Preservation (SHIP) Officer to investigate and document archaeological resources that may exist in the project area; review of design plans for consistency with National Environmental Policy Act (NEPA); coordination with local utilities; and preparation of bid documents.

**Wolfson 2000 Building Survey Services, Miami, Florida (Miami Dade College).** As project manager, Mr. Del Valle led a field survey of the area surrounding the Building 2000 site on the Wolfson Campus. Services provided included a topographic survey of the property including recovery of horizontal and vertical survey control to the extent required to meet the project objective as well as locate all visible surface improvements. Upon completion of the field survey, a survey map and report were created.

**Miami International Airport's (MIA) Runway 12/30 Extension, Miami, Florida (Aerial Cartographics of America, Inc.).** Supervised the topographic, horizontal, and vertical control surveys, as well as the striping and construction layout services to pave and strengthen the runways and aprons. Also supervised global positioning system (GPS)-related surveying and placement of ground control at MIA as part of the facility's 2001–2002 aerial mapping and inventory.

# Resumes

## ATKINS

### Education

B.S., Wildland/Wildlife Management, University of Miami, 1997

### Registrations/Licenses

U.S. Coast Guard (USCG)-Operator of Uninspected Passenger Vessels (OUPV) 6-Pack Captain's License (since 2001)

### Certifications

Department of the Interior: 40-hour course for up to 35-foot vessels, 1997; Refresher course, 2000

Professional Association of Diving Instructors (PADI), 1984

Nitrox Diver, National Association of Underwater Instructors (NAUI), 2001

Certified Diver, National Park Service, 1994; Recertified, 2000

CPR, 2008

First Aid, 2008

Oxygen Administration, 2008

Transportation Worker Identification Credential (TWIC) – National Transportation Safety Board (NTSB) Certification – Security Clearance

### Professional Affiliations

Coastal Conservation Association, State and National Board of Directors

## Adam Gelber Permitting

Adam Gelber serves as environmental sciences group manager for the southeast coast of Florida for Atkins. He has 14 years of experience in the ecological and environmental field where he has worked on a wide variety of projects, ranging from wetlands and groundwater remediation to seagrass and coral reef issues. Mr. Gelber has logged over 2,500 scientific and recreational dives. His experience has included energy and communication-related environmental evaluations, formal jurisdictional reviews and permitting of wetlands for construction purposes, wetland design and construction, environmental assessment (EA) and environmental impact statement (EIS) evaluations, water quality monitoring, seagrass restoration/mapping, and coral reef monitoring and mitigation. Mr. Gelber has managed both large and small projects, including projects over \$2+ million. His work efforts have been concentrated throughout Florida and Texas, well as the Bahamas, Dominican Republic, and the Cayman Islands. Mr. Gelber also previously served as a biological technician for five years with the National Park Service (NPS) at Biscayne National Park.

Mr. Gelber's Atkins project experience includes:

**Smathers Beach Renourishment, Key West, Florida (City of Key West).** Principal-in-charge as well as involved in the biological monitoring field and report preparation process. Under the Atkins existing environmental services contract, technical staff are providing permit compliance services. The permit compliance services include assisting with project management responsibilities, biological monitoring, topographic surveys, construction engineering and inspection (CEI) services for sand placement, and agency coordination.

**Port Everglades Reef Mapping and Assessment Services, Fort Lauderdale, Florida (Dial Cordy and Associates, Inc.).** As project manager, he managed a habitat impact analysis for reefs off of Port Everglades. As part of the study, the U.S. Army Corps of Engineers (USACE), in conjunction with Port Everglades, completed a feasibility study to evaluate widening and deepening of the outer entrance channel to determine the impacts offshore of marine biological resources, including coral reef ecosystems. He mapped the coral reef habitats and performed a quantitative assessment of those habitats to determine the extent and nature of the possible impacts, minimization of impacts, and the amount of mitigation required to compensate for unavoidable impacts.

**Palm Beach Feasibility Study, Palm Beach, Florida (Port of Palm Beach).** Lead field scientist for the acquisition of all data associated with this project and maintained project management responsibilities. Atkins was selected by the Port of Palm Beach to provide a comprehensive aquatic resources survey, documenting and mapping all benthic habitats found within the proposed expansion footprint. These data, in conjunction with past surveys, will be used to quantify the potential impacts of future dredging, expansion, and/or modification, as well as to calculate the requisite mitigation. Serving as a baseline for an EIS, this information will ensure compliance with environmental laws and regulations, including the National Environmental Policy Act (NEPA), the Endangered Species Act, the Fish and Wildlife Coordination Act, the Clean Water Act, the Magnuson-Stevens Fishery Conservation and Management Act, Presidential Executive Order 13089 on Coral Reef Protection, and similar laws and orders. Currently in the data acquisition and analysis phase, Atkins has already identified resources including seagrass beds, scleractinian corals, hard- and softbottom communities, manatee habitat, snook spawning habitat, and extremely popular boating, fishing, diving, and snorkeling areas. Atkins will continue to work closely with representatives from the USACE, the Palm Beach County Environmental Resources Management, the Florida Wildlife Conservation Commission, the Florida Department of Environmental Protection (FDEP), the National Marine Fisheries Service (NMFS), and the Port to develop a feasibility study capable of meeting the highest standards of scope and accuracy.

Adam Gelber  
Permitting

**Florida Keys National Marine Sanctuary (FKNMS) – Seagrass Restoration and Monitoring Services, Key West, Florida (National Oceanic and Atmospheric Administration [NOAA]).** Lead project manager and scientist responsible for this NOAA contract to provide submerged aquatic vegetation (SAV) restoration throughout the FKNMS on a task order basis. He was the lead project manager and scientist for implementation of the restoration plans of these three sites: Dream On, Myra Lee, and RB8. He brings an in-depth understanding of protocols for restoration best management practices (BMP) in both the sensitive habitats in the FKNMS and throughout the state. He has also managed and implemented the “casitas” debris removal project in the lower Florida Keys.

**Indian River Lagoon (IRL) Seagrass Restoration Engineering and Surveying Services, Indian River County, Florida (FDEP).** Scientist responsible for all permitting and agency coordination for powerline infrastructure rehabilitation, mapping of seagrass in the IRL, and conducting wetland delineation of coastal mangrove habitat for this contract with the FDEP. He performed a historic and recent database review, field reconnaissance, developed a feasibility plan for 51 conservation spoil islands and other potential sites within the IRL, developed a geographic information system (GIS)-based matrix for potential sites, produced a final report and engineering drawings for permitting, and verified the site after consultation with FDEP’s Office of Coastal and Aquatic Managed Areas.

**Fort San Geronimo (Puerto Rico) Marine Baseline Survey and Coral Mitigation Plan, Aerostar (USACE-Owner).** Project manager and lead scientist on this project. To facilitate the permitting of a USACE-sponsored construction project for Fort San Geronimo, the USACE required a documentation and assessment of the current environmental conditions in the vicinity of the Fort. Atkins was contracted to determine the presence, location, species composition, and density and extent of marine vegetation and any nearshore hardbottom/reef resources; document this information in an environmental baseline report; and use the benthic survey data to design and develop mitigation alternatives. All field data were georectified using both a handheld Garmin GPS and a Trimble Geo-XT. As a result of the field review of the project area, there were 108 mapped corals and gorgonians as well as a seagrass bed to the south of the Fort site that was comprised of three species.

# Resumes

## ATKINS

### Education

B.S., Mechanical Engineering,  
University of Central Florida,  
1995

### Registrations/Licenses

Professional Engineer:  
Florida 58564, 2002

### Certifications

Leadership in Energy and  
Environmental Design  
Accredited Professional,  
Building Design and  
Construction (LEED AP  
BD+C), U.S. Green Building  
Council (USGBC), 2002

Commissioning Process  
Management Professional  
(CPMP), American Society of  
Heating, Refrigerating and  
Air-Conditioning Engineers  
(ASHRAE), 2009

### Professional Affiliations

USGBC, Central Florida  
Chapter – Board Member and  
Finance Committee Chair.

ASHRAE, Central Florida  
Chapter.

### Honors and Awards

ASHRAE, Central Florida  
Chapter – Young Engineer of  
the Year, 2004.

2004 Employee of the  
Year – Orlando Division, TLC  
Engineering.

## Vincent F. Briones, LEED AP BD+C, CPMP Sustainability

Mr. Briones has more than 15 years of experience in educational, industrial, aviation, hospitality, and commercial office buildings. As a leader in the rapidly growing green design services market, he brings years of hands-on experience and a broad understanding of the U.S. Green Building Council's Leadership in Energy and Environmental Design building rating system. A LEED Accredited Professional since 2002, Mr. Briones was the mechanical engineer on two of Florida's first LEED-certified buildings, and has been actively involved as an officer of the Central Florida Chapter of the US Green Building Council.

Before joining Atkins, Mr. Briones was a founding partner of a Florida-based Sustainable Consulting Firm called GreenTime LLC. He also served as a senior engineer for the Walt Disney World Company in the Architecture and Facilities Engineering Group, where he was a leader of the Environmental Circle of Excellence, a voluntary organization that helps address environmental issues in the company.

Mr. Briones' Atkins' project experience includes:

**Fitness Center, Tyndall Air Force Base (AFB), Florida.** Atkins worked with Tyndall AFB and the U.S. Army Corps of Engineers (USACE) Mobile District to design a new, 72,750-square-foot fitness center. Atkins provided full architectural services for this high-visibility sustainable development project that highlights U.S. Air Force success in the areas of energy conservation and sustainable development. The fitness center has achieved the LEED Platinum rating. Award: 2011 Building of America Gold Medal Winner; 2009 Air Force Center for Engineering and the Environment (AFCEE) Merit Award for Concept Design. Mr. Briones was responsible for providing energy modeling services and evaluation of LEED-related Cx services, including reviewing equipment/building operation and maintenance.

**Snyder Park Phase II, North Miami Beach, Florida.** This project consisted of increasing public visibility, improving the spatial organization of the tennis center complex and enhancing the overall park experience with a strong emphasis on the overall tennis experience. To increase visibility along Dixie Highway, new gateway signage and a new two-story, 7,500-square-foot clubhouse/retail building, were proposed to heighten the curb appeal and present an entry feature that will set the tone for the entire tennis center. The clubhouse and its immediate surroundings include a tennis pro shop, small lounge/food café, retail space, locker room facilities, small office area, outdoor terrace and an arbor for shaded seating. Another aspect of the arrival experience is the redesign and expansion of the parking lot. The design preserves the mature oaks, adds additional shade trees, increase parking capacity and includes parking lot lighting to enhance the security of the space. A pedestrian entry plaza invites visitors from the parking area to the clubhouse entrance and leads to the main linear promenade that serves as the major axial organizational element for the layout of the tennis center and is wide enough to accommodate temporary tents and displays during tournaments and special events. Mr. Briones was responsible for LEED/Sustainable Building Design. Cost: \$5.5 million.

**University of Central Florida Campus Sustainability Study.** As part of the ongoing sustainability initiatives on campus, the University of Central Florida (UCF) has committed to all new construction projects obtaining LEED Silver certification through the U.S. Green Building Council (USGBC) and Green Building Certification Institute (GBCI). In June 2009, UCF hired Atkins' Sustainable Building Design Group to prepare a plan for a campus approach to LEED documentation. Atkins developed the first phase of the plan, which includes shared amenities and basic design criteria for LEED prerequisites and credits. Atkins gathered information from the UCF Campus Master Plan 2010-2020 and various campus departments (such as facilities planning, sustainability and energy management, and housekeeping). Using the LEED-NC Application Guide for Multiple Buildings and On-Campus Building Projects in combination with

Vincent F. Briones, PE LEED AP BD+C, CPMP  
Sustainability

#### Publications

Authored article on Stetson University's Lynn Business Center in the July 2003 issue of the Florida Engineering Society Journal.

Authored article "Working and Living Green" in the August 2007 issue of the Orlando Business Journal.

Featured in an article "Engineer Becomes Green Go-to Guy" in the 2008 Green Edition of the Orlando Business Journal.

the LEED Reference Guide for Green Building Design and Construction, strategies were identified for documenting compliance with credit requirements for ten credits and two prerequisites.

**Walt Disney World, Energy and Sustainability Report, Orlando, Florida.** Atkins assisted Walt Disney World identify energy efficiency strategies for a confidential project comprised of several building types with building square footage of approximately 1.2 million square feet. The project scope included:

- Performing energy evaluations using computer simulation for existing and proposed building designs.
- Exceeding Florida Energy Standard (including March 2009 supplements) by 15 percent using mainstream (no custom or exotic technology) energy conservation measures (ECMs).
- Identifying the incremental contribution of each ECM in achieving the 15 percent savings above.
- Confirming whether the 15 percent above translates into achieving Leadership in Energy and Environmental Design (LEED) EA Credit 1 requirements.
- Identifying state and federal incentive opportunities based on ECMs.

**Campuswide LEED Study Phase 1, University of Central Florida (UCF), Orlando, Florida.**

As part of the ongoing sustainability initiatives on campus, UCF committed to obtaining LEED Silver certification through the U.S. Green Building Council (USGBC) and Green Building Certification Institute (GBCI) for all new construction projects. This project involved the development of the first phase of a plan for a campuswide approach to LEED documentation. Three additional phases to the LEED documentation plan were proposed including a campus energy plan, exterior lighting plan, and water resources and management plan. Mr. Briones served as project manager.

**Tactical Equipment Maintenance Facilities (TEMF), Fort Benning, Georgia.** Atkins provided A-E services for the DB development of a \$35.7 million, 157,400 square foot TEMF complex. Mr. Briones served as LEED AP specialist responsible for providing fundamental building commissioning services in accordance with LEED rating system. Verified the project met all energy efficiency requirements of the federal government and LEED-NC. Assisted the team in achieving the desired level of LEED Certification or equivalency by reviewing the project design documents and providing LEED documentation assistance. As a result, this project achieved 42 percent energy use savings per Federal EPACT requirements, and energy cost savings of 35 percent compared to code compliant building as well as earning an additional 8 LEED points.

# Resumes

## ATKINS

### Education

M.S., Engineering  
(Construction Management),  
Catholic University of  
America, 1998

B.Arch., Architecture, Howard  
University, 1987

### Registrations/Licenses

Registered Architect:

District of Columbia, 5841,  
1994

Florida 16512, 1998

### Certifications

Leadership in Energy and  
Environmental Design  
Accredited Professional  
– Building Design and  
Construction (LEED AP  
BD+C), U.S. Green Building  
Council (USGBC), 2008

### Professional Affiliations

American Institute of  
Architects (AIA), Orlando  
Chapter, 1998; and  
Washington, D.C. Chapter,  
1994

International Bridge, Tunnel  
and Turnpike Association  
(IBTTA)

National Council of  
Architecture Registration  
Board (NCARB), since 1994

National Organization  
of Minority Architects  
(NOMA), since 2004, Vice  
President, Orlando Chapter,  
2007 National Convention  
Chairperson

## Jeffery M. Jerrels, AIA, LEED AP BD+C Defensible Space Design

Mr. Jerrels has more than 23 years of managing increasingly complex projects in the design/construction industry. His defensible space experience includes several building types for military installations and transportation related toll facilities. Each military installation designs require Antiterrorism Force Protection (AT/FP) design measures which create safe facilities and sites.

His recent representative experience includes:

### **SATOC for Administrative Facilities in the NW Region, A-E Services for Design-Build (D-B) for Three Buildings for Warrior in Transition (WT) Complex, Fort Riley, Kansas.**

Project manager responsible for developing standard designs for one battalion headquarters, two company operations in one building and one Solider and Family Assistance Center (SFAC). Facilities consist of 41,700 gross square feet, at a cost of \$11 million. Atkins provided all professional services for design, construction administration, and LEED certifiable documentation. The project was developed in Bentley Building Information Modeling (BIM) per USACE standards.

### **Medical Educational Training Facility No. 5, Fort Sam Houston, Texas, USACE, Design-Build (D-B).**

As project manager, Mr. Jerrels managed a 20-person design team for a \$16.5 million, two story, 47,000 square-foot medical training facility. The project was developed utilizing Revit BIM and is on track to receive LEED Silver rating from the U.S. Green Building Certification Institute (GBCI).

### **SATOC for Administrative Facilities in the SE Region, A-E Services for Design-Build (D-B) for a Warrior in Transition (WT) Building, Fort Stewart, Georgia.**

Project manager responsible for developing standard design for a Solider and Family Assistance Center. The building consists of 18,000 square feet of offices and child activity areas. Atkins provided all professional services for design, construction administration, and LEED certifiable documentation, utilizing multiple offices and resources. The project was developed in Bentley BIM per USACE standards.

**Florida Department of Transportation, General Engineering Consultant.** Mr. Jerrels currently serves as the architecture manager, providing management/monitoring related to the financial performance of staff and projects, directing architectural consultants, and managing the more complex architecture-related projects for the Turnpike from concept through construction and occupancy. Turnpike toll buildings collect, store, and transport large amounts of money, making safety and security a high priority.

- Architecture manager, FDOT Florida's Turnpike Enterprise (FTE), Atlantic Avenue Toll Plaza, new mid-size toll plaza.
- Architecture manager, FDOT Florida's Turnpike Enterprise (FTE), Sawgrass Open Road Tolling, aesthetic design guidelines, and renovating the Deerfield and Sunrise toll plazas.
- Architecture manager, FDOT Florida's Turnpike Enterprise (FTE), Homestead Toll Plaza Express, express lane gantries, and renovation of existing plaza.

## Resumes

### **GREENPLAY** LLC

The Leading Edge In Parks, Recreation  
And Open Space Consulting

#### Education

M.S. Organizational Management, University of Phoenix, Denver, 1998

B.S. Magna Cum Laude, Kinesiology, University of Colorado, 1993

NRPA Revenue/ Management Schools, Pacific Revenue School, CA, 2003-2008, Director's Track, CO, 2001

NRPA National Management/ Leadership School for Parks and Recreation, NV, 1996

#### Professional Affiliations

Board of Regents, NRPA Reitz Pacific Revenue and Marketing School, 2006- 2008

Commission for Accreditation of Parks and Recreation Administration (CAPRA) Official Visitor, 2008 - present

Top 100 Women-Owned Businesses, Colorado Biz, 2003, 2005-2008

Professional Member of NRPA, CPRA, and eight other State Associations

#### Awards

Outstanding New Professional and President's Award from CPRA, 1997

### **Teresa Penbrooke, MAOM, CPRP** Park Planning and Operations

Ms. Penbrooke brings substantial career experience and planning expertise to projects for large and small communities on a national level. She founded GreenPlay in 1999, and has been integral in the research, quality, recommendations, and implementation of the innovations that GreenPlay contributes to the field. In addition to leading projects and the firm, Ms. Penbrooke teaches and researches best practices around the country. Ms. Penbrooke is on the Board of Regents for the Reitz Pacific Marketing and Revenue School and the Curriculum Chair for the Planning and Management Institute. She is also an Official Visitor for the Commission on Accreditation for Parks and Recreation Agencies (CAPRA). Ms. Penbrooke also co-founded GP RED in 2008. She now divides her time between special projects, teaching, and administration of the firm.

- GreenPlay, LLC (Founder and CEO), Nationwide, 1999 - present
- North Jeffco Park and Recreation District, Arvada, CO, 1996-1999
- City of Broomfield Parks, Recreation, and Senior Services, CO, 1993-1996
- City of Boulder Parks, Recreation and Mountain Parks Department, CO, 1989-1993

#### Representative Project Experience

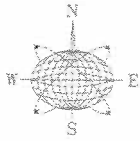
Ms. Penbrooke has led the firm in completion of over 190 projects for communities of all sizes around the U.S. since 1999. The following are some of the key projects on which she has performed as the project manager:

- Fort Lauderdale, FL - Long Range Strategic Plan
- Largo, FL - Parks and Recreation Planning Facilitation
- Largo, FL - Cost Recovery Facilitation
- City and County of Denver, CO – Multiple projects, including the city-wide Game Plan, the master plan for the Stapleton Airport Redevelopment, and the detailed study of 29 indoor recreation centers
- Winter Haven, FL - Parks and Recreation Master Plan
- Washington DC, National Capital Planning Commission – CapitalSpace Master Plan for parks and recreation
- Along with many other large and small community parks, recreation and alternative funding plans

#### Education for:

- American Society of Landscape Architects
- Athletic Business
- National Association of Youth Sports; Rocky Mountain Revenue and Management School
- National Executive Development School
- Innovations Group – Transforming Local Government
- National Recreation and Parks Association; Reitz Pacific Revenue and Marketing School
- Various State Parks and Recreation Associations including: Arizona, Colorado, Florida,
- Key Topics: Master and Strategic Planning; Cost Recovery, Traditional and Alternative Funding;
- Creating Community through Level of Service Analysis; Tools for Communication; Leadership;
- Technology and Trends

# Resumes



## MERIDIAN ENGINEERING

501 PERRY STREET, SUITE 207, KEY WEST, FLORIDA 33040  
 TEL: 305-283-5253 FAX: 305-283-4599  
 EMAIL: r.milelli@meridianeng.com

### Education

B.S. Environmental  
 Engineering and Sciences,  
 University of Florida, 1992

### Registrations/Licenses

Professional Engineer:  
 Florida and California

### Certifications

US Green Building Council

## Richard J. Milelli, PE

### Civil Engineering; Permitting; Public Involvement

Mr. Milelli is a professional engineer who is the principal engineer for Meridian Engineering LLC in Key West, Florida. He is involved with the design of subdivisions and developments in Key West and the Lower Keys. Mr. Milelli has extensive experience in the design of site grading, sidewalks and accessible routes, roads, site lighting, landscaping, storm water management systems, water and sewer distribution systems, and erosion control plans. Mr. Milelli also has experience with permitting and construction coordination with Federal, State and Local agencies such as The City of Key West, Monroe County, SFWMD, ACOE, FCAA, Keys Energy Services, FDEP, AT&T, FDOT, NOAA, and NMFWS.

Mr. Milelli has been employed by Historic Tours of America (HTA), which is the parent company of Meridian Engineering LLC, for the past seven years to the present. Prior to starting work with HTA, Mr. Milelli worked for Perez Engineering and Development (PE&D) in Key West Florida for approximately three years. During his time with PE&D, Mr. Milelli worked on a range of diverse projects including Mallory Square dock services design, Truman Annex water and sewer project, Fort Zachary Taylor entrance and services design, Marquesa Court development, Meridian West affordable project in Stock Island, and the Dolphin Cove development in Sugarloaf Key. The Marquesa Court and Meridian West projects involved the design of roads, sidewalks and ADA accessible routes through the developments.

### Key West Project Experience

**Steam Plant Condominiums.** HTA provided the civil engineering design and construction management services for the conversion of a former power plant to 19 condominiums and the addition of three buildings for affordable apartments. The design included the layout of ADA accessible sidewalks, driveways, water and sewer plans, storm water control, and erosion control. The project is located adjacent to the Key West Bight and is one of the first developments that tourists see when they exit the Ferry Terminal. The project involved working with local contractors, the City of Key West Planning, Engineering and Building Departments.

**Paradise Harbor.** HTA designed and permitted the infrastructure and dock for the seven unit development at 719 Eisenhower Drive in Key West. The design included parking facilities, a seven slip docking facility, storm water management system, sidewalks and driveways compliant with City of Key West requirements, water and sewer services and coordination with local, state and Federal agencies.

**Key Cove Landings.** HTA designed and permitted the infrastructure for a ten unit development at Key Cove Landings (behind Home Depot in Key West). The design included a road and sidewalk that complied with City of Key West requirements, a storm water management system, water and sewer services and coordination with local, state and Federal agencies. This included obtaining a SFWMD ERP permit and coordination with ACOE.

**Marquesa Court.** HTA designed and permitted the infrastructure for a nine unit development at Marquesa Court (next to the Key West Citizen Building on Northside Drive in Key West). The design included a road and sidewalks that complied with City of Key West requirements, a storm water management system, water and sewer services and coordination with local, state and Federal agencies. This included obtaining a SFWMD ERP permit and coordination with ACOE.

### Other Signature Projects

Trinity Development in Key West; Bahama Market Village in Key West; Islander Village and Estates in Stock Island; Park Village in Stock Island; Key Haven Estates in Key Haven; Enchanted Island in Key Haven; Dolphin Cove in Sugarloaf Key; Meridian West in Stock Island; and Paradise Landings in Marathon.

## Resumes

### William P. Horn, Architect, PA

#### Education

M.A., Architecture, University of Pennsylvania, Graduate School of Fine Arts, 1988

B.S., Architecture, Clemson University, 1982

#### Registrations/Licenses

State Of Florida: No. 13537

#### Certifications

N.C.A.R.B. ( National Council of Architectural Registration Boards ) No. 52247

### William P. Horn, RA, NCARB Historical Preservation/Resources

#### Experience

**William P. Horn Architect, P.A., Key West, Florida.** The firms' principal, William P. Horn, has been a Florida registered architect since 1990. Mr. Horn has been in Key West since 1988 and has worked on over 100 historic renovation projects within the historic district of Key West. Previous major renovation projects include the Hardrock Cafe (313 Duval Street), renovating the old Strand Theater into a Walgreens (527 Duval Street), renovating the Lewinsky Building (526-528 Duval Street), and renovating the Old Stone Church (600 Eaton Street). Currently, Mr. Horn is renovating the Southern Cross Hotel (326 Eaton Street) which was the former law office of Nathen Eden, renovating the Hospitality House Welcome center in Mallory Square, and making renovations to 422 Front Street, the former historic First National Bank on the corner of Front and Duval Street

Mr. Horn presently has an annual contract with The Monroe County School Board and Monroe County for architectural services. He has successfully completed numerous projects for Monroe County, including three fire stations and a master plan for Higgs Beach Park. He has successfully completed numerous projects for the Monroe County School Board, including Sugarloaf Elementary School Park (football and baseball fields and fitness track) and Ponciana Elementary School soccer fields. He is working with the City of Marathon on a new Fire Station on Grassy Key and have previously completed a master plan for the City at Marathon Marina, Boot Key Harbor.

Mr. Horn is a member of the NCARB (National Council of Architecture Registration Boards), the Key West Chamber of Commerce, Sunrise Rotary Club of Key West and was a past member of the Historic Architectural Review Commission (HARC) Board of Key West for four years and was chairman for three years.

Previous experience includes:

**Gonzalez Architects, Key West, Florida.** Served as project manager from 1988 to 1993 for projects that included educational, commercial, affordable housing, and residential and planning services.

**Bower Lewis Thrower/Architects, Philadelphia, Pennsylvania.** Served as designer from 1986 to 1987 for Institutional, commercial and residential projects.

**Harold E. Gebhard, Williston Park, New York.** Served as project architect from 1983 to 1986. Projects included large scale renovations, commercial, and residential.

**Keller/Sangrin Associates/Architects, Massapequa, New York.** Served as designer/draftsperson from 1985 to 1986 working on custom residential projects.

### 3. Relevant Project Experience

A commitment to excellence and quality service has enabled Atkins team members to play a key role in the success of many projects.

**Client**  
City of Clearwater

**Client's representative**  
Michael Quillen, PE  
Director of Engineering

**Address**  
100 South Myrtle Avenue  
Clearwater, FL 33756

**Telephone number**  
727.562.4743

**Key Personnel**  
Thomas L. Johnson, RLA,  
LEED AP – Project Manager

David W. Larsen, RLA – Senior  
Landscape Architect

Willson McBurney – Program  
Manager

**Design service fee**  
\$1,252,348

**Construction cost estimate**  
\$16,557,613

**Name of contractor**  
Nelson Construction

**Contract award amount**  
\$16,621,000

**Contractor's representative**  
Jocelyn Like

**Contractor's address**  
3483 Alternate 19  
Palm Harbor, FL 34683

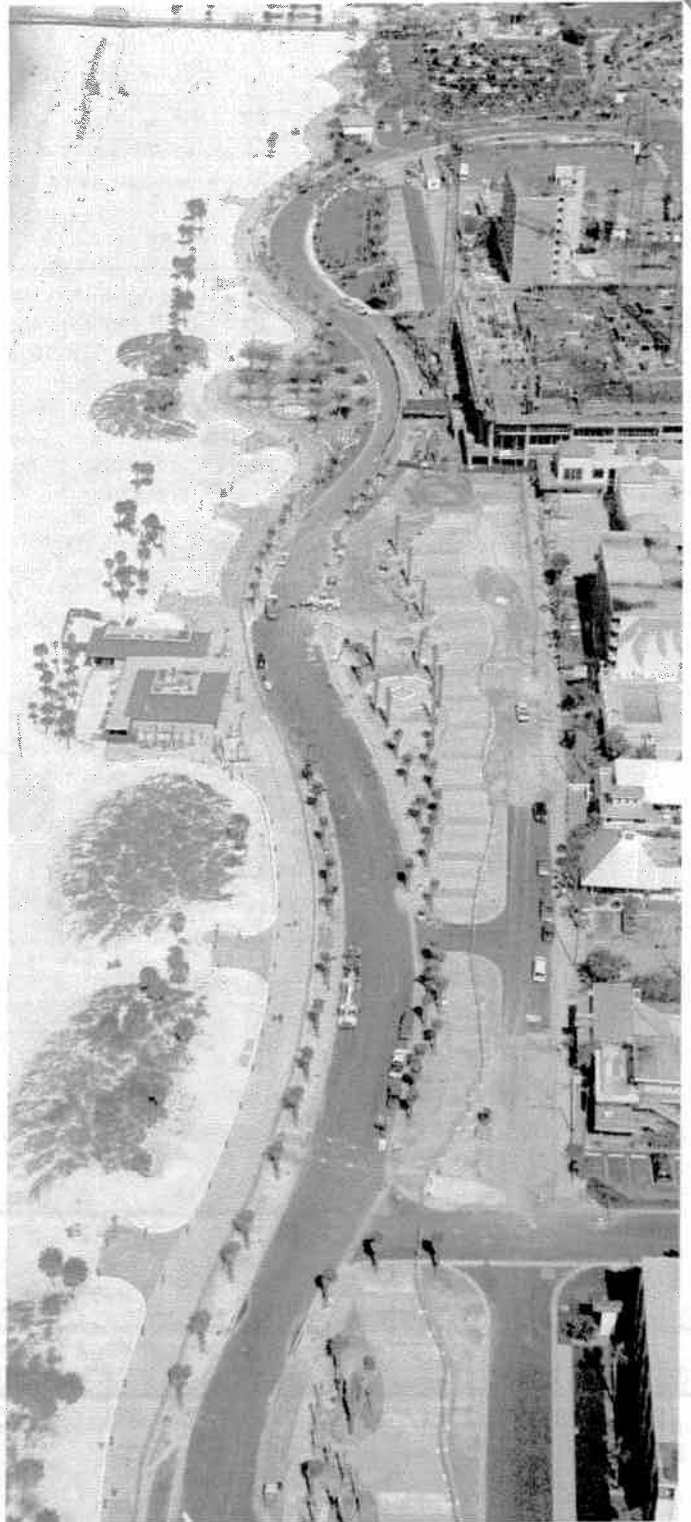
**Telephone number**  
727.784.7624

#### Clearwater Beach Walk Clearwater, Florida

With its gentle surf, beautiful sunsets, and wide, sandy white shores, Clearwater Beach—located in Pinellas County along the west coast of Florida and the shores of the Gulf of Mexico—has been a nationally recognized destination for beachgoers for many years. In 2001 the City of Clearwater adopted Beach by Design: A Preliminary Design for Clearwater Beach and Design Guidelines, which set in motion the impetus for redevelopment of Clearwater Beach as a great beach destination. The City enlisted the services of Atkins to assist in the creation of Clearwater Beach Walk—a \$30 million beach-side urban and streetscape redevelopment project. The entire area was renamed Beach Walk, and includes a 2,400-foot-long by 25-foot-wide pedestrian promenade, connection to the Pinellas County trail system via a 20-foot-wide by 1,800-foot-long hike/bike trail, entry gateways, public plaza spaces, unique beach entrances, seating areas, beach-inspired public art and coastal landscaping. Also, the master plan included street widening, rebuilding of underground utilities, urban streetscape improvements to Coronado Drive, and realignment of Gulfview Boulevard into a curvilinear and scenic beachside drive.



## Clearwater Beach Walk (con't)



**Client**  
City of Alexandria

**Client's representative**  
Mr. Mohammed M. Halim,  
PE, (Retired) Division  
Chief, Engineering &  
Design, Transportation &  
Environmental Services

**Address**  
301 King Street  
Alexandria, VA 22314

**Telephone number**  
703.519.3400

**Key Personnel**  
Stephen Pophal  
Project Manager

William P. Pitcher, PE  
Marine Structural Engineer

**Design service fee**  
\$160,617

**Construction cost estimate**  
\$843,200 (with all additional  
alternates)

**Name of contractor**  
Virginia Marina Structures

**Contract award amount**  
\$641,282

**Contractor's representative**  
Chris Coleman

**Contractor's address**  
217 South Battlefield Blvd.  
Chesapeake, VA 23322

**Telephone number**  
757.222.0886

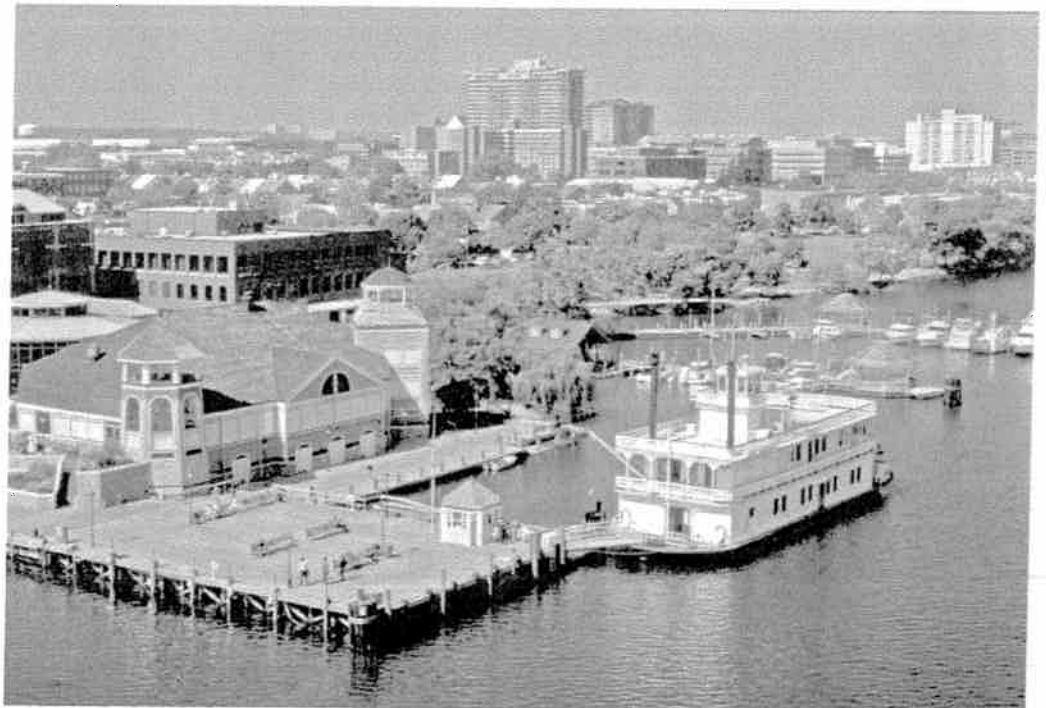
## Potomac River Waterfront Restoration Alexandria, Virginia

Atkins designed and prepared construction documents for waterfront improvements for the City of Alexandria, a quaint historic town across the Potomac River from Washington, DC. The Alexandria waterfront was an important colonial port during the colonial, revolutionary and Civil War periods. Today Old Town Alexandria is a revitalized waterfront with cobblestone streets, colonial houses and churches, museums, shops and restaurants. The project scope was the repair and upgrade of the bulkheads, walkways, piers and jetties that form the connection between the river and the promenades, the parks and tourist features of the Old Town district. The work was performed as part of the City's ongoing commitment to provide a safe and high quality experience for the visitors.

Included in the work were site preparations for a future condominium marina at the Old Yacht Basin; bulkhead, walkways, and landscape improvements at two city parks; a new pier at the Old Dominion Boat Club that overlooks the Alexandria Marina; and various charter vessel mooring improvements at the Torpedo Factory Pier. Atkins also provided architecturally screening electrical transformers in various locations within the historic district for St. Marys Church.

### Old Town Yacht Basin Improvements

Windmill Park, the site of an abandoned marina, is located along the shores of the Potomac River. Shallow water prohibits most boats from accessing the basin. The existing piles and walkways were in an advanced state of deterioration. The design involved the removal and disposition of the deteriorated piling, and site preparation for the development of a future condominium development.

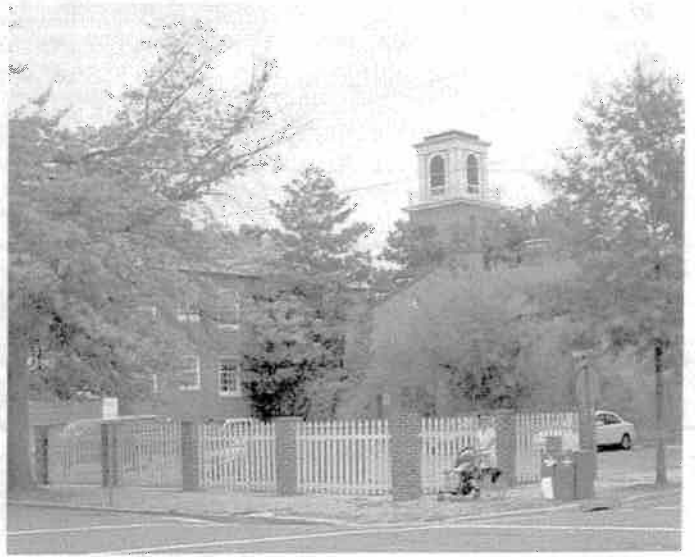
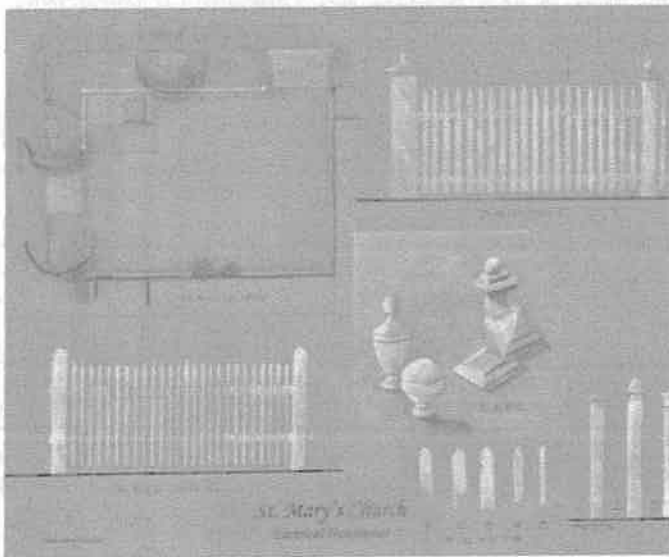


### Point Lumley Park Improvements

Point Lumley Park is located at the Potomac River's edge with Duke Street. Years of storm damage left the existing walkway in poor condition and portions of its concrete bulkhead were crumbling and falling into the river. Atkins developed a revitalization plan for the park. The project included adding new bulkheads along the waterfront to protect the park from future deterioration, new architectural landscaping, and walkways to regenerate the park.

### Waterfront Park Improvements

Waterfront Park, a city-owned park, is located between King and Prince Streets on the Potomac River. The existing top of the bulkhead, which forms the waterfront walkway's edge, settled, causing portions of the sidewalk to collapse. Construction services consisted of removing the old concrete walk and bulkhead cap, making necessary repairs to the bulkhead, and installing a new concrete sidewalk. The existing floating pier's connection with shore was stabilized. New bollards and mooring cleats were added.



**Client**  
Baldwin Park Development  
Company

**Client's representative**  
David Pace

**Address**  
420 South Orange Avenue  
Suite 400  
Orlando, FL 32801

**Telephone number**  
407.515.6984

**Key Personnel**  
David W. Larsen, RLA  
QA/QC

John H. Classe, Jr., PE  
Managing Director  
(for the client)

**Design service fee**  
\$540,490 for services  
provided by Atkins

**Construction cost estimate**  
Not included in services  
provided

**Name of contractor**  
Various\*

**Contract award amount**  
Various\*

**Contractor's representative**  
Various\*

**Contractor's address**  
Various\*

**Telephone number**  
Various\*

\*The infrastructure and common area improvements were designed and constructed in four phases over six years using numerous general contractors.

## Baldwin Park Orlando, Florida

Baldwin Park is one of Central Florida's newest traditional neighborhoods. It is an 1,100-acre, mixed-use, master-planned community located just two miles from downtown Orlando. Unfolding on the former Orlando Naval Training Center site, it is among the nation's largest in-city redevelopment projects. Baldwin Park has approximately 4,000 homes, 850,000 square feet of commercial and retail space, and 8,000 residents. The master plan concept was developed by combining the principles of new urbanism with the goal of reconnecting the property with the surrounding area. With a variety of home styles from townhomes to custom homes, a vibrant Village Center, top-rated schools, abundant parks and lakes, and a pedestrian-friendly layout, Baldwin Park is an exciting addition to Orlando's existing neighborhoods.

The project also restored Lake Baldwin's shoreline by adding a nature trail and a public park, and partnered with the Audubon Society to create a viable ecosystem where none had previously existed. Comprehensive civil engineering and landscape architecture services, from conceptual design through construction administration, were provided for several neighborhoods as well as a wide range of projects that included streetscape programs, pocket parks, trail connections, neighborhood business district, common areas, and median entry features. Atkins landscape architects accomplished the developer's sustainable vision of restoring and enhancing the site's environmental resources by transplanting or relocating existing mature trees throughout the development, an effort that preserved more than 100 live oaks.

Baldwin Park garnered top national awards for its world-class vision, smart-growth development, major new infrastructure buildout, vital transportation solutions, and integration into the surrounding community. This infill redevelopment project clearly represents a model for future military base reuse projects.



**Client**  
Brevard County

**Client's representative**  
Jack Masson, Brevard County  
Parks and Recreation Director

**Address**  
2725 Judge Fran Jamieson  
Way  
Viera, Florida 32940

**Telephone number**  
321.633.2046

**Key Personnel**  
David W. Larsen, RLA  
Project Manager

Thomas L. Johnson, RLA,  
LEED AP – Senior Landscape  
Architect

**Design service fee**  
\$1,135,827

**Construction cost estimate**  
\$6,553,182\*

**Name of contractor**  
Mulligan Constructors

**Contract award amount**  
\$3,112,000

**Contractor's representative**  
Jason Mulligan

**Contractor's address**  
3601 Vineland Road, Suite 14  
Orlando, FL 32811

**Telephone number**  
407.468.9905

\*Construction cost estimate is high due to Brevard County removing several portions of the bid to self perform, including all roadway work

## Rodes Park Brevard County, Florida

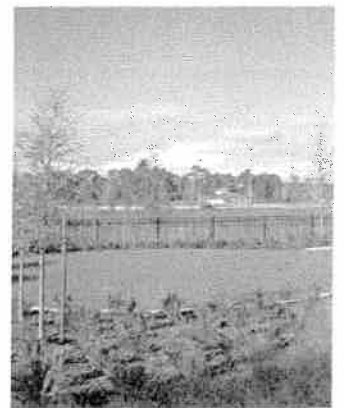
Atkins was selected to develop the Rodes Park Master Plan and provide full landscape architectural services for this new 130± acre regional park. Rodes Park is part of the Brevard County park system. Beyond the active recreational facilities, the master plan also focuses on preserving existing wetlands and natural features and incorporating these areas into the trail system. Stormwater ponds are strategically located and designed to be aesthetic and functional landscape features for the park.

The master plan program includes an 18,000-sf community center with a pool, multiple one and two-story rest room/concession facilities with meeting rooms, two lighted football fields, six lighted tennis courts, two lighted basketball courts, six soccer fields, one lighted, lake features, boardwalks and trails system, picnic areas and pavilions, two playgrounds, parking for over 700 vehicles, and one four-bay maintenance facility.

Baseball/softball fields include one lighted senior field, three lighted major baseball fields, two lighted major softball fields, and one lighted T-ball field.



## Rodes Park (con't)



**Client**  
Osceola County

**Client's representative**  
Terry Johnson

**Address**  
366 North Beaumont Avenue  
Kissimmee, FL 34741

**Telephone number**  
407.742.7800

**Key Personnel**  
Kristin Caborn, CPRP, FCP  
Project Manager

Thomas L. Johnson  
Senior Landscape Architect

**Design service fee**  
108,020

**Construction cost estimate**  
\$332,351\*

**Name of contractor**  
Arco Construction

**Contract award amount**  
\$305,328

**Contractor's representative**  
Sonny Fayne

**Contractor's address**  
1110 Pennsylvania Ave.  
St. Cloud, FL 34769

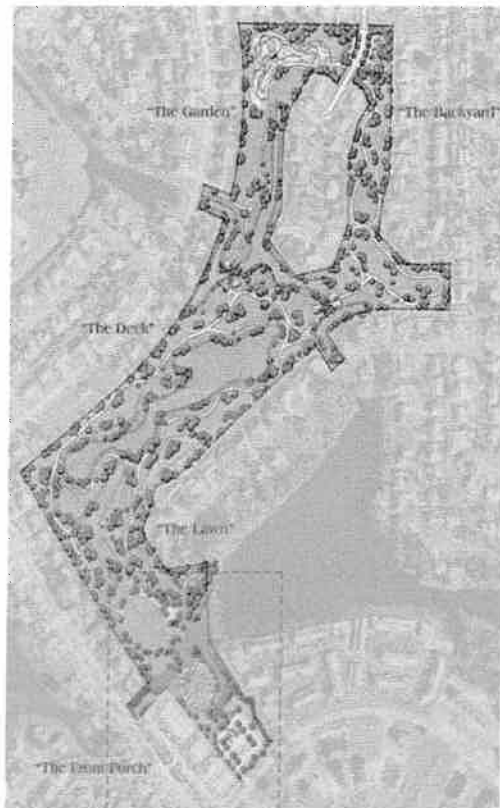
**Telephone number**  
407.892.0111

\* A playground was included in the cost estimate that was not included in the contractor's amount.

## 65th Infantry Veteran's Park Master Plan Kissimmee, Florida

In 2008, Osceola County purchased a nine-hole golf course located in Buenaventura Lakes for the purpose of stormwater improvements. Upon completion of the improvements, remaining land will be dedicated for a passive public park. Atkins provided master planning services that included two conceptual plans, final master plan, two public meetings, and a cost estimate. The park is envisioned to be an "extension of your backyard" for the neighbors who live adjacent to the property, yet serve all the residents in this densely populated area of the county.

The park will take advantage of the existing topography remaining from the golf course by having an extensive trail system that meanders throughout the site and along existing water bodies. Other site amenities will include a playground, community garden, picnic areas and shade pavilions, an exercise course, Frisbee golf course, fishing dock, and open space. Phase 1 improvements have been built as of March 2011.



**Client**  
City of Tallahassee

**Client's representative**  
Blas Gomez, PE

**Address**  
300 South Adams Street  
B-26  
Tallahassee, FL 32301

**Telephone number**  
850.891.6860

**Key Personnel**  
Victor H. Herrera, PE

**Design service fee**  
\$124,000

**Construction cost estimate**  
\$8,500,000

**Name of contractors\***  
Solomon Construction  
Company  
Sandco, Inc.

**Contract award amount**  
\$6,800,000

**Contractor's representative**  
Solomon Construction:  
Sam Solomon

Sandco: Robert Myrick

**Contractor's address**  
414 Caldwell Street  
Quincy, Florida 32351  
Sandco –  
4708 Capital Circle Northwest  
Tallahassee, FL 32303-7256

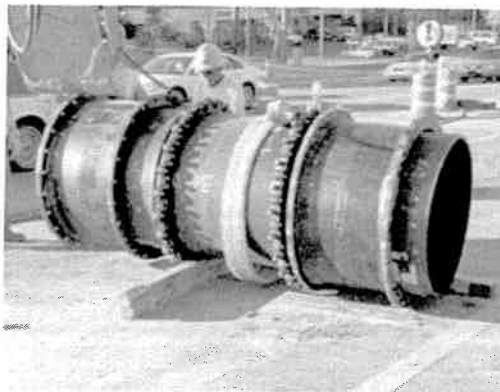
**Telephone number**  
Solomon – 850.627.8428  
Sandco – 850.402.1111

\* Project was split into two phases.

## Capital Circle Force Main Repair Tallahassee, Florida

As a result of extraordinary rainfall from Tropical Storm Fay in August 2008, three pipe breaks occurred in a key section of the City of Tallahassee Capital Circle Roadway Force Main. This section of force main is approximately 2 miles in length and is constructed of 36-inch diameter Hobas pipe. Due to the high risk of additional breaks, this section of force main remained out of service with sewage being redirected around it. Since this force main is routed underneath an FDOT roadway and one of the busiest roadways in the City of Tallahassee, a trenchless technology method was required to repair the force main to expedite construction and minimize disruption to the existing roadway.

The City of Tallahassee contracted Atkins to serve as the Owner's Engineering Representative (OER) and review the consultant's approach, oversee the internal pipe inspection, review the proposed design drawings and specifications, coordinate with permitting agencies, as well as performing construction oversight. Atkins was responsible for coordinating the multiple phased approach of the project in order to have the line fully functional within 300 days.



**Client**  
Miami Dade College

**Client's representative**  
Carlos Dougnac

**Address**  
11011 SW 104 Street  
Miami, FL 33176

**Telephone number**  
305.237.0608

**Key Personnel**  
Larry Levis, AIA  
Principal-in-Charge  
Victor H. Herrera, PE  
Civil Engineer  
Pedro L. Trevin, PE, LEED AP  
Electrical Engineer

**Design service fee**  
\$1,490,000

**Construction cost estimate**  
\$15,800,000

**Name of contractor**  
Turner Construction Company

**Contract award amount**  
\$16,000,000

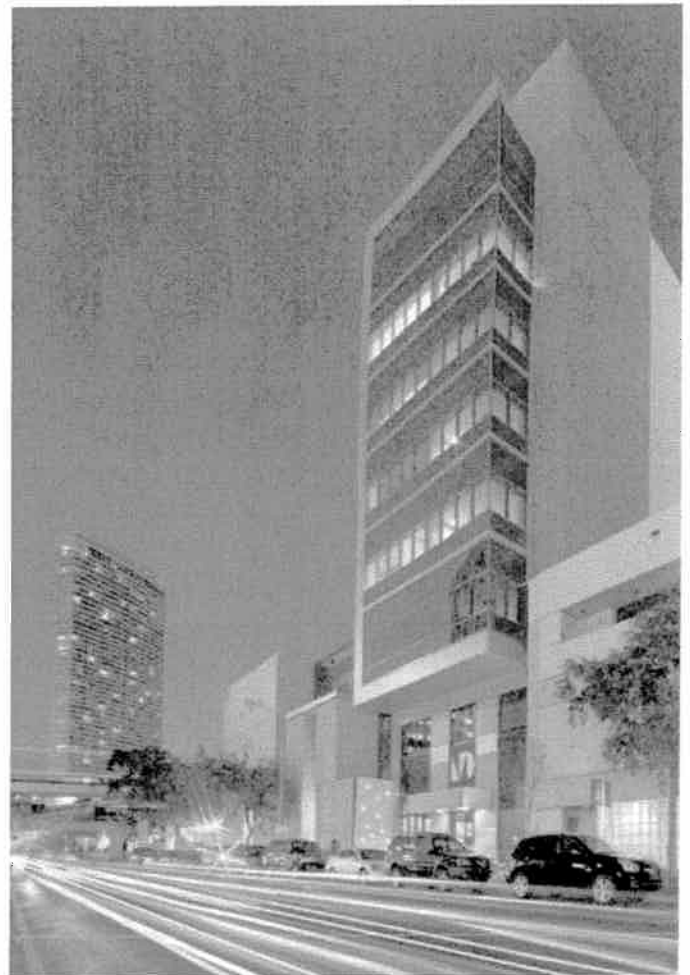
**Contractor's representative**  
Robert Leyva

**Contractor's address**  
1000 NW 57th Court  
Suite 200  
Miami, FL 33126

**Telephone number**  
786.621.9000

## Miami Culinary Institute Miami, Florida

Atkins provided complete architectural and estimating, civil engineering, and surveying, from programming through construction support, for the Miami Culinary Institute. A model of sustainability and urban stewardship, the eight-story building is LEED Gold-certified and incorporates six cooking/teaching labs, a television studio/demonstration lab, and a full-service restaurant on the top floor. Other spaces include a café, classrooms, and administrative offices. As a modestly scaled yet iconic infill building, this project embodies a new paradigm of urban development and architecture. A model of sustainability and urban stewardship, the eight-story culinary institute is LEED Gold-certified.



**Client**  
City of Miami

**Client's representative**  
Sandra Vega

**Address**  
3500 Pan American Drive  
Miami, FL 33133

**Telephone number**  
305.416.1243

**Key Personnel**  
Diego J. Clavijo, PMP  
Project Manager

William P. Pitcher, PE  
Coastal Engineer

Adam Gelber  
Environmental

**Design service fee**  
\$94,000

## Bicentennial Park Seawall Structural Analysis and Evaluation Study

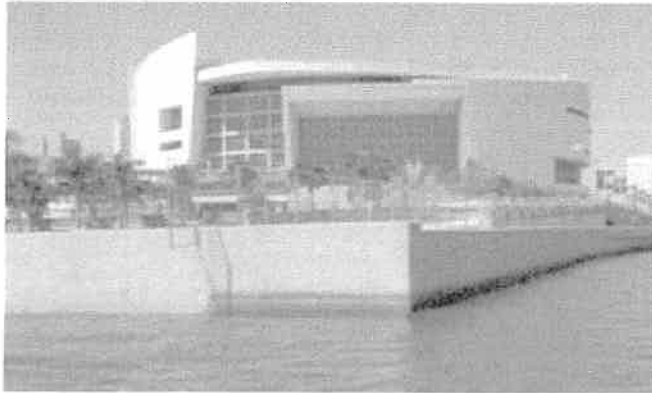
Miami, Florida

Atkins conducted a study of intra-coastal waterway seawalls along Bicentennial Park and American Airlines Arena waterfronts. The City of Miami (COM) was the client for the 611-foot portion of the bulkhead that bounds the American Airlines Arena (Parcel B). Conclusion of the study was relevant to adjacent and northerly seawalls, known as areas 1, 2, and 3, owned by Miami Dade County

The purpose of the COM Parcel B study was to investigate the design and construction of the Parcel B Seawall, which reportedly exhibited signs of outward lateral movement and vertical displacement, concrete walkway and backfill settlement, and the apparent loss of earthen fill materials from behind the seawall. The investigations focused on the determination of the probable cause or causes of the notable deficiencies including, but not limited to wall movement, walkway settlements, and loss of backfill materials.

The purpose of the MDC investigation of areas 1, 2 and 3 was to access the cause or causes of apparent wall movement and wall distress at the common junction with the COM. Additionally, as part of the investigation, the City requested Atkins to examine possible causes of ground subsidence which had occurred, to varying degrees, along the study area, but most notably where the City and County seawalls join. Additionally the MDC investigation was to examine the ground subsidence as well as study the adverse effects of installation of 16 large mooring dolphins on the MDC bulkhead.

Note: This project was an assessment so no construction was performed.



**Client**  
City of Miami

**Client's representative**  
Elyrosa Estevez

**Address**  
444 SW 2nd Avenue  
Miami, FL 33130-1910

**Telephone number**  
305.416.1295

**Key Personnel**  
Victor H. Herrera, PE  
Project Manager  
  
James D. Crook, PE, LEED AP  
Senior Civil Engineer  
  
Juan M. Alfonso, Associate  
AIA – Estimating Manager  
  
Diego J. Clavijo, PMP  
Client Service Manager

Note: This project is in the design phase at this time.

## Stormwater Work Program Development for Stormwater Improvements Miami, Florida

Atkins was selected by the City of Miami to assist in the development of a stormwater work program to address more than 100 stormwater structures that were not in compliance with local regulatory criteria. Evaluations were conducted of the 135 auger-hole structures that were installed in multiple locations by the City of Miami and a work program developed that addresses the improvements needed at each structure in order to be in compliance with regulatory agencies.

In order to cut costs and improve the productivity of field inspection crews and engineers providing recommendations, Atkins civil engineers teamed up with the firm's Applied Technologies Group (ATG) to develop a GIS-based field inspection application, geodatabase, and automated reporting generation tool. ATG developed an ESRI geodatabase and ArcPad application on a handheld Trimble computer so inspectors could navigate to the stormwater structures, conduct detailed structure assessments, and collect photos. Once the data was compiled, they were brought back to the office and loaded into the geodatabase where engineers could quickly review the field inspection data, photographs, and City GIS data in a custom Microsoft Access application and make engineering recommendations on each structure. When the recommendations were complete, the application generated a standardized report.

Elements of the work included utilization of existing data provided by the City, site visits to each structure, developing alternatives that are permissible with the Florida Department of Environmental Protection (FDEP) Underground Injection Control Program and Miami Dade County Department of Environmental Resources Management (DERM), preparing preliminary construction documents and specifications, and compiling a thorough report that would be used as a design criteria package for a design/build request for proposal (RFP).

**Client**  
City of Miami Springs

**Client's representative**  
Robert Williams, Director

**Address**  
345 N. Royal Poinciana Blvd.  
Miami Springs, FL 33166

**Telephone number**  
305.805.5170

**Key Personnel**  
Victor H. Herrera, PE  
Project Manager/  
Client Manager

James D. Crook, PE, LEED AP  
Senior Civil Engineer

**Design service fee**  
\$75,000

**Construction cost estimate**  
\$622,000

**Name of contractor**  
Florida Engineering &  
Development Corporation

**Contract award amount**  
\$546,000

**Contractor's representative**  
Jose Vega

**Contractor's address**  
12076 NW 98th Avenue  
Hialeah Gardens FL 33018

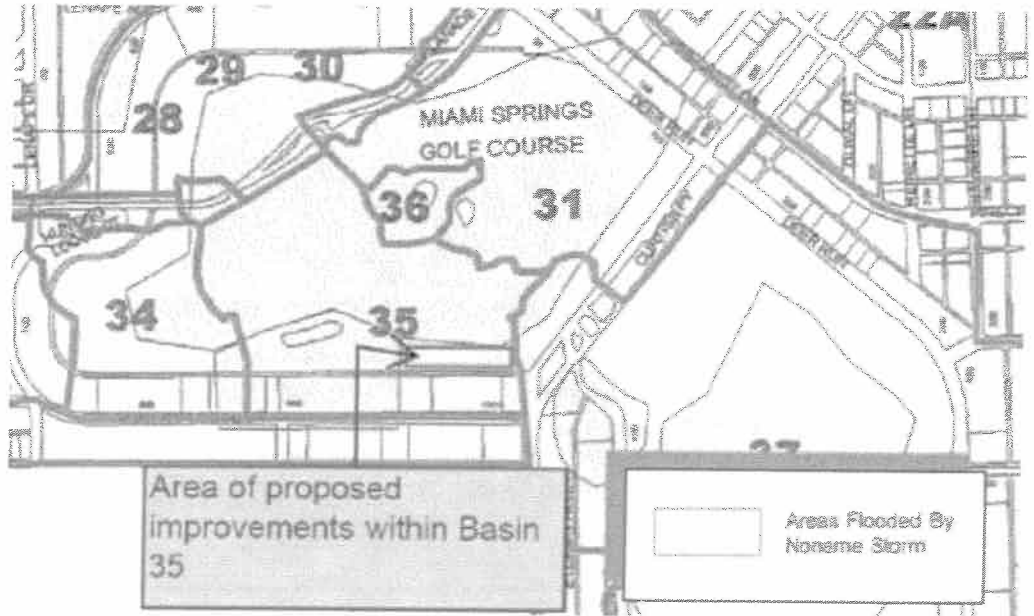
**Telephone number**  
305.820.8333

## Miami Springs Golf Course Design Stormwater Improvements

Miami Springs, Florida

Atkins has been serving the City of Miami Springs for more than 20 years under a general engineering contract. In this capacity, Atkins has provided a multitude of expertise for the ongoing development and improvements within the City. Based on a previous stormwater master plan developed by Atkins in 2001, implementations of projects were put underway and Atkins was requested to serve as the engineer of record.

The most recent update consisted of stormwater improvements to Basin 35, which includes the City's golf course, as well as the fragile drinking water wells for Miami Dade County. Extensive coordination was made with the County in order to assure appropriate design with the Water Management District's strict policies in the area. In addition, Atkins conducts all site plan reviews on behalf of the City. In this capacity, consistency is identified with the City's codes as well as technical input provided to assure the infrastructure proposed is in compliance with regulatory criteria.



## Additional Project Experience

Additional project examples showcasing Atkins' waterfront, park, museum, and sustainable projects are highlighted below.

### Client

Town of Jupiter

### Riverwalk Services (Phase 1)

Waterfront development

Development guidelines

Plan and recreational planning

Civil engineering

Environmental permitting

Landscape architecture

### Pedestrian Bridge Service (Phase 2)

Cost analysis

Landscape architecture

### Key Personnel

David W. Larsen, RLA

Stephen D. Whiteford

Pedro L. Trevin, PE, LEED AP

William P. Pitcher, PE

Juan M. Alfonso, Associate AIA

Roberto D. Mantecon,  
PLS, PSM

### Awards

2009 Structures Project of the Year – Florida Chapter of the American Public Works Association

## Jupiter Riverwalk and Pedestrian Bridge Jupiter, Florida

The Jupiter Riverwalk is a unique linear park that begins at the Atlantic Ocean's Jupiter Inlet and winds its way south, following a 2.5-mile course along Florida's Intracoastal Waterway.

Originally begun as an environmental study with the intent of understanding, preserving, protecting, and enhancing the natural ecosystem, the study evolved into a feasibility study and master plan for the 2.5 mile riverwalk corridor. To protect the community vision, the town put into place zoning districts and created land development guidelines and regulations for the proposed corridor based on public and stakeholder input developed through a public workshop process. Detailed design and site planning were developed for Phase 1, a 1,600-foot length section of the Riverwalk.

In Phase 2, Atkins developed a bridge design report to assess the cost, aesthetics, and structural design requirements for a 750-foot crossing to connect Phase 1 to the remaining portion of the corridor. A benefit of the riverwalk has been economic stimulation along the U.S. 1 corridor.



**Client**  
Roatan Cruise Terminal  
S.A. de C.V.

**Services**  
Master planning and design  
Construction administration

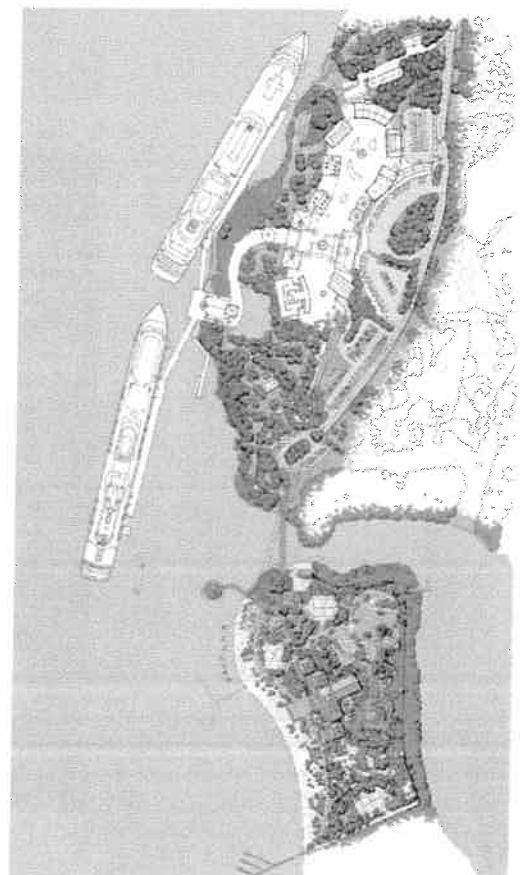
**Key Personnel**  
Laurence Levis, AIA, NCARB  
Project Manager  
Alex Camps, AIA, LEED AP  
Senior Architect  
Douglas A. Ramirez, PE  
Senior Engineer

## Mahogany Bay Destination Cruise Village Roatan Island, Honduras

Atkins completed the design and construction administration of the new Mahogany Bay cruise terminal development—a themed destination retail village comprising 17 discrete buildings, and incorporating a multimodal center for all manner of vehicle transfers. Mr. Levis coordinated a Florida and Honduras production team for this project.

The design exploits a hilly topography and spectacular views afforded by the wooded site. The master plan incorporates a new 2 km-long road connecting to the island's main highway, and calls for all new utilities and infrastructure, including a wastewater treatment plant, cistern, grey-water irrigation, and pervious paving in staging areas to reduce runoff during the winter monsoons.

Stylistically, the buildings reflect a variety of influences: British Honduran-colonial, indigenous Roatan island (especially the ribbed metal roofs), and generalized Spanish-Caribbean colonial, through the variety of pastel hues. Deep porches and canopies provide relief from the tropical sun, while fountains provide focus and coolness to the large expanses of plaza, which are designed to hold upward of 4,000 visitors at any given time. The most noteworthy feature is a curving bridge—as wide as 50 feet—linking the pier level and its main duty-free shop to the village perched 30 feet above, and wrapping around a man-made lagoon lined with native hardwood vegetation.



**Client**  
City of Newport News

**Services**  
Waterfront development  
Landscape architecture

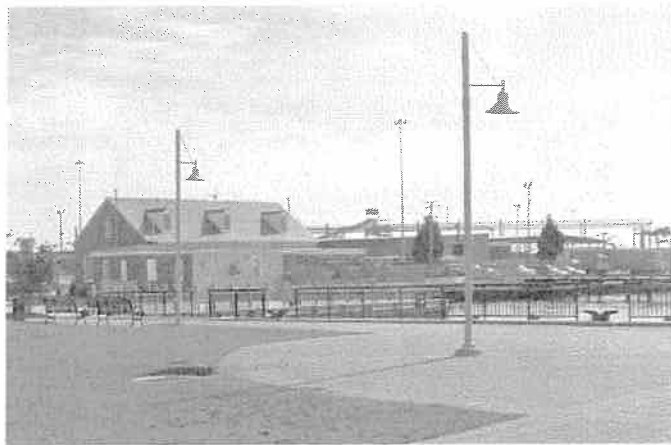
**Key Personnel**  
Stephen D. Whiteford  
Senior Designer

## Victory Landing Park Newport News, Virginia

Victory Landing is a nine-acre public park along the James River waterfront in downtown Newport News. It is situated between the water and the Virginia Advanced Shipbuilding and Carrier Integration Center (VASCIC), a \$58-million, seven-story office tower with a 120,000 square foot laboratory wing.

The park, designed by Atkins, occupies a portion of the James River waterfront at the original site of the Point of Embarkation for U.S. Military soldiers during the Spanish American War, World War I, and World War II. Access to the park is through the Victory Arch, which was built to commemorate those soldiers who fought in the wars.

The park plans include benches, decorative water fountains, sculptures, decorative lighting, detailed pavement patterns, banners, and landscaping along a waterfront promenade. Concepts for the park also include incorporation of nautical themes reflecting the long history of shipbuilding in Newport News. Two existing sanitary sewer pump station buildings received "a new skin" and lush landscape treatment to help integrate them appropriately into the new VASCIC/Victory Landing environment.



**Client**  
Glynn County

**Client's representative**  
Ben Slade  
Executive Director  
St. Simons Land Trust

**Address**  
109 Hawkins Island Drive  
St. Simons Island, GA 31522

**Telephone number**  
912.638.9185

**Key Personnel**  
Richard F. Rohrer  
Project Manager  
  
Stephen D. Whiteford  
Senior Planner

**Design service fee**  
\$125,000

Note: This project was a design project and master plan was completed in late 2006.

## St. Simons Village Master Plan

### St. Simons Island, Georgia

The Village on St. Simons Island is as much a part of the island's unique character and charm as its moss-draped live oaks, beautiful beaches, and dramatic marsh views. In recent years, the Village, along with the rest of the island, has seen significant new growth and development. At the heart of the Village are the Pier, Neptune Park, the historic Lighthouse and casino complex. The Village serves as the town center, or "downtown," for the entire island. Through a visioning process, Atkins helped bring the community together to form a consensus-based, unified master plan for the historic village. The master plan successfully integrated the historic elements and the village commercial area into a single planned space. This allowed the community to efficiently plan events and capitalize on their combined strengths. During the Visioning process Atkins performed a market analysis, an overall parking study and provided the stakeholders with a implementation strategy for proposed improvements.



**Client**  
BEA International

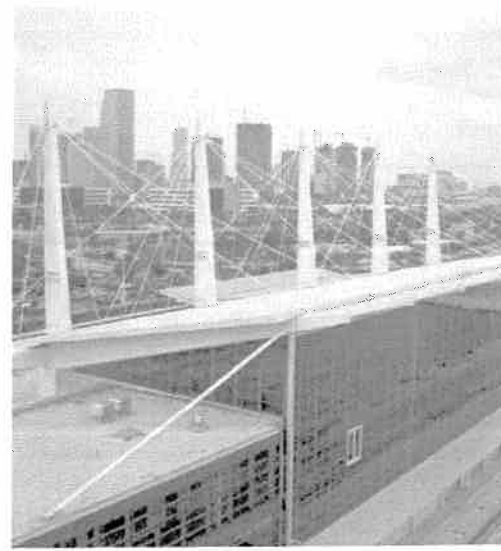
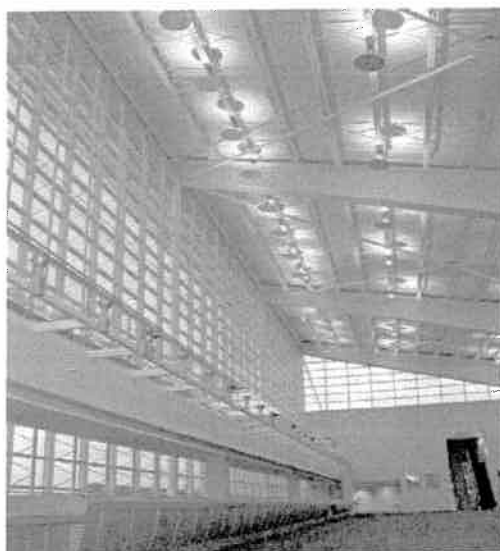
**Services**  
Mechanical engineering  
Electrical engineering  
Plumbing  
Fire protection

**Key Personnel**  
Carlo Del Valle, PE  
Project Manager  
Pedro L. Trevin, PE, LEED AP  
Electrical Engineer

## Port of Miami Cruise Terminals D and E Miami, Florida

As a subconsultant, Atkins provided all mechanical, plumbing, fire protection, smoke evacuation, and electrical engineering for two new cruise terminals. Each terminal is three-stories and consists of a 115,000 square-foot passenger terminal with luggage, customs, and immigration on the ground floor, passenger ticketing, and waiting on the second floor, and passenger bridge loadings on the third floor.

The MEP work involved the preparation the design of the HVAC, plumbing, fire protection, smoke evacuation, lighting, power, fire alarm, security, data/communication and sound systems, construction supervision, and shop drawing review. Atkins coordinated with various entities, including U.S. Customs and Immigration and Carnival Cruise Line to determine their requirements. The interior lighting was state of the art with lighting reflecting on mirrors to provide an unobstructed view.



**Site Developer**  
The St. Joe Company

**Transition Client**  
Simon Property Group

**Services**  
Site planning  
Engineering  
Permitting  
Landscape architecture  
Zoning  
Construction administration

**Key Personnel**  
Stephen D. Whiteford

## Pier Park Panama City Beach, Florida

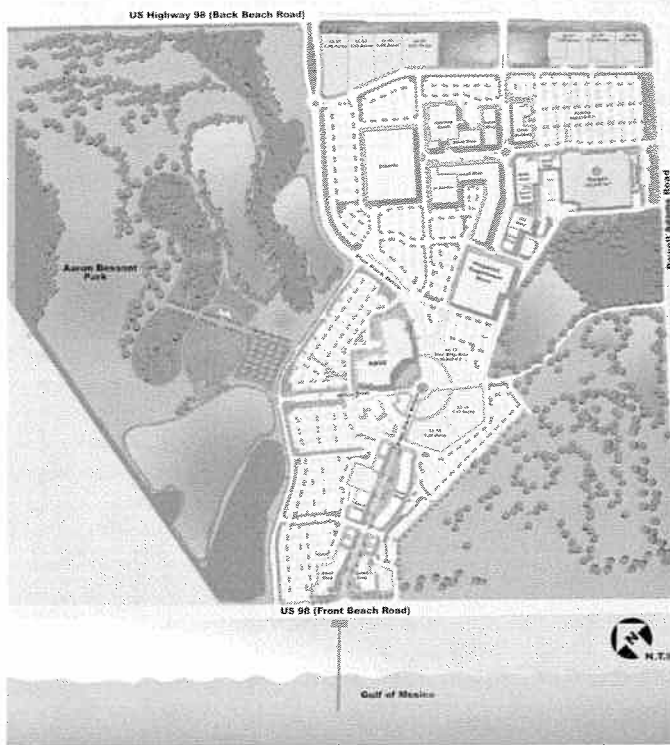
Pier Park is a mixed-use development of regional impact (DRI) on approximately 266 acres (including wetlands and upland preservation) in Panama City Beach, Florida. The City of Panama City Beach operates a large and successful pier on the Gulf of Mexico on the south part of the site. The City owns 78 acres of the site, a small part of which is currently being used for pier and beach parking and for occasional public events and festivals.

Atkins provided assistance to The St. Joe Company in obtaining a Comprehensive Plan Amendment (CPA), zoning and development of regional impact approval (DRI) for the project. Subsequent consultation, investigations, graphics, and reports were provided as they relate to the petition for creation of a community development district (CDD) in Atkins' role as district engineer. Atkins continued to provide the CDD with site engineering including utilities; roadway and stormwater design; permitting assistance through FDEP, FDOT, the Environmental Protection Agency, and the City of Panama City Beach; landscape and hardscape design; and construction administration. The DRI was approved in May 2002 and construction of Pier Park's primary infrastructure components was completed in 2003. The resulting infill redevelopment provides an important focus of entertainment, recreation, and shopping for the community's tourists and residents.

The Simon Property Group (SPG) purchased a major portion of Pier Park to develop and operate approximately a 1.1-million square-foot, open-air regional lifestyle center, bringing unique shopping, tourist attractions and dining to the Panama City Beach Area. Atkins was responsible for providing SPG with professional services including data collection/evaluation, site planning/design/engineering, requisite permitting/approvals, and construction administration for their proposed new retail center at Pier Park.



## Pier Park (con't)



**Client**  
City of St. Cloud

**Services**  
Waterfront/marina planning  
Master planning  
Park and recreational planning  
Landscape architecture  
Structural engineering  
Civil engineering  
Municipal engineering  
Environmental services  
Construction documents

**Key Personnel**  
David W. Larsen, RLA  
Thomas L. Johnson, RLA,  
LEED AP  
William P. Pitcher, PE

**Awards**  
2007 Facility Showcase –  
Featured in Florida Recreation  
and Parks Association  
2006 Award of Excellence,  
Parks and Recreation –  
Southeast Construction Best  
of  
2006 Excellence in  
Construction Eagle Award,  
Parks and Recreation  
\$10–\$20 Million –  
Associated Builders and  
Contractors, Inc.

## St. Cloud Lakefront Park

### St. Cloud, Florida

Atkins prepared the master plan and assisted the City in securing almost \$700,000 in grant funding including Florida Recreation Development Assistance Program (FRDAP), Land and Water Conservation Fund (LWCF), Florida boating improvements, and Housing and Urban Development (HUD) funds. To better facilitate the marine and leisure activities of the residents of St. Cloud, the city had a vision for expanding the existing 42-slip marina to a 140-slip, state-of-the-art facility, including a three-boat ramp and a waterside public plaza with a recreation/performance lawn, and covered stage/restroom building. The centerpiece of the park is a two-story, 10,000-square-foot multipurpose facility that overlooks the waterside public plaza, the marina, and the lake. The building includes a 200-seat public meeting room for community and private events, a ship's store, and concession facilities with an outdoor dining area.

The waterfront and marina, once fenced-off and unapproachable, is now an accessible public amenity integrated into the existing community with a lakeside trail, water play area, playground, seating and picnic shelters. Economically, the multi-purpose facility generates revenue from its concession and private event functions. The greatly expanded marina has increased revenue with almost one hundred additional slips and the value of existing homes within the area has increased in the wake of the development of Lakefront Park.



**Client**  
The St. Joe Company

**Services**  
Civil engineering  
Trailways/boardwalks  
Permitting

**Key Personnel**  
Ken Jones  
Project Manager (engineering)  
Bruce Brodsky  
Project Manager (landscape architecture)  
Victor H. Herrera, PE  
Associate Project Manager  
Stephen D. Whiteford  
Landscape Design Planner  
William Pitcher  
Structural Engineer

## WindMark Resort Engineering and Landscape Design Services Port St. Joe, Florida

WindMark is a 2,020-acre beachside residential and resort community in northwest Florida, located two miles north of the historic town of Port St. Joe and 22 miles west of Apalachicola. A St. Joe Company (SJC) community of 1,662 homes, WindMark is interconnected through a series of boardwalks and a public 3.5-mile BeachWalk and is anchored by a village center including shops, a market, a meeting hall, a spa and fitness center, an ice cream and coffee shop, a restaurant and a 28-room inn.

The WindMark project consisted of the design of over 4,000 linear feet of parallel pedestrian and bike/cart path along an old roadway. Atkins engineering was responsible for the coordination with FDEP and local municipalities, converting old US-98 into one of the largest amenities in Gulf County. Victor Herrera, PE, was responsible for all vertical layouts of paths and dune crossovers, as well as permitting of the entire project, which included two fishing piers. This project demonstrates the unique experience in dealing with existing utilities, complex alignments due to limited right-of-way, as well as the understanding of functionality by the user.



**Client**  
City of Fort Myers

**Services**  
Landscape architecture  
Master planning  
Public involvement

**Key Personnel**  
David W. Larsen, RLA  
Thomas L. Johnson, RLA,  
LEED AP  
William P. Pitcher, PE

## Edison Ford Complex Master Plan Fort Myers, Florida

Atkins prepared the schematic master plan for the Edison-Ford Complex in Fort Myers, Florida. The goal was to enhance the aesthetic and educational experiences of the complex, both interpretive and inspirational, and to maximize attendance, while preserving the ambience of the site and surrounding area. Requirements included the maintenance of a "historic site" theme, oriented toward the years 1885 through 1931, and emphasizing the relationship between Thomas Edison, Henry Ford, and Harvey Firestone.

The plan called for the relocation of parking areas off-site and the conversion of the current parking space into botanical gardens and a picnic area. Facilities flow to the north and north-east, and become part of the Inventors Square streetscape, which has been developed into a turn-of-the-century period environment. The estate, or river side of the property, was modified only slightly to allow for a combined tour of the Edison/Ford homes. Atkins' familiarity with local conditions and expertise in historical restoration were key to the plan's success.

Atkins directed the master planning and public participation process associated with the expansion of this historic facility, provided economic evaluation for commercial uses, landscape architecture, site planning, and surveying.



**Client**  
City of North Miami Beach

**Services**  
Park planning  
Landscape architecture  
Architecture  
Civil engineering  
Environmental sciences  
Cost estimating

**Key Personnel**  
Kristin L. Caborn, CPRP, FCP  
Project Manager  
Thomas L. Johnson, RLA,  
LEED AP, Landscape Architect  
Victor H. Herrera, PE  
Engineer of Record

## Snyder Tennis Center Master Planning and Construction Document Services

North Miami Beach, Florida

Atkins provided full master planning services, architectural design services for the clubhouse, landscape architecture, civil engineering, and ecological science services for site development of the project. Cost estimating was also provided at the master plan level to support the City's effort with regard to budgetary and funding issues.

The main goal for redevelopment of the Snyder Tennis Center was to increase public visibility, improve the spatial organization of the tennis center complex, and enhance the overall public park experience. The master plan called for a new 7,500-square-foot clubhouse/retail building set closer to Dixie Highway for heightened curb appeal and exposure. The clubhouse included a pro shop, café restaurant, retail space, locker facilities, office area, and outdoor dining/terraces. The layout of the tennis courts created a strong connectivity between all courts and the clubhouse. Twelve resurfaced clay courts and seven new hard courts complete the core of the tennis center complex. There are two tournament courts, one for each surface type, placed at prominent locations near the clubhouse and at the intersection of two main pedestrian circulation spines. Spectator viewing was provided by covered stadium seating for both courts and an arbor-covered terrace adjacent to the clubhouse.

Completing the master plan is an expanded parking lot, two racquetball courts with a tennis hitting wall, a playground, sand volleyball court, shade pavilions, walking paths through the mature canopy of the Daniel D. Diefenbach Bicentennial Park, and a large open lawn area to accommodate outdoor events in conjunction with tournaments and/or the adjacent historic Spanish Monastery.



**Client**  
Pinellas County

**Services**  
Landscape architecture  
Planning  
Civil engineering

**Key Personnel**  
David W. Larsen, RLA

## Gulf Coast Museum of Art Largo, Florida

In 1991, Pinellas County's Cooperative Extension Service (CES) resided on a modest 10-acre tract in Largo, Florida. The CES had existed in partnership with the University of Florida for many years and had developed a successful program of horticultural and community services. When the CES proposed the creation of a new outdoor learning center to better serve residents, Pinellas County Commissioners supported the effort, allocating \$1 million and 13 additional acres adjacent to Heritage Village, a 21-acre, open-air historical village and museum.

Before much progress had been made on clearing the acreage, the Gulf Coast Museum of Art expressed interest in building a new, 45,000-square-foot museum expansion facility in the area. A concept was born: the creation of a "cultural park" that would link botanical gardens with the art center and Heritage Village.

The concept was called "The Florida Botanical Gardens at Pinewood Cultural Park." Atkins helped develop the mission and program for the campus and also provided master planning, landscape architecture, and civil engineering services.

The gardens' master plan and program were modified to allow the gardens to envelop the art museum and promote the cross-utilization of both facilities. The result included design of the Ground Cover Garden, Daylily Garden, Bromeliad Garden, Reception Sculpture Garden, and Entrance Sculpture Garden. Two courtyard sculpture gardens were designed for outdoor sculpture exhibition and museum entertainment. Minimalist plantings with strong geometric lines were used to define sculpture placement and provide garden definition.

Collaboration played a key role with museum personnel, gardens' staff, county officials, and others working together to develop the gardens. The gardens' design maintains the existing pine flatwood canopy and understory vegetation, thereby providing a backdrop for dynamic outdoor sculpture placement throughout the site.



**Client**  
U.S. Army Corps of Engineers,  
Baltimore District

**Services Provided**  
Master planning  
Conceptual design  
Program integration  
Defensible space

**Key Personnel**  
Stephen D. Whiteford

## Fort Belvoir EPG Master Plan Fort Belvoir, Virginia

Atkins is providing master planning, conceptual design, program integration, and management and oversight services under the 2005 Department of Defense BRAC decision to relocate an estimated 22,000 personnel to the Fort Belvoir Army installation in Fairfax County. Project tasks include developing the plans and vision for transportation systems; new buildings and supporting infrastructure; security and defensible space requirements; renovations to existing buildings while ensuring environmental and architectural integrity; energy conservation; and economic growth and stability.



**Client**

U.S. Army Corps of Engineers  
Mobile District

**Services**

Architecture  
Building Information  
Modeling (BIM)  
Civil engineering  
Construction administration  
Cost estimating  
Defensible space  
Design charettes  
Electrical engineering  
HVAC design  
Interior design  
Mechanical engineering  
New facility design  
Security design (AT/FP)  
Sustainable design (LEED)

**Awards**

LEED Platinum certified  
2009 Merit Award for  
Concept Design, Air Force  
Center for Engineering and  
the Environment  
2011 Building of America  
Gold Medal Winner

## Tyndall Air Force Base Fitness Center

### Tyndall Air Force Base, Florida

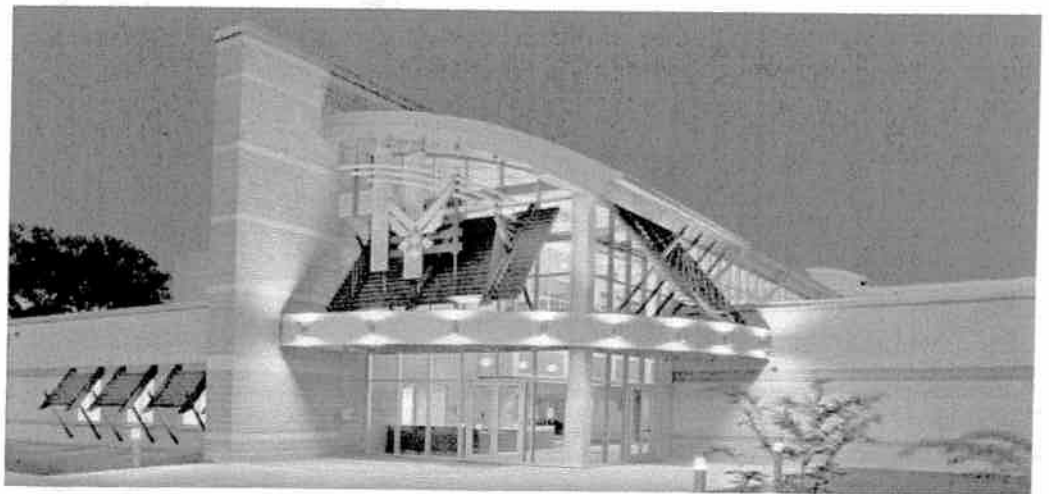
Atkins provided full architectural services for this new 72,750-square-foot (sf) fitness center that underscores the Air Force's commitment to successful use of energy efficient and sustainable design.

Tyndall AFB and USACE Mobile District first presented Atkins with preliminary drawings for a single-story, 89,657-square-foot facility with construction costs that exceeded available funding. To address this fiscal challenge, Atkins conducted an on-site assessment and reevaluated individual and operational requirements using data collected from interviews with more than a dozen stakeholder agencies. The original footprint was poorly sited with the approach and entry at the rear of the building. The plan also failed to address other site concerns, such as new antiterrorism/force protection (AT/FP) standards, insufficient parking, and a network of existing utilities that crisscrossed the parcel. To resolve the siting and funding issues, Atkins refined the existing DD Form 1391 to accurately meet requirements; implemented innovative, sustainable, and cost-saving design approaches; and recommended the construction of a new, two-story, 72,750-square-foot fitness center, with a considerably smaller footprint and a construction cost not to exceed \$19 million. This alternative layout maximized square footage within the established budget and enabled a more logical building orientation on the site.

Initially, the project was contracted to be designed to meet Leadership in Energy and Environmental Design (LEED) Silver certification. As work progressed, Atkins was able to design to Platinum standards with no impact to the project's cost.

Revit Building Information Modeling (BIM) technology was used to generate the model for development of construction documents and to interface the model with structural programs. SpecsIntact and DrChecks were used to develop construction documents.

Atkins' approach immediately resolved all site and funding issues while providing a more efficient building layout. Our team's final design exceeded the client's requirements by achieving LEED Platinum, and the entire project was awarded for \$3 million less than the originally budgeted amount.



## Subconsultant Projects

Our subconsultants have the understanding, knowledge, and experience with the local character, economy, and issues of Key West.



### Client

Stapleton Development Corporation

### Client's representative

Dennis Piper

### Address

7350 E. 29th Avenue  
Denver, CO 80238

### Telephone number

303.393.7700

### Key Personnel

Teresa Penbrooke,  
MAOM, CPRP

### Design service fee

\$14,000

## Needs Assessment and Program Plan Central Park, Trails, and Greenways Master Plan Denver, Colorado

As part of the Stapleton International Airport Redevelopment Project, GreenPlay designed the Recreation Program Plan for the City and County of Denver and the Park Creek Metropolitan District. The Plan also included implementation criteria for 1,100 acres of parks, facilities, and open space for this 67- acre, pedestrian-oriented, mixed-use development.

Stapleton International Airport served the commercial aviation needs of the Rocky Mountain region for over 65 years. Dramatic changes in the nature and amount of aviation activity in the 1970s and 1980s compelled a decision to move regional, commercial aviation operations away from the city. Stapleton closed permanently in 1995, and the site was to be turned into a mixed-use development. Our team created the Parks and Recreation Master Plan (Master Plan) to establish the framework for parks and open space development at the former Stapleton International Airport site. It was created to clarify and formalize existing, common understandings about parks and open space; to further detail the interim and future goals for regional, community and neighborhood parks and open space and to document the decision-making that went into those goals; to outline the requirements that will guide the development of parks and open space; and to identify the responsibilities of those guiding that development.

The Master Plan was a cooperative effort of the Stapleton Development Corporation (SDC), the Park Creek Metropolitan District (the District), the City and County of Denver (the City) and the master developer, Forest City Stapleton (Forest City) to refine the original vision for Stapleton parks and open space, but it is not intended to replace it. The content of this document built on early planning concepts using current knowledge and circumstances. This Master Plan listed guiding principles, goals and objectives, standards and guidelines by which to evaluate parks and open space design; and also provided criteria for determining the appropriate funding, development, maintenance and ownership of parks and open space.





**Client**  
City of Cedar Rapids

**Client's representative**  
Gail Loskill

**Address**  
2000 Mt. Vernon Road, SE  
Cedar Rapids, IA

**Email**  
g.loskill@cedar-rapids.org

**Key Personnel**  
Anne Miller  
Chris Dropinski

**Design service fee**  
\$143,324

## Parks and Recreation Master Plan Cedar Rapids, Iowa

GreenPlay was hired to create a Parks and Recreation Master Plan for the City of Cedar Rapids, Iowa. In June 2008, six months into the planning process for this Master Plan, the City of Cedar Rapids was hit by a record-breaking flood that engulfed river-edge parks and recreation facilities, neighborhoods, and a large part of downtown. Out of this disaster, the Cedar Rapids community came together to create a bold and visionary Parks & Recreation Master Plan that included ground-breaking riverfront plans that will drive community revitalization. With input from an extensive community engagement process, this Master Plan reflects the community's vision and aspirations, while addressing creative strategies for meeting future needs within budget limitations.

The project team developed a plan to prioritize investments, ensuring a system that meets community needs; to establish strategies to improve operational efficiencies, cost recovery, and land acceptance standards; to demonstrate community need and support to assist in the pursuit of alternative funding; to ensure accommodation of changing community demographics; and to ensure a parks and recreation system that is sustainable and financially feasible into the future.

A high-quality parks and recreation system would help to increase residents' quality of life, attract and retain the next-generation workforce, and encourage residential and business reinvestment in the wake of the devastating 2008 flood. This plan proposed unique places ranging from grand gathering spaces that could host festivals and events to intimate spaces for the daily enjoyment of the parks. It included a new destination riverfront to attract residents and visitors to the heart of the City, Signature Parks that would serve the neighborhoods with high-quality recreational amenities, and increased connectivity and sustainability for the region. The City of Cedar Rapids held a series of three Parks and Recreation Master Plan Open Houses from June to November of 2009. Over a thousand participants gave feedback on the City's parks and recreation needs, culminating in this Parks & Recreation Master Plan to direct reinvestment in the City and the region in years to come. Team members included Design Concepts, JJR, RRC Associates, Williams Architects, and Sasaki.



**Client**

City of Fort Lauderdale

**Client's representative**Joe Webb  
Project Manager**Address**222 Clematis St. | Suite 200  
West Palm Beach, FL 33401**Email**

jwebb@Glatting.com

**Key Personnel**Teresa Penbrooke  
MAOM, CPRP**Design service fee**

\$92,500

## Long-Range Strategic Plan Fort Lauderdale, Florida

As a sub-contractor to Glatting Jackson Kercher Anglin Lopez Rinehart, Inc. (Glatting Jackson), GreenPlay consultants developed the first Parks and Recreation Long Range Strategic Plan for the City of Fort Lauderdale. This was the first Long Range Plan for the Fort Lauderdale Parks and Recreation Department. The scope of the project focused on public process, level of service analysis for the parks system, CIP development, benchmarking, gap analysis, and core services identification for recreation programs and funding sources. GreenPlay's project tasks included community involvement; inventories and assessments of the park system, recreation facilities, programs and services; and customer service evaluations. GreenPlay also prepared a funding analysis that evaluated core services and resource allocation. The final plan included a comparative analysis of administrative benchmarking and trends, and developed level of service standards and maintenance practices that resulted in a long-range capital improvement plan.



**Client**

Town of Rangely and Western  
Rio Blanco Recreation and  
Park District

**Client's representative**

Lance Stewart  
Town Manager

**Address**

209 E. Main Street  
Rangely, CO 81648

**Email**

lstewart@rangelygovt.com

**Key Personnel**

Teresa Penbrooke, CPRP

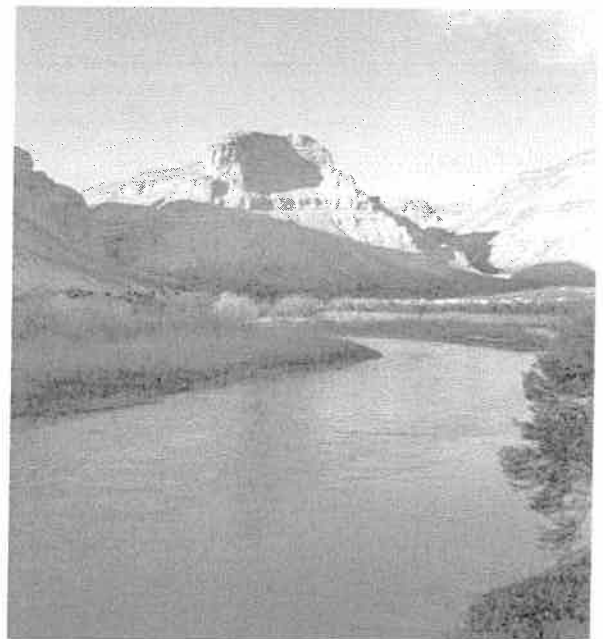
**Design service fee**

\$35,900

## White Riverside Park, Trail, Whitewater Park, and Heritage/Visitors Center Feasibility Study and Concept Plan

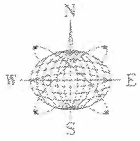
Town of Rangely, Colorado

This project fulfilled a GOCO planning grant to help promote tourism and create a positive economic impact for this small western Colorado town heavily reliant upon the natural oil and gas extraction industries. The project created plans for a whitewater and community park on the White River, a regional Heritage and Visitors center, and trail connections to the region's natural resource amenities. One requirement of the project was that it had to meet the GOCO planning objectives for the grant, along with additional project objectives for the Heritage Center, recreational river use, and trail linkages.

**Minimum objectives Included:**

- Protecting wildlife and habitats: reverse adverse impacts on plant and animal species and restore and enhance wildlife habitat and healthy native plant communities.
- Protecting and enhancing portions of a treasured river corridor in high desert country, including its history, environment, and natural and cultural resources.
- Protecting open space and a greenbelt buffer between the White River and areas of Town either developed or proposed to be developed.
- Providing bicycle paths, enhanced river uses and access, hiking trails, fishing ponds and sites, boating launch and take-out sites, shelters and picnic areas, and wildlife habitat and viewing.
- Providing a conceptual plan for a high-quality and visible Heritage Center.
- Involving community stakeholders, including school and college youth, in the process, inventorying, and planning of facilities to help create educational opportunities, awareness, and ownership of these public facilities.

As part of the project, GreenPlay conducted an extensive stakeholder process consisting of interviews and public meetings. Our team also evaluated the feasibility for project components from a potential economic and tourism standpoint. The attributes of the project were most closely aligned with providing additional adventure tourism, cultural and quality of life components. It was determined that all of the components explored would help increase the economic viability of the Town. The largest immediate return on investment would be seen by implementing the Rio Blanco Whitewater Park and improved river access components. Team members included Hydraulic Design Group, Design Concepts, and Geowest.



## MERIDIAN ENGINEERING

301 FRONT STREET, SUITE 224, KEY WEST, FLORIDA 33040  
 TEL: 305-294-4142 FAX: 305-294-4899  
 EMAIL: [info@meridianeng.com](mailto:info@meridianeng.com)

### Client

Steam Plant Condominiums,  
 LLC

### Client's representative

Edwin O. Swift III

### Address

201 Front Street, Suite 224  
 Key West, Florida 33040

### Telephone number

305.294.4142

### Key Personnel

Rick Milelli, PE

## Steam Plant Condominiums Key West, Florida

HTA provided the civil engineering design and construction management services for the conversion of a former power plant to 19 condominiums and the addition of three buildings for affordable apartments. The design included the layout of ADA accessible sidewalks, driveways, water and sewer plans, stormwater control, and erosion control. The project involved working with local contractors, the City of Key West Planning, Engineering and Building Departments, Keys Energy Services, FCAA, and other utility companies.



## Key Haven Estates Key Haven, Florida

HTA designed and permitted the infrastructure for a 43-unit development at Key Haven. The design included roads and sidewalks, a stormwater management system, water and sewer services, and coordination with local, state, and federal agencies. This included obtaining a SFWMD ERP permit and a USACE permit. Also included working with Keys Energy Services and FCAA.

## Islander Village Stock Island, Florida

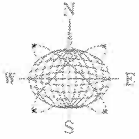
HTA designed and permitted the infrastructure for a 111 affordable and market rate development on Stock Island. The design included roads and sidewalks, a storm water management system, water and sewer services, and coordination with local, state, and federal agencies. This included obtaining a SFWMD ERP permit. Also included working with Keys Energy Services and FCAA.

## Park Village Stock Island, Florida

HTA designed and permitted the infrastructure for a 40-unit affordable housing development on Stock Island. The design included a stormwater management system, water and sewer services, and coordination with local and state agencies. Also included working with Keys Energy Services and FCAA.

## Paradise Harbor Key West, Florida

HTA designed and permitted the infrastructure and dock for the seven unit development at 719 Eisenhower Drive in Key West. The design included parking facilities, a seven slip docking facility, stormwater management system, sidewalks and driveways compliant with City of Key West requirements, water and sewer services, and coordination with local, state, and federal agencies. Also included working with Keys Energy Services and FCAA.

**MERIDIAN ENGINEERING**

201 FRONT STREET, SUITE 207, KEY WEST, FLORIDA 33090  
PH: 305-292-2000 FAX: 305-292-4609  
EMAIL: raiter@meridianeng.com

## Key Cove Landings

### Key West, Florida

HTA designed and permitted the infrastructure for a 10-unit development at Key Cove Landings (behind Home Depot in Key West). The design included a road and sidewalk that complied with City of Key West requirements, a stormwater management system, water and sewer services, and coordination with local, state, and Federal agencies. This included obtaining a SFWMD ERP permit and coordination with USACE. Also included working with Keys Energy Services and FCAA.

## Marquesa Court

### Key West, Florida

HTA designed and permitted the infrastructure for a nine unit development at Marquesa Court (next to the Key West Citizen Building on Northside Drive in Key West). The design included a road and sidewalks that complied with City of Key West requirements, a stormwater management system, water and sewer services, and coordination with local, state, and Federal agencies. This included obtaining a SFWMD ERP permit and coordination with USACE. Also included working with Keys Energy Services and FCAA.

**William P. Horn, Architect, PA**

Client  
City of Marathon

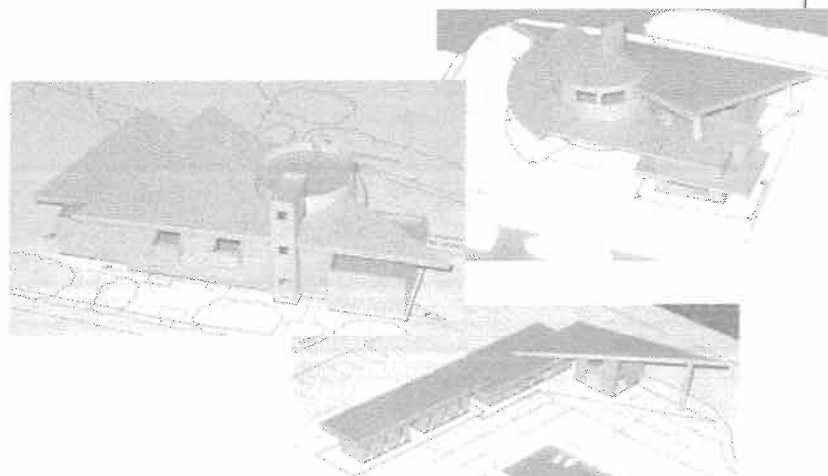
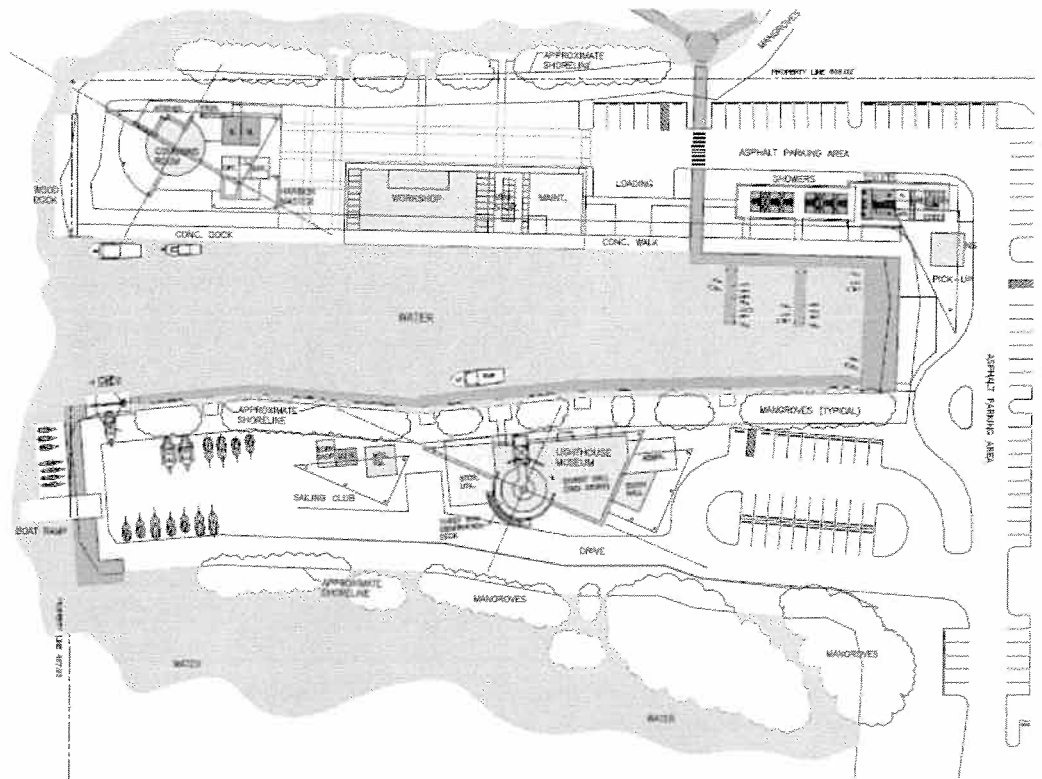
Client's representative  
Harry DeLashmutt

Address  
9805 Overseas Highway  
Marathon, FL 33050

Key Personnel  
William P. Horn, AIA

**Marathon Marina**  
Marathon, Florida

Proposed master plan for the city of Marathon's Marina at Boot Key Harbor. New buildings proposed include new toilet/shower facilities, new common building and dock master's building, renovations to existing warehouse (workshop and storage), a sailing club yard and building, and a proposed light house museum.



## William P. Horn, Architect, PA

**Client**  
Boy Scouts of America,  
South Florida Council, BSA

**Client's representative**  
John Anthony  
Executive Director

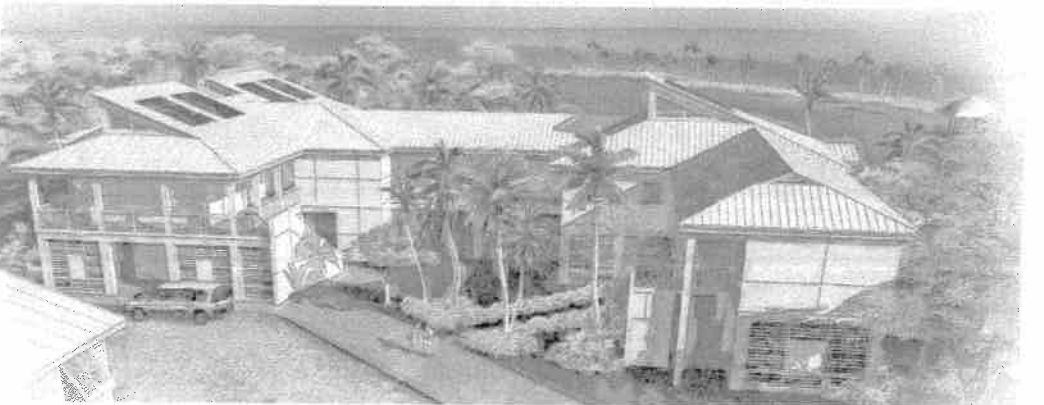
**Address**  
15255 N.W. 82nd Avenue  
Miami Lakes, Florida 33016

**Telephone number**  
305.364.0020

**Key Personnel**  
William P. Horn, AIA

## Camp Sawyer—Edward B. Knight Scout Reservation West Summerland Key, Florida

This project consisted of a new 18,000 square foot boyscout complex including a 7,500 square foot dining, kitchen, and office building; 8,200 square foot toilet/shower building; two affordable houses; and site work. Phase 1 of the project includes building all of the site work, one of the two affordable houses, and the new toilet/shower building. Construction is 50 percent complete. The toilet/shower building is registered with the USGBC and we are on target to be LEED certified (silver). The building has 100 percent solar powered hot water heating, solar fans to assist in natural ventilation, and gray water reuse for toilet flushing. All plumbing fixtures are low flow fixtures. The on-site sewage treatment system provides for 100 percent reuse of the waste water for irrigation and toilet flushing.



## 4. Management Approach

At Atkins, we do not have an “off-the-shelf” approach. We customize everything we do to individual client needs.

### Project Management Philosophy

At Atkins, the ultimate goal for project managers is to deliver client satisfaction. To accomplish this, Atkins ensures that our managers are equipped with the tools and knowledge to achieve this objective. All Atkins’ project managers are required to attend a week-long project management training course sponsored by the company, to ensure that our project managers learn the basic skills for project management. The basic elements of the Atkins project management program include quality assurance, cost control, schedule control, and corrective action procedures. However, we do not have an “off-the-shelf” approach. We customize everything we do to the individual client needs.

Beyond the technical past experiences that the project managers will be drawing from to assist with guiding the process to exceed the expectations of the City, we understand the side by side approach to management that the City requires. Our overall plan is to be 100 percent dedicated to this project when demands of the project arise. We understand that the City has limited staff to focus on the nuances of the variety of tasks that will need to be accomplished. While dealing with the tasks associated with the Truman Waterfront project, providing routine financial updates on funding will be part of our standard operating procedure. In short, our project manager will be in step with the City project manager, much the same as we are now providing on other City of Key West assignments.

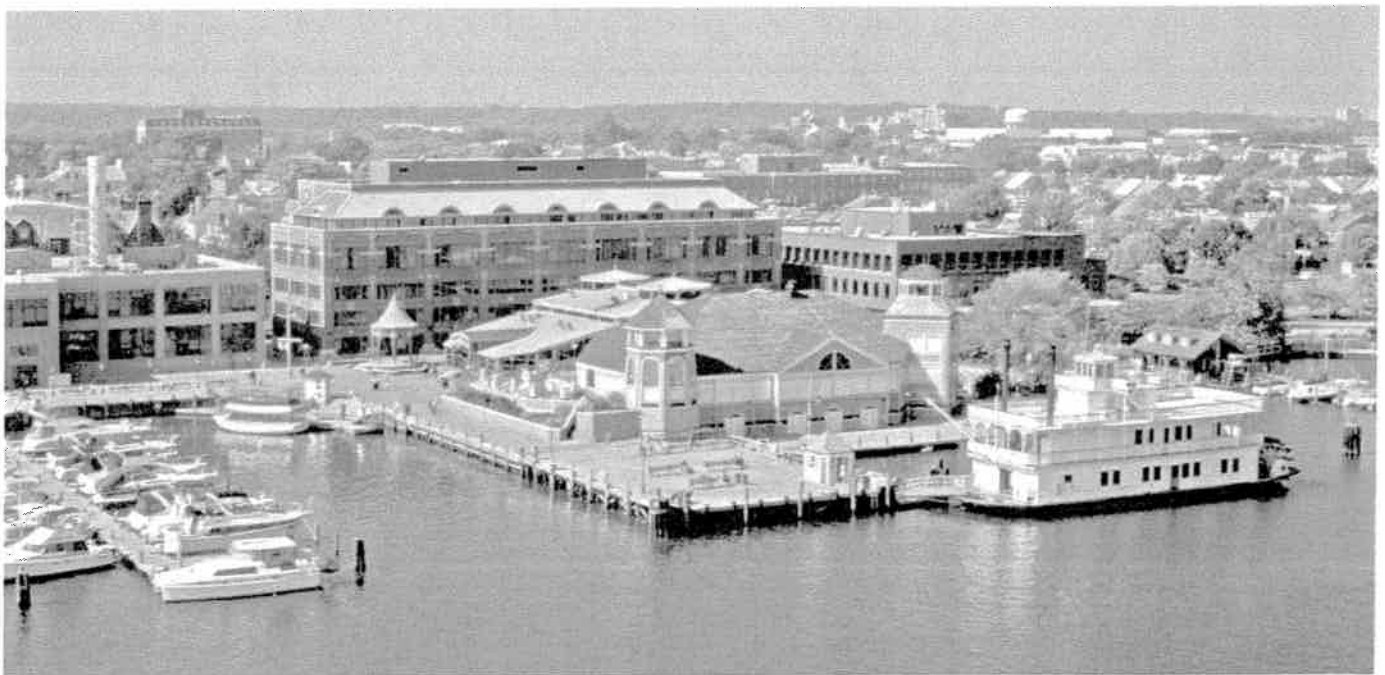
### Management and Coordination

Our management and coordination plan is based on the seamless sharing of information between team members and the City of Key West, along with collaboration among team members during technical and administrative activities. Delegation of technical tasks will be made to senior, experienced professionals within specific technical areas. Technical task managers will be given responsibility for completion of their work areas and coordination with other technical leaders. Our vision of project management is reflected in three elements:

- Project orchestration
- Project coordination
- Project production

Management takes place at three levels of our project organization.

- Leadership starts at the top, with our project manager. The project manager is responsible for orchestrating the team in concert with the client’s needs and schedule.
- Coordination takes place at the level of the technical task leaders and the project manager. By focusing coordination among the project’s key technical leaders and the project management, efficiency is maintained in communication.



Potomac River Waterfront Restoration, Alexandria, Virginia

- Production management takes place between the technical task leaders and their project staff. With appropriate technical task leaders in place, rarely will the project manager have to “manage” specific technical tasks or subtasks. This allows the project manager to focus time on the progress of the project, communication with City staff, and participate in the public involvement program.

Our project manager’s job is not to perform every task on the project, but to orchestrate the work of our project team. This not only promotes the most efficient completion of work, it promotes the sharing of ideas and enhanced products. Several strategies will be employed as mandatory project management tools to ensure compliance with time and budget requirements for the Truman Waterfront project:

- Weekly task management team meetings focusing on production and scheduling.
- Early and consistent implementation of Atkins’ quality control program.
- Monthly client-consultant management meetings for information exchange, status checks and, most importantly, proactive and timely identification of any potential issues.
- Preparation of monthly progress reports and invoices outlining the work completed, work scheduled for the next month, and financial status.

Our first task will be to develop a Project Management Plan (PMP) that includes all of the administrative and technical elements necessary for the direction and management for each task of the Truman Waterfront project, including the following elements:

- Detailed work tasks
- Project task deliverables/products
- Tasks and products time schedule
- Project staffing commitments
- Budgets by task
- Project invoicing procedures
- Quality assurance/quality control (QA/QC) program

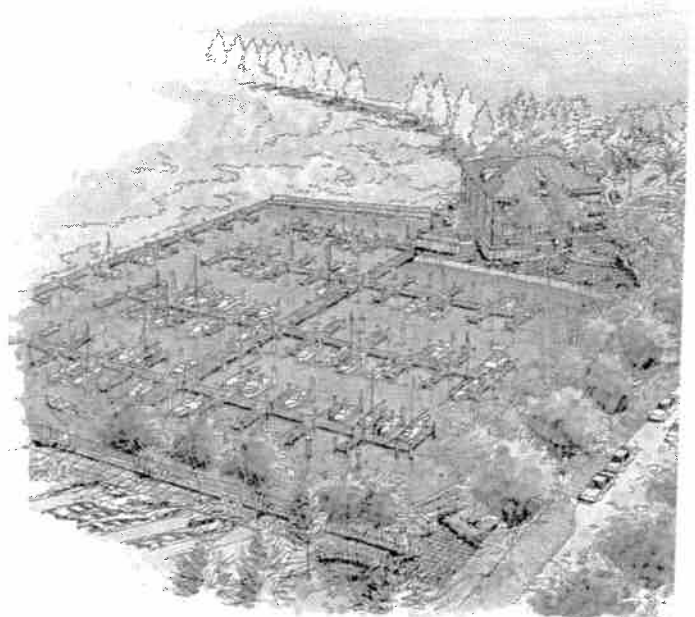
The draft PMP will be reviewed by the City as appropriate and revised to reflect comments. Then the final PMP will be produced. Atkins will utilize this PMP as a framework to consistently monitor time and budget status of each task assignment and will update project schedules and budgets as required.

### Quality Control and Assurance

The key to Atkins’ growth over the last 50 years has been our successful delivery of quality services. We achieve a high quality standard through the disciplined implementation of a system that we call our corporate Quality Control and Assurance Program (QCAP). This QCAP requires that each Atkins project is managed by a qualified project manager who serves as the single point of contact for all communications with the client. It also requires the preparation of quality control plans prior to initiating work; specifies procedures for quality control reviews of data, calculations, and documents; and establishes a mechanism for tracking, documenting, auditing, and evaluating our performance. Additionally, Atkins requires subconsultants to comply with Atkins’ QCAP or an equivalent plan. Our success in delivering multiple projects for the same client is evident in our ability to plan, design, and ultimately build successful projects time after time.

### Cost Control

Successful project cost control by Atkins is based on the use of experienced project managers who have a thorough understanding of the client’s needs and are supported by an effective project management system. Cost control begins with direct and open discussions with the City’s project manager to work toward agreeable fees for the project or task assignment. We have a proven track record of stretching the funding and understand in the current financial times the need to be fiscally responsible. Being fiscally responsible is paramount to the



St. Cloud Lakefront Park, St. Cloud, Florida

success for all of the Truman Waterfront phases for the City, which includes adjusting funding from areas that are ahead of schedule, to areas that are requiring additional effort. The keys to cost control are proper planning, monitoring, and follow-up action. At Atkins, work plans are reviewed by senior staff to ensure they accomplish their purpose in the most cost-effective manner and that the level of effort is appropriate for the work. This planning guarantees that only the necessary data are collected, which results in substantial savings to the client. These planning activities have significantly cut costs and time by avoiding remobilization and redundant activities. Atkins uses a state-of-the-art computer accounting and cost control system that provides direct electronic access and interaction with the company's central Oracle accounting database.

### Schedule Control

Atkins realizes the importance of proper scheduling and schedule maintenance. Adherence to work schedules is achieved through proper planning, continuous monitoring, and follow-up action by experienced project personnel, with oversight and coordination by the Atkins project manager. It also includes continuous and open communication with City staff. Since the Truman Waterfront project is a multiyear, multi-phase project, we will immediately identify phases that are meaningful and constructable, and provide cost estimates to ensure that the City is comfortable with the amount proposed for each phase. Our cost estimates are very accurate and our clients have come to rely on them.

Atkins adheres to project schedules by strictly following these guidelines:

- Maintaining a computer software-based project schedule for each task and subtask, including deadlines, milestones, deliverable due dates, and regulatory review points.
- Maintaining frequent communication with the City of Key West's project personnel in order to anticipate, identify, and resolve problems, and to smoothly implement adjustments in work focus or loads.
- Maintaining continuous interaction between the project manager and other project team members.

### Summary

Our principal-in-charge, Larry Levis, understands the challenges facing the City of Key West. His past experience working with City members and working closely with interested groups and citizens, allows him an insight into the important local issues that the City and project are facing. This

knowledge, along with the Atkins team experience, brings an understanding that will help smooth the process of such a large and important project.

Added to this experience is our understanding and familiarity of the BRAC process with our work at Fort Belvoir on the Potomac River and Baldwin Park in Orlando. Our waterfront design experience allows us an understanding of the environmental, structural, permitting, and engineering components of the Truman Waterfront project.

Our proposed team's experience includes projects that encompass the same elements currently being sought by the City of Key West for its Truman Waterfront effort:

- Integrated waterfront parks with historical preservation
- Parks and multiuse recreation areas for active and passive uses
- Architecture, cost estimating, civil engineering, and surveying, from programming through construction support services
- Historical renovations within the City of Key West

The Atkins' team is eager to bring these services to the City of Key West for this important project.



*Edison-Ford Complex Historical Renovation, Fort Myers, Florida*

## 5. References

Atkins takes great pride in our history of providing quality, timely services for our clients and are pleased to provide references for this project.

### Reference Contacts

Atkins has an excellent history of meeting and exceeding deadlines and keeping well within the projected budget on projects. We are pleased to provide the following projects to the City of Key West which will verify our commitment to client service and past performance.

#### Clearwater Beachwalk

##### Clearwater, Florida

City of Clearwater  
100 South Myrtle Avenue  
Clearwater, Florida 33756  
Michael Quillen, PE  
727.562.4743

#### Snyder Park Master Planning and Construction Document Services

##### North Miami Beach, Florida

City of North Miami Beach  
17011 NE 19th Avenue  
North Miami Beach, Florida 33162  
Paulette Murphy, Director of Leisure Services  
305.787.6040

#### Veteran's Memorial Park Master Plan Design and Construction Documents

##### Tampa, Florida

Hillsborough County Parks, Recreation and Conservation Department  
10119 Windhorst Road  
Tampa, Florida 33619  
Mark Thornton, Director  
813.635.3500

#### Parks and Recreation Continuing Services Contract

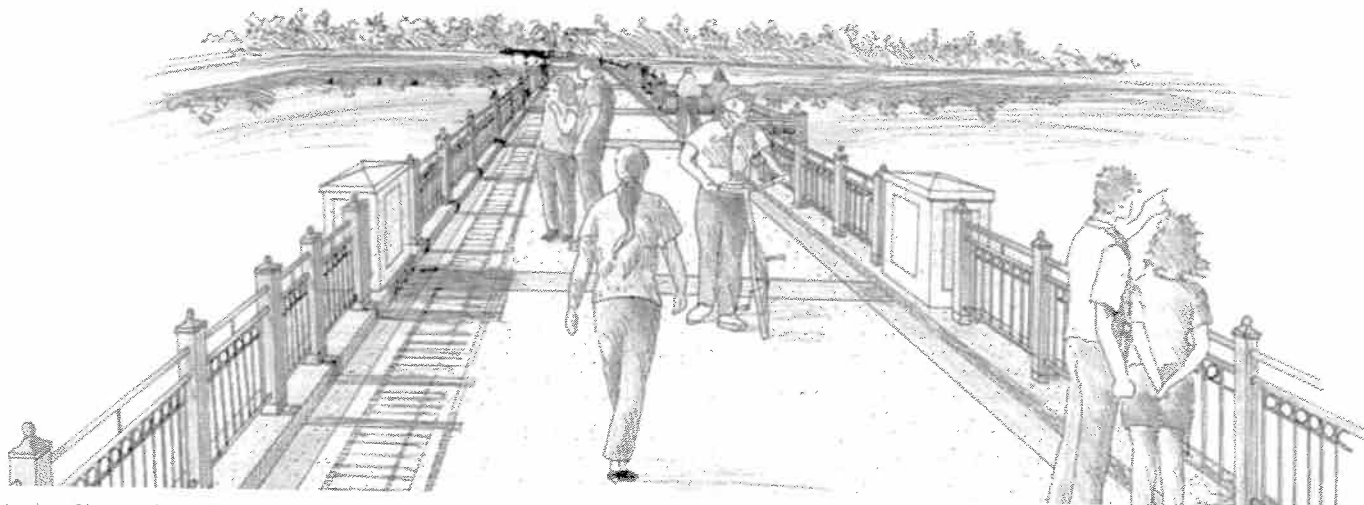
##### Osceola County, Florida

Osceola County  
366 North Beaumont Avenue  
Kissimmee, Florida 34741  
Terry Johnson  
407.742.7800

#### Capital City Force Main Repair

##### Tallahassee, Florida

City of Tallahassee  
300 South Adams Street, B-26  
Tallahassee, Florida 32301  
Blas Gomez, PE  
850.891.6860



Jupiter Riverwalk, Jupiter, Florida

# 6. Forms

## ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA )  
MIAMI-DADE : SS  
COUNTY OF MONROE )

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the LRA of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.



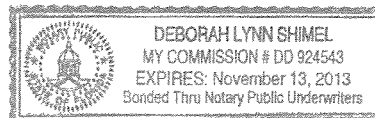
By:   
David J. Carter - Senior Vice President  
Atkins North America, Inc.

Sworn and subscribed before me this

8 day of June, 2011.

  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: November 13, 2013



**SWORN STATEMENT UNDER SECTION 287.133(3)(a)  
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE  
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. RFQ #11-004 for  
Truman Waterfront Upland Improvements Design and Construction Administration
  
2. This sworn statement is submitted by Atkins North America, Inc.  
(Name of entity submitting sworn statement)  
whose business address is 2001 NW 107th Avenue, Miami, Florida, 33172  
and (if applicable) its Federal  
Employer Identification Number (FEIN) is 59-0896138 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is David J. Carter, CCM and my relationship to  
(Please print name of individual signing)  
the entity named above is Senior Vice President.
  
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
  
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
  
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
  1. A predecessor or successor of a person convicted of a public entity crime: or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
  
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural

person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND (Please indicate which additional statement applies.)

There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

*David J. Carter*  
(Signature) David J. Carter - Senior Vice President  
June 8, 2011  
(Date)

STATE OF Florida  
COUNTY OF Miami-Dade



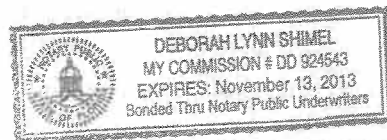
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

David J. Carter who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 8 day of June, 2011.

My commission expires:  
NOTARY PUBLIC

*Deborah Lynn Shimel*



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[www.atkinsglobal.com/northamerica](http://www.atkinsglobal.com/northamerica)

