



*Professional Landscape Architectural/Engineering/Architectural/  
Land Surveyor Services For Truman Waterfront Upland Design and  
Construction Administration*

RFQ No. 11-004 | June 29, 2011



The City of Key West Naval Properties  
Local Redevelopment Authority





Chen Moore and Associates 786 497 1500 tel  
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Suite 204  
Miami, FL 33132  
www.chenmoore.com

June 29, 2011

City Clerk  
City of Key West  
City Hall  
525 Angela Street  
Key West, FL 33040

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

Dear Selection Committee:

Chen Moore & Associates (CMA), in association with AECOM, is pleased to submit our qualifications to provide professional design and construction administration services for the Truman Waterfront Upland Improvements. Our team is uniquely qualified to provide these services to the City of Key West Naval Properties Local Redevelopment Agency (LRA) due to our familiarity with the City of Key West; our familiarity with the Naval Property transfer site; experience with similar projects around the world; and our experienced Project Manager. Our goal is to design and develop the waterfront site reflecting the public interest with a world class, sustainable design that unifies Fort Zachary Taylor Park, Bahamian Village, the commercial district of Duval Street, and the other adjacent neighborhoods.

**LOCAL KNOWLEDGE:** Our team has been involved in the planning, design and engineering of the Truman Annex for nearly two decades. AECOM (formerly EDAW and Spillis Candela DMJM) was involved with the original transfer of the Naval Property comprising the Truman Annex Parcels to the City of Key West and several years later developed a master plan for the redesign of the Truman Annex Parcels for the City of Key West prior to the involvement of private developers. CMA currently holds several continuing services contracts with the Key West Port Operations and the Key West Department of Transportation. We currently work closely with the City's Project Manager Doug Bradshaw for the Truman Waterfront project. Our team understands the context and design intent of the project, and has an intimate knowledge of the City's processes and expectations. We are well aware of the issues and details associated with design, engineering, permitting and construction of this Project.

**WATERFRONT EXPERIENCE:** CMA works with many coastal communities in the state of Florida including the City of Key West, Miami Beach, Fort Lauderdale, Pompano Beach, and Deerfield Beach, just to name a few. This knowledge of Florida's coastal environment, and its unique design and permitting requirements gives us a strong advantage over our competitors. AECOM is one of the leading waterfront planning and design firms in the world. AECOM has just completed design and construction services for the Miami Circle project in downtown Miami, as well as a section of the Miami River Greenway Riverwalk along the park's waterfront edge. Other notable projects include the Port of Los Angeles Waterfront Park, Kings Waterfront Park (Liverpool), Sanford River Walk, Wharf District Park (Boston), and Parc Diagonal Mar (Barcelona).

**PROJECT MANAGEMENT:** Our Project Manager, Cristobal Betancourt, RLA, has extensive experience in the design and construction of coastal parks within the state of Florida and internationally. In the last four years, Cris has managed the design and construction of three waterfront parks in the state of Florida, the master planning and design of a park system for a waterfront project in Dubai, the design and construction of a 365-acre constructed wetland park in the City of Wellington, and has worked with the United States Veterans Administration as the landscape architect for the Sarasota National Cemetery. Cris's current project involves the construction of miles of streetscape for the City of Miami Beach, which requires close coordination with the City's project manager, the general

contractor, and the public. These streetscapes are 80% complete. Cris understands every aspect of public park design, from engineering and design standards – to the selection of sustainable design and construction materials – to value engineering, permitting and construction.

#### **Experience with Base Closure Master Plans**

The closing or realigning of a military base marks the beginning of new opportunities for reinventing the base's function within the community. AECOM helps communities by working with Federal, state, local and private-sector officials to identify specific needs, develop a consensus strategy, and outline a feasible action plan. By getting these diverse parties together to develop creative solutions for the reuse or redevelopment of closed military bases, we help to reflect the community and economic goals, and ultimately create stronger, diversified, and healthier communities.

AECOM brings lessons learned from the preparation of 29 base closure master plans. These base redevelopment plans have taken many paths, focusing on a variety of reuses including transportation, higher education, commerce and industry, research and technology, livable neighborhoods, community support services, and recreation and conservation. Some of these projects are cited as case studies of success by the US Office of Economic Adjustment, including Williams Air Force Base, Long Beach Naval Complex, K.I. Sawyer Air Force Base, Pease Air Force Base, Alameda Naval Air Station, and Chanute Air Force Base.

#### **Experience with the Truman Annex Site**

AECOM (legacy EDAW) prepared plans for the US Navy for the Southeast Waterfront Regional Shore Infrastructure Plan. This project was a broadly based master planning effort for all Navy assets on the Atlantic Seaboard including Puerto Rico and Guantanamo Bay, Cuba. Several of these site studies were used as a portion of the due diligence for the Base Realignment and Closure process for specific sites in the Atlantic portfolio. One subject site in the study area included the Truman Annex site in Key West Florida and a variety of site planning alternatives were prepared and vetted with Navy, federal and local municipal leaders. At that time, an alternative (Scenario A) of the study finalized a 70% conveyance agreement with the City of Key West at Truman Annex which resulted in the formal property transfer. This scope included the final disposition of the Inner and Outer Mole, the South Quay and the East Quay, all of which are potentially impacted by the current request for Proposals under consideration by the City. Furthermore, CMA provided engineering services during design and construction of the navy pedestrian bridge at the Truman Annex and provided structural engineering services to assist in the repair of the Truman Annex – Building 103.

The CMA team is well suited to complete this assignment for the LRA due to our familiarity with the City of Key West; our familiarity with the Naval Property transfer site; experience with similar projects around the world; and our experienced Project Manager. Our proven track record of responsive service and on-time, on-budget performance furthers our qualifications to serve the LRA. The following proposal further outlines our experience and qualifications for this important assignment.

We are looking forward to the opportunity to meet the members of the Selection Committee during the interview phase to further describe our understanding of the project and our approach to accomplish the necessary tasks.

Please see the following page for evidence of the authority of the officer to bind the respondent

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'Peter Moore', with a long horizontal line extending to the right.

Peter Moore, PE, LEED AP  
President



420 Lincoln Road, Suite 700  
Miami Beach, FL 33139  
786.497.1500 (Phone)  
786.497.2300 (Fax)

**MINUTES OF BOARD OF DIRECTORS MEETING  
OF CHEN AND ASSOCIATES CONSULTING ENGINEERS, INC.**

A meeting of the board was held at 245 Front Street at the Westin Key West Resort & Marina- Key West, Florida on November 17, 2007 at 8:00 am. This meeting was attended by the Board of Directors.

It was announced that Peter Moore would now be President of Chen and Associates Consulting Engineers, Inc. and that Ben Chen would be Chairman.

There being no further business to come before the shareholders, the meeting was, upon motion duly made, adjourned.

Secretary:

  
Oscar Bello  
November 20, 2007



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## Complete Company Profiles

### Chen Moore and Associates

Chen Moore and Associates is a multi-discipline consulting firm that is a Florida State and local certified SDBE firm located in Miami-Dade, Broward, and Palm Beach Counties. Chen Moore and Associates, founded in 1986, has grown to a staff of 26 full-time personnel. The firm has successfully completed a wide range of projects involving the planning, design and construction in a multitude of disciplines including:

- Wastewater Collection, Transmission, Treatment, Re-use and Disposal
- Pump Station Design and Rehabilitation
- Water Supply, Treatment, and Distribution
- Modeling and Permitting of Drainage, Water Distribution, and Sewer Collection
- Stormwater System Design and Master Planning
- Neighborhood Improvement Projects
- Transportation, Streetscaping and Traffic Improvements
- Project and Program Management
- Landscape Architecture
- Planning
- GIS Analysis and Mapping
- Construction Administration
- Value Engineering
- Utility Rate, Infrastructure Valuation and Annexation Studies
- Grant and Loan Services

#### Value Engineering

Chen and Associates offers the additional service of value engineering during the design of all of our projects. The term value engineering refers to the ability to make engineering decisions that either save money for the client, or get a better product with the same money. At Chen and Associates, our engineers work very closely with the in-house inspectors, allowing a different point of view to be seen when interpreting construction documents. All engineers involved in infrastructure design have considerable field experience performing construction. management services.

#### Responsive Professional Service

Dr. Chen founded Chen Moore and Associates with a belief that relationships are the key to the planning, design and construction of successful projects. The cornerstone of a successful relationship is open, frequent communication. As such, Chen Moore and Associates has adopted several policies that ensure our clients ability to communicate with our staff. From the first second the City interacts with a CMA employee, they will be given a business card with both the individual's email address and the number of the company provided cellular telephone. Chen Moore and Associates provides mobile devices to all managers to ensure their ability to maintain continuous email communication with clients, if that is their preferred method. Finally, Chen Moore and Associates has been using a variety of project collaboration websites and portals since 1999, leading the industry and learning many lessons. This commitment to responsive communication puts the CMA Team in a great position to provide service to the City.

*The cornerstone of a successful relationship is open,  
frequent communication.*

section A

### LEED Experience and Green Initiatives

Chen Moore and Associates believes in creating sustainable communities. As such, Chen Moore and Associates has been involved in over \$350 million of redevelopment projects for Broward County since 1992, including BODRs, design, permitting and construction services including improvements/rehabilitation projects and coordination with historical districts.

Chen Moore and Associates recently hosted LEED Training in our Broward office; eight of our employees participated in the training.

In addition, we encourage our employees to practice green initiatives. We are a member of the South Florida Regional Transportation Authority's Employer Discount Program and pay 100% of our employee's public transportation commuting costs.

*West Palm Beach  
Branch Manager  
James Barton, P.E.  
boards the Tri-Rail  
train to commute  
between Chen Moore  
and Associates'  
Broward and Palm  
Beach offices.*



Chen Moore and Associates also recycles all metal, glass, plastic and paper in our Fort Lauderdale office. We are also active with the Sustainability Committee and Green Initiative Subcommittee at the Broward League of Cities.

### Subconsultants



AECOM, a multi-disciplinary engineering, architecture, landscape architecture, planning, economics, construction administration and environmental services firm, was founded in 1990 with the merger of six separate companies, including several with distinguished histories dating back to the early 1900s. The firm's technical expertise and creative excellence stems from this rich history of some of the world's finest engineering, environmental, planning and design companies. At a local level, the Miami/Coral Gables office of AECOM has been part of the South Florida architectural and engineering design professions since 1926. As the planning & design portion of AECOM, AECOM Design+Planning includes 1,800+ landscape architects, architects, planners and environmental engineers and has the in-house professional resources necessary to lead a major portion of the effort for this project, to expedite the project schedule, and to ensure the best possible overall project coordination and integration throughout the design process.

### Roads and Pedestrian Access

AECOM's livable transportation practice is a group of engineers, architects, landscape architects who take a complete approach to the analysis of streets and transportation. This practice uses and builds upon stand level of service analyses but broadens them to account for access for all modes (cars, bikes, pedestrian, transit), access to parking, and the relationship between private a public space. This includes the integration of pedestrian paths, bicycle ways, and recreational paths.

Much of this work focuses on walkability and connectivity. They utilize technical tools and community process to help identify the need and opportunity for additional network and recommend policy and projects to help achieve those goals.

**AECOM will provide the overall master planning, including park planning and design; architecture; structural, mechanical, and electrical engineering; hardscape design; site furnishing design; wayfinding/signage; and economic advisement, including real estate strategies.**

**Sandra Walters Consultants, Inc. (SWC)** provides services in all areas of ecological and environmental consulting; and land use and public facilities planning and permitting; including habitat assessments, wetland permitting and mitigation design, environmental impact statements, compliance monitoring, development agreements, and submerged land leases. SWC has extensive experience working with regulatory agencies to develop project designs that minimize impacts and meet permitting requirements, and to bring clients into compliance with regulatory standards. The firm has conducted data collection and analysis, and written environmental and planning sections of NEPA documents for FDOT, the FAA, the South Florida Water Management District, and U.S. Army Corps of Engineers, and also provides environmental compliance monitoring services during construction.



SWC has extensive experience in providing public outreach services, including research to identify thorough lists of stakeholders, development and distribution of informative materials, website design and maintenance, creation of citizen advisory committees, organization and running of public meetings as well as one-on-one meetings, as needed, implementation of consensus-building processes, full documentation of all input received, and development of documents showing how input is addressed in the final project.

**SWC Experience with the Truman Waterfront**

SWC has worked extensively through the years on and near the Truman Waterfront property. This work began with participating on preparation of the Base Realignment and Closure (BRAC) plan for the Navy surplus properties in Key West, the most significant of which is Truman Waterfront. Work included SCUBA diving the Mole Pier to characterize benthic resources, as well as other aspects of planning and environmental analysis. Soon after, SWC worked on the Bahama Village Redevelopment Plan Update, examining the relationship between the Truman Waterfront parcel and the adjacent Bahama Village community, and then SWC worked extensively with local residents and businesses to develop the Economic Development Conveyance application for the Truman Waterfront parcel. These planning efforts also included assessments of contamination issues at the property and the status of Navy cleanup and institutional control measures. **SWC will provide services associated with environmental planning, permitting and remediation. Their firm will also assist with community outreach.**

**Nutting Engineers of Florida, Inc.** provides a wide variety of engineering and materials testing services including threshold inspections. Geotechnical engineering services include investigations, analysis, and recommendations for site feasibility, foundations, embankments, pavements, retention structures, and other earthworks projects. **Nutting Engineers will provide geotechnical engineering.**



**RMPK Funding** specializes in obtaining alternative funding for municipalities across Florida. they currently represent 29 municipalities throughout the State of Florida. Over the last eight years, RMPK Funding staff of three full time professionals has worked with local communities to obtain \$90 million in funding. These funding programs have helped our clients complete road projects, trails, cultural facilities and all types of recreational facilities. In addition, we have been successful in working with FEMA and other State and Federal Agencies in securing hurricane and disaster related funding. Our staff specializes in funding opportunities and has a wide range of experience in local, state and federal programs. In addition to obtaining grant funding, our staff provides a number of our clients with grant administration and strategic planning. Over the last nine years, RMPK Funding staff has worked with local communities to obtain \$75 million in funding. Their staff specializes in funding opportunities and has a wide range of experience in local, state and federal programs.



**Reece & White Land Surveying, Inc.**, formerly R.E. Reece, P.A., is a professional surveying and mapping firm providing a wide range of surveying services including construction stake-out, boundary and section work, topographic and hydrographic surveying and GPS. Our varied client base includes contractors, engineers, architects, attorneys, realtors and private individuals. Their firm, located in Big Pine Key, has been surveying in the Florida Keys for more than 15 years.

## Key Personnel

### Chen Moore and Associates

The team members at Chen Moore and Associates have completed hundreds of projects combined involving water/wastewater, stormwater/drainage, roadway/streetscape, environmental engineering, planning, landscape architecture and construction administration. Throughout the years, Chen Moore and Associates has kept up to date on the latest technologies and environmental regulations, often participating in the development of both technical tools and rulemaking. Chen Moore and Associates is performing these services currently in over 30 municipalities throughout South Florida.

**Peter Moore, P.E., LEED AP will serve as the principal-in-charge.** Mr. Moore has over 12 years of responsible and diversified experience in design and construction management of sanitary sewer infrastructure and drainage projects. Mr. Moore will serve as principal-in-charge and will be available attend any meetings and/or presentation to Town staff, stakeholder groups, advisory groups, and elected officials along with any discussions with regulatory agencies during the completion of this project.

**Dr. Ben Chen, P.E., BCEE will be in charge of quality control/quality assurance.** Mr. Chen has over 35 years of professional experience in planning, design, and management in the engineering field. Dr. Chen will provide QA/QC review for this project and will be available attend any meetings and/or presentations to City staff, stakeholder groups, advisory groups, and elected officials along with any discussions with regulatory agencies during the completion of this project.

**Cristobal Betancourt, RLA will serve as the overall project manager and point of contact for the project. He will also manage the landscape architecture design.** Mr. Betancourt is Chen Moore and Associates' Director of Landscape Architecture. He has experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. Several of Mr. Betancourt's projects involve the design of facilities that are pursuing LEED accreditation through the United States Green Building Council. He is well versed in the use of low-impact development techniques applied to site planning

**Oscar Bello, P.E. will oversee all civil engineering activities for the project, including water/wastewater, roadway/streetscape design, and stormwater management.** He has more than 11 years of experience in planning, design, permitting, and construction management of water, wastewater, and drainage municipal projects in Florida. Having recently managed the multi-million dollar Cudjoe Regional Wastewater Collection project and the Navy Pedestrian Bridge, Mr. Bello has extensive experience in Key West and with the local agencies. Mr. Bello has worked as a project manager and project engineer for various projects in South and Central Florida. He currently manages municipal projects for the City of Key West, City of Miami Beach, City of Dania Beach, and Florida Keys Aqueduct Authority.

**Jose Acosta, P.E. will be responsible for drainage and paving tasks.** He has over 12 years of design and project management experience in various industries, including municipal engineering contracts and transportation. His background includes neighborhood improvement projects, streetscape enhancements, utility relocation, on- and off-site infrastructure design, bidding assistance and construction administration services. He has directed and performed the design of site civil engineering plans/tasks (paving, drainage, water, wastewater, roadway, signing and marking, pollution prevention) of municipal, industrial, residential and commercial projects throughout Miami-Dade, Broward and Palm Beach Counties.



section B

**Michael Buick, P.E. will be responsible for engineering permitting.** He is a senior engineer with 10 years of experience. He is responsible for designing stormwater management systems (paving, grading and drainage) and water and sewer connections for municipal projects including design calculations, running flood routing models, drafting design drawings with AutoCAD, coordinating design with other involved disciplines, calculating opinion of probable costs, and writing Basis of Design Reports. Mr. Buick has coordinated site projects with numerous permit agencies throughout South Florida including, FDEP, SFWMD, US ACOE, and various County and City agencies. Mr. Buick also has extensive experience working on projects in environmentally sensitive areas including wetlands and coastal areas.

**Stefan Bortak will assist Mr. Betancourt with landscape architecture design.** At his former firm, he was responsible for all aspects of irrigation consulting, design, details and specifications. He prepared landscape, hardscape, and irrigation plans from concept to construction documents; irrigation distribution plans; water use permits; water use analysis; LEED documentation and calculations. Mr. Bortak also performed construction administration, shop drawing review, and inspections. He was responsible for producing plan and section renderings and graphics, and realistic 3D renderings and fly-through videos. Mr. Bortak specializes in Autodesk AutoCAD Map & Civil 3D, Impression, Vault; BentleyMicrostation V8; SolidWorks; Land F/X; Adobe CS3 & CS4 (Photoshop, Illustrator, InDesign); Google SketchUp; Maxwell Render & Maxwell Studio; and Microsoft Office Suite.

**Andres Aristizábal will assist Mr. Betancourt with landscape architecture design.** He is a designer in Chen Moore and Associates' Miami office. He has experience working on various aspects of civil engineering including paving and grading; demolition; water; sewer; drainage; and signing and marking plans. Mr. Aristizábal also has experience with generating pollution prevention plans.

**Peter Dueño, will assist with paving and drainage.** He currently serves as an associate engineer with Chen Moore and Associates. He holds a Bachelors Degree in Civil Engineering from the University of Florida. He is currently a project engineer on the City Center and South Pointe Right of Way Improvement Projects for the City of Miami Beach. He has also worked as a project engineer in neighborhood improvement projects for the Cities of Dania Beach, North Miami Beach, Key West, and Pinecrest, as well as Miami-Dade DERM. His experience includes planning, pavement marking and signage, streetscape, stormwater modeling and design, water main design, permitting, and cost estimating.

**Jason Haeseler, P.E. will provide construction engineering and inspection services.** He recently joined Chen Moore and Associates as a senior engineer. He has over seven years of experience in construction engineering and inspection and construction administration. Mr. Haeseler has served as project engineer and/or project manager on projects including roadway improvements including widening, resurfacing, and signalization, drainage improvements, low-pressure and gravity sewer systems, water distribution systems, landfill closures, and landfill gas collection systems. His projects have ranged in size from \$250,000 to \$47 million for clients including FDOT, city, and county governments.

**Marlon John will provide construction administration and inspection.** He has his Masters in Construction Management from Florida International University. He currently works as an Engineering Inspector for Chen and Associates. He has been involved in various projects that total over \$40 million in construction value. These projects include Miami Beach City Center ROW Improvement project, the Dania Beach Neighborhood Improvement Projects, and Broadview Park Neighborhood Improvement Projects.

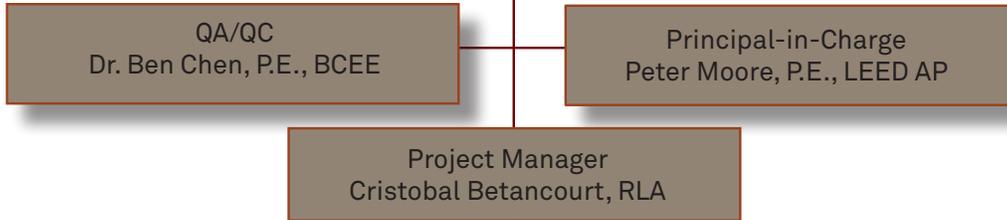
#### **AECOM Project Manager**

**George Puig, RLA** has over 21 years of professional practice in South Florida. He is a registered landscape architect with experience on nearly 100 projects throughout the United States, Latin America and abroad, within both private and public sectors. George currently leads AECOM's Southeastern Urban Public Realm market sector which focuses on greenways, urban parks, plazas, waterfront walks and streetscapes. George's project responsibilities include management of designers, planners, engineers and ensuring our clients receive the best possible service. His project knowledge has been built by his critical involvement in urban design through his role as the designer and project manager in-charge of several park projects throughout South Florida offering design services from concept through construction administration. Half of George's professional experience has been focused on leading multi-disciplinary projects and therefore has direct knowledge of the nuances of coordinating and leading a team of various disciplines.

#### **Names, job classifications, and qualifications of landscape architectural, architectural, engineering and technical personnel who will be assigned to perform services**

The organizational chart on the following page identifies all team members proposed for this project and their role on the project. Resumes, which can be found on page B-12, identify each team member's job classification and qualifications for this project.

# Organizational Chart



## Support Staff

**Landscape Architecture**  
 Cristobal Betancourt, RLA - Project Manager  
 Andres Aristizabal  
 Stefan Bortak  
 George Puig, P.E. - AECOM Project Manager/  
 Landscape Architecture/Waterfront Design  
 Greg Ault, ASLA  
 Dennis Carmichael, FASLA, LEED AP  
 Jay Hood, ASLA

**Architecture**  
 Michael Kerwin, AIA

**Park Planning and Design**  
 David Barth, ASLA, AICP, CPRP  
 Garren Owens, ASLA

**Civil Engineering**  
 Oscar Bello, P.E. - Project Manager/Water & Sewer  
 Jose Acosta, P.E. - Paving and Drainage  
 Peter Dueño - Paving and Drainage  
 Jason McClair, P.E., LEED AP - Water & Sewer  
 Michael Buick, P.E. - Permitting  
 Jason Haeseler, P.E. - Construction Engineering and  
 Inspection  
 Marlon John - Construction Inspection

**Structural Engineering**  
 Ronald Hunt, P.E., LEED AP

**Electrical Engineering**  
 Ovidio Rodriguez, P.E., LEED AP

**Mechanical Engineering**  
 Jose Lara, P.E.  
**Real Estate Strategies**  
 Chris Corr  
 Samara Barend

**Environmental Permitting**  
 Sandra Walters  
 Ken Huntington

**Environmental Data Collection and  
 Analysis**  
 Michelle (Shelli) Braynard

**Utility Data Collection and Analysis/  
 Public Input Processes**  
 Angie Bera

**Environmental Compliance Planning**  
 Teri Beckett, P.E., G.C.

**Grant Writing/Funding**  
 Ryan Ruskey

**Geotechnical Engineering**  
 Paul Catledge, P.E.  
 Richard Wohlfarth, P.E.

**Land Surveying**  
 Joe R. White - Party Chief  
 Eric Wonderly - Instrument Operator  
 John Mucci - Rodman

**Wayfinding/Signage**  
 Jonathan Mugmon

**Transportation Planning/Analysis**  
 Paul Moore, P.E.

**Economics**  
 McDuffie Nichols

## Subconsultants

AECOM  
 Sandra Walters Consultants, Inc. (SWC)  
 Nutting Engineers of Florida  
 RMPK Funding  
 Reese and White Land Surveying



AC# 4735681

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF LANDSCAPE ARCHITECTURE

SEQ# L0911270047

DATE	BATCH NUMBER	LICENSE NBR
11/27/2009	098091190	LA6666941

The LANDSCAPE ARCHITECT  
Named below HAS REGISTERED  
Under the provisions of Chapter 481 FS.  
Expiration date: NOV 30, 2011

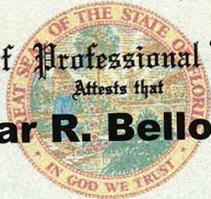
BETANCOURT, CRISTOBAL ALEX  
4838 SE GRAHAM DRIVE  
STUART FL 34997

CHARLIE CRIST  
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CHARLES W. DRAGO  
SECRETARY

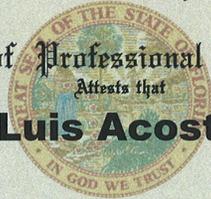
State of Florida  
Board of Professional Engineers



Attests that  
**Oscar R. Bello, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013  
AUDIT NO: 228201305700  
P.E. LIC. NO: 61612

State of Florida  
Board of Professional Engineers



Attests that  
**Jose Luis Acosta, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013  
AUDIT NO: 228201303522  
P.E. LIC. NO: 63827

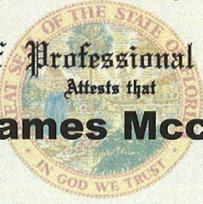
State of Florida  
Board of Professional Engineers



Attests that  
**Michael G. Buick, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013  
AUDIT NO: 228201312648  
P.E. LIC. NO: 65894

State of Florida  
Board of Professional Engineers



Attests that

**Jason James McClair, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013 P.E. LIC. NO:  
AUDIT No: 228201314717 56962

State of Florida  
Board of Professional Engineers



Attests that

**Jason L. Haeseler, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013 P.E. LIC. NO:  
AUDIT No: 228201321019 71590

AC# 4883341 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ# L10031800696

DATE	BATCH NUMBER	LICENSE NBR
03/18/2010	098107088	LC26000395

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2011

AECOM TECHNICAL SERVICES, INC.  
 515 SOUTH FLOWER STREET, 4TH FLOOR  
 LOS ANGELES CA 90071

CHARLIE CRIST GOVERNOR CHARLIE LIEM INTERIM SECRETARY  
 DISPLAY AS REQUIRED BY LAW

State of Florida  
 Board of Professional Engineers  
**AECOM Technical Services, Inc.**

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Certificate of Authorization

EXPIRATION: 2/28/2013 CA. LIC. NO: 8115  
 AUDIT NO: 228201300863

AC# 4726532 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ# E09111701138

DATE	BATCH NUMBER	LICENSE NBR
11/17/2009	090232095	LA0001277

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2011

HOOD, JAY R  
 120 N. ORANGE AVENUE FL 32801  
 ORLANDO

CHARLIE CRIST GOVERNOR CHARLES W. DRAGO SECRETARY  
 DISPLAY AS REQUIRED BY LAW

AC# 4735002 STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ# L09112501004

DATE	BATCH NUMBER	LICENSE NBR
11/25/2009	090241634	LA0000573

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2011

BARTH, DAVID L  
 120 N ORANGE AVE FL 32801  
 ORLANDO

CHARLIE CRIST GOVERNOR CHARLES W. DRAGO SECRETARY  
 DISPLAY AS REQUIRED BY LAW

AC# **4806446** STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ# L10020301008

DATE	BATCH NUMBER	LICENSE NBR
02/03/2010	098107718	LA0001706

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2011

PUIG, GEORGE EDWARD  
 800 DOUGLAS ENTRANCE  
 NORTH TOWER  
 2ND FLOOR  
 CORAL GABLES FL 33134

CHARLIE CRIST GOVERNOR CHARLIE LIEM INTERIM SECRETARY  
 DISPLAY AS REQUIRED BY LAW

AC# **4726536** STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ# E09111701142

DATE	BATCH NUMBER	LICENSE NBR
11/17/2009	090232095	LA0001193

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2011

MCMACKEN, THOMAS J JR  
 120 N ORANGE AVE  
 ORLANDO FL 32801

CHARLIE CRIST GOVERNOR CHARLES W. DRAGO SECRETARY  
 DISPLAY AS REQUIRED BY LAW

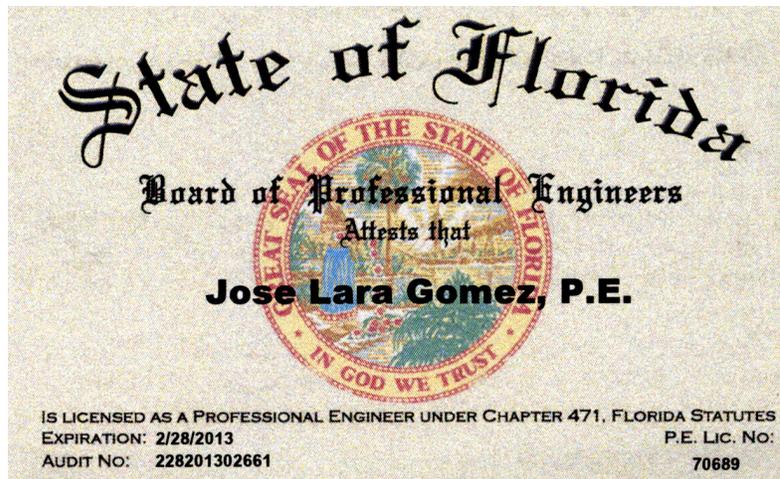
AC# **4560394** STATE OF FLORIDA  
 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
 BOARD OF LANDSCAPE ARCHITECTURE SEQ# L09090201414

DATE	BATCH NUMBER	LICENSE NBR
09/02/2009	098032113	LA6666773

The LANDSCAPE ARCHITECT  
 Named below HAS REGISTERED  
 Under the provisions of Chapter 481 FS.  
 Expiration date: NOV 30, 2011

OWENS, GARREN HARTFORD  
 2020 PRAIRIE AVENUE  
 APT. 302  
 MIAMI BEACH FL 33139

CHARLIE CRIST GOVERNOR CHARLES W. DRAGO SECRETARY  
 DISPLAY AS REQUIRED BY LAW



State of Florida

Board of Professional Engineers

Attests that

**William R. Hunt, P.E.**

**Special Inspector**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013  
AUDIT NO: 228201330037 SI

P.E. LIC. NO: 19689  
S.I. LIC. NO: 675

State of Florida

Board of Professional Engineers

Attests that

**Ovidio Rodriguez, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013  
AUDIT NO: 228201301556

P.E. LIC. NO:  
55995

State of Florida

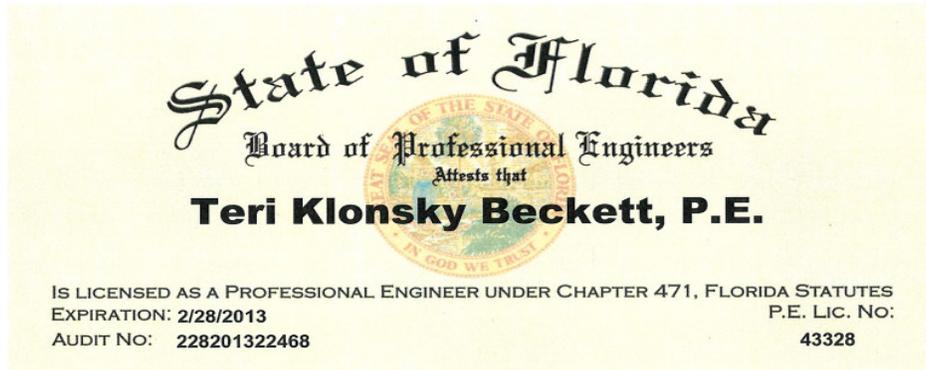
Board of Professional Engineers

Attests that

**Paul Joseph Moore, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
EXPIRATION: 2/28/2013  
AUDIT NO: 228201323566

P.E. LIC. NO:  
53393



Nutting Engineers of Florida



State of Florida  
 Board of Professional Engineers  
**Paul C. Colledge, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
 EXPIRATION: 2/28/2013 P.E. LIC. NO: 68448  
 AUDIT NO: 228201317958

State of Florida  
 Board of Professional Engineers  
**Richard Chase Wohlfarth, P.E.**

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES  
 EXPIRATION: 2/28/2013 P.E. LIC. NO: 50858  
 AUDIT NO: 228201314370

Reese and White Survey

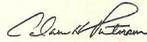


Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB7846**  
 Expiration Date: February 28, 2013

**Professional Surveyor and Mapper Business License**  
 Under the provisions of Chapter 472, Florida Statutes

REECE & WHITE LAND SURVEYING, INC.  
 30364 QUAIL ROOST TRAIL  
 BIG PINE KEY, FL 33043



ADAM H. PUTNAM  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

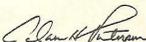


Florida Department of Agriculture and Consumer Services  
 Division of Consumer Services  
 Board of Professional Surveyors and Mappers  
 2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS6688**  
 Expiration Date: February 28, 2013

**Professional Surveyor and Mapper License**  
 Under the provisions of Chapter 472, Florida Statutes

JOE ROBERT WHITE  
 670 LAFITTE ROAD  
 LITTLE TORCH KEY, FL 33042



ADAM H. PUTNAM  
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

## Resumes



Ben H Chen, PhD, PE, BCEE  
Chairman and Founder

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### Education

Bachelor of Science, Civil Engineering, National Taiwan University, 1967  
Master of Science, Sanitary Engineering, National Taiwan University, 1969  
Doctor of Philosophy, Civil Engineering, Virginia Polytechnic Institute and State University, 1973

### Registration

Professional Engineer, Florida, 31849, 1982  
Professional Engineer, Virginia, 008803, 1976

### Professional Affiliations

- American Academy of Environmental Engineers
- American Society of Civil Engineers
- American Water Works Association
- Broward Workforce Development Board
- Florida Atlantic University Civil Engineering (CE) Department Advisory
- Florida Engineering Society
- Florida International University Civil and Environmental (CEE) Department
- Leadership Broward
- National Society of Professional Engineers
- Society of Military Engineers
- St. Thomas University Presidential Board
- Sunset Harbor Homeowner's Association
- Water Environment Federation

### Certifications

Diplomate, American Academy of Environmental Engineers

### Summary

Dr. Chen has over 36 years of professional experience in the civil and environmental engineering field of which over 35 years was in consulting engineering in the civil, water and wastewater areas. His experience includes urban infrastructure renewal, water and wastewater treatment facilities design and construction management, facilities planning, environmental studies, utilities master planning, rate and financial studies. He is principal-in-

charge for the Central Broward County and Broadview Park Neighborhood Improvement Projects for Broward County and project director for City Center and South Pointe Right of Way Infrastructure Improvement Projects for Miami Beach. He also served as assistant program manager of a design and construction program management team for Broward County North Regional WWTP expansion (\$82 million) and the world's largest Detroit Wastewater Treatment Plant with a five year construction program budget of \$1.0 billion. He designed many water and wastewater treatment plants in Florida, Virginia, Maryland and Hawaii. He is the author or co author of many technical papers which have appeared in several major journals.

### Project Experience

#### City Center Right of Way Improvement Project.

Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the City Center neighborhood of Miami Beach. The project encompasses approximately 24,000 LF of ROW infrastructure improvements including water main replacements, sanitary sewer upgrades, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also



required extensive coordination with the Public, adjacent CRAs, historic districts and various regulatory agencies.

As part of the proposed stormwater and drainage services, extensive analysis was conducted utilizing ICPR Modeling and GIS to meet and/or exceed required stormwater Level of Services standards. The proposed stormwater design included the introduction of catch basins and stormwater piping to effectively collect and route the stormwater to 16 drainage gravity wells with overflow outfall to Dade Canal. Water quality treatment was an important consideration and design factor of the system to ensure that appropriate treatment was provided prior to discharge to the gravity wells and outfalls.

**Final Design Cudjoe Regional WW Collection Project.** Chen and Associates is the engineering consultant for the final design and permitting of installation of a wastewater collection systems within Monroe County. Recognizing that the economic health of Monroe County and its municipalities relies largely on the environmental health of a unique marine ecosystem, the County's Year 2010 Comprehensive Plan mandated that nutrient loading levels be reduced in the marine ecosystem of the Florida Keys. In June of 2000, the Sanitary Wastewater Master Plan (Master Plan) was finalized with the goal of eliminating approximately 23,000 private on-site wastewater systems by July 2010. Through interlocal agreement, Monroe County has requested that the Florida Keys Aqueduct Authority (FKAA) design, build, and operate County-owned infrastructure on behalf of the citizens in the master-plan prescribed service areas.

The service areas for the proposed wastewater collection systems under this project include Big Pine Key, Little Torch Key, Ramrod Key,

Noname Key, and Lower Sugarloaf Keys. Chen and Associates is responsible for the final planning, design and permitting services to cover the non-central service areas of the regional system. The final product will be a permitted conveyance system that will combine various wastewater collection system technologies in order to connect as many on-site wastewater systems as possible for the lowest overall cost. The combined strategic utilization of proper planning and technology, extending to the greatest number of connections for the best value, is an approach developed by the FKAA through its years of experience in the water and wastewater utility business.

**Key West Design/Build Transfer Station.**

Chen and Associates was the lead design consultant for the design/build project of the new Key West Solid Waste Transfer Station. The project consisted of development of approximately 4 acres of vacant land in Rockland Key, Monroe County, Florida. The transfer station included a transfer building with truck tunnels, a corrugated cardboard recycling building, office and maintenance building, scale house with truck scale platforms and inspection area, leachate storage tank and retaining walls. The state-of-the-art transfer station replaces the aging Southernmost Waste to Energy facility on Stock Island, providing the capacity to handle the city's needs for at least the next 20 to 30 years.

The overall design of the Solid Waste Transfer Station in Key West required retaining walls along the proposed roadway/driveway. As such, design plans were prepared for a cast in place reinforced concrete to handle WB-67 truck loads.



Peter M Moore, PE, LEED AP  
President and CEO

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### **Education**

Bachelor of Science, Civil Engineering,  
University of Florida, 1997  
Master of Engineering, Civil Engineering,  
University of Florida, 2004

### **Registration**

Professional Engineer, Florida, 58709, 2002

### **Professional Affiliations**

- American Society of Civil Engineers
- Florida Engineering Society
- Florida Engineering Society
- Florida Stormwater Association
- National Society of Professional Engineers

### **Certifications**

Certified Stormwater Inspector  
LEED Accredited Professional

### **Summary**

As the President of the firm, Mr. Moore is ultimately responsible for all day to day operations of the firm. Mr. Moore works as the Client Project Manager for work in Broward County, Pompano Beach and Deerfield Beach and continues to be involved in the successful completion of projects. These projects include sanitary collection improvements, pump station rehabilitation, transportation engineering enhancements, water and reclaimed water consulting along with all other phases of civil engineering design and neighborhood improvements. Additionally, Mr. Moore serves as the Assistant City Engineer for the City of Coral Springs and is the spokesperson for the City's Engineering Division. Finally, Mr. Moore serves on the firm's QA/QC Committee ensuring the consistency of the quality product throughout the firm.

Mr. Moore has both a Bachelor of Science and Master of Engineering degree in Civil Engineering, is a registered Professional Engineer in Florida and is a LEED Accredited Professional.

### **Project Experience**

#### **South Beach Parking Lot Wall Replacement and ADA Improvements.**

The purpose of this project is to provide the restoration and enhancement of the City-owned 6.5 acre "South Beach" parking lot, located along SR A1A, south of Las Olas Boulevard. The scope of work includes bringing the parking lot into ADA compliance per requirements of consent decree, replacing a deteriorating low profile wall and sidewalk approximately 2100 feet in length, replacing existing lighting with turtle-compliant fixtures, and designing additional landscaping. Chen Moore and Associates is tasked to prepare the required DRC submittal, which will include all required public purpose approvals, as well as a conceptual layout of a new entrance at the southern end of the parking lot. This project is a joint effort between various City departments, including the City of Fort Lauderdale Beach Community Redevelopment Agency and Parking Services.

#### **City Center Right of Way Improvement Project.**

Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the City Center neighborhood of Miami Beach. The project encompasses approximately 24,000 LF of ROW infrastructure improvements including water main replacements, sanitary sewer upgrades, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street



furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the Public, adjacent CRAs, historic districts and various regulatory agencies.

As part of the proposed stormwater and drainage services, extensive analysis was conducted utilizing ICPR Modeling and GIS to meet and/or exceed required stormwater Level of Services standards. The proposed stormwater design included the introduction of catch basins and stormwater piping to effectively collect and route the stormwater to 16 drainage gravity wells with overflow outfall to Dade Canal. Water quality treatment was an important consideration and design factor of the system to ensure that appropriate treatment was provided prior to discharge to the gravity wells and outfalls.

### **Miami Beach - South Pointe Phase III/IV/V - ROW Improvement Project.**

Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this

neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the public, adjacent CRAs, historic districts and various regulatory agencies.

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### **Navy Pedestrian Bridge at Key West's**

**Truman Annex.** The bridge was placed in April 2010 after an eight month hiatus due to railroad artifacts discovered during the excavation of the piers. This pedestrian bridge will ultimately serve as the future gateway to Ft. Zachary State Park in Key West. Chen Moore and Associates provided third party engineering design review and construction engineering observation services.



Cristobal A Betancourt, RLA  
Director of Landscape Architecture

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### Education

Bachelor of Science, Landscape Architecture,  
Cornell University, 1995

### Registration

CLARB, 2006  
Registered Landscape Architect, Florida,  
LA6666941, 2008

### Professional Affiliations

- American Society of Landscape Architects
- East Stuart Main Street Design Committee
- FloridaNetwork of Research, Science, and Technology Parks
- Martin County Overall Extension Advisory Committee
- Urban Land Institute

### Certifications

Council of Landscape Architectural Registration Board

### Summary

Mr. Betancourt is Chen Moore and Associates' Director of Landscape Architecture. He has experience providing planning and landscape architecture design solutions for public and private sector clients. Mr. Betancourt provides a full range of services starting with due diligence and master planning culminating in detailed site design. Most of Mr. Betancourt's current projects involve the design of facilities that are pursuing LEED accreditation through the United States Green Building Council. He is well versed in the use of low-impact development techniques applied to site planning.

Mr. Betancourt has provided design services for commercial, corporate, education (K-12, special needs, and university levels), healthcare, research, residential (single and multi-family), retail and entertainment, planned unit

developments, and transit oriented developments across the U.S. and abroad.

### Project Experience

**South Beach Parking Lot Wall Replacement and ADA Improvements.** The purpose of this project is to provide the restoration and enhancement of the City-owned 6.5 acre "South Beach" parking lot, located along SR A1A, south of Las Olas Boulevard. The scope of work includes bringing the parking lot into ADA compliance per requirements of consent decree, replacing a deteriorating low profile wall and sidewalk approximately 2100 feet in length, replacing existing lighting with turtle-compliant fixtures, and designing additional landscaping. Chen Moore and Associates is tasked to prepare the required DRC submittal, which will include all required public purpose approvals, as well as a conceptual layout of a new entrance at the southern end of the parking lot. This project is a joint effort between various City departments, including the City of Fort Lauderdale Beach Community Redevelopment Agency and Parking Services.

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walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the Public, adjacent CRAs, historic districts and various regulatory agencies.

**The Waterfront - G9.** Provided landscape architecture for a 725-acre urban mixed-use development in the Waterfront District of Dubai, United Arab Emirates. The project area includes six miles of urban streetscape, four miles of commercial and residential waterfront, and three major urban parks. Services include conceptual through final design plans for the project's landscape, hardscape, irrigation, site furnishings, water features, architectural amenities, signage and lighting. This project was developed to achieve Gold LEED Certification. This project represents Mr. Betancourt's experience while with another firm.

**Sarasota National Cemetery Assembly Area.** Project for Department of Veteran's Administration and The Patterson Foundation to provide design services and implement an expanded Assembly Area at the Sarasota National Cemetery. Typically, each National Cemetery has a space designated as the Assembly Area, a plaza space with a prominent American flag and a small paved area for public assembly. With The Patterson Foundation's generous donation to the Veteran's Administration, this new Assembly Area will now be the most lavish Assembly Area in the country to honor our veteran's. The design's feature includes areas for art and interpretive history of the US military, a covered amphitheater and an expansive rostrum area for speaking.

**Sarasota National Cemetery.** With nearly one fifth of Florida's 1.9 million military-service veterans living within 75 miles of Sarasota, the U.S. Department of Veterans Affairs (VA) has

designated a 300-acre site, comprised primarily of agricultural lands, to serve as the Sarasota National Cemetery. Mr. Bortak provided the necessary services for master planning and design development for this new National Cemetery. The firm also performed surveying, permitting, construction document preparation and construction period services. The design documentation for the Phase 1 build-out covered approximately 100 acres of the site. Included as part of the design were environmental mitigation, main entrance area, assembly area, public information center, committal service shelters, full-casket grave sites containing pre-placed crypts, columbarium, cremains sites, roadways, irrigation, utilities, surveying, landscaping, administration building, maintenance building, and signage. This project represents Mr. Betancourt's experience while with another firm.

**Oceanfront Park, Boynton Beach, FL**  
Oceanfront Park is the only beach access point for the City of Boynton Beach. The existing park boardwalk and amenities needed to be updated due to the general degradation of the property. The project required permitting through the Town of Ocean Ridge Building Department, City of Boynton Beach Utilities Department, Florida Fish and Wildlife Commission, Palm Beach County Department of Environmental Resource Management, and the Florida Department of Environmental Protection for work east of the Coastal Construction Control Line (CCCL). The resulting design of the park incorporated 1,000 feet of new boardwalk with dune crossovers, tension membrane shade structures, landscaping, dune plantings, rope and bollard beach access points, and site furnishings. The site was brought fully to compliance with the Americans with Disabilities Act. Mr. Betancourt served as the project manager for the project and was responsible for surveying, site planning, permitting, hardscape, landscape, irrigation, and construction administration. This project represents Mr. Betancourt's experience while with another firm.



Andres Aristizabal  
Designer

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**Education**

Mechanical Engineering, University of Texas,  
Austin, 2011

**Registration**

N/A

**Professional Affiliations**

N/A

**Certifications**

N/A

**Summary**

Mr. Aristizabal is a designer in Chen Moore and Associates' Miami office. Previously, he worked on various aspects of civil engineering including paving and grading; demolition; water; sewer; drainage; and signing and marking plans. Mr. Aristizabal also has experience with generating pollution prevention plans.

At his previous employer, Mr. Aristizabal worked closely with engineers; provided input during the design process; researched ways to improve the design process using CAD and Civil3D; provided guidance and training on CAD and Civil3D; participated in various field inspections; attended meetings with clients, architects, and other engineers; and generate details, cross sections, and custom blocks per engineer's requests.

**Project Experience**

**Miami Beach - South Pointe Phase III/IV/V - ROW Improvement Project.**

Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public

right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the public, adjacent CRAs, historic districts and various regulatory agencies.

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Marc Stefan Bortak  
Cad Technician

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**Education**

Bachelor of Science, Interdisciplinary Studies,  
University of Central Florida, 2012

**Registration**

N/A

**Professional Affiliations**

N/A

**Certifications**

N/A

**Summary**

Mr. Bortak is a designer for Chen Moore and Associates. At his former firm, he was responsible for all aspects of irrigation consulting, design, details and specifications. He prepared landscape, hardscape, and irrigation plans from concept to construction documents; irrigation distribution plans; water use permits; water use analysis; LEED documentation and calculations. Mr. Bortak also performed construction administration, shop drawing review, and inspections. He was responsible for producing plan and section renderings and graphics, and realistic 3D renderings and fly-through videos.

Mr. Bortak also assisted with project coordination and quality control between multiple offices; project budgeting and cost estimating; and client consulting for best irrigation practices, new and innovative products, and water conservation. He was responsible for the implementation of Land F/X design software as a department standard for landscape architecture and irrigation design. This included setup software, installation, deployment, creating company standards and software manuals. Mr. Bortak provided training and technical support and managed data and license usage across multiple offices.

Mr. Bortak specializes in Autodesk AutoCAD Map & Civil 3D, Impression, Vault; BentleyMicrostation V8; SolidWorks; Land F/X; Adobe CS3 & CS4 (Photoshop, Illustrator,

InDesign); Google SketchUp; Maxwell Render & Maxwell Studio; Microsoft Office Suite

**Project Experience**

**Miami Beach - South Pointe Phase III/IV/V - ROW Improvement Project.**

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Bay design and implementation of water quality treatment measures was an important consideration and design factor of the system prior to outfall to the Bay and was closely coordinated with regulatory agencies during the permitting process.

### **Sarasota National Cemetery Assembly**

**Area.** Mr. Bortak has been hired by the Department of Veteran's Administration and The Patterson Foundation to provide design services and implement an expanded Assembly Area at the Sarasota National Cemetery. Typically, each National Cemetery has a space designated as the Assembly Area, a plaza space with a prominent American flag and a small paved area for public assembly. With The Patterson Foundation's generous donation to the Veteran's Administration, this new Assembly Area will now be the most lavish Assembly Area in the country to honor our veteran's. The design's feature includes areas for art and interpretive history of the US military, a covered amphitheater and an expansive rostrum area for speaking. This project represents Mr. Bortak's experience while with another firm.

**Sarasota National Cemetery.** With nearly one fifth of Florida's 1.9 million military-service veterans living within 75 miles of Sarasota, the U.S. Department of Veterans Affairs (VA) has designated a 300-acre site, comprised primarily of agricultural lands, to serve as the Sarasota National Cemetery. Mr. Bortak provided the necessary services for master planning and design development for this new National Cemetery. The firm also performed surveying, permitting, construction document preparation and construction period services. The design

documentation for the Phase 1 build-out covered approximately 100 acres of the site. Included as part of the design were environmental mitigation, main entrance area, assembly area, public information center, committal service shelters, full-casket grave sites containing pre-placed crypts, columbarium, cremains sites, roadways, irrigation, utilities, surveying, landscaping, administration building, maintenance building, and signage. Mr. Bortak's experience while with another firm.

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Oscar R. Bello, PE  
Project Manager

---

### Education

Bachelor of Science, Civil Engineering,  
University of Central Florida, 1999

### Registration

Professional Engineer, Florida, 61612, 2004

### Professional Affiliations

- American Public Works Association
- American Society of Civil Engineers
- Environmental Coalition of Miami and the Beaches
- Florida Engineering Society
- National Society of Professional Engineers

### Certifications

Nuclear Density Gauge Certification  
Level I Survey Technician

### Summary

Mr. Bello holds a bachelor's degree in civil engineering. He has more than ten years of experience in planning, design, permitting, and construction management of water, wastewater, and drainage municipal projects in Florida. Mr. Bello has worked as a project manager and project engineer for various projects in South and Central Florida. He currently manages municipal projects for the City of Miami Beach, City of Dania Beach, Florida Keys Aqueduct Authority and the City of Key West.

### Project Experience

**City Center Right of Way Improvement Project.** Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the City Center neighborhood of Miami Beach. The project encompasses approximately 24,000

LF of ROW infrastructure improvements including water main replacements, sanitary sewer upgrades, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the Public, adjacent CRAs, historic districts and various regulatory agencies.

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**Key West - General Transportation Engineering Services.** Chen Moore and Associates was selected to provide General Transportation Engineering Services for the City of Key West Department of Transportation (KWDoT). KWDoT provides many services to the community, visitors, and their internal customers (staff), which



consists of over 400 City associates. The three service areas or functions that KWDoT is responsible for providing are public transportation, fleet services, and municipal parking lot operations.

Chen Moore and Associates' first task order was the City of Key West Department of Transportation Facility. The City of Key West proposes to construct a new Transportation Facility on the site of the old Southernmost Waste to Energy Facility (SWTE). The new facility will serve as the transportation operations and administration building for the City of Key West and be the primary terminal/transfer station for lower keys shuttle bus service which serves Marathon to Key West. It will provide parking for customers of public transportation and employees as well as a plan for Phase II of the construction on the remaining land at this site to incorporate tour bus parking and shuttle services into Key West from Stock Island, Florida.

The project will allow for expanded public transportation, adequate office and parking space for employees, as well as training rooms, locker rooms, and space for additional personnel that will be required to move the community into the next generation of public transit services, which includes security issues related to the Homeland Security Act. Funding is provided in part by the Federal Transportation Authority and the Florida Department of Transportation. Compliance with the National Environmental Policy Act for the proposed site improvements will be a requirement for the federal funding aspects for the project. Project is on track to become LEED Silver certified.

**Navy Pedestrian Bridge at Key West's Truman Annex.** The bridge was placed in April 2010 after an eight month hiatus due to railroad artifacts discovered during the excavation of the piers. This pedestrian bridge will ultimately serve as the future

gateway to Ft. Zachary State Park in Key West. Chen Moore and Associates provided third party engineering design review and construction engineering observation services.

**Final Design Cudjoe Regional WW Collection Project.** Chen and Associates is the engineering consultant for the final design and permitting of installation of a wastewater collection systems within Monroe County. Recognizing that the economic health of Monroe County and its municipalities relies largely on the environmental health of a unique marine ecosystem, the County's Year 2010 Comprehensive Plan mandated that nutrient loading levels be reduced in the marine ecosystem of the Florida Keys. In June of 2000, the Sanitary Wastewater Master Plan (Master Plan) was finalized with the goal of eliminating approximately 23,000 private on-site wastewater systems by July 2010. Through interlocal agreement, Monroe County has requested that the Florida Keys Aqueduct Authority (FKAA) design, build, and operate County-owned infrastructure on behalf of the citizens in the master-plan prescribed service areas.

The service areas for the proposed wastewater collection systems under this project include Big Pine Key, Little Torch Key, Ramrod Key, Noname Key, and Lower Sugarloaf Keys. Chen and Associates is responsible for the final planning, design and permitting services to cover the non-central service areas of the regional system. The final product will be a permitted conveyance system that will combine various wastewater collection system technologies in order to connect as many on-site wastewater systems as possible for the lowest overall cost. The combined strategic utilization of proper planning and technology, extending to the greatest number of connections for the best value, is an approach developed by the FKAA through its years of experience in the water and wastewater utility business.



Jose Luis Acosta, PE  
Senior Engineer

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### **Education**

Masters of Business Administration, Auburn University, 2003  
Bachelor of Science, Civil Engineering, University of Miami, 1999  
Bachelor of Science, Architectural Engineering, University of Miami, 1999

### **Registration**

Professional Engineer, Florida, 63827, 2004  
Natl. Council of Examiners for Eng. & Surveying, 41987

### **Professional Affiliations**

- American Society of Civil Engineers
- Cuban American Association of Civil Engineers
- Florida Engineering Society
- National Society of Professional Engineers
- Society of Military Engineers
- Urban Land Institute

### **Certifications**

Stormwater Management Inspector

### **Summary**

Mr. Acosta is a senior engineer and project manager in Chen Moore and Associates' Miami office. Previously, Mr. Acosta served as the director of engineering, senior project manager and senior engineer for a regional multi-disciplinary firm. He served as both the director of engineering and service manager for five south Florida offices where he was responsible for a staff of over 50 staff members.

His duties included conducting department coordination meetings and employee reviews; setting annual budgets; coordinating all recruitment reporting to the vice president of engineering; maintaining profitability and utilization; promoting staff growth and community involvement; and implementing a quality assurance/quality control plan throughout the department. Mr. Acosta was also

responsible for marketing and strategic planning for the team's cross geographic regions which included various public and private sector business units including healthcare, transportation, higher education, K-12 education, municipal continuing service contracts, and commercial/residential/industrial private development.

### **Project Experience**

#### **City Center Right of Way Improvement Project.**

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As part of the proposed stormwater and drainage services, extensive analysis was conducted utilizing ICPR Modeling and GIS to meet and/or exceed required stormwater Level



of Services standards. The proposed stormwater design included the introduction of catch basins and stormwater piping to effectively collect and route the stormwater to 16 drainage gravity wells with overflow outfall to Dade Canal. Water quality treatment was an important consideration and design factor of the system to ensure that appropriate treatment was provided prior to discharge to the gravity wells and outfalls.

### **Miami Beach - South Pointe Phase III/IV/V - ROW Improvement Project.**

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Peter J. Dueño, EIT  
Associate Engineer

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### Education

Bachelor of Science, Civil Engineering,  
University of Florida, 2006

### Registration

Engineer in Training, Florida, 1100014101,  
2010

### Professional Affiliations

- American Society of Civil Engineers
- Florida Engineering Society
- Southeast Civil Gators

### Certifications

N/A

### Summary

Mr. Dueño currently serves as an associate engineer with Chen and Associates. He holds a Bachelors Degree in Civil Engineering from the University of Florida. He is currently a project engineer on the City Center and South Pointe Right of Way Improvement Projects for the City of Miami Beach. He has also worked as a project engineer in neighborhood improvement projects for the Cities of Dania Beach, North Miami Beach, Key West, and Pinecrest, as well as Miami-Dade DERM. His experience includes planning, pavement marking and signage, streetscape, stormwater modeling and design, water main design, permitting, and cost estimating.

### Project Experience

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Jason J McClair, PE, LEED AP  
Branch Manager and Senior Engineer

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### Education

Bachelor of Science, Civil Engineering,  
University of Florida, 1996

### Registration

Professional Engineer, Florida, 56962, 2001

### Professional Affiliations

- American Public Works Association
- American Society of Civil Engineers
- Broward County Gator Club
- Florida Engineering Society
- National Society of Professional Engineers
- University of Florida Alumni Association

### Certifications

SewerCAD Master Modeler (Haestad Methods)  
WaterCAD Master Modeler (Haestad Methods)  
ICPR Modeler (Streamline Technologies)  
Radiation Safety Officer (Troxler)  
Nuclear Density Gauge Operator (Troxler)  
Advanced Work Zone Traffic Control (FICE)

### Summary

Jason McClair, P.E., LEED AP is a senior civil engineer with experience and knowledge in various disciplines, such as utility infrastructure design, regulatory permitting, geotechnical engineering, and computer aided flow modeling for stormwater collection, water distribution, and sanitary transmission systems. He is currently the project manager for the Fort Lauderdale-Hollywood International Airport Stormwater Master Plan Update and City Center Right of Way Infrastructure Improvement Project for the City of Miami Beach's Capital Improvement Program Office. He is also the client contact for the Town of Lauderdale-by-the-Sea, City of Pompano Beach, City of Fort Lauderdale, City of Coconut Creek, and Village of Islamorada on all projects.

### Project Experience

#### Key West Design/Build Transfer Station.

Chen and Associates was the lead design consultant for the design/build project of the

new Key West Solid Waste Transfer Station. The project consisted of development of approximately 4 acres of vacant land in Rockland Key, Monroe County, Florida. The transfer station included a transfer building with truck tunnels, a corrugated cardboard recycling building, office and maintenance building, scale house with truck scale platforms and inspection area, leachate storage tank and retaining walls. The state-of-the-art transfer station replaces the aging Southernmost Waste to Energy facility on Stock Island, providing the capacity to handle the city's needs for at least the next 20 to 30 years

The overall design of the Solid Waste Transfer Station in Key West required retaining walls along the proposed roadway/driveway. As such, design plans were prepared for a cast in place reinforced concrete to handle WB-67 truck loads.

#### City Center Right of Way Improvement Project, Miami Beach, FL.

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**Fort Lauderdale-Hollywood International Airport Stormwater Master Plan Update Phase 2.** Chen Moore and Associates is currently working on the Stormwater Master Plan update for the Fort Lauderdale-Hollywood International Airport. Phase 2 involves the expansion updates of the south runway; the development of the stormwater design standards manual; update of the stormwater model; assistance with permitting; the development of a stormwater capital improvement plan; and may involve preparing and submitting a stormwater conceptual permit.



Michael G Buick, PE  
Senior Engineer

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### Education

Bachelor of Science, Biosystems Engineering,  
University of Manitoba, 2000

### Registration

Professional Engineer, Florida, 65894, 2007

### Professional Affiliations

- American Society of Civil Engineers
- Environmental Coalition of Miami and the Beaches
- Florida Engineering Society
- National Society of Professional Engineers

### Certifications

Qualified Stormwater Management Inspector  
"Florida Department of Environmental  
Protection".

### Summary

Mr. Buick is a senior engineer in our Miami Beach office and has over eight (8) years of experience in site development. His experience includes planning, design and permitting of site infrastructure including site paving, grading and drainage and site utility plans for land development projects.

Mr. Buick is responsible for designing stormwater management systems (paving, grading and drainage) and water and sewer connections for residential and utility site development projects including design calculations, running flood routing models, drafting design drawings with AutoCAD, coordinating design with other involved disciplines, calculating opinion of probable costs, and writing Basis of Design Reports. Mr. Buick has coordinated site development projects with numerous permit agencies throughout South Florida including, FDEP, SFWMD, US ACOE, and various County and City agencies. Mr. Buick also has extensive experience working on projects in environmentally sensitive areas including wetlands and coastal areas.

### Project Experience

#### City Center Right of Way Improvement Project.

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Jason L Haeseler, PE  
Senior Engineer

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### Education

Bachelor of Science, Civil Engineering,  
University of Florida, 2006

### Registration

Professional Engineer, Florida, 71590, 2010

### Professional Affiliations

- American Public Works Association
- American Society of Civil Engineers
- Florida Engineering Society
- National Society of Professional Engineers

### Certifications

Qualified Stormwater Management Inspector

### Summary

Mr. Haeseler is a senior engineer for Chen Moore and Associates as. He has over seven years of experience in construction engineering and inspection and construction administration. Mr. Haeseler has served as project engineer and / or project manager on projects including roadway improvements including widening, resurfacing, and signalization, drainage improvements, low-pressure and gravity sewer systems, water distribution systems, landfill closures, and landfill gas collection systems. His projects have ranged in size from \$250,000 to \$47 million for clients including FDOT, city, and county governments. Mr. Haeseler holds a Bachelor of Science in Civil Engineering from the University of Florida and is a member of the American Society of Civil Engineers, Florida Engineering Society, National Society of Professional Engineers, and the American Public Works Association.

### Project Experience

#### City Center Right of Way Improvement

**Project.** Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and

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**Broadview Park NIP, Broward County, FL.**

The Broadview Park Neighborhood Improvement Project (BPNIP) is the last of the Neighborhood Infrastructure Improvements projects to be carried out by Broward County in the unincorporated areas. Chen Moore and Associates was selected as the prime consultant for the Basis of Design Report (BODR) and subsequent bid packages. The third Bid Package addressed sanitary sewer and drainage improvements, while enhancing the community's roadway and landscape.



Marlon D John  
Engineering Inspector

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**Education**

Master of Science, Construction Administration, Florida International University, 2009  
Bachelor of Arts, Business Administration, Park University, 2002  
Bachelor of Arts, Human Resources, Park University, 2002

**Registration**

N/A

**Professional Affiliations**

N/A

**Certifications**

MOT Workzone Traffic Control: Intermediate Level  
Workzone Traffic Control.  
Nuclear Density Gauge  
Asphalt Paving Technician Level 2  
Asphalt Paving Technician Level 1  
Earthwork Construction Inspection Level 2  
Earthwork Construction Inspection Level 1  
Consultant CEI Project Manager Training  
Radiation Safety Officer Training  
Occupational Safety and Health Administration  
Construction Safety and Health  
Qualified Storm Water Management Inspector

**Summary**

Mr. John has his Masters in Construction Management from Florida International University. He currently works as an Engineering Inspector for Chen Moore and Associates. He is involved in various projects, which total in construction value over \$40 million. These projects include the Dania Beach Neighborhood Improvement Projects, and Broadview Park Neighborhood Improvement Projects Bid Packages 2, 3 & 4.

**Project Experience**

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George E. Puig, RLA  
Associate Principal/  
Landscape Architect

**Education**

Bachelor of Landscape  
Architecture, University of  
Florida, 1989

**Professional Registrations**

Registered Landscape  
Architect (RLA), Florida  
(#1706)

Registered Landscape  
Architect (RLA), Puerto Rico  
(#41)

**Accreditation**

Crime Prevention Through  
Environmental Design  
(CPTED) Certification, 2005  
Roadside Vegetation  
Management Advanced  
Training Certification, 2002

**Affiliations**

American Society of  
Landscape Architects  
(ASLA)  
Colegio de Arquitectos y  
Arquitectos Paisajistas de  
Puerto Rico (CAAPPR)  
Urban Land Institute (ULI)

**PROJECT EXPERIENCE****Everglades National Park Flamingo Master Plan, Homestead, FL**

Landscape Architect

CLIENT: National Park Service

Flamingo, the largest developed area within the Park, was severely damaged during hurricanes Katrina and Wilma in 2005. AECOM was tasked with the creation of a Master Plan for the Park focused on the overall vision for Flamingo's redevelopment. It will provide guidance to establish the "New Flamingo" as an eco-friendly destination with a greater variety of lodging experiences and visitor services. A set of sustainable principles suited to Flamingo's environment will be developed, encompassing site design, building materials, energy management, water supply, waste prevention, "green" and regionally appropriate architecture, habitat restoration, wildlife protection, and visitor education and activities which will guide planning, design, construction, restoration and use of Flamingo for the next 50 years.

**Heritage Park and Parking Garage, Sunny Isles Beach, FL**

Project Manager

CLIENT: City of Sunny Isles Beach

Senior landscape architect responsible for the landscape, hardscape, site furniture, site lighting and site planning design from concept through construction administration of a 4 acre urban park and 6-level, 500 space parking garage within a urban coastal site. Key features included an interactive water feature, performance stage, multi-use event lawn, amphitheatre seating, memorial wall and plaza, playgrounds and exercise paths.

**Tropical Park General Plan, Miami, FL**

Project Manager

CLIENT: Miami-Dade County Park & Recreation Department

Lead the team responsible for the conceptual design and planning alternatives for the Westchester Cultural Arts Center facility and surrounding outdoor spaces as well as for the Tropical Park entrance beautification design criteria.

**East Little Havana Greenprint Study, Miami, FL**

Project Manager

CLIENT: The Trust for Public Land

Planning + landscape design services for a greenprint master plan that evaluates current and future parks & open space needs for the community of East Little Havana.

**Brickell Parks, Miami, FL**

Project Manager

CLIENT: The Related Group

Conceptual landscape design and planning for Brickell Park and the Miami Circle Park at the mouth of the Miami River.

**Indian Creek Greenway, Miami Beach, FL**

Project Manager

CLIENT: City of Miami Beach

Conceptual Design documents of a greenway/linear park along the historic Indian Creek waterway which included landscape, hardscape, site furniture alternatives.

**Rock Ridge Park, Miami-Dade County, FL**

Landscape Architect

CLIENT: Miami-Dade County Park & Recreation Department

Design and construction documents for a new neighborhood park in southwest Miami-Dade County that included 100% native plantings, playground, walking paths and a multi-use field.

**One Miami Riverwalk Extension, Miami, FL**

Project Manager

Landscape, hardscape design and construction administration for a public Riverwalk at the mouth of the Miami River in conjunction with a multi-use, multi-story, office, residential and entertainment complex.

**Greg Ault, ASLA**  
**Principal / Vice**  
**President**  
**Senior Landscape**  
**Architect / Urban**  
**Designer**

**Education**

Bachelor of Science in  
Landscape Architecture,  
Purdue University, 1978

**Professional Registrations**

Registered Landscape  
Architect, FL, 1986, #1193

**Awards + Honors**

Smart Growth Award, ULI &  
The Smart Growth Alliance,  
Washington DC, for Metro  
West Urban Design Plan,  
2006  
Awards Program  
Outstanding Federal  
Planning Project, Naval  
Station ROTA Overview  
Regional Shore  
Infrastructure Plan, Rota,  
Spain, American Planning  
Association, Federal  
Planning Division, 2005  
Low Impact Development  
Center, Outstanding Use of  
Low Impact Development  
Treatments, Wilmington, NC,  
2007  
Jury Member, Landscape  
Architect of the Year Award  
Program, U.S. Army Corps of  
Engineers, 1995, 1996, and  
1997

**PROJECT EXPERIENCE****Glenwood Park, Howard County, MD**

Project Manager. Master plan for county park features a compact community center replete with library, senior center, fire station, and retail stores around a village green. The project featured a connective open space and trails system linking all park areas to the surrounding community

**MacArthur Center Development Guidelines, Palm Beach Gardens, FL**

Project Manager. A 450-acre, mixed-use center including a large retail mall, offices, residential, parks and open space uses in Northern Palm Beach County.

**Celebration Town Center Common Area Development, Celebration, FL**

Quality Assurance Officer. Parks, plazas, streetscapes, walking trails and recreation areas for Phases 3 and 4, an area encompassing 1,000 residential units.

**Fort Lauderdale Riverwalk, Fort Lauderdale, FL**

Project Manager. Urban design study for mile-long downtown corridor sought new office, retail and residential parcels adjacent to the expanding CBD. The project provided pedestrian and open space connections throughout the length of the Riverwalk.

**Barons Court Sports & Leisure Resort, Alexandria, Egypt**

Planner. Master plan for the development of a sports themed 580-acre tourist resort located in the context of surrounding parks and trails system, waterfront resorts and future infrastructure projects.

**Greenbelt Station, Prince George's County, MD**

Project Manager. Planning and design for 240-acre, 5.5 million square foot mixed-use development adjacent to rapid transit station that included a 110 acre County park with naturalized trails system, stream crossings and an environmental education center.

**Mecca Farms, Palm Beach County, FL**

Project Manager. Land use and real estate analysis for 3,000 acres of former citrus land. Suggested solutions included a mix of residential, commercial, resort uses and an extensive open space network for hiking, biking and horseback riding.

**M Street Southeast Revitalization, Washington, DC**

Planner. Urban planning and design for redevelopment of pedestrian areas in the M Street corridor in a revitalization project for the city's southeast district. Design development drawings and guidelines addressed future developments within the corridor.

**Twinbrook Metro Project, Rockville, MD**

Project Manager. Mixed use project includes over 500,000 square feet of private sector office, residential, and retail components in an urban Main Street context that emphasizes pedestrian-scale living, shopping and working experiences.

**City of North Miami, Miami, FL**

Urban Designer. Technical Advisory Services panel for the revitalization of the downtown area including streetscape, plaza design, framework plans, financial overview.

**Dennis Carmichael,**  
**FASLA, LEED AP**  
**Vice President /**  
**Principal**  
**Senior Landscape**  
**Architect / Urban**  
**Designer**

**Education**

Bachelor of Landscape  
architecture, State University  
of New York at Syracuse,  
1976

Bachelor of Science, State  
University of New York at  
Syracuse, 1975  
Studies with Paolo Soleri

**Professional Registrations**

Registered Landscape  
architect: Louisiana, 1979;  
DE, 2006; IL, 1992; KY,  
1991;  
MA, 2003; MD, 1985; NY,  
1994; OH, 1996; PA, 1990;  
TN, 1993; TX, 2009;  
VA, 1986; WV, 2001

**Accreditation**

LEED AP

**Affiliations**

President, Landscape  
architecture Foundation  
(LAF), 2009  
President, American Society  
of Landscape architects  
(ASLA), 2006  
Lambda Alpha, 2005  
Vice President, ASLA, 2000  
Trustee, American Society of  
Landscape architects,  
Potomac Chapter, 1994  
President, American Society  
of Landscape architects,  
Potomac Chapter, 1992  
Urban Land Institute (ULI)

**PROJECT EXPERIENCE****Sports and Exhibition Authority, North Shore Riverfront Park, Pittsburgh, Pennsylvania.**

Principal in charge for completing the planning and design for a 4,000 foot-long park along the north shore of the Allegheny River in downtown Pittsburgh between PNC Park and Heinz Field. The plan includes a broad promenade, a great lawn, fishing pier and the water steps, an interactive fountain.

**Mohegan Tribal Gaming Authority, Mohegan Sun Casino and Resort, Norwich, Connecticut.**

Project designer for providing the Landscape architectural plan and site planning for a \$600 million, 1,500-room, 250,000-square foot expansion of the facility.

**The Celebration Company, Celebration Town Center, Celebration, Florida.**

Principal in charge for leading the design of parks, plazas, and open spaces for a new town development on 5,000 acres, including a town center and residential areas. Services carried across several phases of the project, covering overall streetscape/landscape design for the entire community public realm.

**Walt Disney Imagineering, Disney's Boardwalk, Orlando, Florida.**

Principal in charge for creating a Victorian seaside resort themed environment for an 800-room hotel and vacation destination, complete with a boardwalk, formal gardens and a feature pool based upon an old amusement park.

**Walt Disney Imagineering, Disney's Coronado Springs Resort, Orlando, Florida.**

Principal in charge for creating a village resort based on Mexican art, architecture and landscape for a 2,000-room hotel and convention center. From formal haciendas to rustic ranches, the architecture and landscape reflects the beauty and diversity of Mexico. The feature pool is based upon a Mayan ruin

**Louisville PARC, Muhammad Ali Center, Louisville, Kentucky.**

Principal in charge for providing Landscape architecture services that encompassed an on-structure plaza with themed gardens and collaboration with sculptor Athena Tacha for an amphitheater and two fountains. The Muhammad Ali Center is an international cultural and educational institution that preserves and shares the legacy of Muhammad Ali.

**Georgia World Congress Center Authority, Centennial Olympic Park, Atlanta, Georgia.**

Design principal for leading the design of this 25-acre urban park. The first phase was a key part of the public realm of the Centennial Olympic Games.

**Atlantic Avenue, Virginia Beach, Virginia.**

Project designer for the concept design and quality control review for a series of pocket parks in Virginia Beach associated with a two-mile long road improvement.

**Crimson Partners, Dulles Station, Herndon, Virginia.**

Principal in charge for completing the design for the streetscape, a park, courtyards, and pool areas of this mixed-use urban village, which comprises 1,100 dwelling units, 1.5 million square feet of office space, and 56,000 square feet of retail.

**Cincinnati Park Board, Theodore M. Berry International Friendship Park, Cincinnati, Ohio.**

Principal in charge for designing this 20-acre riverfront park that was conceived to celebrate the city's sister cities around the world. The site was a rail yard and the plan features significant remediation of those areas, preservation of the riparian vegetation, and maintenance of one rail line for a future light rail system that will ultimately connect upriver neighborhoods to downtown Cincinnati.

**Richmond Renaissance, Richmond Renaissance Riverfront Redevelopment, Richmond, Virginia.**

Principal in charge of the riverfront development plan for downtown, which involved coordination with civic leaders, the development of design concept plans, the analysis of market feasibility, and the development of specific recommendations for plan implementation.

**PROJECT EXPERIENCE**

**Jay R. Hood, ASLA**  
**Principal**  
**Director of Landscape**  
**Architecture**

**Education**

Bachelor of Science,  
Landscape Architecture,  
Purdue University, West  
Lafayette, IN, 1987

**Professional Registrations**

Landscape Architect, FL  
LA0001277, 1989  
Landscape Architect, CO  
LA841, 2009

**Affiliations**

American Society of  
Landscape Architects  
Orlando DRC, Board  
Member  
Purdue Advisory Council,  
Board Member  
Florida LEAF Scholarship,  
Board Member

**Professional History**

2009 – Present  
Design + Planning at  
AECOM  
Principal, Director of  
Landscape Architecture

1995 – 2009

Glatting Jackson Kercher  
Anglin, Inc.  
Principal, Director of  
Landscape Architecture

1988 – 1995

Glatting Jackson Kercher  
Anglin, Inc.  
Senior Landscape Architect

1986 – 1987

Glatting Jackson Kercher  
Anglin, Inc.  
Designer (student intern)

**Winter Garden Plant St. Streetscape, Winter Garden, FL**

This streetscape project has transformed this town and Main Street. Mr. Hood served as the Principal Designer. The project features wider sidewalks, an increase of on-street parking, a clock tower, a community plaza with a fountain and pavilion in the median, extensive landscaping and a realigned West Orange Trail. The firm provided master planning, design and project management for the renovation of the historic streetscape.

**Park Avenue Streetscape, Winter Park, FL**

Mr. Hood served as Principal Landscape Architect for the project, in association with Dover Kohl & Partners, and prepared the Park Avenue Master Plan and Phase I construction documents for the City of Winter Park. The plan was designed to "right size" the avenue by narrowing travel lanes and widening sidewalks along the prestigious Park Avenue shopping district. Elements of the plan include landscaping and streetscape, traffic calming, site furnishings and utility upgrades, and the development of design standards to further enhance the charm of this unique urban village. Phase I was completed in 1998.

**Church Street Streetscape, Orlando, FL**

The Church Street Streetscape project is one of the key first steps toward realizing the Orlando Venues Master Plan of redevelopment. Running in front of and to the west of the Orlando Amway Center, this streetscape project will act as a catalyst for the eventual redevelopment of the surrounding land uses; help establish an identity for the burgeoning downtown retail-entertainment core while respecting the heritage, values, and function of the surrounding neighborhoods. For this project, AECOM is a sub-consultant to WBQ Design and Engineering. Mr. Hood served as AECOM Principal-in-Charge. The project includes public involvement and concept to construction phase services. The construction budget for this project is estimated to \$12.5 million. Funding for this project is through a federal grant administered by the Florida Department of Transportation.

**City of Orlando Amway Center Streetscape, Orlando, FL**

Our firm created the Orlando Venues Master Plan which established a blueprint for the redevelopment of Downtown Orlando. In addition to being a catalyst for redevelopment, this project focuses on seamlessly integrating one of the City's newest venues, the Amway Center, into the urban fabric. Currently we are providing the City with design and project management services coordinating the streetscape project with all affected City of Orlando Departments, Orlando Venues projects and Public Works. Mr. Hood serves as the Principal-in-Charge and Senior Designer for the project. One of the projects challenges is creating a "dynamic passage" underneath interstate highway I-4 connecting City-owned parking with the new center. This is achieved through a design utilizing sound, lighting and animated images creating an exciting corridor experience. The streetscape project is estimated to be a \$4 Million capital improvement with completion anticipated in August 2010.

**Winter Park Village, Winter Park, FL**

Along with Dover Kohl and Partners, The Gibbs Planning Group, and Dorsky Hodgson and Partners, the project team actively participated both with the City of Winter Park and the Don M. Casto Organization, to develop the urban design concept and complete the landscape design and construction documentation for the redevelopment of the Winter Park Mall. The derelict 500,000 sq. ft. mall was long overdue for reinvestment. This concept called for an extension of the Winter Park context (streets and architecture) into the mall's property. Once adopted, the redevelopment concept created opportunities for potential tenants and momentum for the Winter Park Village.

**Clematis Street Streetscape, West Palm Beach, FL**

Mr. Hood served as the principal designer to revitalize a one-mile portion of this important commercial street in the heart of the City's historic core. The design features shade trees, decorative lighting and properly sized walkways which will allow for multiple activities including dining, walking, shopping and festivals.

**State Road 5 (Olive Avenue) Palm Beach County, FL (FDOT District 4)**

As a subconsultant to Inwood Consulting, Jay led the design effort for a road diet on Olive Avenue in West Palm Beach, Florida. The plans took a 5-lane roadway and "right-sized" the road to a 2-lane road with auxiliary lanes. The plan also included pedestrian amenities to help build community pride in the surrounding neighborhoods.

**Michael Kerwin, AIA  
Architectural Design****Education**

BA English, Loyola University, 1977  
Bachelor of Architecture, University of Miami, 1984  
Masters in Architecture, Harvard University Graduate School of Design, 1989

**Professional Registration**

Registered Architect, Florida, #12800, 1989

**Affiliations**

American Institute of Architects – Miami Chapter

**Honors**

Architect of the Year – Award by the South Florida Chapter of American Institute of Architects in 1999  
Silver Medal Award – American Institute of Architects, Miami Chapter

**Awards**

USAA Southeast Regional Headquarters, Excellence in Architecture Award, AIA Florida  
Consolidated Rental Car Facility at Fort Lauderdale/Hollywood International Airport, Merit Award of Excellence, AIA Florida

**Professional History**

1987 – Present  
AECOM Architecture  
Principal

Years with other Firms:

2

**PROJECT EXPERIENCE****Truman Waterfront Development, Key West, Florida**

The goal of the project is to make the Truman Waterfront a great community park for the people of Key West, taking advantage of its spectacular setting, its unique historical qualities, providing active and passive recreational uses, and cultural functions, while enhancing the qualities of its adjacent neighborhoods. Suggested park components include, Housing and Assisted Living Facility, Neighborhood Retail, Amphitheater, Meeting/Convention Center, Skills Center, and Recreation Elements.

**Baha Mar Convention Center, Nassau, Bahamas**

A new 180,000 SF convention center located on a beachfront site in central Nassau, the convention center will include a main ballroom capable of seating over 2000 for a variety of functions with a lobby/pre-function area; exhibition/convention space capable of being subdivided to accommodate different size events; a separate wing of meeting rooms; a full service kitchen; administrative support space; loading dock; and storage.

**Island Gardens, Miami, Florida**

A 2.5 million square feet mixed-use development combining a “five star” Shangri-La hotel and a “four star” Westin hotel, 200,000 square feet of upscale retail, dining, entertainment, gardens and a selection of cultural facilities and public art as an intimate village, adjacent to what will be one of the finest built 52 slip mega yacht marinas in the world.

**City of Fort Myers Harborside Center, Fort Myers, Florida**

This 75,000 SF, 2,000-seat multipurpose civic and exhibition center has been a catalyst in revitalizing the city's downtown Central Business District as well as capitalizing on the riverfront area of Ft. Myers. Designed in a Mediterranean style similar to the adjacent buildings, the Center provides space for exhibitions, musical events, the performing arts, and community functions along the bank of the Caloosahatchee River.

**Downtown Dadeland, Miami, Florida**

Carved from existing anonymous strip shopping centers, this new village within the city consists of seven new city blocks in a traditional urban grid. The project features 416 condominium units in buildings up to 7 stories high and 112,000 leasable SF of retail neighborhood-oriented shops and national brands. The 1,000 car parking garage was designed partially below grade, a unique attribute to parking garages built in South Florida.

**City of Miami Watson Island Aviation and Visitors Center, Miami, Florida**

Architectural design for the development of a signature visitor's center for the City of Miami, the design features a heliport, seaplane base, visitor's center, aviation museum and administrative offices. This mixed-use project will replace the existing aviation operations on Watson Island with a 45,000 building and two 25,000 SF hangars.

**Bass Museum of Art, Miami Beach, Florida**

A reconstruction and addition to the historic museum in collaboration with Arata Isozaki & Associates, Tokyo. Totalling 33,175 SF, it includes galleries for both permanent and temporary exhibits, administrative offices, art storage and restoration shop, museum shop and historic restoration of the existing museum. Full A/E/I services including program verification, master planning, interior design and specialty consultants.

**Wuhan Master Plan, Wuhan, China**

An urban design of a large sector within the historical core of the city of Wuhan is characterized by maximum density and maximum openness. Located between the older city center of Wuhan and the Hankou railway station, the sector is unique in being bordered by major north-south boulevards. Neighborhoods are formed by the roads, and are developed with a combination of multi-family housing, retail / office buildings, schools, community centers, and formal, landscaped open spaces.

**David L. Barth, ASLA,  
AICP, CPRP  
Principal**

**Education**

Master of Science in  
Organizational Leadership,  
Palm Beach Atlantic  
University, 2003  
Bachelor of Landscape  
Architecture, University of  
Florida, 1978

**Professional Registration**

Registered Landscape  
Architect, Florida #528, 1979

**Accreditations**

American Institute of  
Certified Planners, #011226,  
1995  
Certified Parks and  
Recreation Professional,  
2002

**Affiliations**

American Society of  
Landscape Architects  
American Planning  
Association  
National/Florida Recreation  
and Parks Associations  
Florida Public Officials  
Design Institute  
South Florida Environmental  
Art Project

**Professional History**

2009 – Present  
Design + Planning at  
AECOM  
Principal-in-Charge of West  
Palm Beach Office

1987 – 2009

Glating Jackson Kercher  
Anglin, Inc.

Principal-in-Charge of West  
Palm Beach Office, 1998-  
2009

1986 – 1987

BJM Associates, Inc.  
Director of Planning and  
Landscape Architecture

**PROJECT EXPERIENCE****Downtown Parks and Recreation Needs Assessment, San Diego, CA**

Principal-in-Charge for the Open Space, Parks and Recreation Needs Assessment for downtown San Diego for the Centre City Development Corporation (CCDC). The City has undergone tremendous growth and redevelopment over the past 10 years, but Parks and Open Spaces have not kept pace with new development. Needs assessment techniques included an analysis of the existing system; evaluation of both existing and projected demographics; interviews and workshops with various stakeholders and focus groups; public workshops; and a mail/telephone survey. Intercept surveys were also conducted with downtown park users, visitors, residents and office workers. The Needs Assessment findings formed the basis of park "development programs" for both existing and proposed parks, as well as for the overall downtown Open Space, Parks and Recreation Master Plan.

**Northeast Everglades Natural Area (NENA) Master Plan, Palm Beach County, FL**

Principal-in-Charge of a long range plan unifying over 45,000 acres of public conservation lands owned and managed by Palm Beach County, the South Florida Water Management District, the Florida Fish and Game Commission, the City of West Palm Beach and other public agencies. The primary purpose of the Plan was to determine the appropriate location(s) for resource-based recreation facilities. Steps in the planning process included a comprehensive inventory and base map; a recreation needs assessment; a long range vision for recreation and environmental education centers, trailheads and trails; and an implementation strategy.

**Pinellas County Culture, Education and Leisure Master Plan, Pinellas County, FL**

Principal-in-Charge and Project Manager for the Culture, Education and Leisure Master Plan for Pinellas County, including parks, trails, conservation areas, beach and water access, boat ramps and cultural/historic sites. The process included a Needs and Priorities Assessment; Development of Alternative Scenarios; Conceptual Culture, Education and Leisure Services System Map; Implementation Program; and Final Plan. Also developed conceptual master plans for five (5) of the County's regional parks.

**Recreation Master Plan, Norfolk, VA**

Principal-in-Charge for the long range City-wide Recreation, Parks and Open Space Master Plan for the City of Norfolk, including an existing system analysis; needs assessment; long range vision; and implementation strategy. The highlight of the project was a three day visioning charrette, involving staff, consultants and community stakeholders, to develop long range visions for nine (9) elements of the system: parks, community centers, therapeutic recreation, athletic fields, bikeways and trails, beach and water access, public art and community character, programs, and operations and maintenance.

**City of Fort Myers Bicycle and Pedestrian Plan, Fort Myers, FL**

Principal-in-Charge for the City of Fort Myers Bicycle and Pedestrian Plan that defines a system of sidewalks, bike lanes, paths, greenways, and trails within the city that can provide integrated and continuous corridor for non-motorized transportation, wildlife and recreation throughout the city. Some of the steps taken to achieve the final plan were: inventory and analysis of existing conditions, data collection, public involvement, needs assessment, and development and design of the bicycle and pedestrian plan.

**Palm Beach County Bikeways, Trails and Greenways Conceptual Master Plan, Palm Beach County, FL**

Project Manager for the Palm Beach County Bikeways, Trails and Greenways Master Plan for Palm Beach County. The project was initiated with a workshop with the County's Bicycle, Pedestrian and Greenways Advisory Board, who have subsequently met several times to review and refine the Plan. An implementation strategy has been developed to identify the top priority corridors; estimate costs; and assign responsibilities for implementation, along with an action plan for top priority initiatives.

**Broward County Greenways Master Plan, Broward County, FL**

Principal-in-Charge for the Broward County Greenways Master Plan, to create a countywide vision for Greenways and Trails by identifying priority corridors for development and determining implementation costs of the overall system. In addition created master plans for the top priority corridors and determined implementation costs for each corridor. The development of the Countywide Master Plan, as well as each of the top priority corridors required extensive public participation, including Broward County elected officials, elected officials from various Broward County municipalities, County and City staff and residents.

**Garren H. Owens, ASLA**  
Associate/Landscape  
Architect

**Education**

Bachelor of Landscape  
Architecture, Louisiana State  
University, 1996

**Professional Registrations**

Licensed Landscape  
Architect, Florida  
#LA6666773

**Affiliations**

Chair of the Miami-  
Dade/Monroe Section of the  
American Society of  
Landscape Architects  
(ASLA), 2008-2009

**Awards + Honors**

ASLA Award of Merit for  
Excellence in the Study of  
Landscape Architecture,  
Louisiana State University,  
1996

**PROJECT EXPERIENCE****Olde Eau Gallie Riverfront Redevelopment Area Master Plan + Riverwalk Design, Melbourne, FL**

Project Designer / Project Manager. Master Planning and Riverwalk design for the downtown area of Eau Gallie, along a portion of the Indian River Lagoon, including preparation of construction documents for a segment of the Riverwalk.

**One Miami Riverwalk, Miami, FL**

Project Designer. Landscape architecture and hardscape design for the riverwalk adjacent to the One Miami waterfront residences in downtown Miami at the mouth of the Miami River.

**Flamingo/Lummas Neighborhood Master Plan, Miami Beach, FL**

Project Designer

CLIENT: City of Miami Beach

Landscape architecture and streetscape design for right-of-way improvements throughout the landmark historically designated "Art Deco" National Register Architectural District.

**Oceanfront Neighborhood Master Plan, Miami Beach, FL**

Project Designer

CLIENT: City of Miami Beach

Landscape architecture and streetscape design for right-of-way improvements throughout the historically designated "Collins Avenue Corridor" National Register Architectural District.

**Miami Beach North Shore Plan, North Miami Beach, FL**

Project Designer

CLIENT: City of Miami Beach

Landscape architecture and beach walk corridor design as part of a dune revitalization plan from 65th Street extending to 79th Street.

**Heritage Park and Parking Garage, Sunny Isles Beach, FL**

Landscape Architect

CLIENT: City of Sunny Isles Beach

Landscape, hardscape and site planning design and construction administration services for a 4 acre urban park and 4-level, 500 space parking garage.

**Plantation Fashion Mall Redevelopment, Plantation, FL**

Project Landscape Designer

CLIENT: US Capital Holdings

Urban design and landscape architecture for the transformation of a 33 acre 'dark' mall into a vibrant, mixed-use development introducing additional retail, office, residential and civic uses.

**The Carillon / Canyon Ranch Spa, Miami Beach, FL**

Project Manager / Designer

CLIENT: WSG Development Corporation

Landscape and hardscape design for the renovation of an historic 'MiMo' hotel, spa and residential complex situated along 900 linear feet of Oceanfront property.

**Ras al-Hadd Resort, Ras al-Hadd, Oman**

Project Landscape Architect

CLIENT: Qatari Diar

An overall master landscape design and implementation strategy as well as a regional green network analysis indicating the interconnectivity of nearby open spaces and national parks.

**Brickell CitiCentre Condominium, Miami, FL**

Project Manager

CLIENT: Brickell CitiCentre, L.L.C.

Landscape architecture and hardscape design of ground and two amenity deck levels surrounding for (3) fifty-story towers, including 2400 residential/loft units, office, retail and dining. Design includes infinity edge pools, regulation length lap pools, roman spas, meditation lawns, private cabanas, private garden rooms, putting green, bocci lawn, outdoor cafés, liquor and juice bars.

Ronald Hunt, PE, LEED  
AP  
Structural Engineering

**Education**

Bachelor of Science,  
Structural Engineering, 1969,  
Louisiana State University

**Professional Registration**

Registered Professional  
Engineer, Florida #19689,  
1973

**Affiliations**

Florida Structural Engineers  
Association  
American Society of Civil  
Engineers  
American Concrete Institute  
American Institute of Steel  
Construction

**Honors**

AIA Miami Chapter 2006  
Consulting Engineer of the  
Year Award

**Professional History**

1974 – Present  
AECOM Building  
Engineering  
Principal

Years with other Firms:  
4

**PROJECT EXPERIENCE****Surfside Community Center, Surfside, Florida**

The Town of Surfside selected AECOM Design to provide comprehensive planning and design services for their new 30,000 SF multi-purpose Civic Center. This new facility will replace a 1950's era building that had become functionally obsolete. The building is registered and is expected to meet LEED NC Silver certification.

**Bass Museum of Art, Miami Beach, Florida**

A reconstruction and addition to the historic museum in collaboration with Arata Isozaki & Associates, Tokyo. Totalling 33,175 SF, it includes galleries for both permanent and temporary exhibits, administrative offices, art storage and restoration shop, museum shop and historic restoration of the existing museum. Full A/E/I services including program verification, master planning, interior design and specialty consultants.

**City of Miami Museum Park Master Plan, Miami, Florida**

Museum Park Miami is a 40-acre multi-function urban park located on the waterfront in downtown Miami. In addition to much needed active and passive recreational activities, the park will include two world class museums: the Miami Museum of Science & Planetarium and the Miami Art Museum. Park components include: recreational areas, public gardens, open green space, fountains and other water related features. Situated in the heart of downtown Miami and facing the world renowned Biscayne Bay, Museum Park will contribute significantly to the ongoing cultural renaissance within the City of Miami. Working under the Park Designer, Cooper Robertson & Partners of New York City, AECOM provided Engineering Services (Civil, Structural, and Mechanical / Electrical / Plumbing) as well as functioning as a local liaison for planning support issues.

**Broward Center for the Performing Arts, Fort Lauderdale, Florida**

This 200,000 SF Broward Center for the Performing Arts includes three halls and full "back of the house" support spaces. A variable acoustic system accommodates a variety of performances in the world-class, three-tier, 2,700-seat main theater hall. A 595-seat small theater is available for both Community Theater and educational uses.

**Miramar Cultural Center, Miramar, Florida**

This final component of the City of Miramar's new Civic Center is designed to complement the existing governmental center, which when combined, will be the anchor of the overall Miramar Town Center. This multi-purpose facility will have an 800-seat theatre and a variety of other community based public assembly spaces.

**City of Fort Myers Harborside Center, Fort Myers, Florida**

This 75,000 SF, 2,000-seat multipurpose civic and exhibition center has been a catalyst in revitalizing the city's downtown Central Business District as well as capitalizing on the riverfront area of Ft. Myers. Designed in a Mediterranean style similar to the adjacent buildings, the Center provides space for exhibitions, musical events, the performing arts, and community functions along the bank of the Caloosahatchee River.

**Emerald Coast Convention Center, Fort Walton Beach, Florida**

A 70,000 SF Okaloosa County Conference and Civic Center, the multi-purpose Community Center is comprised of a 23,000 SF Exhibit Hall, 7,500 SF of meeting rooms and a full production kitchen capable of serving complete banquet style dining to over 1,700 guests.

**Douglas Entrance, Coral Gables, Florida**

A mixed-use complex and parking garage totaling 650,000 SF. The project, designed to complement the original historic structure with similar Mediterranean-style buildings, will ultimately include an urban center with high quality office space, a first class European hotel, residential units, fine shops and restaurants.

**Camana Bay Administrative Office Building, Grand Cayman, Cayman Island, BWI**

A new 4-story, 120,000 SF administrative office building for a mixed-use development consisting of offices, retail, residential and parking structures.

Ovidio Rodriguez, PE,  
LEED AP  
Electrical Engineer

**Education**

Master of Science,  
Construction Management,  
Florida International  
University, 2004  
Bachelor of Science,  
Electrical Engineering,  
University of Havana, 1977

**Professional Registration**

Registered Professional  
Engineer, Florida #55995,  
2000

**Professional History**

2001 – Present  
AECOM Building  
Engineering  
Senior Associate

Years with other Firms:  
25

**PROJECT EXPERIENCE****Camana Bay Development, Grand Cayman, Cayman Islands, BWI**

Multi-phased proposed 400-acre New Urbanist Town Development being developed on Grand Cayman. The general concept contains four linked villages including a resort village, a waterfront village, a residential village and a marina village. Phase 1 of the West Indian Club is a six-block Waterfront Village area that will include a multiple screen cinema, offices, retail shopping, restaurants and cafes, apartments, parking structures and public space.

**89 Nexus Way Office Building, Grand Cayman, Cayman Islands, BWI**

Electrical engineer for this 130,000 SF was designed in accordance with the best sustainable practices; the components include a cistern for collecting rainwater, extensive sun shading devices at the window openings and photovoltaic collectors mounted at the roof. The 2,000 SF of photovoltaics will provide power for a portion of the building lighting system; when that power is not required, it will be supplied back into the grid of Grand Cayman.

**Downtown Dadeland, Miami, Florida**

Carved from existing anonymous strip shopping centers, this new village within the city consists of seven new city blocks in a traditional urban grid. The project features 416 condominium units in buildings up to 7 stories high and 112,000 leasable SF of retail neighborhood-oriented shops and national brands. The 1,000 car parking garage was designed partially below grade, a unique attribute to parking garages built in South Florida.

**Surfside Community Center, Surfside, Florida**

The Town of Surfside selected AECOM to provide comprehensive planning and design services for their new 30,000 SF multi-purpose Civic Center. This new facility will replace a 1950's era building that had become functionally obsolete. The building is registered and is expected to meet LEED NC Silver certification.

**Blue Cross Blue Shield, Corporate Headquarters Expansion, Jacksonville, Florida**

A new 775,000 SF expansion to the Blue Cross Blue Shield Headquarters, the new expansion will include four buildings: three 200,000 SF office buildings and a 175,000 SF multi-purpose building to house a campus conference center and new employee cafeteria. The new expansion will complement the existing 5 building, ±1,000,000 SF complex, also designed by AECOM. The firm provided all basic Architectural, Engineering and Interior Design services inclusive of programming and master planning for this single user office complex.

**Island Gardens, Miami, Florida**

A 2.5 million square feet mixed-use development combining a "five star" Shangri-La hotel and a "four star" Westin hotel, 221,000 square feet of upscale retail, dining, entertainment, gardens and a selection of cultural facilities and public art as an intimate village, adjacent to what will be one of the finest built 52 slip mega yacht marinas in the world.

**City of Sunny Isles Beach Heritage Park and Parking Garage, Sunny Isles Beach, Florida**

Planning and design for a new parking garage which was incorporated into a new 4-acre community park. The 500+ car garage consists of 4-levels of parking and includes functional space for concessions, park support space, and public works at the first level. The park component includes a children's playground, plaza and gazebo.

**Telefonica, Miami, Florida**

The 45,000 SF, Phase I of this project was for Telefonica Data and is located within a two-building 170,000 SF complex. The overall concept of the telecommunications hotel is to lease the technology equipped space and/or the computer server equipment located at the 'hotel' to host individual web sites.

**Bank Atlantic Corporate Headquarters, Ft. Lauderdale, Florida**

The new Corporate Headquarters involved the adaptive reuse of an existing 180,000 square foot industrial office and warehouse building into a class A Corporate Center. The program for the headquarters building included executive offices, customer service, training facilities, conference facilities, check processing, employee cafeteria and warehouse spaces. These departments provided office and work spaces for approximately 575 employees.

Jose Lara, PE, LEED AP  
Mechanical Engineer

**Education**

Bachelor of Science in  
Mechanical Engineering.  
University of Havana, 1995

**Professional Registration**

Registered Professional  
Engineer, Florida #70689,  
2009

**Affiliations**

American Society of Heating,  
Refrigerating and Air-  
Conditioning Engineers  
(ASHRAE)

**Professional History**

2007 – Present  
AECOM Building  
Engineering

Years with other Firms:  
11

**PROJECT EXPERIENCE****Camana Bay Development, Grand Cayman, Cayman Islands, BWI**

Multi-phased proposed 400-acre New Urbanist Town Development being developed on Grand Cayman. The general concept contains four linked villages including a resort village, a waterfront village, a residential village and a marina village. Phase 1 of the West Indian Club is a six-block Waterfront Village area that will include a multiple screen cinema, offices, retail shopping, restaurants and cafes, apartments, parking structures and public space.

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**Camana Bay Administrative Office Building, Grand Cayman, Cayman Island, BWI**

A new 4-story, 120,000 SF administrative office building for a mixed-use development consisting of offices, retail, residential and parking structures.

**Broward County Children's Reading Center & Museum, Davie, Florida**

Mechanical engineer for a 55,000 SF Interactive Children's Museum will have four primary components: a 30,000 SF Museum, 7,000 SF Art Institute, 5,000 SF Auditorium and 13,000 SF Public Library. The primary design goal was to create an art and educational environment geared to children and families. Currently under construction, the project is targeted to achieve a LEED for New Construction Silver Certification. There are several innovative sustainable design strategies such as rainwater harvesting, domestic hot water heating, and high efficiency mechanical and electrical systems.

**Broward County Justice Center, Fort Lauderdale, Florida**

Mechanical engineer for this new 712,000 SF courts building will occupy a 1.55 acre portion of the campus and will be a 20 story high-rise structure providing state of the art courtrooms and office space. The new building includes 355,000 SF of administrative office space for several government agencies including the State Attorney, Clerk of Court and Court Administration, with 74 courtrooms and hearing rooms.

**US Department of Fish and Wildlife/US Geological Survey, New Environmental Research Laboratory, Columbia, Missouri**

Under a US Fish and Wildlife Service Design-Build Multiple Award Task Order Contract (MATOC) with Bluescope Construction, AECOM is designing a new research building at the Columbia Environmental Research Center (CERC) in Columbia, MO. The new laboratory building will be a single story structure with a total area of approximately 22,700 square feet providing a space for conducting research that addresses contaminant issues and the effects of habitat alterations on aquatic and terrestrial ecosystems. Research labs will be designed to accommodate studies including toxicology, environmental chemistry, biochemistry/physiology, ecology, river studies and field station research. The facility will be designed to be LEED Silver certified under LEED 2009 Version 3.0.

PROJECT EXPERIENCE

Chris Corr  
 Senior Vice President  
 Regional Director, US  
 Southeast Regional  
 Chair, Design + Planning  
 Global Director of Real  
 Estate Development

Education

Wharton School, University of Pennsylvania, Executive Development Program, 1996.  
 Harvard Graduate School of Design, Office of Executive Education, Real Estate Investment, 1988 & 1989.  
 University of Florida, Gainesville, Florida, Bachelor of Arts, 1986

Elected and Appointed Government Service

Century Commission for a Sustainable Florida  
*Commissioner, Appointed by Florida House Speaker (2005 – 2007)*

Enterprise Florida, Inc.  
*Board of Directors; Chairman, Legislative Committee; Member, 21st-Century Task Force (2003 – Present)*

Florida Growth Management Study Commission  
*Commissioner, Appointed by Governor Jeb Bush (2000 – 2001)*

Florida Constitution Revision Commission  
*Commissioner, Appointed by House Speaker (1997 – 1998)*

Florida House of Representatives  
*Elected Member, House District 62 (1990 – 1992)*

The St. Joe Company (NYSE:JOE) 1998–2008  
 Executive Vice President and Chief Strategy Officer (2006–2008); Senior Vice President of Strategic Planning (2004–2006); Vice President of Public Affairs (1998–2004)

- Performed lead role in transitioning Florida's largest private landowner from a regional conglomerate focused on the manufacturing of paper to one of the southeast's largest and most successful real estate operating companies and placemakers. Created **enormous shareholder value** transforming company from \$2< million market-cap in 1997 to \$4> billion in 2008 after delivering returns to shareholders of approximately \$2.25 billion in dividends and other distributions.
- Developed and led business strategy to **reposition nearly one million acres of timberland for higher and better uses**. Recruited a world-class management team that rapidly executed the value creation strategy including securing land use entitlements, land restoration and enhancement, infrastructure improvements, amenity development, strategic planning, and parceling and development of multiple residential and commercial real estate projects.
- Responsible for development of more than **50 master planned residential, commercial and industrial projects** and for obtaining governmental approvals of land use entitlements for over 55,000 residential units, and 15.1 million square feet of commercial uses.
- Project leader for public private partnership resulting in the successful relocation of the **Panama City – Bay County International Airport**. Initiated strategy in June 1998. Managed start-to-finish public, political and regulatory process including FAA feasibility analysis, site selection, Environmental Impact Statement (EIS), land use entitlements, public financing and litigation strategy. Managed all aspects of partnership with the Panama City – Bay County Airport and Industrial District. Developed strategy, built political support and obtained public federal, state and local financing package totaling \$340M. Project broke ground in November 2007 and scheduled to open in May 2010. First new international airport built in the United States in 15 years.
- Developed the vision, strategy and successfully led the public approval process for the **largest land use plan in the history of the State of Florida**: The WestBay Sector Plan. Totaling 75,000 acres the WestBay Sector was designed in a public process with the objective of planning and managing land uses for 14 square miles surrounding the new Panama City – Bay County International Airport. Plan includes industrial, commercial and residential uses; and, transportation system, ecosystem management policies and public facilities. Endorsed by numerous federal, state and local governmental and non-governmental organizations. Won acclaim of Council for Sustainable Florida and Urban Land Institute.
- Negotiated and led numerous **public-private initiatives** including:
  - Relocation of a 3.75-mile US Highway: *permitted, constructed and operational*
  - Brownfield and Redevelopment Program for 125-acre paper mill: *certified and PUD entitled*
  - Gulf Coast Parkway: *45-mile new highway*
  - St. James Island Vision: *plan and development policies for 23,000 acre Florida island*
  - Sacred Heart Hospital on the Emerald Coast: *58-bed new hospital*
  - Sacred Heart Hospital Port St. Joe: *25-bed new hospital*
  - Pier Park: *200-acre beachfront retail and hospitality village partnership with City of Panama City Beach*
  - Florida Department of Transportation Regional Right of Way Agreement: *developed first of its kind landmark agreement with Florida Department of Transportation establishing eight county regional transportation plan for more than 300 miles of new roadways and roadway improvements*
  - Draper Area Plan: *10,000-acre city-county plan entitled by innovative affordable housing density bonus legislation*

The Walt Disney Company, Walt Disney Imagineering, 1992 – 1998 Senior Manager of Community Development

Played integral project management role in all aspects of the planning and **development of the town of Celebration, Florida**. Inspired by Walt Disney's vision of an "Experimental Prototype Community of Tomorrow (EPCOT)," the Celebration management team's groundbreaking approach to community planning, architecture, technology, health and education systems inspired new community development throughout the United States and redirected the industry to focus on placemaking and community values. Celebration has received numerous awards including the Urban Land Institute's Award for Excellence in 2001 recognizing it as the new community of the year in the United States and Canada.

Samara A. Barend  
**Vice President, Strategic Development Director for Public-Private Partnerships, North America**

**Education**  
**Harvard University**, John F. Kennedy School of Government  
 Masters in Public Policy  
 Shorenstein Fellow

**University of Pennsylvania**  
 Major: Public Policy and Management, GPA: 3.75, Magna Cum Laude

**Williams College**  
 Sagner Journalism Fellowship, summer 1999

**Honors**  
 USA Today All American, 1999  
 Recognized in U.S. Congressional Record, 2000  
 NYS Delegate Presidential Service Summit, 2000  
 Fellow, International Achievement Summit, 2005

**PROJECT EXPERIENCE**

**New York Commission on State Asset Maximization (SAM)  
 2008- 2010**

**Executive Director**

The SAM Commission, created from a gubernatorial Executive Order in 2008, was charged with broadly examining whether asset maximization can benefit New York State, as well as whether any specific New York State assets are suitable candidates for public-private partnerships.

- Oversaw Commission, comprised of elected officials, along with leaders from private sector, academia, and labor.
- Responsible for drafting the Commission’s preliminary and final reports, directed and steered all Board meetings, organized 6 public hearings around the State, developed and managed request for participation process with the private sector, cultivated tremendous stakeholder support among private sector, labor unions, legislative leaders, environmental groups, business, and the construction industry.
- Identified 26 specific public-private opportunities (Energy, Real estate, Transportation, Information Technology, and Social Infrastructure) ,along with a process for sustaining asset maximization through the creation of a new Board to facilitate, screen, and oversee all public-private partnerships in the State.

**STV Incorporated**

**Vice President, Government Affairs Director**

STV is a nationally recognized engineering/architectural firm with nearly 2,000 employees.

- Reported directly to the CEO and kept executive management team informed of potential industry impacts.
- Created a national Government Affairs division that works in conjunction with the firm’s thirty offices and three operational groups (Construction Management, Transportation, and Building and Facilities).
- Oversaw the company’s legislative and policy efforts at the local, state, and federal levels, among all 30 offices.
- Worked with elected officials, agency heads, and other leaders to shape national infrastructure policy.
- Monitored and interpreted federal and state legislation, appropriations and authorizations, and proposed or existing federal and state regulations.
- Served as representative on key industry associations and was responsible for overseeing, and often leading, industry wide policy initiatives.
- Cultivated strong relationships with senior executives at other engineering and construction firms throughout the country.
- Reinvigorated previously dormant STV PAC, a company wide political action committee, which enabled STV to contribute thousands at the federal and state levels.
- Independently identified strategic teaming opportunities with other firms on projects, resulting in at least \$8 million in fees.

**Interstate 86 Campaign**

**Initiator & Leader**

- Spearheaded a grass roots movement across ten upstate New York counties, resulting in the conversion of NY Route 17 into Interstate 86.
- Developed an extensive proposal which Senator Daniel P. Moynihan used as the basis of S.958, “The Redesignation of Route 17 as Interstate 86 Act.”
- I-86 has created thousands of new jobs and is generating \$3.2 billion in economic development for upstate New York’s Southern Tier region.
- Over \$800 million in funding has been obtained through federal and state sources for the conversion of this highway to an interstate.

**World Economic Forum**

**Expert Committee for Investing in Infrastructure Project**

- Group of 25 senior individuals in the infrastructure space across the globe representing private investors, national and multinational development agencies, policy makers, operators, advisers and end-users.
- The group is assisting with the production of a report concerning the role of private finance in the addressing infrastructure needs globally.

**Jonathan Mugmon  
Senior Associate,  
Wayfinding****Education**

Master of Fine Arts, Graphic Design, East Carolina University, Greenville, NC, 1997

Bachelor of Fine Arts, Graphic Design, University of Central Florida, Orlando, FL, 1995

**Professional Registrations**

SEGD Society of Environmental Graphic Design

AIGA American Institute of Graphic Artists  
ESRI GIS Certification

**Publications + Technical Papers**

Society of Environmental Graphic Design Conference, 2010

National Parks & Recreation Association National Conference, 2009

ASLA – Florida State Conference, 2006

Arabian Business Magazine, May 2008

National Scenic Byway Conference, 2007

**Professional History**

2009 – Present

Design + Planning at AECOM

Director of Wayfinding/Environmental Graphics

1998 – 2009

Glattling Jackson Kercher Anglin, Inc.

Director of Wayfinding/Environmental Graphics

1997 – 1998

School of Art, University of Central Florida  
Associate Professor

**PROJECT EXPERIENCE****City of Bradenton – Wayfinding, Bradenton, FL**

Mr. Mugmon served as Project Manager and Senior Designer for the coastal community wayfinding project. As the municipal seat of Manatee County and a historic coastal community with a vibrant downtown, Bradenton has many visitors daily. In an effort to educate visitors to stay and enjoy the amenities of this wonderful city a wayfinding system was designed to guide pedestrians and vehicles to many top destinations. Mr. Mugmon managed coordination with the FDOT and FHWA and gained approvals for implementation for design and fabrication of this vital sign program which aides visitors navigate the community.

**Downtown Orlando – Wayfinding, Orlando, FL**

Mr. Mugmon served as Project Manager and Senior Designer on the Orlando Wayfinding Project. Downtown Orlando is undergoing major redevelopment with a number of residential, commercial and event venues planned. With the tremendous amount of developments planned and the growth of downtown residents and workers, the volume of traffic will soon create overwhelming wayfinding challenges for Downtown Orlando. AECOM designed a functional, creative and flexible system of signage to provide clear access to Downtown Orlando's many destinations. In the last year the city underwent a comprehensive study with the goal of analyzing these wayfinding challenges and proposing a cohesive and implementable solution that will respond to the downtown's growth. The designs on this page represent some of the results of the study and recommendations for a complete wayfinding system for Downtown Orlando.

**University of Central Florida Wayfinding, Orlando, FL**

Senior Designer and Project Manager to design a wayfinding master plan in an effort to help enhance the visual campus branding and sense of place. Additionally, the wayfinding system shall aide visitors in finding their desired destination on campus. The university has many visitors in attendance every day. The introduction of a clear and legible wayfinding system has increased the comfort level of the visitor through the use of appropriate and well-placed signage, providing the reassurance that they are heading in the correct direction. The project included gateway, digital kiosk, vehicular and pedestrian directional signs. UCF is the largest school in Florida. As of 2009 enrollment consisted of 60,000 Students making it the third largest in the United States.

**Florida Southern College – Wayfinding, Lakeland, FL**

Mr. Mugmon worked as Environmental Graphic Designer and Wayfinding Planner for Florida Southern College. This National Historic Register and Frank Lloyd Wright designed campus design process focused on placemaking enhancements to this downtown college campus. As part of this process AECOM assessed all pedestrian and vehicular circulation at Florida Southern College. A plan was developed, which provides ease of access and navigation, while being specifically sensitive to tourists, visitors and those with disabilities.

**Orange County Convention Center – Wayfinding, Orange County, FL**

As Senior Designer and Project Manager, Mr. Mugmon worked to design a wayfinding master plan in an effort to help visitors find their desired destination. Orange County Convention Center (OCCC) is the second largest convention center in the United States attracting millions of visitors annually. As the destinations are separated into several buildings on a large campus wayfinding success is imperative. Vehicular directional wayfinding signs must convey clear and effective information at the right time to be effective. A proven way to clearly communicate information to a variety of culturally diverse users is through the use of color, icon graphics and text. By combining all of these elements the OCCC can create consistency in message and display. From the entry access nodes when a visitor approaches the convention center district the signs establish a user expectation. The user sees the right message presented at the right time. This type of clear communication creates a level of comfort for visitors who typically are not sure of where to go. The system designed includes several citrus themed digital message gateways which display the convention events, vehicular, parking and pedestrian directional signs.

**Pedro St. James National Historic Campus – Wayfinding, Grand Cayman, British West Indies**

Serving as Project Manager and Senior Designer Mr. Mugmon provided research and design services for this national historic site located in Grand Cayman, British West Indies. Pedro St. James is the site of several historic events on Grand Cayman including announcement of emancipation of slavery and independence from British rule. AECOM created a gateway, vehicular and pedestrian directional signs for visitors to better navigate and access the facility and gardens. As part of the project we created over twenty interpretive signs educating the visitors of the rich history of the buildings, site, and the rich cultural history of the native Caymanian people. We performed detailed research for the Pedro St James educational display. This research included coordination with the National Archives and Historical Libraries of Grand Cayman, Cuba, Jamaica, and Great Britain. These efforts procured the appropriate graphic images to convey the concepts for each sign.

**Paul Moore**  
**Transportation Planner****Education**

Bachelor of Civil  
Engineering, Georgia  
Institute of Technology, 1989

**Professional Registrations**

FLPE53393 ,SC PE 27909,  
GAPE021389 (1994)

**Affiliations**

Urban Land Institute  
(Executive Committee, ULI-  
Atlanta), CNU

**Presentations**

Presentations, classes and  
seminars for Georgia  
Institute of Technology, ITE,  
Urban Age, Congress for the  
New Urbanism, Georgia  
Planning Association, Texas  
Christian University, Toronto  
Strategy Institute and Urban  
Open Space Leadership  
Institute

**Professional History**

2005 – Present -  
AECOM/Glatting Jackson  
Kercher Anglin, Inc.  
Principal

2000 – 2005 - Jordan, Jones  
& Goulding – Planning  
Director

1998 – 2000 - HDR, Inc.-  
Senior Project Manager

1997 – 1998 - Moreland  
Altabelli – Traffic Services  
Manager

1995 – 1997 - Gray-  
Moskaluk & Associates-  
Senior Transportation  
Engineer

**PROJECT EXPERIENCE****Connect Atlanta Plan, Atlanta, GA**

Project Manager for Atlanta's first-ever transportation plan. Led a team analyzing the City's transportation conditions, assessing needs, developing recommendations for new investment, and prioritization of projects for implementation. This work represents a community-driven vision for the future of the transportation system.

**Davenport In Motion, Davenport, IA**

Transportation lead for street design and bike/ped elements of this citywide plan. Recommendations include the conversion streets from one-way to two-way and lane reductions to promote walkability.

**Transportation Master Plan, Omaha, NE**

Project manager for citywide plan focused on fiscal, social and environmental sustainability. Recommendations included new streets, bike facilities, operational changes and new policies.

**State Center Redevelopment, Baltimore, MD**

Transportation planner for major urban redesign and transit oriented development. Public/private partnership consists of over 4 million square feet of redevelopment located between two rail transit lines.

**Atlanta Beltline, Atlanta, GA**

Transportation lead for planning, development, and permitting of sections of this 22 mile tract of former freight rail lines that is to be converted to transit, trails and development.

**Downtown Parking and Transit Study, Erie, PA**

Led a study to identify the supply, management and pricing of parking and its relationship to current and potential transit service in the downtown area.

**Wyandanch Station Redevelopment, Babylon, NY**

Transportation Lead for development of a walkable district around Long Island Railroad station. Included conversion of a street from 4 to 3 lanes and provision of crosswalks for smaller, walkable blocks.

**Envision Gulf Shores Redevelopment Study, Gulf Shores, AL**

Project planner for this process of rebuilding a city devastated by hurricanes in 2004. New infrastructure and development that replaced what was destroyed was to be supportive of the residents' vision of their community as a place that locals could live.

**Downtown Community Redevelopment Study, Bradenton, FL**

Transportation Lead for this plan of a waterfront community. The study identified key policies and investments that had historically been damaging rather than contributing to the community. Among the elements in the plan is the taming of a large state route.

**Tampa Heights Development Study, Tampa, FL**

Transportation Planner for this mixed-use development along the riverfront in Tampa.

**I-10/I-110 Interchange Study**

Project Manager of a system to system interchange reconstruction in Pensacola, FL. The work effort involved close coordination with FDOT, FHWA and the City of Pensacola.

**Context Sensitive Design Manual, Savannah, GA**

Project Manager for the CSD Manual which provides a framework to guide future roadway design and corridor development in Savannah, GA. The Manual provides one implementation tool by which the MPC can help to assure that transportation investments are supportive of this vision and land use plan.

**McDuffie Nichols**  
**Vice President****Education**

B.A., Political  
Science/History, University of  
Alabama, 1975  
M.B.A. course work in  
Economics, Finance,  
Statistics, Accounting, 1976

**Affiliations**

Member, Urban Land  
Institute (ULI)  
Member, International  
Downtown Association (IDA)  
Member, International  
Economic Development  
Council (IEDC)  
Member, International  
Council of Shopping Centers  
(ICSC)  
Board Member, Responsible  
Hospitality Institute/ Sociable  
City Network (RHI)  
Member, National Main  
Street Network  
Member, National Trust for  
Historic Preservation  
Former Member, Maryland  
Governor's Smart Growth  
Steering Committee

**Publications**

*Marketing an Image for Main  
Street*, Co-author, National  
Trust for Historic  
Preservation Main Street  
Center, 1994

**Presentations**

Nighttime Economic Impacts,  
Responsible Hospitality  
Institute, Austin, TX 2009

**Professional History**

2005 – Present  
Economics at AECOM  
(former ERA) Vice  
President/Principal

2003 – 2005

National Trust for Historic  
Preservation, Director,  
Preservation Development  
Initiatives

1985 – 2005

National Main Street Center,  
National Trust for Historic  
Preservation Senior Program  
Manager, Technical Services

**PROJECT EXPERIENCE****Representative Downtown and Urban Mixed-Use Development/Redevelopment Experience****East Calhoun Street Redevelopment Master Plan, Charleston, SC**

For the City of Charleston, as part of a multi-discipline team, reviewed market conditions and identified and measured fundamental sources of current and future demand for residential, workplace, commercial, and lodging uses for East Calhoun Street and the East Cooper River waterfront. Reviewed historic, current and projected growth in population and households, age composition, labor force, employment by sector and occupational category, household incomes, and other measures of economic growth.

**Alexandria Waterfront Development Master Plan, Alexandria, Virginia**

For the City of Alexandria, prepared economic analyses to evaluate redevelopment opportunities along the waterfront in historic Alexandria, Virginia. Conducted an analysis of existing market conditions for multiple uses, assisted in the conceptual and alternative planning and design principles process and created revenue generating strategies for the waterfront's public spaces.

**Retail Plan, Santa Fe, NM**

For HBC Land, assessed the retail market demand in Santa Fe and related it to the retail potential of the client's development parcel in downtown Santa Fe. In the market and demand analysis, evaluated the existing and potential spending patterns of both the tourist and residential markets. Developed a tenancing strategy that outlined a merchandising mix plan, including store examples as well as ideal proportions of retail categories and sizes of various uses. Also recommended a retail recruitment strategy to provide the most effective method to fulfill the merchandise mix plan, and thereby realize maximum retail potential.

**Retail Action Strategy, Washington, DC**

For the DC Economic Partnership and the DC Office of Planning, conducted a two-year long study of retail in the District of Columbia and to create a Retail Action Strategy (RAS). The study included twenty commercial districts across DC. The RAS is the first city-wide retail analysis and strategy completed in the United States, and was structured as a methodology for future application in other DC retailing areas. Analyzed data on historic retail patterns, current and projected demographic conditions and the competitive context and projected trends affecting future retail development potential. Involved assessment of existing retailing zones and operators, and recommendations were made by subdistrict suggesting policy and financial incentives and actions.

**Evervail Merchandising Strategy, Vail, CO**

For Vail Resorts Development Company, provided a retail, restaurant and entertainment market study and tenancing strategy for Evervail, the last developable parcel of resort land at Vail. The project entailed a thorough analysis of various customer markets including their spending potential and patterns, a detailed Merchandise Mix Plan with named independent and national operators across the country, and critical retail design recommendations.

**Virginia Key Master Plan, Miami, FL**

For the City of Miami, analyzed an assessment of existing recreational and entertainment attractions, such as Seaquarium, a marine sports stadium, marinas, and recreational beaches. Also calculated demand for residential, retail and entertainment development and, with a sub-consultant, presented an estimate of marina slip demand.

**Channelside Master Planning, Tampa, Florida**

Gibraltar Development Corporation engaged AECOM in a master planning effort related to their waterfront asset in the Channelside neighborhood of Tampa. Tested a mixed-use concept plan by conducting thorough economic, demographic and real estate trend research, including analysis of comparable new projects in Channelside.

**Strategic Business Plan, St. Augustine, FL**

Strategic planning for 32 state-owned University of Florida-owned historic properties in historic St. Augustine (Florida). Examined the formation of a management partnership between the University of Florida and the city. Prepared detailed market analyses, developed pricing strategies and financial models, and recommended highest and best uses that support the sustainability of the historic sites.



# SANDRA WALTERS

## President

### ACADEMIC BACKGROUND

Masters Degree in Marine Studies, University of Miami, Florida, 1983  
Bachelor of Science in Animal Behavior and Marine Biology, University of California, Davis, CA, 1974

### SPECIALIZED PROFESSIONAL COMPETENCE

Ms. Walters has 30 years of professional experience in Florida. She is qualified as an Expert Witness in Florida administrative hearings and court proceedings; has conducted and supervised environmental studies, and developed avoidance and mitigation plans, in all South Florida submerged and upland habitats; has successfully permitted projects ranging from single family homes to developments of regional impact, working with all regulatory agencies; has extensive experience in design and implementation of public participation programs and review and development of comprehensive plans; and has represented clients successfully with many agencies and government boards. She is presently serving as chair of the South Florida Regional Planning Council, appointed by governors Bush and Crist; serves on EPA's Water Quality Steering Committee for the Florida Keys; and served from 2000 to 2004 as a Governor's appointee on Florida's Acquisition and Restoration Council, which supervises purchase and management of State conservation lands.

### REPRESENTATIVE PROFESSIONAL EXPERIENCE

#### Principal, Sandra Walters Consultants, Inc., 1996-present Key West and Miami, FL

Provide consulting services to both public and private sector clients in areas of ecological/environmental and land use planning and permitting, including habitat evaluation, mitigation and contamination assessment and remediation; public involvement and outreach; and community and government liaison.

#### ENVIRONMENTAL STUDIES • PERMITTING • MITIGATION • MONITORING SERVICES

- **Mallory Dock Maintenance Dredge, City of Key West**  
Principal in charge for successful acquisition of all permit modifications to add Mallory Dock to scope of Navy Key West Harbor dredging project, including collection of all data on submerged habitats required by agencies, coordination with dredging company and environmental monitoring contractor, acquisition of EPA approval for use of offshore disposal site, provision of Quality Assurance services onboard the dredging vessel, and preparation of all final reports to Navy and permitting agencies. Represented City in Navy agency partnership process for harbor dredge and other environmental issues.
- **City of Key West Stormwater System**  
Consultant in charge of bringing City into compliance with ERP requirements for already-completed and future maintenance work of stormwater system, including developing impact assessment and mitigation plan that incorporates 5.6 acres of wetland restoration and enhancement at former Hawk Missile site in eastern Salt Ponds and creation of connection between Riviera Canal and western Salt Ponds to enhance 131 acres of wetlands and cause significant water-quality improvements.
- **Key West Mooring Field Seagrass Monitoring Project**  
Conducted seagrass monitoring project at Key West Mooring Field that investigates potential shading impacts from boats, including project design, photographic documentation of stations over time, collection of seagrass density and shoot count data, and report preparation including data analysis and final summary report with recommendations.
- **S. Roosevelt Seawall Repair Seagrass Monitoring, Key West**  
Supervised assessment and documentation of seagrasses in vicinity of seawall undergoing repairs, including field data collection and photography, update of CAD files delineating seagrass line, measurement of seagrass impacts in project area for mitigation purposes, and report preparation.
- **Smathers Beach Seagrass Mitigation Monitoring, Key West**  
Member of team that conducted field monitoring of seagrass mitigation project for City of Key West. Roles included field personnel establishing monitoring sites, collecting required data, supervising surveyor, assisting with preparation of monitoring reports, and providing local liaison with City and base of operation for work.



- **Submerged Habitat Study and Sediment Analysis, Key West Harbor and Vicinity**  
Worked with scientists from Florida International University to conduct survey of submerged habitats in and around Key West Harbor. Divers collected field data from 50, randomly selected sites. This data was then collated into maps showing general distribution of habitats in area, and underwater photographs were organized and printed. Data was compared with that collected at other sites throughout Florida Keys, to assess habitat quality in relation to shipping activities in Harbor. Supervise collection of sediment samples in and near harbor following approved DEP protocol, transmit to State certified laboratory for testing for petroleum contamination and RCRA metals, prepare report summarizing findings.
- **City of Key West Navy Base Reuse Plan**  
Member of team that evaluated surplus Navy properties in Key West, and developed plan for reuse which addresses local needs and concerns. Primary role—planning and environmental assessments, including SCUBA examination of Mole Pier at Truman Waterfront.
- **Electric Transmission Line Environmental Compliance Monitoring, Florida Keys**  
Conducted environmental compliance monitoring of installation of new electric tie-line poles between Big Coppitt Key and Key Haven in wetland and submerged habitats, including confirmation of pre-construction conditions, onsite inspections to assure impacts do not exceed limits established in environmental permits, and long-term monitoring to document post-construction recovery.
- **Jewfish Creek Bridge/US Highway 1 Project, Northern Florida Keys**  
Member of design-build team in charge of environmental compliance for final design and construction of 65-foot-high bridge over Jewfish Creek and new roadway from North Key Largo to just south of Dade County line, including training of onsite personnel regarding avoidance of listed species; coordination with agencies for permit modifications; assessment of preconstruction environmental conditions; and continuous work with project engineer and contractor to assure all environmental permit conditions are met during four-year project.
- **Environmental Impact Study, Ft. Lauderdale Airport Runway Extension**  
Principal in charge of fulfillment of all NEPA requirements including T&E species impact assessment and wetland delineation, coordination with environmental regulatory agencies, and preparation and processing of environmental permit applications for final, selected alternative. Acquired concurrence from all resource agencies on jurisdictional lines and UMAM scores for all wetlands affected by one or more project alternatives, prepared administrative draft and Draft Environmental Impact Statement, participated in DEIS public hearing, prepared EFH and Biological assessments for National Marine Fisheries Service and U.S. Fish & Wildlife Service, prepared responses to all ecological questions for DEIS and FEIS; assisted with preparation of Final EIS.
- **SR-710 PD&E Study, District 4 FDOT**  
Part of consultant team in charge of planning, design and environmental study of 27-mile corridor of B-Line Expressway through Palm Beach and Martin counties. Responsible for wetlands and threatened and endangered species field data collection, assessment of contamination potential in vicinity, and documentation of land use patterns along corridor regarding potential for secondary and cumulative impacts.
- **Stormwater Filter Marsh, City of Naples, Collier County**  
Principal in charge of wetland jurisdictional determination, habitat evaluation, and threatened and endangered (T&E) species survey; development of impact assessment and mitigation plan, as needed; and general assistance with preparing and processing environmental resource permit (ERP) applications with DEP and US Army Corps of Engineers (USACE) for creation of filter marsh to provide treatment to stormwater presently being pumped untreated into Naples Bay.
- **Port Everglades Master Plan Update, Broward County**  
Principal in charge of all natural systems data collection and analysis and permitting assessments for five-year master plan update.
- **General Environmental Consultant for Florida Keys Overseas Heritage Trail**  
In contract with DEP, provide environmental planning services for entire 130-mile linear park throughout Florida Keys, including NEPA review and documentation for permitting of segments and bridge crossings.
- **Residential Redevelopment Project in Marathon, Florida Keys**  
Serving as project manager for all aspects of environmental planning and ERPs for 92-unit redevelopment project in Marathon called Marlin Bay Yacht Club, including supervision of all field data collection and preparation of benthic assessments and avoidance and minimization plans, supervision of ERP application



# KEN HUNTINGTON

## Senior Project Manager

### Academic Background

Master of Science, Fisheries Biology, Virginia Polytechnic Institute & State University, 1981  
Bachelor of Science, Wildlife Biology, SUNY College of Environmental Science & Forestry, 1975

### Specialized Professional Competence

Mr. Huntington has over 31 years of experience in the field of environmental permitting. He has worked in the Federal Dredge & Fill permitting program with the U.S. Army Corps of Engineers, the Environmental Resources Permitting Program with the Florida Department of Environmental Protection (FDEP), and more recently as an environmental consultant specializing in the field of wetlands permitting. He has also worked for the U.S. Fish & Wildlife Service in the National Wetlands Inventory Program identifying wetlands throughout the United States. His area of expertise includes freshwater and estuarine ecology, wetland delineation and wetland mitigation. He has been involved in essential fish habitat studies, Endangered Species Consultations involving threatened and endangered species evaluations for both the U.S. Fish & Wildlife Service and the Florida Fish & Wildlife Conservation Commission, and coordination with the Central & Southern Everglades Restoration Project (CERP). He has provided construction oversight for construction projects in Biscayne Bay as well as for development projects in Miami-Dade County. He was also responsible for reviewing and commenting on Environmental Impact Studies under NEPA guidelines for projects involving both Federal Dredge & Fill Permits as well as State Wetlands Permits. He has participated in several major lake and wetland restoration projects in many parts of Florida. He was responsible for organizing and maintaining the Withlacoochee River Ecosystem Management Initiative in west central Florida involving seeking cooperative solutions to environmental issues through involvement of governmental organizations, environmental agencies and the general public. While with FDEP, he served as the state Team Permitting Coordinator and successively guided several complex projects through Federal, State and Local permitting processes. He has served as a member of Regional Planning Councils and has represented the FDEP as an expert witness in wetlands permitting issues.

### Recent Relevant Project Experience

- **Port of Miami Tunnel (Miami-Dade County)**  
Served as member of engineering team to obtain all federal, State and local environmental regulatory permits for Port of Miami Tunnel Project to construct a tunnel beneath Government Cut to Port of Miami; permitting also involved coordination with National Marine Fisheries Service and U.S. Fish & Wildlife Service; also involved in construction compliance for on-going construction activities.
- **Florida Power & Light Company (Miami-Dade County)**  
Conducted alternative routing analysis for project design; coordinated with all environmental regulatory and commenting agencies to obtain permits for sub-aqueous electrical transmission line across Biscayne Bay using horizontal directional drilling; coordinated construction compliance and monitoring to maintain compliance with all issued permits; obtained additional environmental permits for 7-acre seagrass restoration project in Biscayne Bay to provide mitigation for FPL Transmission Line Projects; also involved in implementation of seagrass restoration plan.
- **Team Permitting Manager/FDEP (Statewide)**  
Coordinated permitting of complex projects throughout Florida using the State Sponsored Team Permitting process, for projects including natural gas pipelines, phosphate mining, airports, and landfills.
- **8 Mile Ranch Mitigation Bank**  
Design of 1200 acre mitigation bank in Osceola County involving the restoration of a ranch to hydric pine, cypress and wet prairie wetlands; currently involved in associated mitigation bank permitting processes.

### Professional Positions

#### Senior Project Manager, SWC, 2010-present; Monroe, Dade, Broward and Lee County offices, FL

Mr. Huntington provides project management and technical services with particular focus on wetland jurisdictional determinations, biological data collection, evaluation of wetland and submerged habitats utilizing Florida's Uniform Mitigation Assessment Method (UMAM), design of mitigation plans for unavoidable impacts, and preparation and processing of environmental resource permits with State and federal agencies.

- **Wetland Mapping for Central Wastewater Project, Florida Keys Aqueduct Authority, Monroe County, FL**  
Wetland jurisdictional determinations and data collection to assist design engineer in wetland avoidance and minimization for new central wastewater system in Lower Florida Keys.



### **Vice President, RS Environmental Consulting, Inc., 2007-present; Miami, FL**

Responsible for project management for environmental permitting related work including wetland delineation, biological surveys, environmental documents, preparation of federal, State and local permit applications, applications for Development of Regional Impacts (DRI), wetland mitigation design and implementation, wetland functional analysis, essential fish habitat studies, and federal and state endangered species assessments. His primary responsibility includes projects located in Miami-Dade County, covering both freshwater and estuarine habitats. Major clients include Florida Power & Light and the Florida Department of Transportation. He has worked on environmental permitting tasks associated with construction of Port of Miami Tunnel Project. He has also been responsible for construction oversight and compliance for the installation of the FPL Transmission Lines across Biscayne Bay and has been lead manager for design and permitting of wetlands mitigation banking project in Osceola County.

### **Associate, Consulting Engineering & Science, Inc., 2005-2007; Miami, FL**

Responsible for project management for environmental permitting related work including wetland delineation, biological surveys, environmental documents, preparation of federal, state and local permit applications, wetland mitigation design and implementation, wetland functional analysis, essential fish habitat studies, and endangered species assessments. He was responsible for projects in Miami-Dade County Broward County and the Florida Keys. Major clients include the Florida Department of Transportation and Florida Power & Light.

### **Project Manager, U.S. Army Corps of Engineers, 2001-2004; West Palm Beach, FL**

Responsible for evaluation of Department of Army Dredge & Fill permit applications pursuant to Clean Water Act (wetlands) and Rivers and Harbor Act (navigation) in southeastern Florida. His duties included identification of wetlands according to the 1987 Wetland Delineation Manual and evaluation of mitigation utilizing Wetland rapid Assessment Procedures (WRAP) and the Unified Mitigation Assessment Methodology (UMAM). As project manager, he was responsible for conducting reviews in compliance with Endangered Species Act. He was responsible for establishment intergovernmental contacts and relationships with other federal, State, and local regulatory agencies to facilitate effective evaluation of complex permit applications involving controversial projects with potential impacts to environmentally sensitive areas. He served as Acting Team Leader for Coastal Projects in South District for over a year, assisting in assignment of District Office's workload and implementation of Corps policies and procedures to improve office efficiency. He was also responsible for reviewing and commenting on Environmental Impact Studies for projects involving environmental resource permits. He has experience with electrical transmission lines, road and bridge projects, residential development, commercial development, natural gas pipelines, major channel dredging, beach renourishment, landfills, mining, major port facilities, complex restoration projects, and marina construction

### **Environmental Manager/Supervisor, Florida Dept. of Environmental Protection, 1986-2001; Tampa, FL**

Served as manager of the Watershed Management Section for the Southwest District. As manager of the Team Permitting Process, he successively guided complex projects through federal, State and local permitting processes including natural gas pipelines, landfills, airports and phosphate mining. He provided oversight for wetland restoration activities, water advisory projects, and review of Developments of Regional Impact (DRI's). He served as District representative on the Tampa Bay Regional Planning Council, the Withlacoochee River Regional Planning Council and Agency on Bay Management for Tampa Bay. He was on technical advisory panel for restoration of Lake Panasoffke and Lake Hancock in central Florida. He was responsible for creating and guiding Withlacoochee River Ecosystem Management Program and was District's Pollution Prevention Coordinator for two years. He managed the Environmental Resources Permitting section for a sixteen county area in southwest Florida. He was responsible for development of the permitting program budget and participated in rules/policy development and implementation. He provided review of all wetlands permit documents for recommendation to District Administrator to ensure compliance with all appropriate Florida Statutes and Rules. He coordinated with other governmental agencies to facilitate multi-agency reviews and met with private consultants, applicants and other governmental agencies to resolve complex permitting issues. He served as an expert witness for DEP in hearings.

### **Assistant Regional Wetlands Coordinator, U.S. Fish & Wildlife Service, 1980-1986; Denver, CO**

Responsible for production of National Wetlands Inventory (NWI) maps identifying wetlands throughout the Rocky Mountains and Northern Plains states. He provided technical expertise and training in mapping techniques, ground-truthing, aquatic plant identification, and use of NWI products.





# MICHELLE (SHELLI) BRAYNARD

## Senior Project Manager

### Academic Background

Master of Science, Biology (Marine Ecology), Old Dominion University, Norfolk Virginia, 2003

Associate of Applied Science (Medical Technology), Thomas Nelson Community College, Hampton, Virginia, 1997

Bachelor of Arts (Anthropology), University of Illinois, Champaign-Urbana, Illinois, 1992

### Specialized Professional Competence

Ms. Braynard is an accomplished and knowledgeable researcher and project manager with extensive experience in Florida coastal habitats. She is particularly skilled in designing and implementing ecological data collection programs, including mapping of resources using sub-meter-accuracy GPS, analyzing and presenting resulting data using state-of-the-art GIS software, and communicating results effectively to agencies and the public. Her in-water experience, including scientific diving and boating certifications, prepare her for both supervising and participating in all aspects of coastal environmental data collection. In addition, she has direct field and laboratory experience with water quality monitoring, phytoplankton ecology, and microbiological identification. Ms. Braynard is currently serving as adjunct faculty at Florida Keys Community College, teaching classes in marine data collection and seagrass restoration.

### Representative Professional Experience

**Senior Project Manager, SWC**, August 2009-present

**Monroe, Dade, Broward and Lee County offices, FL**

Serve as manager of various ecological, land use and public involvement services for public- and private-sector clients, with responsibilities including data collection and analysis, report writing, and oversight of compliance timetables and budgets.

➤ **Key West Mooring Field Pilot Project, Monroe County**

In charge of data collection, analysis and report preparation for moored vessels around Key West Mooring Field as part of County and State mooring field pilot project.

➤ **Wetland Mapping for Central Wastewater Project, Florida Keys Aqueduct Authority, Monroe County, FL**

Data collection to assist design engineer in wetland avoidance and minimization for new central wastewater system in Lower Florida Keys.

➤ **Walker's Island Maintenance Dredge Environmental Resource Permit, Monroe County**

Project manager for acquisition of environmental resource permits for maintenance dredging of entrance channel and boat basin, including design of comprehensive mitigation plan resulting in regional environmental enhancement, coordination with Florida Keys National Marine Sanctuary, Florida Fish and Wildlife Conservation Commission and U.S. Coast Guard, and processing of application with permitting agencies.

➤ **Fort Lauderdale International Airport Runway Expansion, Broward County**

Conducted site visit, data collection, preparation and submittal of US Army Corps of Engineers (USACE) forms to acquire federal jurisdictional determinations for wetlands affected by south runway expansion in relation to Rapanos guidelines.

➤ **Environmental Site Assessments, Monroe County**

Conducted site visits, interviews, and historic research for Phase I ESAs to identify potential or existing environmental contamination liabilities per US EPA standards. Site surveys include definition of chemical residues within structures; identification of possible asbestos containing building materials; inventory of hazardous substances stored or used on site; and assessment of mold and mildew or other indoor air quality parameters. Preparation of complete reports, utilizing Oculus for online research of Florida Storage Tank and Petroleum Contamination Monitoring databases. Production of site maps, contamination and storage tank maps, and historic aerial graphics for ESA reports. Locations include Florida Keys Community College, Key West; M & M Automotive, Big Pine Key; Tropical Boat Rentals, Marathon; and Paradise Inn, Key West

**Adjunct Instructor, Florida Keys Community College**, 2009-present

Teaching courses on marine data collection and seagrass restoration.



**Manager of Lower Keys Damage Assessment, Restoration and Resource Protection (DARRP) Team,** Florida Keys National Marine Sanctuary (FKNMS) through Florida Department of Environmental Protection, August 2006-September 2009, Key West, FL

Supervised and managed four employees to respond to vessel groundings and natural resource damage events, conducted biological assessments and prepared restoration plans and DARRP case management documents. Reviewed planning documents and permit applications and prepared recommendations on consistency of activities conducted within FKNMS Lower Region with FKNMS Management Plan and State environmental protection policies. Insured that damage assessment, restoration and monitoring plans were coordinated and consistent with federal, state and local regulations and management plans. Coordinated and provided technical and logistical field support for research, monitoring, and restoration projects within FKNMS. Assisted Sanctuary management with evaluating and resolving Sanctuary resource management issues and provided reports of monitoring findings to management and scientific community. Served as liaison with other State, local, and federal agencies regarding development and implementation of interagency agreements, response protocols, and civil penalty schedules for vessel groundings and oil spills within FKNMS. Prepared and administered State of FL portion of DARRP budget in accordance with FKNMS Annual Operating Plan.

**Marine Research Associate & Florida Keys Tidal Restoration Project Manager,** Florida Fish and Wildlife Conservation Commission, Fish & Wildlife Research Institute, January 2005-July 2006, Marathon, FL

Coordinated and managed all recreational mail surveys and monitoring, wrote public summary statements, and developed harvest estimates for recreational sector. Participated in team-based fishery and ecosystem research focusing on spiny lobster within and adjacent to the FKNMS, as well as Biscayne National Park and Buck Island Reef National Monument in St. Croix, USVI. Assisted in design and implementation of projects to study distribution, abundance, size structure, growth, fecundity, and other life history attributes of spiny lobsters using both above- and under-water scientific sampling methods. Analyzed data using advanced statistical techniques to determine trends and statistical significance and maintained archival databases using QA/QC methods. Prepared presentations, reports, and peer-reviewed manuscripts of study results for journals, FWC and other management commissions, and scientific meetings. Led and participated as member of research teams in field sampling, and prepared and helped coordinate logistics of field sampling activities. Participated in maintenance and operation of field equipment and vessels. Managed FTE and OPS employees and coordinated with inter-agency scientists to complete water quality monitoring, hardbottom habitat assessment, seagrass assessment, benthic sediment and invertebrate sampling for FKTR project. Conducted field instrument calibration, operation and maintenance for FKTR. Designed and maintained relational data entry databases using Microsoft Access and performed data analyses using statistical methods. Organized and maintained project records including QA/QC, instrument maintenance, data, and reports. Generated monthly data submissions, semiannual baseline data reports, and final data reports using Microsoft products, ArcView, and EcoWatch.

**Marine Research Assistant,** Florida Fish and Wildlife Conservation Commission, Fish & Wildlife Research Institute, January 2003-December 2004, Marathon, FL

Assisted original project primary investigator (PI) in designing and implementing a multifaceted monitoring project (FKTR), including creation of a monitoring plan and quality manual in accordance with EPA standards. Performed data entry for various field projects and recreational lobster fisher mail survey returns. Participated in database maintenance, field research and sampling, laboratory sample analysis, and maintenance, operation, and trailering of FWRI vessels.

**Graduate Research Assistant,** Department of Biological Sciences, Old Dominion University, March 2001-December 2002, Norfolk, VA

Collected water samples and environmental information for the Chesapeake Bay Monitoring Program. Conducted field and water quality instrument calibration, operation and maintenance. Prepared and analyzed water samples for identification and quantification of phytoplankton involving extensive microscopic analysis and computerized data entry. Trailered and operated program vessels in a wide variety of conditions and over long distances. Assisted in preparation of presentations, reports, and peer-reviewed manuscripts of study results involving phytoplankton ecology in the Chesapeake Bay and surrounding areas.

### **Certifications, Training and Memberships**

- Certified SSI Open Water SCUBA diver (@500 total dives) (@450 total scientific dives) since 2000
- Certified NAUI Divemaster since 2010



- Certified SSI Open Water SCUBA diver (@500 total dives) (@450 total scientific dives) since 2000
- Certified NAUI Divemaster since 2010
- Certified SSI Nitrox diver since 2004
- FDEP Scientific Diver 2008-2009
- NOAA Scientific Diver 2006-2008
- Certified AAUS Diver 2003-2006
- Certified YMCA SCUBA Lifesaving and Accident Management (SLAM)
- Certified Motorboat Operator (MOCC), US Dept. of Interior
- Certified American Red Cross CPR/AED and Standard First Aid





# ANGIE A. BERA

## Project Manager

### Academic Background

Bachelor of Science, Biology, University of California, San Diego, 1998

### Specialized Professional Competence

Ms. Bera has 10 years of extensive practical experience working with communities and utilities to improve wastewater and stormwater management and reduce pollutants. She has developed an in-house water quality laboratory to analyze fecal indicator bacteria, nutrients, and a variety of chemical parameters. Ms. Bera managed Santa Monica Baykeeper's Beachkeeper Volunteer Water Quality Monitoring Program for over five years. The program educates residents about the impact of urban runoff that directly affects all waterways of Los Angeles County and enables them to take a hands-on approach to help solve the problem. She was successful in creating partnerships with other government agencies and municipalities, working with volunteers from the community. Ms. Bera gained extensive knowledge in water quality monitoring and education, was actively involved in Los Angeles region Total Maximum Daily Loads (TMDLs) regulations aimed at pollution reduction, and has experience with large project management.

### Representative Professional Experience

#### Project Manager, SWC, 2009-present

##### Monroe, Dade, Broward and Lee County offices, FL

Ms. Bera is responsible for project management, technical data collection and analysis for water, wastewater and stormwater studies associated with local government, utility and private sector facilities. She also coordinates and implements public information programs as well as volunteer data collection and monitoring efforts.

➤ **Everglades City Utility Master Plan, Collier County, FL**

Served as project manager of data collection regarding City water, wastewater and stormwater systems, including existing physical plant, permits, and compliance history; conducted field visit and took photos; compiled thorough compendium of findings with extensive summary tables; organized and listed all reference documents; prepared database of all agency, City and County staff coordinated with during study and their contact information.

#### Independent Consultant/Water Quality, 2006-2009

##### City of Avalon/Catalina Island, California

➤ **Avalon Harbor Water Quality Research and Education, City of Avalon, CA**

Researched water quality issues in Avalon Bay through existing projects, compiling Assembly Bill 411(AB411) data, and literature research. Developed multimedia campaign to educate local residents and tourists about water quality in Avalon Bay by creating informational and educational materials about the warning sign system and water quality in Bay. Campaign included rack cards, interpretive signs for beaches, information for City's website, and creating and populating customized database to house AB411 data from last eight years.

➤ **Avalon Bay Water Quality Improvement Project, City of Avalon, CA**

Co-wrote and submitted proposal for City of Avalon for State of California, Clean Beaches Initiative (CBI) Grant Program Proposition 50 grant. State Water Resources Control Board recommended Avalon Bay Water Quality Improvement Project for CBI Proposition 50 Recommended Project List. City of Avalon was awarded \$1.4 million from State as result of proposal. Project is combination of long-term and short-term mitigation efforts to reduce high fecal indicator bacteria (FIB) concentrations found in ankle-depth waters of Avalon Bay. Over long term, City will eliminate all sources of sewage to shallow groundwater through improvements of sewer infrastructure, specifically laterals located in residential parcels. In short term, project will characterize and remediate sewage contamination of shallow groundwater underlying Avalon and focus on reducing FIB concentrations in ankle-depth waters by improving mixing.

➤ **Antimicrobial In-house Testing and Laboratory Development, Hydrophix, Riverside, CA**

Worked with Hydrophix and parent company AbTech Industries to create in situ tests for AbTech's Smart Sponge® Plus. This product has unique molecular structure and is based on innovative polymer technologies; combining intra-filter antimicrobial technology that ruptures cell membranes—preventing potentially harmful microorganisms from functioning, developing, or reproducing. Developed laboratory specifically designed to analyze performance of product. Created sampling design for multiple experiments that varied in flow rate, volume, bacteria and media concentration.



- **Aquarius, Hydrophix, Riverside, CA**  
Created sampling plan and administered all field and laboratory testing protocols used in storm water treatment systems for one of world's largest retail companies on 88-acre site in Riverside, California. Facility is owned and operated by Tesco PLC, a UK-based food manufacturer and is located on western portion of former March Air Force Base. Storm Water Antimicrobial Treatment (SWAT) is treatment train system designed to remove bacteria and hydrocarbons from stormwater runoff. Designed sampling protocol to test effectiveness of AbTech's Smart Sponge Plus® media which is designed to destroy bacteria such as, *E.coli*, enterococcus and fecal coliforms, on contact. Oversaw seven sampling events and processed over 1000 samples for fecal indicator bacteria and various other parameters.
- **Citywide Stormwater BMP Treatment Train Project, Hydrophix, City of Culver City, CA**  
Assembled team and developed a proposal for City of Culver City's Citywide Stormwater BMP Treatment Train project, which aimed at integrating both structural and non-structural Best Management Practice (BMPs) to help meet adopted TMDLs requirements for trash in Ballona Creek. Various components of project included full capture catch basin inserts, rain gardens, roof downspout disconnect/cisterns, low flow water brooms, and multimedia public education. While each component of project aimed at producing independent results, a more significant reduction in target pollutants can be achieved by implementing well-researched and creatively implemented BMP "train" that also incorporates public awareness, education, and behavior change in community. Hydrophix won project, but unfortunately it was put on hold because of City of Culver City's absence of matching funds.

**Beachkeeper Program Director/Staff Biologist, 2001-2006**  
**Santa Monica Baykeeper/Los Angeles, California**

Made significant contributions to citizen monitoring arena in region by showing that volunteer monitoring groups can successfully complete large-scale monitoring projects while meeting strict QA/QC requirements. Served as resource for other volunteer monitoring groups in region and often helped them to develop proper sampling methods and quality assurance project plans for their programs. Managed all grant writing and reporting for Beachkeeper program and was responsible for obtaining program's largest grant to date. She successfully increased program's budget from \$38,000 to over \$100,000 and brought in over \$110,000 worth of in-kind donations and corporate sponsorships. She served as chair of monitoring subcommittee of Ballona Creek Watershed Task Force, working with local stakeholders on creeks' water quality issues and served on Santa Monica Bay Restoration Commission's Technical Advisory Committee. In 2003, she received an award for Water Quality Stewardship from Los Angeles Regional Water Quality Control Board.

- **Beachkeeper Program Snapshot Water Sampling Events, Los Angeles, CA**  
Mapped location and obtained GPS coordinates of over 700 storm drains and discharge points along Santa Monica Bay, from Malaga Cove to County line, and along Ballona Creek, including many that were never previously recorded, and this information will be used by Los Angeles Regional Water Quality Control Board during Santa Monica Bay Beaches Bacteria TMDL process. Served as primary author of first Beachkeeper Storm Drain monitoring report, "A Snapshot of the Bay," which included data used by federal, State, and local government agencies. Coordinated 15 Baywide Snapshot Water Sampling events (dry and wet weather) with over 3000 drain observations made, and over 1,500 water samples tested for parameters including Total Coliform, *E. coli*, Enterococcus, heavy metals, pH, total dissolved solids, and salinity. Managed in-house laboratory where all water samples were analyzed and preserved for future analysis, including strengthening infrastructure and quality control procedures for field and laboratory components of program. Managed over 50 volunteers trained to accurately conduct visual observations and obtain water samples from over 500 drains and discharges in Santa Monica Bay. Developed unique training method that not only teaches volunteers about field and sampling methods, but it also empowers them with Clean Water Act knowledge and how their collective data helps to change water regulations in region. Helped to create and populate customized Access database for program. Successful in obtaining consistent funding for program, with funding sources ranging from small foundation funding to large government grants.
- **Monitoring Subcommittee Chair and Task Force Member, Ballona Creek Watershed Task Force, Los Angeles, CA**  
Active stakeholder in the Ballona Creek Watershed Task Force (BCWTF), which was formed to develop watershed management plan to help improve water quality and restore habitat in Ballona Creek Watershed. Served as monitoring subcommittee chair and spearheaded many monitoring efforts in creek and collection of water quality monitoring information from all stakeholders. Played integral role in development of community-based monitoring chapter in Ballona Creek Watershed Management Plan and in writing proposal to obtain



grant for full time watershed coordinator. As result, Baykeeper was awarded monitoring portion of grant and associated funding. Conducted regular meetings with BCWTF monitoring subcommittee and began to create website/database to house all projects, studies, and data collection efforts that have taken place in Ballona Creek watershed. This website/database would serve as searchable tool for task force. Started development of comprehensive monitoring plan and quality assurance project plan for upcoming community-based monitoring efforts.

➤ **Water Quality Monitoring and Education Coordinator, Ballona Creek Water Quality Improvement Project, City of Culver City, CA**

Santa Monica Baykeeper was subcontracted by City of Culver City to monitor large storm drain near Overland Avenue in Ballona Creek. City of Culver City was awarded grant to install CDS unit to control pollutants from entering Creek. Was involved since beginning and was responsible for all monitoring and education efforts on site. Coordinated weekly monitoring for over three years to track levels of specific pollutants that flow from this drain and their impacts to creek. Monitoring was conducted before and after installation of device and additional monitoring was conducted to help determine effectiveness. CDS unit was installed in November 2004, and is first device of its kind to be installed near Ballona Creek. Spearheaded collaborative effort with Southern California Coastal Water Research Project (SCCWRP) and CDS Technologies to conduct thorough effectiveness study. Collaboration of resources helped to obtain additional water quality, flow, sediment, and toxicity data. Successfully developed scientific method-based curriculum with teachers at Culver City Middle School to conduct water quality monitoring field experiments and teaching program about Ballona Creek for 400 seventh graders. Teachers were impressed by program and raised enough money to have Baykeeper return to teach for second year.

➤ **BMP Research and Monitoring Coordinator, Paradise Cove, Malibu, CA**

Planned and implemented installation and coordination of weekly monitoring on structural BMP device in City of Malibu. Ramirez Creek runs through portion of Malibu Creek Watershed and empties in front of Paradise Cove property. For years, Beachkeeper volunteers have monitored creek and it has consistently shown bacteria levels that significantly exceed state health standards. Many families visit this beach throughout year and children consistently play in and nearby. Owners of property and local restaurant worked with Ms. Bera and Beachkeeper program over several months to find solution to problem. After thorough research, monitoring throughout property and investigation, bacteria-reducing device was installed. Clear Creek Systems Inc. device uses UV system to treat and reduce bacteria levels as water flows through system. Beachkeeper volunteers and staff monitor creek and effectiveness of system on weekly basis and have seen dramatic drop in bacteria levels. Educational signs are displayed on site about device and weekly results are posted so beachgoers are aware of bacteria levels. Project serves as example for many of upcoming BMPs in Los Angeles region. Malibu area is unique because dry weather diversion for end-of-pipe treatment cannot be implemented. Los Angeles County Department of Public Works installed similar device in Marie Canyon based on pilot project in Paradise Cove. Also worked with City of Malibu to apply for additional state funding to upgrade current device in Paradise Cove to handle dry and winter dry flows and to have upgrades installed to easily divert treated water for future reuse on property.

➤ **Field and Volunteer Coordinator, Ballona Creek Dry Weather Snapshot Sampling Events, Southern California Coastal Water Research Project, Los Angeles Regional Water Quality Board, City of Los Angeles, Los Angeles County Department of Public Works, CA**

Successfully coordinated and completed three dry weather snapshot sampling events in Ballona Creek, and worked in collaboration with Los Angeles Regional Water Quality Control Board, City of Los Angeles, Los Angeles County, Southern California Coastal Water Research Project, and Ballona Creek Watershed Task Force. Goal of snapshot events was to sample all flowing drains and to conduct in-stream sampling throughout Creek within a few hours time. The near simultaneous snapshot of discharges and in-stream water quality provided critical information needed for constructing water quality model which was used to calculate total maximum daily load and to develop various scenarios for allocating pollutant loads among dischargers. Coordinated many logistics involved in effort, including recruiting and training volunteers; equipping each volunteer team with maps; and providing pictures and description of drains, access information, and monitoring kits for field. She also processed samples and arranged for delivery within hold times. Ms. Bera and the Santa Monica Baykeeper were recognized by California EPA Department of Toxic Substance Control for this effort and she was asked to serve on Technical Advisory Committee (TAC) for project that looked at implementing Coliform TMDLs for Santa Monica Bay beaches using standard methods and rapid indicator detection technologies. One watershed of interest for this study was Ballona Creek. Planned and implemented coordination of one of three Ballona Creek dry weather samplings to accommodate additional



samples to be collected for this study. Results and manuscript was accepted for publication in Applied and Environmental Microbiology, with Ms. Bera as co-author.

- **Los Angeles Region Coordinator, California Coastwide Snapshot Day 2003, California State Water Resources Control Board, Los Angeles, CA**  
Through Santa Monica Baykeeper, coordinated Los Angeles County citizen water quality monitoring groups for inaugural California Coastwide Snapshot Day 2003. Event was designed to increase public awareness about issues that affect watersheds that drain into coastal and adjacent waterways and was important step toward comprehensive data collection and coordination of all monitoring groups along coast. Supervised over 80 trained volunteers from 13 different organizations and monitored over 100 sites for water quality parameters including indicator bacteria, pH, turbidity, nutrients and conductivity. Successfully used momentum of event to conduct first of three dry weather snapshots in Ballona Creek to show importance of volunteer monitoring efforts and influence on regional water regulations.
- **Los Angeles Region Shoreline and Surf zone Sampling Coordinator, Southern California Coastal Water Research Project, Los Angeles, CA**  
As part of Southern California Bight 2003 Study of ocean and bay waters between Point Conception and Baja California, Mexico, a series of region wide sampling events took place in fall and winter (2003/2004) to answer questions on water quality and stormwater flows at beaches next to large drainages or creeks. Participating organizations included local health departments, City water/wastewater agencies, environmental groups, and private and academic researchers. One aspect of study was to compare water quality at shoreline (where routine testing is performed in 4 -12" depth water) to water quality at wave impact zone where most recreate. The goal was to understand if these routine shoreline sample results are actually representative of water quality where people recreate. Ms. Bera provided valuable input in microbiology study and was responsible for mobilizing volunteers to assist with surf zone sample collection to provide bacteria fate and transport data from coastal rivers to shoreline and further offshore. She also had significant input on surf zone monitoring and safety protocols for volunteers.
- **Environmental Stakeholder and Representative in TMDL compliance monitoring plan and implementation plan development, Santa Monica Baykeeper, Los Angeles Regional Water Quality Control Board, Los Angeles, CA**  
Data collected by Beachkeeper program contributed to development of TMDLs in Los Angeles region. Assisted responsible agencies and jurisdictions as they developed coordinated shoreline monitoring plan to determine ongoing compliance with Santa Monica Bay Beaches Bacteria TMDL. As a result of her efforts and Beachkeeper program's extensive dataset, Regional Water Board include statement in compliance monitoring plan that requires agencies to use Beachkeeper program data for future work on this TMDL. Was also active in Ballona Creek and Marina Del Rey TMDL development and played integral role in helping to shape monitoring and implementation plans for these TMDLs. Was instrumental in obtaining grant for Beachkeeper program to fund Baykeeper's involvement in these TMDLs and many other TMDLs being developed in Los Angeles region.

## **Publications and Presentations**

- Noble T., Rachel, J.F. Griffith, A.D. Blackwood, J.A. Fuhrman, J.B. Gregory, X. Hernandez, X. Liang, A. Bera, K. Schiff, *Multi-Tiered Approach Using Quantitative Polymerase Chain Reaction For Tracking Sources of Fecal Pollution to Santa Monica Bay, California*, Southern California Coastal Water Research Project, Westminster, CA. 2005.
- Bera, Angie, *Volunteer Monitoring Helps Identify Problems and Improve Cleanup*, The Clean Water Act, Owner's Manual 2<sup>nd</sup> Edition, River Network, 2005.
- Bera, A., Dates, G., *Data to Information*, Proceedings, River Rally Conference, Wintergreen, VA, May, 2004.
- Bera, Angie, *Los Angeles County Executive Summary*, California Coastwide Snapshot Day 2003, Sacramento, CA.
- Bera, A, Craig, M., *Keeping Pollution at Bay*, Volunteer Monitor Newsletter Success Stories, Summer, 2002.
- Bera, Angie, *Snapshot of the Bay, Beachkeeper Storm Drain Report*, Santa Monica Baykeeper, Marina del Rey, CA, 2001.



# TERI A. BECKETT, P.E., G.C., Arborist Senior Engineer

## Academic Background

Bachelor of Science in Ocean Engineering, specialization in hydraulic system structural analysis, hydrodynamics and biological/chemical system interactions, Florida Atlantic University, 1985

Civil engineering curriculum, University of California at Berkeley, 1981

## Specialized Professional Competence

Ms. Beckett has 23 years of experience as an engineer project manager and environmental consultant involved with large infrastructure and environmental restoration projects in ecologically sensitive areas. She has been a planner, project manager, construction manager representing the contractor, as well as an owner's resident engineer on large infrastructure and/or environmental restoration projects. As an owner's representative for Port Everglades Authority, she drafted dozens of contract specifications for coastal and environmental restoration projects, as well as performed project inspections, management and close-out throughout for similar projects throughout South Florida for FDOT, and the USACE. At the Port, she designed, permitted and administered projects and grants for large environmentally sensitive projects such as the John U. Lloyd and West Lake Park mitigation. Ms. Beckett designed and permitted the Port's maintenance dredging projects including a manatee observation program; licensed and remediated underground petroleum storage tanks; administrated an FDEP landfill closure; drafted and coordinated the Port's first NPDES submittal in cooperation with nine major seaports throughout Florida; and developed a permit management database for the Port's 60+ active regulatory permits. Ms. Beckett is a senior associate with SWC and also has her own consulting firm.

## Representative Professional Experience

- **US-1 Widening from Florida City to Key Largo, FDOT Dist 6.** Was responsible for construction compliance with environmental permits. Project included impacts to over 40 acres of mangrove and seagrass habitat, with strict stormwater controls within Florida Outstanding Waters, and multiple extensive Storm Water Pollution Prevention Plans. Other compliance issues include endangered species and vegetation plans and protective measures, contractor education, coordination with environmental agencies. Supervised and coordinated biological monitoring efforts with civil inspection staff, as well as with six environmental agencies.
- **C-111 Project 7, USACE Southern District.** As representative of contractor, drafted Storm Water Pollution Prevention, Environmental, Bird and Manatee Monitoring plans, filed NPDES Notice of Intent, all to first draft satisfaction of USACE Southern District personnel. Also provided manatee and water quality monitoring services, and coordinated these, bird monitoring, and other environmental permit compliance issues with environmental agencies.
- **Birch State Park Mitigation Design / Build; Broward County Fort Lauderdale International Airport.** As designer and general contractor, performed design, permitting and construction services for 40-acre Birch State Recreational Area design/build mitigation project, which included selective land clearing, excavation of planting areas and tidal channels, herbicide treatment, culvert connections and wetlands planting.
- **Miscellaneous FDOT District IV Districtwide Miscellaneous Environmental Services.** Since inception of this contract in early 1997, as subconsultant to various firms, performed seagrass surveys at Ernest Lyons and the Merrill Barber Bridges, over 40 upland tree surveys, and assembled comprehensive document summarizing vegetation permitting statutes and procedures throughout FDOT Dist. 4.
- **Everglades National Park 'Hole-in-the-Donut' Freshwater Wetlands Restoration Project, US Department of the Interior.** This five-year initial phase of overall 6,000-acre, 20-year program consisted of remediation of 2,100 acres of monospecific Brazilian Pepper. As Project Manager for contractor was responsible for permit compliance issues; construction inspection and supervision; and coordination between contractor, monitoring teams, ENP and environmental permitting agencies.
- **FDOT District VI US-1 Wetlands Mitigation Project, Key Largo.** This \$7.3 million project consisted of four separate sites within Crocodile Lakes National Wildlife Refuge and C-111 and C-109 canals in Southern Everglades Region. As CEI Resident Engineer, made numerous design and permit



modifications, including modified elevations at C-109 Canal and US-1 Roadside Spoil Sites to more closely replicate surrounding natural features, developed detailed planting schedules for C-109 tree islands to match tree groupings on existing islands in basin, added new mitigation areas at US-1 Roadside Spoil to better improve sheet flow in C-111 basin, added flushing channels throughout Harrison Tract to improve flushing to planting areas, and included mangrove propagule planting at Harrison to further FDOT's two-year coverage goals. Her duties as on-site Project Resident Engineer also included supervision of large CEI team including biologists, engineers, office staff and contractors; contract administration; construction inspection; and environmental agency interface with SFWMD, USFWS, FWC, USACE, DERM, and FDEP.

- **John U. Lloyd Mitigation Project Series - Southport Turning Notch Dredging.** A series of mitigation projects were conducted in John U. Lloyd State Recreational Area and West Lake Park, involving sensitive issues regarding park use, maintenance of traffic and other interaction public relations issues. Final design of these projects, which totaled in cost approximately \$3 million and involved over 100 impacted acres of restoration, included clearing and grubbing in environmentally sensitive area; scraping down of material and construction of creeks and ponds for fish propagation; installation of 4,000 feet of rip-rap berm, planting of mangrove propagules; construction of an educational facility—all conducted under separate contracts. Was responsible for specification development, permit compliance and modification, and all contract administration issues for Port, and coordination with environmental agencies.

### Professional Positions

**Chief Engineer, SWC, Key West, Miami, Hollywood & Fort Myers, 2008-present**

Provides environmental compliance engineering services for projects throughout Southeast and Southwest Florida, develops proposals for major public infrastructure projects, and supervises staff performing compliance monitoring services.

**Chief Engineer, SKS Engineering and Planning, Inc., 1992-present, Fort Lauderdale**

**Environmental Project Manager, Port Everglades Authority, 1987-1994**

### Certifications

Professional Engineer, Florida, 1990, PE License No. 43328

Professional Engineer, California, 1992

State of Florida Certified Building Contractor, 2001, Contractor License no. QB0019430

Certified Arborist, International Society of Arboriculture, 2001





1016 Clemons Street, Suite 406, Jupiter, FL 33477  
(561) 745-2401 • Fax (561) 746-3380 • rruskay@rmpkfund.com

## Ryan A. Ruskay President

Mr. Ruskay has more than 12 years of extensive experience in the evaluation and management of various state and federal funding programs, obtaining \$90 million dollars in the past nine years. He has worked with a wide range of local governments to find and obtain the funding necessary to make their capital projects a success. His projects consistently place in the top percentages of funding programs on the local, state and federal level. Mr. Ruskay's experience includes obtaining funding for land acquisition, transportation projects, cultural facilities and public safety projects. In addition to assisting local communities throughout the state in obtaining funding for capital projects, Mr. Ruskay and the staff at RMPK Funding have developed Capital Improvement and Strategic Funding Plans for many of their clients.

Beginning his career with the State of Florida, Mr. Ruskay managed such programs as the Florida Recreational Development Assistance Program and the Florida Boating Improvement Program. Besides acting as Project Manager for hundreds of projects across the entire state, he has been actively involved in the evaluation and selection of State and Federal grant applications. This experience, combined with his relationships with many key funding coordinators on the local, state, and federal level, will ensure that the clients of the RMPK Funding have the best opportunity to receive funding.

### MUNICIPAL PROJECTS FUNDED

Emergency Facilities  
Park Land Acquisition  
Park Facilities  
Recreation Grants  
Social Services  
Stormwater Improvements  
Sanitary Sewer Systems  
Street & Drainage Projects  
State Revolving Fund Loans  
Cultural Facilities  
Historic Preservation  
Hurricane Mitigation  
Urban Reforestation  
Community Development  
Block Grants

### Activities related to the management of local, state and federal funding programs:

- Florida Recreational Development Assistance Program, Project Manager
- Land and Water Conservation Fund, Program Manager
- Recreational Trails Program, Project Manager
- Florida Boating Improvement Program, Program Manager
- Department of Environmental Protection's Legislative Line Item Program, Project Manger
- Corzo, Castalla, Carballo, Thompson, Salman, P.A., Coral Gables, Florida, Funding Director

### EDUCATION

Bachelor of Science, Political Science  
Florida State University

# Paul Catledge, PE

## Senior Project Engineer, Miami Office/ Laboratory

### FORMAL EDUCATION:

Louisiana State University  
Bachelor of Science - Civil  
Engineering

### PROFESSIONAL REGISTRATIONS:

Registered Professional  
Engineer,  
State of Florida #68448

Troxler Nuclear Gauge

OSHA Safety Hazardous  
Materials Certificate

### PROFESSIONAL AFFILIATIONS:

Florida Engineering Society

American Society of Civil  
Engineers

### REFERENCES:

Miami-Dade Aviation  
Department, Environmental  
Engineering Division  
P.O. Box 592075  
Miami, Florida 33139  
Mr. Joaquin Menendez  
305- 876-0799

Miami Children's Hospital  
Construction Management  
3100 SW 62nd Avenue  
Miami, Florida  
Ms. Juliana Yepes  
786-624-5886

W. F. McCain & Associates  
1171 19th Street  
Vero Beach, Florida 32961  
Mr. Bill McCain  
772-770-1093

### PROFESSIONAL EXPERIENCE:

Mr. Catledge serves as a Senior Project Engineer for the Miami Dade County office/laboratory location of Nutting Engineers of Florida, Inc. Mr. Catledge has six years experience in the civil/geotechnical engineering field. His responsibilities include preliminary site studies, geotechnical explorations to determine site preparation, feasibility studies for land development, foundation design analysis and recommendations, supervision and training of drill crews, workload analysis, observation of piling installations, pile load tests, classification of in-situ soils, and field/laboratory materials testing.

Mr. Catledge's experience includes construction layout, collection of field data, layout of structures, buildings and roads and ensuring quality of work being performed in the field by maintaining correspondence between the office and the contractor. He has provided supervision and monitored installation of deep foundation piles as well as conducted soil tests and compressive strength testing for many projects throughout Miami-Dade County.

Mr. Catledge also serves as project manager for numerous government projects including the Key West Solid Waste Transfer Station, Broward County Board of County Commissioners and Miami-Dade County Public Works and the School Districts of Broward and Miami-Dade Counties.

### PROJECT EXPERIENCE:

- Florida Keys Community College, Student Housing Facility, Key West
- City of Key West Truman Annex, 6410 5<sup>th</sup> Street, Key West
- Island City Flying Service, 3471 South Roosevelt Boulevard, Key West
- Key Largo Water Treatment District, Basin G & Basin H, Key Largo
- Village Hall/Fire Station #21, 86800 Overseas Highway, Islamorada
- Medley Landfill, 9350 NW 89th Street, Medley
- City of Key West Class 1 Solid Waste Transfer Station, Rockland Key, MM 9
- Port of Miami, New Canopies at Terminal B and C (Grace & Naeem Uddin)
- Port of Miami, Rip Rap Replacement Project (Miami Dade Public Works)
- Port of Miami, Entrance Road, Biscayne Boulevard (Transamerica Construction Company)
- GSA Office Building/ FBI Hub, Miramar
- Joe DiMaggio Children's Hospital, Hollywood
- Miami Children's Hospital- Bed Tower, Central Energy Plant, Parking Garage, Miami
- City of Miami Beach: Neighborhood #8E Sunset Islands 1 & 2, 2010; Hibiscus and Palm Islands Project, 2011; Neighborhood #9 City Center Bicycle Project, 2011
- Town of Miami Lakes- Government Center, 67<sup>th</sup> Avenue
- Florida International University School of International Studies, Miami

# Richard C. Wohlfarth, P.E.

## Principal/ Director of Engineering

### FORMAL EDUCATION:

University of Florida,  
Gainesville, Florida

Bachelor of Science,  
Civil Engineering

### PROFESSIONAL REGISTRATIONS:

Registered Engineer-  
State of Florida #50858

Registered Building Inspector-  
State of Florida BN #3580

SBCCI #6528

ACI Level 1 #991175

UBCI

### PROFESSIONAL AFFILIATIONS:

Florida Engineering Society  
\*Past Chapter President

National Society of Professional  
Engineers

### REFERENCES:

Florida Keys Aqueduct Authority  
1100 Kennedy Drive  
Key West, Florida  
Mr. Jim Reynolds  
305-296-2454

Carmo Engineering  
228 East Ocean Avenue  
Lantana, Florida 33462  
Mr. Dave Carmo  
561-586-1111

Calvin Giordano & Assoc.  
1800 Eller Drive, Ste. 600  
Ft. Lauderdale, Florida 33316  
Mr. Don Windham  
954-921-7781

### PROFESSIONAL EXPERIENCE:

Mr. Wohlfarth, P.E. is the Director of the Engineering Department which includes professional and technical personnel. He also has overall responsibility for the Special Inspection, Construction Materials Testing and Geotechnical Engineering Divisions where he directs training, quality system review and personnel evaluations. His responsibilities include report review, signing and sealing geotechnical engineering, structural inspection and laboratory testing reports for the company, providing contract negotiation and administration, budget estimating and project management.

Mr. Wohlfarth has 22 years of experience in various aspects of geotechnical engineering which include determining feasibility of site development, foundation design analysis and recommendations, providing engineering evaluation for bridge and roadway construction, pavement design for roadways, roadway subgrade stabilization by geotextiles and other means, design of shoring systems for utility trenches and other deep excavations, dewatering methodology for trench and other excavations and backfill procedures, setting up and monitoring pile load tests, and providing value engineering for foundations.

### PROJECT EXPERIENCE:

- Proposed pump assisted drainage wells and underground storm water pump station, Duval Street, City of Key West
- Barge Drilling for multiple transmission lines for Florida Keys Electric
- City of Key West Key Largo Water Treatment District proposed Vacuum Sewer Line- approximately MM103.5 to MM105.5
- Multiple 2M gallon storage tanks throughout the Keys
- Calusa Campground & Collection Water System, approximately Mile Marker 101, Key Largo
- City of Key West Class 1 Solid Waste Transfer Station, Rockland Key, MM 9
- Miami Beach City Center R.O.W. Infrastructure Improvements
- W/WTP projects include: Clewiston WTP, Boca Raton Reverse Osmosis Facility @ Glades Road WTP; Dania Beach WWTP @ Stirling Road; Deerfield Beach WWTP; Pembroke Pines WTP Improvements @ Johnson Street; Sawgrass WTP @ Sawgrass Corporate Parkway; City of Coral Springs WTP @ 85<sup>th</sup> Avenue; Layton WWTP Expansion; Florida City WTP High Service Pump Station; Key Largo WTP @ MM 105.5; FKA Robert Dean WTP @ Florida City; Duck Key WTP; North Key Largo Advanced Treatment and Wastewater Reuse project @ Ocean Reed Club
- Various projects for the Miami Dade County Board of Commissioners- Qualification Based Contract (since 1986)- Environmental Assessments, Geotechnical Exploration & Engineering, Material Testing, Structural Inspections

# REECE & WHITE LAND SURVEYING, INC.

P.O. BOX 432123, BIG PINE KEY, FLORIDA 33043

PHONE (305) 872-1348

FACSIMILE (305) 872-5622

EMAIL reecepta@aol.com

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RESUME: Joe Robert White, PSM

TITLE: Professional Surveyor and Mapper

EXPERT WITNESS & CONSULTING EXPERIENCE:

Boundary Disputes; Right of Way and Easement Disputes.

PROFESSIONAL EXPERIENCE:

Over twenty-seven years of experience in all aspects of surveying including construction stake-out, boundary and section work, topographic, mortgage surveys, wetland surveys and GPS.

EDUCATION:

Troy State University, Bachelor Degree in Criminal Justice/Geography

Continuing Education Courses:

Mean High Water Surveying Field Practices

6 Credit Hours – Legal Descriptions

6 Credit Hours – Florida Minimum Technical Standards

PROFESSIONAL REGISTRATIONS & LICENCES:

Professional Surveyor and Mapper – Florida #LS6688

U.S. Merchant Marine Officer – USCG Charter Boat Captain

PROFESSIONAL MEMBERSHIPS:

Florida Surveying and Mapping Society - Member



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Joe Robert White, PSM  
President, Reece & White Land Surveying, Inc.

Date: June 28, 2011

Professional Surveyor and Mapper, LB 7846  
Robert E. Reece, PSM 5632, State of Florida  
Joe Robert White, LS 6688, State of Florida

## Firm's Specific Relevant Experience

### Chen Moore and Associates

#### **Navy Pedestrian Bridge at Key West's Truman Annex, Key West, FL**

Chen Moore and Associates provided engineering services during design and construction of the navy pedestrian bridge. These activities include technical assistance, shop drawings, submittal review, field observation, and meeting attendance. The purpose of the bridge is to provide Navy personnel access over the proposed road to Fort Zachary Taylor.

#### **Client, Client's Representative, Client's Address and Telephone Number**

City of Key West  
Doug Bradshaw  
3140 Flagler Avenue  
Key West, FL 33040  
(305) 809-3792

#### **Key Personnel Involved in Design Phase Services**

Oscar Bello, P.E.  
Mike Buick, P.E.

#### **Design Services Fee**

\$46,830

#### **Estimate of Construction Cost**

\$900,000

#### **Contract Award Amount**

\$900,000

#### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

Matthew J. Shiring, P.E.  
Ebsary Foundation Company  
2154 Northwest North River Drive  
Miami, FL 33125  
Phone: (305) 325-0530 ext. 108



section C

## **Engineering Services for Truman Annex Building 103 Structural Assessment and Repairs, Key West, FL**

Chen Moore and Associates is under contract to provide structural engineering services to assist in the repair of the Truman Annex – Building 103 located within the naval historic property owned by the City of Key West directly west of Southard Street and Fort Street adjacent to the USCGC Ingham. The existing structure is an existing one story building consisting of approximately 12,500 square feet. The structure consists of reinforced concrete frames and roof with masonry walls. It is our understanding the structure was built in 1941 and served as a Naval support facility housing diesel generators. The City of Key West intends to reuse the building once it is rehabilitated. The existing structure is exhibiting severe concrete spalling and corroded reinforcing at numerous locations.

### **Client, Client's Representative, Client's Address and Telephone Number**

City of Key West  
Doug Bradshaw  
3140 Flagler Avenue, Key West, FL 33040  
Phone: (305) 809-3792

### **Key Personnel Involved in Design Phase Services**

Oscar Bello, P.E.

### **Design Services Fee**

\$59,000

### **Estimate of Construction Cost**

N/A

### **Contract Award Amount**

N/A

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

N/A

## Key West Design/Build Transfer Station

Chen Moore and Associates was the lead design consultant for the design/build project of the new Key West Solid Waste Transfer Station. The project consisted of development of approximately 4 acres of vacant land in Rockland Key, Monroe County, Florida. The transfer station included a transfer building with truck tunnels, a corrugated cardboard recycling building, office and maintenance building, scale house with truck scale platforms and inspection area, leachate storage tank and retaining walls. The state-of-the-art transfer station replaces the aging Southernmost Waste to Energy facility on Stock Island, providing the capacity to handle the city's needs for at least the next 20 to 30 years. The overall design of the Solid Waste Transfer Station in Key West required retaining walls along the proposed roadway/driveway. As such, design plans were prepared for a cast in place reinforced concrete to handle WB-67 truck loads.

### Client, Client's Representative, Client's Address and Telephone Number

D.N. Higgins Inc.  
Paul Waters  
1213 Glynn Archer Dr. #281  
Key West, FL 33040  
Phone: (305) 797-1019

### Key Personnel Involved in Design Phase Services

Oscar Bello, P.E.  
Mike Buick, P.E.

### Design Services Fee

\$855,193

### Estimate of Construction Cost

\$7.5 million

### Contract Award Amount

\$8.5 million

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

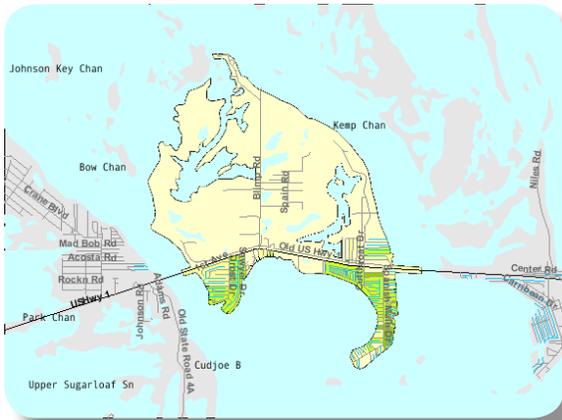
D.N. Higgins Inc.  
Paul Waters  
1213 Glynn Archer Dr. #281  
Key West, FL 33040  
Phone: (305) 797-1019



## Cudjoe Regional Wastewater Collection Project, Monroe County, FL

Chen Moore and Associates is the engineering consultant for the design and permitting of installation of a wastewater collection system within Monroe County. Recognizing that the economic health of Monroe County and its municipalities relies largely on the environmental health of a unique marine ecosystem, the County's Year 2010 Comprehensive Plan mandated that nutrient loading levels be reduced in the marine ecosystem of the Florida Keys. In June of 2000, the Sanitary Wastewater Master Plan (Master Plan) was finalized with the goal of eliminating approximately 23,000 private on-site wastewater systems by July 2010. Through interlocal agreement, Monroe County has requested that the Florida Keys Aqueduct Authority (FKAA) design, build, and operate County-owned infrastructure on behalf of the citizens in the master-plan prescribed service areas.

The service areas for the proposed wastewater collection systems under this project include Big Pine Key, Little Torch Key, Ramrod Key, Noname Key, and Lower Sugarloaf Keys. Chen and Associates is responsible for the final planning, design and permitting services to cover the non-central service areas of the regional system. The final product will be a permitted conveyance system that will combine various wastewater collection system technologies in order to connect as many on-site wastewater systems as possible for the lowest overall cost. The combined strategic utilization of proper planning and technology, extending to the greatest number of connections for the best value, is an approach developed by the FKAA through its years of experience in the water and wastewater utility business and will consider conventional gravity, vacuum sewers and low pressure sewerage technologies. The preliminary engineering report and conceptual design has been completed, but the project is currently on hold for funding.



### Client, Client's Representative, Client's Address and Telephone Number

Florida Keys Aqueduct Authority  
Donal Hubbs  
1100 Kennedy Dr.  
Key West, FL 33041  
Phone: (305) 295-2142

### Key Personnel Involved in Design Phase Services

Ben Chen, Ph.D, P.E.  
Oscar Bello, P.E.  
Mike Buick, P.E.  
Peter Dueno, E.I.  
Meghan Wells, E.I.

### Design Services Fee

\$2,421,136

### Estimate of Construction Cost

\$80 million

### Contract Award Amount

Project on hold

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

Project on hold

## General Transportation Engineering Services, Key West, FL

Chen Moore and Associates was selected to provide General Transportation Engineering Services for the City of Key West Department of Transportation (KWDoT). KWDoT provides many services to the community, visitors, and their internal customers (staff), which consists of over 400 City associates. The three service areas or functions that KWDoT is responsible for providing are public transportation, fleet services, and municipal parking lot operations.

Chen Moore and Associates' first task order was the City of Key West Department of Transportation Facility. The City of Key West proposes to construct a new Transportation Facility on the site of the old Southernmost Waste to Energy Facility (SWTE). The new facility will serve as the transportation operations and administration building for the City of Key West and be the primary terminal/transfer station for lower keys shuttle bus service which serves Marathon to Key West. It will provide parking for customers of public transportation and employees as well as a plan for Phase II of the construction on the remaining land at this site to incorporate tour bus parking and shuttle services into Key West from Stock Island, Florida.

The project will allow for expanded public transportation, adequate office and parking space for employees, as well as training rooms, locker rooms, and space for additional personnel that will be required to move the community into the next generation of public transit services, which includes security issues related to the Homeland Security Act. Funding is provided in part by the Federal Transportation Authority and the Florida Department of Transportation. Compliance with the National Environmental Policy Act for the proposed site improvements will be a requirement for the federal funding aspects for the project. Project is on track to become LEED Silver certified.



### Client, Client's Representative, Client's Address and Telephone Number

City of Key West  
Myra Wittenberg  
627 Palm Avenue  
Key West, FL 33040  
Phone: (305) 292-3918

### Key Personnel Involved in Design Phase Services

Ben Chen, Ph.D., P.E.  
Oscar Bello, P.E.  
Mike Buick, P.E.  
Peter Dueno, E.I.  
Meghan Wells, E.I.

### Design Services Fee

\$969,000

### Estimate of Construction Cost

\$7.5 million

### Contract Award Amount

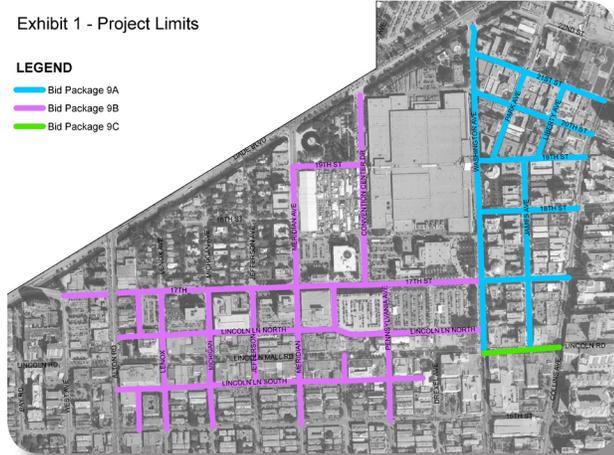
N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A

## City Center Right of Way Improvement Project, Miami Beach, FL

Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the City Center neighborhood of Miami Beach. The project encompasses approximately 24,000 LF of ROW infrastructure improvements including water main replacements, sanitary sewer upgrades, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the Public, adjacent CRAs, historic districts and various regulatory agencies.



walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the Public, adjacent CRAs, historic districts and various regulatory agencies.

### Client, Client's Representative, Client's Address and Telephone Number

City of Miami Beach  
 Carla Dixon  
 777 17th Street  
 Miami Beach, FL 33139  
 Phone: (305) 673-7071

### Key Personnel Involved in Design Phase Services

Peter Moore, P.E., LEED AP  
 Dr. Ben Chen, P.E., BCEE  
 Oscar Bello, P.E.  
 Cristobal Betancourt, RLA  
 Michael Buick, P.E.  
 Jason McClair, P.E., LEED AP  
 Peter Dueño, E.I.  
 Meghan Wells, E.I., LEED AP  
 Marlon John

### Design Services Fee

\$2.58 million

### Estimate of Construction Cost

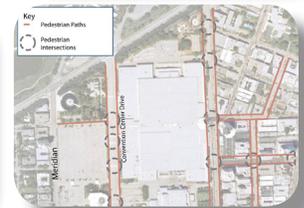
\$21.2 million

### Contract Award Amount

\$7.76 million

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

M. Vila & Associates Inc.  
 Miguel Vila  
 12097 NW 98th Avenue  
 Hialeah Gardens, FL 33018  
 Phone: (305) 821-1226



## **South Pointe Phase III/IV/V - Right of Way Improvement Project, Miami Beach, FL**

Chen Moore and Associates is the prime consultant and is responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection services for infrastructure improvements within the public right of way areas of the South Pointe III/IV/V neighborhood of Miami Beach. The project encompasses approximately 19,000 LF of ROW infrastructure improvements including water main replacements, stormwater drainage improvements, paving & grading, streetscaping enhancements, landscaping improvements, lighting improvements, and roadway reconstruction. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the public, adjacent CRAs, historic districts and various regulatory agencies.



### **Client, Client's Representative, Client's Address and Telephone Number**

City of Miami Beach  
Carla Dixon  
777 17th Street,  
Miami Beach, FL 33139  
(305) 673-7071

### **Key Personnel Involved in Design Phase Services**

Peter Moore, P.E., LEED AP  
Dr. Ben Chen, Ph.D., P.E.  
Oscar Bello, P.E.  
Cristobal Betancourt, RLA  
Micke buick, P.E.  
Jose Acosta, P.E.  
Peter Dueño, E.I.  
Meghan Wells, E.I., LEED AP  
Andres Aristizabal  
Stefan Bortak

### **Design Services Fee**

\$1.9 million

### **Estimate of Construction Cost**

\$9.34 million

### **Contract Award Amount**

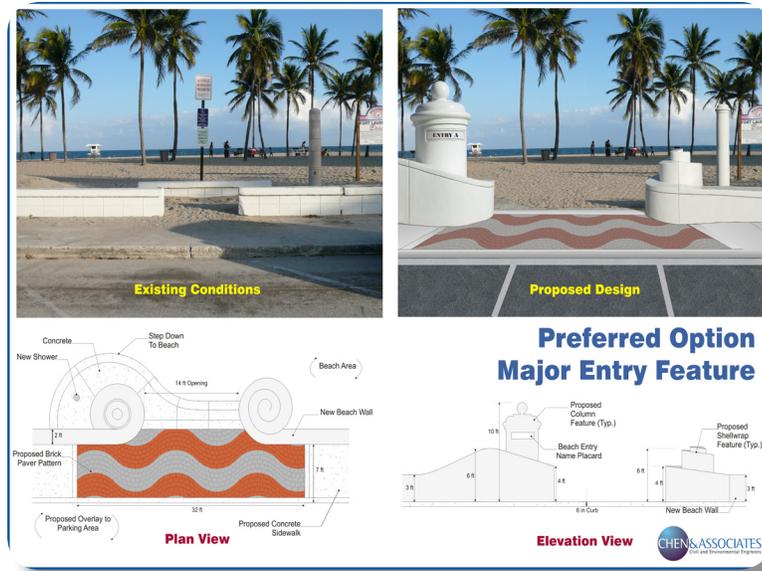
\$9.95 million

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

Trans Florida Development Corp.  
Paul Cusmano  
729 5th Street  
Miami Beach, FL 33139  
Phone: (305) 370-8055

## South Beach Parking Lot Wall Replacement, Fort Lauderdale, FL

The purpose of this project is to provide the restoration and enhancement of the City-owned 6.5 acre “South Beach” parking lot, located along SR A1A, south of Las Olas Boulevard. The scope of work includes bringing the parking lot into ADA compliance per requirements of consent decree, replacing a deteriorating low profile wall and sidewalk approximately 2100 feet in length, replacing existing lighting with turtle-compliant fixtures, and designing additional landscaping. Chen Moore and Associates is tasked to prepare the required DRC submittal, which will include all required public purpose approvals, as well as a conceptual layout of a new entrance at the southern end of the parking lot. This project is a joint effort between various City departments, including the City of Fort Lauderdale Beach Community Redevelopment Agency and Parking Services.



### Client, Client’s Representative, Client’s Address and Telephone Number

City of Fort Lauderdale  
 Earl Prizlee  
 100 N. Andrews Avenue  
 Fort Lauderdale, FL 33301  
 Phone: (954) 468-1517

### Key Personnel Involved in Design Phase Services

Peter Moore, P.E., LEED AP  
 Cristobal Betancourt, RLA

### Design Services Fee

\$198,780

### Estimate of Construction Cost

\$3.8 million

### Contract Award Amount

\$3.1 million

### Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number

MBR Construction, Inc.  
 Vilma Rodriguez  
 1020 NW 51 Street  
 Fort Lauderdale, FL 33309  
 Phone: (954) 486-8404

**The Waterfront G9, Dubai, United Arab Emirates**

Provided landscape architecture for a 725-acre urban mixed-use development in the Waterfront District of Dubai, United Arab Emirates. The project area includes six miles of urban streetscape, four miles of commercial and residential waterfront, and three major urban parks. Services include conceptual through final design plans for the project’s landscape, hardscape, irrigation, site furnishings, water features, architectural amenities, signage and lighting. This project was developed to achieve Gold LEED Certification. This project represents Mr. Betancourt’s and Mr. Bortak’s experience while with another firm.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Nakheel Properties  
client rep for this project is no longer with the company

**Key Personnel Involved in Design Phase Services**

Cristobal Betancourt, RLA  
Marc Stefan Bortak

**Design Services Fee**

\$2 million

**Estimate of Construction Cost**

Project was not constructed

**Contract Award Amount**

Project was not constructed

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

Project was not constructed

## Oceanfront Park, Boynton Beach, FL

Oceanfront Park is the only beach access point for the City of Boynton Beach. The existing park boardwalk and amenities needed to be updated due to the general degradation of the property. The project required permitting through the Town of Ocean Ridge Building Department, City of Boynton Beach Utilities Department, Florida Fish and Wildlife Commission, Palm Beach County Department of Environmental Resource Management, and the Florida Department of Environmental Protection for work east of the Coastal Construction Control Line (CCCL).



The resulting design of the park incorporated 1,000 feet of new boardwalk with dune crossovers, tension membrane shade structures, landscaping, dune plantings, rope and bollard beach access points, and site furnishings. The site was brought fully to compliance with the Americans with Disabilities Act. Mr. Betancourt served as the project manager for the project and was responsible for surveying, site planning, permitting, hardscape, landscape, irrigation, and construction administration. This project represents Mr. Betancourt's experience while with another firm.

### Client, Client's Representative, Client's Address and Telephone Number

City of Boynton Beach  
Wally Majors  
100 E. Boynton Beach Boulevard  
Boynton Beach, FL 33435  
Phone: (561) 742-6224

### Key Personnel Involved in Design Phase Services

Cristobal Betancourt, RLA  
Stefan Bortak

### Design Services Fee

\$220,000

### Estimate of Construction Cost

\$2.1 million

### Contract Award Amount

\$1.8 million

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

Palm Beach Marine Construction  
Cebrone Atkins  
1410 Forsythe Rd # A  
West Palm Beach, FL 33405  
Phone: (561) 588-7690

## **Section 24 Impoundment, Wellington, FL**

This 350-acre project includes provisions for wetland creation, flood attenuation, and stormwater retention. This project also includes elevated boardwalks and pedestrian and equestrian trails. Mr. Betancourt's team performed wetland delineation through the use of aerial interpretation and GPS field delineation. The firm also performed a mitigation analysis by assessing the existing wetlands using the Uniform Mitigation Assessment Method (UMAM) to determine the requirement for the proposed wetland impacts. The firm then prepared environmental permit applications for South Florida Water Management District (SFWMD) and US Army Corps of Engineers (USACE). Construction plans developed for this project include wetland and upland planting design, park amenity feature plans, and final construction documents. Mr. Betancourt served as the Project Manager for the firm providing landscape architecture and environmental resource permitting. He was responsible for the park master plan, construction documents, and construction administration. This project represents Mr. Betancourt's experience while with another firm.

### **Client, Client's Representative, Client's Address and Telephone Number**

Mock Roos  
Garry Gruber, P.E.  
5720 Corporate Way  
West Palm Beach, FL 33407  
Phone: (561) 683-3113

### **Key Personnel Involved in Design Phase Services**

Cristobal Betancourt, RLA

### **Design Services Fee**

\$220,000 (landscape and environmental design only)

### **Estimate of Construction Cost**

\$5 million (landscape and environmental)

### **Contract Award Amount**

\$15 million

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

H&J Contracting  
project rep is no longer with company  
3160 Fairlane Farms Road  
Wellington, FL 33414  
Phone: (561) 791-1953

## Sarasota National Cemetery, Sarasota, FL



With nearly one fifth of Florida's 1.9 million military-service veterans living within 75 miles of Sarasota, the U.S. Department of Veterans Affairs (VA) has designated a 300-acre site, comprised primarily of agricultural lands, to serve as the Sarasota National Cemetery. Mr. Bortak provided the necessary services for master planning and

design development for this new National Cemetery. The firm also performed surveying, permitting, construction document preparation and construction period services. The design documentation for the Phase 1 build-out covered approximately 100 acres of the site. Included as part of the design were environmental mitigation, main entrance area, assembly area, public information center, committal service shelters, full-casket grave sites containing pre-placed crypts, columbarium, cremains sites, roadways, irrigation, utilities, surveying, landscaping, administration building, maintenance building, and signage. This project represents Mr. Betancourt's and Mr. Bortak's experience while with another firm.

### **Client, Client's Representative, Client's Address and Telephone Number**

Sarasota National Cemetery  
Wesley Jones  
9810 State Road 72  
Sarasota, FL 34241  
(941) 922-7200

### **Key Personnel Involved in Design Phase Services**

Cristobal Betancourt, RLA  
Stefan Bortak

### **Design Services Fee**

\$1 million (landscape and master planning )

### **Estimate of Construction Cost**

\$25 million (landscape and hardscape only)

### **Contract Award Amount**

\$18 million (landscape and hardscape)

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

unavailable

## Sarasota National Cemetery Assembly Area, Sarasota, FL



Design services for an expanded Assembly Area at the Sarasota National Cemetery for the Department of Veteran's Administration and The Patterson Foundation. Typically, each National Cemetery has a space designated as the Assembly Area, a plaza space with a prominent American flag and a small paved area for public assembly. With The Patterson Foundation's generous donation to the Veteran's Administration, this new Assembly Area will now be the most lavish Assembly Area in the country to honor our veterans. The design's feature includes

areas for art and interpretive history of the US military, a covered amphitheater and an expansive rostrum area for speaking. This project represents Mr. Betancourt's and Mr. Bortak's experience while with another firm.

### Client, Client's Representative, Client's Address and Telephone Number

Patterson Foundation

Debra Jacobs

2 N. Tamiami Trail, Suite 206

Sarasota, FL 34236

Phone: (941) 952-1413

### Key Personnel Involved in Design Phase Services

Cristobal Betancourt, RLA

Marc Stefan Bortak

### Design Services Fee

\$50,000

### Estimate of Construction Cost

unavailable

### Contract Award Amount

unavailable

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

unavailable

## AECOM

### City of Key West Truman Annex Master Plan

The City of Key West acquired approximately 33 acres of the Truman Waterfront through a no-cost Economic Development Conveyance from the United States Navy. The City of Key West Comprehensive Plan and Land Development Regulations have been amended to allow regular development of the Property. The City of Key West Naval Properties Land Redevelopment Authority contracted with AECOM Transportation, AECOM Architecture, and Sasaki to consult with the City and residents of Key West in the preparation and implementation of a development plan for the property. The goal of the project is to make the Truman Waterfront a great community park for the people of Key West, taking advantage of its spectacular setting, its unique historical qualities, providing active and passive recreational uses, and cultural functions, while enhancing the qualities of its adjacent neighborhoods. The new master plan takes into consideration the site's military and naval history; the marine/boating educational opportunity; a 'park and ride' system to limit traffic impact; and the reuse of existing Navy structures for cultural or educational use.

Suggested park components include:

- Affordable Housing
- Assisted Living Facility
- Neighborhood Retail
- Amphitheater
- Culinary Institute
- Meeting/Convention Center
- Skills Center

#### Client, Client's Representative, Client's Address and Telephone Number

City of Key West  
Doug Bradshaw  
201 Williams Street P.O. Box 1409, Key West, FL 33041



#### Key Personnel Involved in Design Phase Services

Mike Kerwin  
Cyndi Harris  
Ethan Loubriel

#### Design Services Fee

\$237,000

#### Estimate of Construction Cost

N/A

#### Contract Award Amount

N/A

#### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A

## Museum Park Miami

Museum Park Miami is a 40-acre multi-function urban park located on the waterfront in downtown Miami. In addition to much needed active and passive recreational activities, the park will include two world class museums: the Miami Museum of Science & Planetarium and the Miami Art Museum. Park components include: recreational areas, public gardens, open green space, fountains and other water related features. Situated in the heart of downtown Miami and facing the world renowned Biscayne Bay, Museum Park will contribute significantly to the ongoing cultural renaissance within the City of Miami. Working under the Park Designer, Cooper Robertson & Partners of New York City, AECOM provided Engineering Services (Civil, Structural, and Mechanical / Electrical / Plumbing) as well as functioning as a local liaison for planning support issues.

### Client, Client's Representative, Client's Address and Telephone Number

City of Miami  
Pete Hernandez, PE. City Manager (retired)  
(305) 322-6314

### Key Personnel Involved in Design Phase Services

Mike Kerwin, AIA  
Roberto Lage, PE

### Design Services Fee

\$150,000

### Estimate of Construction Cost

\$22,500,000

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Al Jazayer Beach Masterplan - Environmental Assessment

On the site of the former WNYC radio station and a ferry terminal, the proposed design will be one of the first new parks on the Greenpoint waterfront. The current conceptual scheme incorporates community suggestions and comments from several conceptual design plans presented to the community in April and June of 2005. AECOM provided Ithmaar Bank, an important investment bank and developer, with an overall coastal master plan for a new beach tourism and residential development that is positioned to have a significant impact on Bahrain's southwestern coast. The development, Al Jazayer Beach, will be the country's largest public beach. It integrates an existing 200-hectare waterfront with new artificial islands to compliment the site's existing typology. Hotels, retail outlets, private residences and public attractions are the key components of the development. As part of the master plan, the AECOM team conducted a comprehensive environmental study encompassing baseline review, opportunities and constraints analysis, water resources assessment, hydrodynamics modeling, and sustainable design guidelines establishment. The outcomes of the environmental analyses offer a technical validation of the waterfront development layout. AECOM demonstrated a successful collaboration with both public and private sector interests to ensure a balance between development and resource conservation.

### Client, Client's Representative, Client's Address and Telephone Number

New York City Economic Development Corporation (NYCEDC)  
Sandra Tomas  
110 William Street, 6th Fl.  
New York, NY 10038  
(212) 312-3745

### Key Personnel Involved in Design Phase Services

Donna Walcavage

### Design Services Fee

\$400,000

### Estimate of Construction Cost

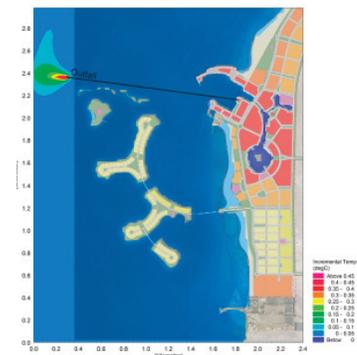
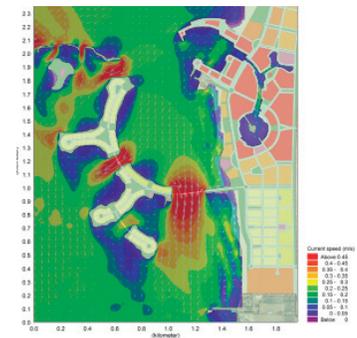
N/A – Master Plan

### Contract Award Amount

\$400,000

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A – Master Plan



## Centennial Olympic Park

Hosting the 1996 Centennial Olympic Games ignited in the City of Atlanta a spirit of urban renewal and civic pride that produced a legacy: Centennial Olympic Park. During the Games, the 21-acre park served as the city's central festival space, visited by an estimated 5.5 million people. Additional, post-Olympic construction transformed the space into the nation's first urban state park. Located at the eastern gateway to the Georgia World Congress Center/ Georgia Dome complex, the park links convention facilities to the city's lively hotel and market district. Allegorically, Centennial Olympic Park imprints a "landscape quilt" into the fabric of city streets to convey the cultural heritage of the American South and Atlanta's reputation as the City of Trees. The existing street pattern is woven into the park plan, creating destination-bound pedestrian promenades. Distinctive design features include the five-acre Centennial Plaza with its centerpiece Olympic Ring Fountain, a 1,200-seat natural amphitheater, a meandering multi-level water basin, eight 65-foot-tall light towers, and more than 500,000 engraved commemorative brick pavers. We also designed a memorial quilt plaza to recognize those whose lives were forever altered by the tragic explosion during the Games.



### Client, Client's Representative, Client's Address and Telephone Number

N/A

### Key Personnel Involved in Design Phase Services

Garren Owens, ASLA

George Puig, RLA

McDuffie Nichols

Jose Lara, P.E., LEED AP

Lawrence Kline

Michael Kerwin, AIA

Ronald Hunt, P.E., LEED AP

Jay R. Hood, ASLA

Chris Corr

Dennis Carmichael, FASLA, LEED AP

David L. Barth, ASLA, AICP, CPRP

Ovidio Rodriguez, P.E., LEED AP

### Design Services Fee

N/A

### Estimate of Construction Cost

N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Chatham Centre and Waterfront Public Realm Strategy

In May 2006, Medway Council and the Medway Renaissance Partnership commissioned AECOM to produce a public realm strategy for Chatham. The project follows ongoing work for the Chatham Centre and Waterfront Masterplan and Development projects we produced. Key aims of the strategy include: Developing the opportunities presented by Chatham's unique urban and landscape character, following identification of at least existing six character areas in Chatham;

- Improving links between waterfront, town centre, railway and surrounding parks by dramatically enhancing the existing public realm;
- Strengthening east-west connections across the town centre to reconnect existing fragmented components and improve movement across Chatham; and
- Providing lighting and active ground floor leisure facilities, including active frontages in the Pentagon Centre, and an investment framework.

The strategy offers the opportunity to create a legible, accessible and inclusive public realm. With the growth of new events and the involvement of local stakeholders, the strategy will provide enduring benefit via locally based management of public realm improvement projects in Chatham.

### Client, Client's Representative, Client's Address and Telephone Number

Medway Council/Medway Renaissance Partnership  
Colin Lovell  
Medway Council  
Compass Centre  
Chatham Maritime  
Kent, ME4 4YH  
01633 331054

### Key Personnel Involved in Design Phase Services

Vaughan Anderson

### Design Services Fee

£38,000

### Estimate of Construction Cost

N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A

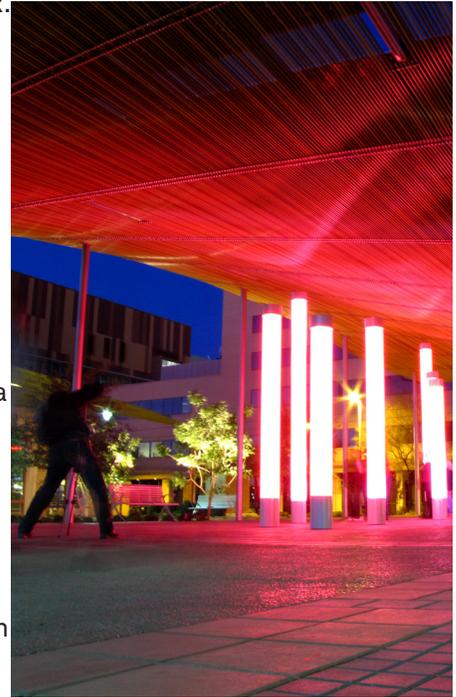


## Phoenix Downtown Civic Space

Civic Space Park is a unique and innovative addition to downtown Phoenix. Weaving together an urban oasis with the downtown fabric, it is distinguished by elements that are versatile and forward-thinking. Public and private, past and future, art and engineering; are all integrated into the design, which reflects a commitment to public engagement, sustainability, and community. The partnership of city, community, and designers created a vibrant and iconic destination at the city's heart.

The park offers residents, workers, students, and visitors a compelling experience of urban design, green space, shade structures, interactive LED lighting columns and water features, public art—and a lesson in sustainable design. This civic space is unique because it weaves together contextual elements from a variety of user groups, including visitors and neighborhood residents. The location of the park is also central to Arizona State University's downtown campus, with a focus on pedestrian passages, bus routes, and light rail connections. Directly adjacent to the Downtown Central Station, the park blends public realm with mass transit. The park sits between the north and south lines of the new Valley Metro Light Rail and, as a part of the park design, created a mid-block crossing from the Taylor Street pedestrian corridor.

The final construction of the space was completed nine months ago which has provided an excellent amount of time to receive feedback from the residents and visitors of the park. Along with numerous articles of praise and awards, the city has received incredibly positive feedback from the public. Civic Space Park has achieved one of its main goals of being flexible enough to fit the needs of the multitude of user groups, while still providing a distinct design with unique and iconic elements to a growing metropolis.



### Client, Client's Representative, Client's Address and Telephone Number

N/A

### Key Personnel Involved in Design Phase Services

Garren Owens, ASLA

George Puig, RLA

McDuffie Nichols

Jose Lara, P.E., LEED AP

Lawrence Kline

Michael Kerwin, AIA

Ronald Hunt, P.E., LEED AP

Jay R. Hood, ASLA

Chris Corr

Dennis Carmichael, FASLA, LEED AP

David L. Barth, ASLA, AICP, CPRP

Ovidio Rodriguez, P.E., LEED AP

### Design Services Fee

N/A

### Estimate of Construction Cost

N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## City of Miami Beach Wayfinding Signage Project

Miami Beach's flair has extended beyond the architectural facades and the pastel colors that made it famous. The city planning department embarked on an ambitious plan to replace the city's signs—formerly plain green and white boards, the standard-issue highway variety—with a coordinated system that reflects the colors and images that lead tourists and residents alike to consider Miami Beach a visual mecca. AECOM, working with The Hillier Group, was given the task of designing a more user-friendly wayfinding signage system to inform visitors while eliminating some of the sign clutter. Replacing the old, confusing signage with clear, high-style designs will create a positive image and a consistency as visitors drive through Miami Beach. Bold blue and green hues, design elements of Art Deco and Miami Modern (MiMo) architecture, and fluid ocean forms are all pieces of the city's cultural and visual puzzle that designers are working to distill into the signs that will guide residents and visitors through the city. The system will provide a comprehensive network of signs indicating city gateways, pedestrian paths, parking options, neighborhood entrances, and directions for vehicles.



### Client, Client's Representative, Client's Address and Telephone Number

City of Miami Beach  
Joyce Meyers  
1700 Convention Center Drive  
Miami Beach, FL 33139  
(305) 673-7000

### Key Personnel Involved in Design Phase Services

Cesar Garcia-Pons

### Design Services Fee

\$67,000

### Estimate of Construction Cost

N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Daytona Beach Entertainment District

As part of a multi-disciplinary team, EAECOM prepared preliminary development programs, strategic plan and schematic entertainment district plans to illustrate the opportunities for redevelopment and community revitalization. The entertainment district plans expanded upon the City's existing Main Street Redevelopment Area to incorporate planned and future infrastructure improvements and to capitalize on a series of beneficial land use relationships between the established commercial and residential districts. Daytona Beach's annual visitation exceeds eight million people, but tourism comes in concentrated peak periods associated with a variety of special events including Bike Week, Speed Week, and Spring Break. The purpose of the feasibility studies was to establish districts, program and other events and plan entertainment amenities which would appeal to a broader cross-section of visitors, including those seeking a quality family-oriented beach environment. The entertainment district plans delineate a series of special districts focusing on preferred land uses and future development. The special districts include: Ocean Front Redevelopment; Ocean Center Redevelopment Opportunities; Main Street Renovation and Redevelopment along Main Street; Halifax Riverfront Redevelopment along the Intracoastal Waterway; and Neighborhood Preservation and Revitalization to ensure compatibility with in-town neighborhoods. In addition, the plans also define a public park, open space and streetscape improvements strategy as an overlay to the entertainment district. AECOM's strategic plans provided the framework for Daytona Beach to reclaim the title "World's Most Famous Beach."

### Client, Client's Representative, Client's Address and Telephone Number

N/A

### Key Personnel Involved in Design Phase Services

Garren Owens, ASLA

George Puig, RLA

McDuffie Nichols

Jose Lara, P.E., LEED AP

Lawrence Kline

Michael Kerwin, AIA

Ronald Hunt, P.E., LEED AP

Jay R. Hood, ASLA

Chris Corr

Dennis Carmichael, FASLA, LEED AP

David L. Barth, ASLA, AICP, CPRP

Ovidio Rodriguez, P.E., LEED AP

### Design Services Fee

N/A

### Estimate of Construction Cost

N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A





## Kings Waterfront Masterplan

As a key feature of Liverpool's 2008 European Capital of Culture celebrations, a 15-hectare swathe of derelict former docks has been transformed into a prime waterside district that features the 10,000-seat Echo Arena. This venue hosted *The Musical*, a song-and-dance spectacular that was one of the festival's opening events. Working for regeneration agency Liverpool Vision, AECOM prepared a masterplan that reflects the grandeur, history, location and large scale of this neglected but important site. Close to the city centre and south of Pier Head and Albert Dock (the core of the UNESCO World Heritage Site), Kings Waterfront is a high-quality, mixed-use scheme. Along with the Echo Arena and the BT Convention Centre (both designed by Wilkinson Eyre Architects), the site includes hotels, residential and retail units. The scheme forms the largest recent development along the city's worldfamous Mersey riverfront, which attracts millions of visitors every year. Our masterplan established a framework of buildings and new public spaces, including a landmark waterside promenade. The 500-metre long, contemporary-style walkway incorporates unusual stripy-patterned paving and sculptural seating. Taking inspiration from the mooring bollards found on the docks, the seating design has a secondary purpose: ensuring that vehicles are kept away from the water's edge. The new promenade has been key to the revitalisation of the area, making it an inviting place for people to visit and enjoy magnificent views. It provides a physical link with the city to the north and has an important role to play in providing a strong and instantly recognisable identity for the Kings Waterfront scheme.



### Client, Client's Representative, Client's Address and Telephone Number

Liverpool Vision  
Dennis Brant  
Liverpool Vision  
The Observatory  
One Old Haymarket  
Liverpool, L1 6EN  
0151 707 8007

### Key Personnel Involved in Design Phase Services

Tom Smith

### Design Services Fee

£200,000 fee for both masterplan and landscape

### Estimate of Construction Cost

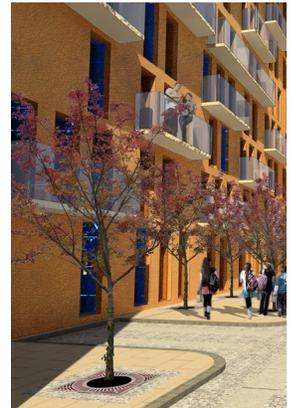
£350 million

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Kings Waterfront Public Realm

As part of Liverpool's European Capital of Culture celebrations, a prime waterside district with new links to the city centre and Pier Head has been created on a 15-hectare swathe of formerly derelict docks. The scheme features the 10,000-seat Echo Arena and a new conference and exhibition centre by architect Wilkinson Eyre. AECOM completed the masterplan along with detailed design and construction of the public realm. A highlight of the dock's transformation is the landmark Merseyside promenade. The 500-metre long, contemporary-style walkway incorporates sculptural seating and eye-catching two-tone paving in an irregular stripy pattern. The barcode-style stripes of the paving relate to the positions of buildings and open space along the water's edge. Broader paving bands with more seating are located close to buildings, while reduced seating near pocket parks encourages people to enjoy views at the water's edge. Taking inspiration from the forms of mooring bollards found on the docks, the seating design also ensures that vehicles are kept away from the water's edge. Refined using 3D modelling, the sculptural forms have been created as a family of shapes and sizes and are grouped together in a variety of configurations. The new promenade has been key to the revitalisation of the area, providing a strong and instantly recognisable identity for the Kings Waterfront scheme.



### Client, Client's Representative, Client's Address and Telephone Number

Liverpool Vision  
Dennis Brant  
Liverpool Vision  
The Observatory  
One Old Haymarket  
Liverpool, L1 6EN  
0151 707 8007

### Key Personnel Involved in Design Phase Services

Tom Smith

### Design Services Fee

£200,000 fee for both masterplan and landscape

### Estimate of Construction Cost

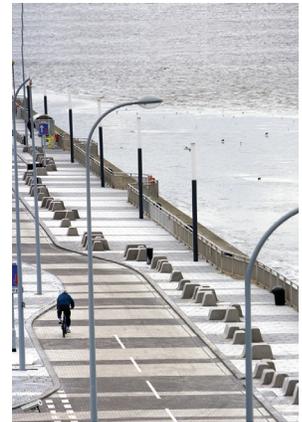
£350 million

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A





## Miami Circle

These services were provided by AECOM professionals during their employment with Glatting Jackson Kercher Anglin, Inc.

Discovered in 1998, the Miami Circle at Brickell Point is a nationally significant archaeological site located at the mouth of the Miami River in downtown Miami. Archaeological excavations at the site uncovered components of the primary village of the Tequesta, one of the first Native North American groups encountered by Juan Ponce de Leon in 1513. In January 2009, the Miami Circle was designated a National Historic Landmark by the U.S. Department of the Interior. Glatting Jackson was selected by the Historical Museum of Southern Florida to implement planning and design efforts at the Miami Circle. Plans include recreational and educational opportunities in an urban park setting for local residents, tourists and those interested in the Circle's spiritual associations. Visitors will have access to the site which will feature native plantings, interpretive panels, benches and regularly scheduled guided tours.

### Client, Client's Representative, Client's Address and Telephone Number

History Miami  
Robert McCammon  
101 West Flagler Street Miami, FL 33130  
(305) 375-1492

### Key Personnel Involved in Design Phase Services

Bruce Hall  
Mike Sobczak  
David Barth

### Design Services Fee

\$288,474

### Estimate of Construction Cost

\$1.5 million

### Contract Award Amount

\$288,474

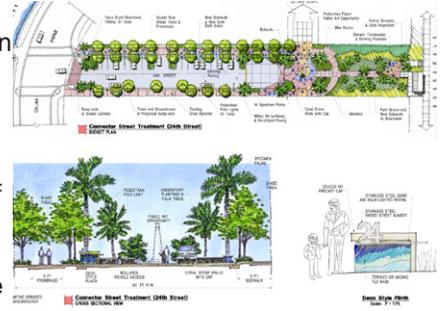
### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

Zurqui Construction Services  
Carolina Castrillon  
9755 S.W. 40 Terrace  
Miami, Florida 33165 (305) 221-6100



## Oceanfront Neighborhood Urban Design and Streetscape Improvements

AECOM prepared urban design and streetscape plans for most of the recently designated National Register Collins Waterfront Historic District on Miami Beach. This project area includes many historic MiMO landmarks, such as the Fontainebleau and Eden Roc Hotels designed by Morris Lapidus. The Oceanfront neighborhood project includes improvements to the City owned public right-of-ways and several “greenway” locations between the Atlantic Ocean and Indian Creek. The streetscape enhancements consist of new planting (such as native grasses, dune vegetation, specimen palms, and shade trees); new sidewalks; a bikeway; street furniture; new curbs; bollards and benches; a pedestrian plaza with specialty paving, coral stone feature walls, showers, foot washers, and drinking fountains; and milled and resurfaced street pavement, as well as pedestrian-scale lighting. Traffic calming and pedestrian safety measures, such as landscaped “bump-outs” at street corners and specialty crosswalks at intersections, were also implemented.



### Client, Client’s Representative, Client’s Address and Telephone Number

City of Miami Beach  
Aurelio Carmenates  
1700 Convention Center Drive  
Miami Beach, FL 33139  
(305) 673-7000

### Key Personnel Involved in Design Phase Services

Garren Owens, ASLA  
George Puig

### Design Services Fee

\$873,000

### Estimate of Construction Cost

\$4.6 million

### Contract Award Amount

\$3.4 million

### Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number

TRAN Construction  
David Clendenon  
1000 NW 54 Street  
Miami, FL 33127  
(305) 756-7756



## Parc Diagonal Mar

Diagonal Mar, a retail and residential complex centered on a public park, completes Barcelona's urban beachfront revitalization begun in 1989 for the Summer Olympic Games. Working with Robert A.M. Stern Architects and Spanish architect Enric Miralles, we developed a master plan for the entire development. Providing a gateway to the sea for locals and visitors, Parc Diagonal Mar features play areas, lakes, a waterfall, an outdoor café, a fountain and viewing mounds, all linked by paths that lead to the beach. The park is conceived as an abstract tapestry in plan view, and is enjoyed from above by high-rise residents. Ecology played a meaningful role in the park's design. Porous pavements minimize stormwater runoff. The use of native plant materials allows for reduced irrigation and pesticide use. A regional retention pond and sections of shoreline edged with aquatic plants provide first flush cleansing of storm water, as well as a habitat for indigenous marine and bird species. Phase One construction, which included Parc Diagonal Mar, was finished in December 2001, with final buildout to be completed in 2008.



### Client, Client's Representative, Client's Address and Telephone Number

N/A

### Key Personnel Involved in Design Phase Services

Garren Owens, ASLA

George Puig, RLA

McDuffie Nichols

Jose Lara, P.E., LEED AP

Lawrence Kline

Michael Kerwin, AIA

Ronald Hunt, P.E., LEED AP

Jay R. Hood, ASLA

Chris Corr

Dennis Carmichael, FASLA, LEED AP

David L. Barth, ASLA, AICP, CPRP

Ovidio Rodriguez, P.E., LEED AP

### Design Services Fee

N/A

### Estimate of Construction Cost

N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Los Angeles Waterfront

The Los Angeles Waterfront development project is a long-term plan to develop 400 acres of Port property along the seven-mile stretch of waterfront from the Vincent Thomas Bridge to the Federal Breakwater in San Pedro, offering promenade, parks, retail and commercial spaces. Designed to bring the community closer to the water and triple the amount of existing open space, this exciting development has already dramatically changed the appearance and attractions of the Port of Los Angeles' working waterfront. The entire development area is divided into six districts that focus on individual uses and traits, with incremental development along each portion of the waterfront.

The December 2004 grand opening of the Cruise Ship Promenade completed the first phase of development along the large-scale San Pedro waterfront, adding the newest waterfront open space at the Port of Los Angeles. The Cruise Ship Promenade plays a key role in the larger "Bridge to Breakwater" vision for the Port of Los Angeles, marking the first phase of transformation envisioned for the Los Angeles Waterfront. We provided planning, design administration, construction documentation, construction supervision, public involvement, and documentation services for this phase of the project. A balance of objectives between the working harbor, the community's desire to be on the water and the demand for security of port facilities are a few of the issues that faced the design team throughout an extensive year-long public design process. The project has already been the catalyst for new investment and revitalization of adjacent neighborhoods.

Opening in November of 2005 and marking the second phase of transformation envisioned for the Los Angeles Waterfront, the Harbor Boulevard Parkway forms a multi-use recreational green corridor for the city. The parkway establishes a mile-long north-south connection between downtown San Pedro and the new Cruise Ship Promenade and Gateway Plaza. The plazas and pedestrian corridor will also serve as event spaces throughout the year for community and regional events.

The Gateway Plaza and Fountain is the most recent stand-alone phase of a long-term plan to transform 400 acres of industrial Port of Los Angeles property along a seven-mile stretch of waterfront into public open space. Designed to reconnect the community with its waterfront, improve environmental quality and create new economic opportunities, the LA Waterfront Regeneration project has already dramatically changed the appearance of the Port's working waterfront and spawned new development in the town.

AECOM is currently designing and documenting future segments of the waterfront in various phases of construction and design.

Awards:

- Los Angeles Architectural Award, Fanfare Fountain landscape architecture, Los Angeles Business Council, 2010
- Honor Award, Gateway Fountain + Plaza, ASLA Northern California Chapter, 2010
- Honor Award, Waterfront Center, 2009
- Honor Award, Harbor Boulevard Parkway, ASLA Northern California Chapter, 2006
- Honor Award, Cruise Ship Promenade, ASLA Northern California Chapter, 2005

### Client, Client's Representative, Client's Address and Telephone Number

Port of Los Angeles  
Salvador Zambrano  
425 S. Palos Verdes Street  
San Pedro, CA 90731  
(310) 732-3654

### Key Personnel Involved in Design Phase Services

Steve Hanson  
Aki Omi  
Alma DuSolier

### Design Services Fee

N/A

**Estimate of Construction Cost**

Cost of Construction: \$100,000,000.00

Cruise Ship Construction only: \$12M

Harbor Boulevard Construction: \$14M

Cruise Ship Design + Planning Cost: \$4,000,000

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

N/A



# Star, Palm and Hibiscus Islands Neighborhood Master Plan and Streetscape Improvements

Midway between the cities of Miami and Miami Beach and just off the MacArthur Causeway are Star, Palm, and Hibiscus Islands of Miami Beach. Created in the early 1920's with sand dredged from the bottom of Biscayne Bay, the islands boast unobstructed views of Miami Beach, downtown Miami, and the Port of Miami. Working with the City, an active homeowners association, and the residents at several public meetings, AECOM prepared urban design, streetscape, and other urban infrastructure plans for the Islands. The following is a representative sample of common recommendations taken from those charrettes, meetings and workshops:



- Improve the landscaping in common areas.
- Introduce traffic calming measures.
- Provide stormwater improvements throughout each of the three Islands.
- Provide additional, uniform street lighting consistent with the surrounding Islands.
- Look at drainage problem areas for improvements throughout each Island.



## Client, Client's Representative, Client's Address and Telephone Number

City of Miami Beach  
 1700 Convention Center Drive  
 Miami Beach, FL 33139  
 (305) 673-7000

## Key Personnel Involved in Design Phase Services

Garren Owens, ASLA

## Design Services Fee

\$25,000

## Estimate of Construction Cost

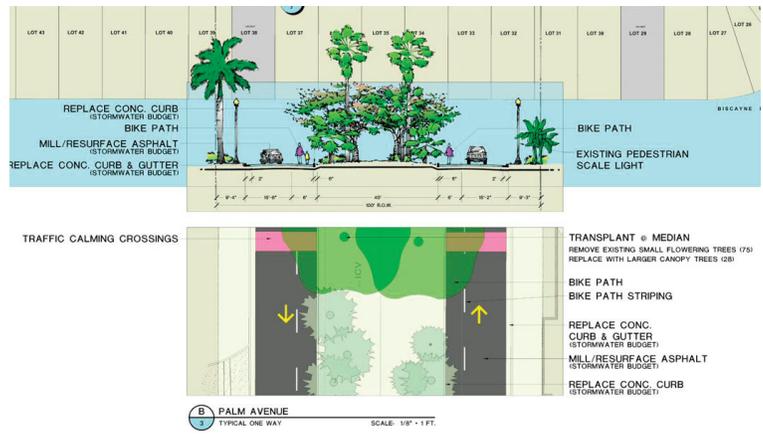
N/A

## Contract Award Amount

N/A

## Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Tampa Downtown Riverwalk

After a competition involving 12 firms, AECOM won the contract to design and implement a comprehensive masterplan for the City of Tampa's downtown Riverwalk. The Riverwalk extends 2.5 miles along Tampa's Hillsborough River and Garrison Channel. It will link neighborhoods, cultural and civic facilities, and attractions via a multipurpose walkway that utilizes public art, interpretive elements, and dynamic design features to create a signature public amenity for the city. Through a comprehensive public process, we combined the client's vision with those of the citizens of Tampa and business and civic groups. The resulting masterplan showcases the environmental characteristics of the river and connects the Channelside, Gateway, Downtown, Cultural, and Waterworks districts along the Riverwalk. Public art is a large component of the design, as are unique walkways over the river. Incorporating waterfront cafés, interactive fountains, and boat launches, the plan will transform an underused sidewalk into a vibrant promenade that promises to fully recognize the natural resource Tampa has in the Hillsborough River. Ultimately, the project aims to become Tampa's premier public space, and to provide a catalyst for economic growth.



### Client, Client's Representative, Client's Address and Telephone Number

City of Tampa  
Lee Hoffman  
306 East Jackson Street  
Tampa, FL 33602  
(813) 274-8903

### Key Personnel Involved in Design Phase Services

Garren Owens, ASLA

### Design Services Fee

\$1.9 million

### Estimate of Construction Cost

\$10 million

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Wharf District Park

The Central Artery Tunnel project is one of the most expensive public works programs in US history. Of the 250 acres of new parks and open space accompanying it, three new downtown parks will take shape along a 30-acre linear path. At four acres, Wharf District Park is the largest, occupying a key part of downtown Boston between Quincy Market and the New England Aquarium. The design concept seeks to reveal the unique attribute of the site: it was once under water and part of the harbor. As Boston grew, wharves were extended into the surrounding harbor and then, over time, backfilled creating dozens of acres of man-made land. The plan for Wharf District Park uses granite pavers to mark the line and extent of wharves, five in all, as they formerly coursed through the park area. These granite areas serve as walkways, plazas, and fountains for park users. The wharves mark the east/west paths through the park. The north/south paths are distinct from each other. One is on the cityside, treated as a formal tree-lined promenade for social gatherings, festivals and markets. The other is on the harbor-side, treated as an informal garden replete with native plants, grasses, and perennials. Taken together, these narrative strategies epitomize the qualities of place both historically and geographically.



Awards: Honor Award, American Society of Landscape Architects Potomac/Maryland Chapter, 2008

### Client, Client's Representative, Client's Address and Telephone Number

Massachusetts Turnpike Authority  
Fred Yalouris  
86 Pryor Street, #200  
Atlanta, GA 30303  
(404) 614-8329

### Key Personnel Involved in Design Phase Services

Dennis Carmichael, FASLA, LEED AP

### Design Services Fee

\$915,000

### Estimate of Construction Cost

\$12 million

### Contract Award Amount

\$915,000



### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

Jay Cashman, Inc.  
Jay Cashman  
20 West Howell Street  
Dorchester, MA 02115  
(617) 287-1600

## WNYC Transmitter Park

On the site of the former WNYC radio station and a ferry terminal, the proposed design will be one of the first new parks on the Greenpoint waterfront. The current conceptual scheme incorporates community suggestions and comments from several conceptual design plans presented to the community in April and June of 2005. At the end of Kent Street is a multi-tiered pier. An esplanade overhanging the water to the north and a path in the park to the south connect with future esplanades beyond. Generous views of the Manhattan skyline are visible from the pier and esplanade. The pier consists of pods and connecting bridges with educational floating wetland islands between sections. The former WNYC radio broadcasting building is converted into a café. Terraces retain a planted slope at the edge of the esplanade and can be used for seating. At the water's edge, the former relieving platform is entirely removed and replaced with a rip-rap slope with impounded wetlands. A pedestrian bridge crosses an excavated historic ferry slip restored as a wetland and accessible by steps. A large open lawn defines the central space of the park. The lawn slopes up to a lush bird garden and children's play area at the eastern side of the park.

### Client, Client's Representative, Client's Address and Telephone Number

New York City Economic Development Corporation (NYCEDC)  
Brian Larsen  
110 William St., 6th Floor  
New York, NY 10038  
(212) 614-5000

### Key Personnel Involved in Design Phase Services

Donna Walcavage

### Design Services Fee

\$800,000

### Estimate of Construction Cost

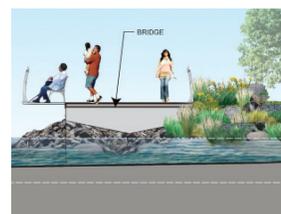
\$7 million

### Contract Award Amount

\$1 million

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

Phoenix Marine  
449 Washington Road  
Sayreville, NJ 08872



## Open Space Plan for the Greenpoint Williamsburg Waterfront

The rezoned East River Waterfront in Brooklyn's hottest neighborhoods will be undergoing many changes over the next few years. Along with the private development of former industrial sites, there will be public waterfront access along a 1.5 mile stretch, creating 54 acres of publicly accessible open space.

The green band mandated in the new zoning will be designed and built by private developers and public agencies. As part of the City's commitment to the community, the team established a masterplan and developed design guidelines to unify the multiple parcels into a park. The plan establishes elements that can be maintained by the Department of Parks & Recreation, withstand the wear and tear of public use, grace the site with high quality aesthetics, and meet the City's sustainability standards.



The design and planning process required extensive public outreach and collaboration with the local community, a group which has been very active in voicing its support for increasing access to the waterfront. While the New York City Economic Development Corporation (NYCEDC) managed the project, the New York City Department of Parks & Recreation (DPR) and the Department of City Planning (DCP) were partners in this effort and involved in all decision-making as members of the client team.

The resulting open space masterplan provides incredible views of the Manhattan skyline and the grand expanse of the tidal estuary.

### Client, Client's Representative, Client's Address and Telephone Number

New York City Economic Development Corporation (NYCEDC)  
Sandra Tomas  
110 William Street, 6th Fl.  
New York, NY 10038  
(212) 312-3745

### Key Personnel Involved in Design Phase Services

Donna Walcavage

### Design Services Fee

\$400,000

### Estimate of Construction Cost

N/A

### Contract Award Amount

\$400,000

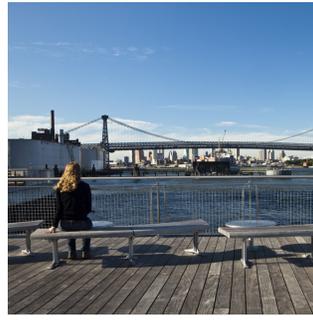
### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



## Northside Piers and Green Roof

In collaboration with the design team that included FXFowle and Langan Engineering, AECOM developed an exemplary site design that accommodates public waterfront access within the context of a mixed-use residential project on the East River. The design, which includes a public pier and esplanade, was one of the first new projects within the formerly industrial waterfront to be designed and constructed under a 2005 zoning amendment. The residential complex includes affordable housing and luxury condominiums and connects pedestrian access on adjacent urban streetscapes to the waterfront. In addition to the publicly accessible portions of the project, AECOM was responsible for designing the private entrance areas and a green-roof garden for residents.



### Client, Client's Representative, Client's Address and Telephone Number

RD Management, LLC/L&M Equity Participants  
Shirley Jaffe (Formerly with RD Management, Currently with NYU Medical)  
339 East 28th Street  
New York, NY 10016  
(212) 263-4937

### Key Personnel Involved in Design Phase Services

Donna Walcavage

### Design Services Fee

\$200,000

### Estimate of Construction Cost

\$1.8 million

### Contract Award Amount

\$200,000

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A – Developer acted as prime



**RMPK Funding**  
**Anchorage Park**

RMPK assisted with the following grants:

2005	Urban and Community Forestry Grant	\$45,450
2006	Land and Water Conservation Fund	\$200,000
2006	Florida Recreation Development Assistance Program, Phase 1	\$200,000
2006	Florida Recreation Development Assistance Program, Phase 2	\$200,000
2007	Recreational Trails Program	\$200,000
2007	Legislative Line Item	\$400,000
2007	Transportation Enhancement Grant	\$500,000
2007	Florida Inland Navigation District Grant	\$200,000
Total		\$1,945,450

**Total Phase 1 Project Cost: \$2,560,600**

**Total Match Requirement \$815,150**

**Grant funding will provide more than 75% of the project costs for Phase 1.**

**Client, Client’s Representative, Client’s Address and Telephone Number**

Village of North Palm Beach  
 Mark Hodgkins  
 Recreation Director  
 Village of North Palm Beach  
 501 U. S. Hwy #1  
 North Palm Beach, FL 33408  
 (561) 841-3384



**ANCHORAGE PARK**



**Key Personnel Involved in Design Phase Services**

Ryan Ruskay

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

## **Nutting Engineers**

### **Gulfstream Park Development 901 S. Federal Highway Hallandale, Florida**

Nutting Engineers (NE) performed geotechnical engineering, construction materials testing and inspection services for the improvements of the existing racetrack facilities. The project included the demolition of the old clubhouse and the construction of a new ~450,000 SF three-story clubhouse, new stables and living quarters, a four-story parking structure, multiple retail buildings, parking areas, mast arms, bus shelters and associated infrastructures.

#### **Client, Client's Representative, Client's Address and Telephone Number**

MEC Development  
Mr. Jan Hanson  
285 West Huntington Drive  
Arcadia, California 91007  
(954) 457-6100



#### **Key Personnel Involved in Design Phase Services**

Richard Wohlfarth, P.E.  
Paul Catledge, PE

#### **Design Services Fee**

Multiple Phases Ongoing \$200,000 to date (geotechnical engineering services)

#### **Estimate of Construction Cost**

\$450,000,000

#### **Contract Award Amount**

\$200,000 to date

#### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

Forest City Community Construction Co., Inc.  
Terminal Tower  
50 Public Square, Suite 1005  
Cleveland, Ohio 44113  
Mr. Gerald Stary, V.P.,  
(216) 416-3658

**Edgar P. Mills – Multi Purpose Center and Parking Garage Martin Luther King Boulevard and Sunrise Boulevard Fort Lauderdale, Florida**

Nutting Engineers (NE) performed construction materials testing and threshold inspection services including the pile installation monitoring and roof pull up testing for the new multipurpose center, the threestory 57,000 SF office building and the threelevel 77,000 SF parking garage.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Singer Architects  
Mr. Roger Lebida, AIA  
915 Middle River Drive, Suite 404  
Fort Lauderdale, Florida 33304  
(954) 537-9136

**Key Personnel Involved in Design Phase Services**

Richard Wohlfarth, P.E.  
Paul Catledge, PE

**Design Services Fee**

\$73,500 (geotechnical engineering services)

**Estimate of Construction Cost**

\$20,300,000

**Contract Award Amount**

\$73,500



**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

Seawood Builders  
Mr. Tim McCarthy  
565 East Hillsboro Boulevard  
Deerfield Beach, Florida 33441

**West Atlantic Avenue Beautification Project Between 1st Avenue and 12th Avenue Delray Beach, Florida**

Nutting Engineers (NE) performed geotechnical engineering and construction materials testing services. The project included new piping, paver brick/pacer sidewalks, decorative street lamps, landscaping, curb extensions, widening of sidewalks and the installation of multiple new mast arms at signalized intersections.

**Client, Client’s Representative, Client’s Address and Telephone Number**

City of Delray Beach Engineering Department  
Mr. Rafael Ballesterro  
434 South Swinton Avenue  
Delray Beach, Florida 33444  
(561) 243-7920

**Key Personnel Involved in Design Phase Services**

Richard Wohlfarth, P.E.  
Paul Catledge, PE

**Design Services Fee**

\$4,000 (geotechnical engineering services)

**Estimate of Construction Cost**

\$3,800,000

**Contract Award Amount**

\$4,000

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A



**Vizcaya Museum and Gardens 3251 South Miami Avenue Miami, Florida**

Nutting Engineers (NE) performed geotechnical engineering and construction materials testing services for the construction of a new one-story restroom facility and two concrete structures used for housing pumps and a dumpster enclosure.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Trigram, GC  
Mr. John Harris  
6358 Manor Lane  
Miami, Florida 33148  
(786) 402-7285

**Key Personnel Involved in Design Phase Services**

Richard Wohlfarth, P.E.  
Paul Catledge, PE

**Design Services Fee**

\$6,000 (geotechnical engineering services)

**Estimate of Construction Cost**

\$750,000

**Contract Award Amount**

\$6,000

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A



**Reece & White Land Surveying, Inc.**

**Howell Key Development**

Mean high water and hydrographic survey with detailed mapping of the existing basin and the dredged access channel. Within the basin and dredged channel, data points were obtained at sediment surface and to refusal to estimate extent of dredging.

**Client, Client’s Representative, Client’s Address and Telephone Number**

N/A

**Key Personnel Involved in Design Phase Services**

Joe White  
John Mucci  
Robert Reece

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**Sunset Harbor Trailer Park**

Hydrographic survey of the north basin area. Elevations taken at top of substrate (silt) on a 10-15 foot grid. Elevation data referenced to Mean Low Water.

**Client, Client’s Representative, Client’s Address and Telephone Number**

N/A

**Key Personnel Involved in Design Phase Services**

Joe White  
John Mucci  
Robert Reece

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**Boathouse Row Restoration**

Hydrographic and Topographic Survey.

**Client, Client’s Representative, Client’s Address and Telephone Number**

N/A

**Key Personnel Involved in Design Phase Services**

Joe White

John Mucci

Robert Reece

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

## **Caroline Street Topography**

Extensive and detailed topographical survey of several blocks of Caroline Street in the City of Key West.

### **Client, Client's Representative, Client's Address and Telephone Number**

N/A

### **Key Personnel Involved in Design Phase Services**

Joe White

John Mucci

Robert Reece

### **Design Services Fee**

N/A

### **Estimate of Construction Cost**

N/A

### **Contract Award Amount**

N/A

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

N/A

**RMPK**

**Belle Glade, Torry Island Nature Park**

RMPK assisted with the following grants:

Four-Year Funding Period		
Land Development		
2002	Land and Water Conservation Fund	\$200,000
2003	Florida Recreation Development Assistance Program	\$ 200,000
2003	Land and Water Conservation Fund	\$ 200,000
2003	Exotic Vegetation Program	\$ 50,000
2003	Recreational Trails Program	\$ 250,000
2004	Urban and Community Forestry	\$ 10,000
2004	Florida Recreation Development Assistance Program	\$ 200,000
2004	Exotic Vegetation Program	\$ 35,250
2004	South Florida Water Management District	\$ 500,000
2004	Florida Recreation Development Assistance Program	\$ 200,000
2004	Land and Water Conservation Fund	\$ 200,000
2004	Recreational Trails Program	\$ 100,000
2004	Cultural Facilities (Amphitheater)	\$ 180,930
2004	Florida Recreation Development Assistance Program	\$ 200,000
2005	Cultural Facilities (Nature Center)	\$ 330,000
2005	Hurricane Urban and Community Forestry	\$ 37,500
2005	Palm Beach County Grant	\$ 25,000
Total		\$2,918,680

**Client, Client’s Representative, Client’s Address and Telephone Number**

City of Belle Glade  
 Ken Robinson  
 Director of Utilities  
 2055 W Canal Street S  
 Belle Glade, Florida 33430

**Key Personnel Involved in Design Phase Services**

Ryan Ruskay

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A



**City of Oviedo Shane Kelly Park**

RMPK assisted with the following grants:

Land Acquisition		
2001	Seminole County BCC	\$1,000,000
2001	Land and Water Conservation Fund	\$150,000
2003	Land and Water Conservation Fund	\$200,000
2003	Florida Communities Trust	\$1,764,600
Total		\$3,114,600

Development – Phase I		
2001	Land and Water Conservation Fund	\$200,000
2002	Land and Water Conservation Fund	\$200,000
2003	Land and Water Conservation Fund	\$200,000
2004	FL Recreation Development Assistance Program	\$200,000
2005	Recreational Trails Program	\$100,000
Total		\$900,000

Future Funding Development – Per Phase	
Recreational Trails Program	\$100,000
Land and Water Conservation Fund	\$200,000
FL Recreation Development and Assistance Program	\$200,000
US Soccer Foundation Grant	\$50,000
Urban and Community Forestry Grant	\$15,000
Total	\$565,000

**Client, Client’s Representative, Client’s Address and Telephone Number**

City of Oviedo  
 Dru D. Boulware  
 Parks and Recreation Director  
 400 Alexandria Blvd.  
 Oviedo, FL 32765-5514  
 (407) 971-5562

**Key Personnel Involved in Design Phase Services**

Ryan Ruskay

**Design Services Fee**

N/A

**Estimate of Construction Cost**

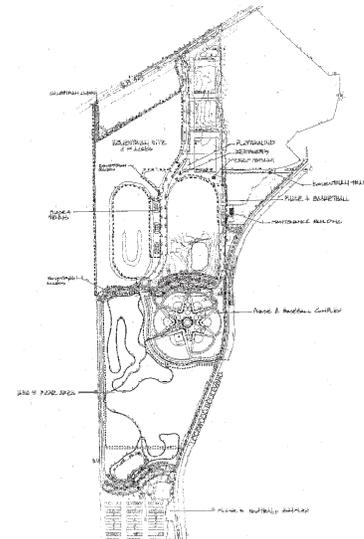
N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A



## Sanford Riverwalk

RMPK assisted with the following grants:

Energy Efficiency Retrofit	\$502,500 from one funding source
Memorial Park	\$200,000 from one funding source
Sanford Marina	\$495,689 from three funding sources
Community Tree Program	\$389,160 from four funding sources
Fire Prevention & Safety Grant	\$168,000 from one funding source
Farmer's Market	\$37,690 from one funding source
Fort Mellon Park	\$600,000 from three funding sources

### Client, Client's Representative, Client's Address and Telephone Number

City of Sanford  
 Marc Hultin  
 Manager of Parks and Grounds Operations  
 300 N. Park Avenue, P.O. Box 1788  
 Sanford, FL 32772 -1244  
 (407) 688-5000 x 5421

### Key Personnel Involved in Design Phase Services

Ryan Ruskey

### Design Services Fee

N/A

### Estimate of Construction Cost

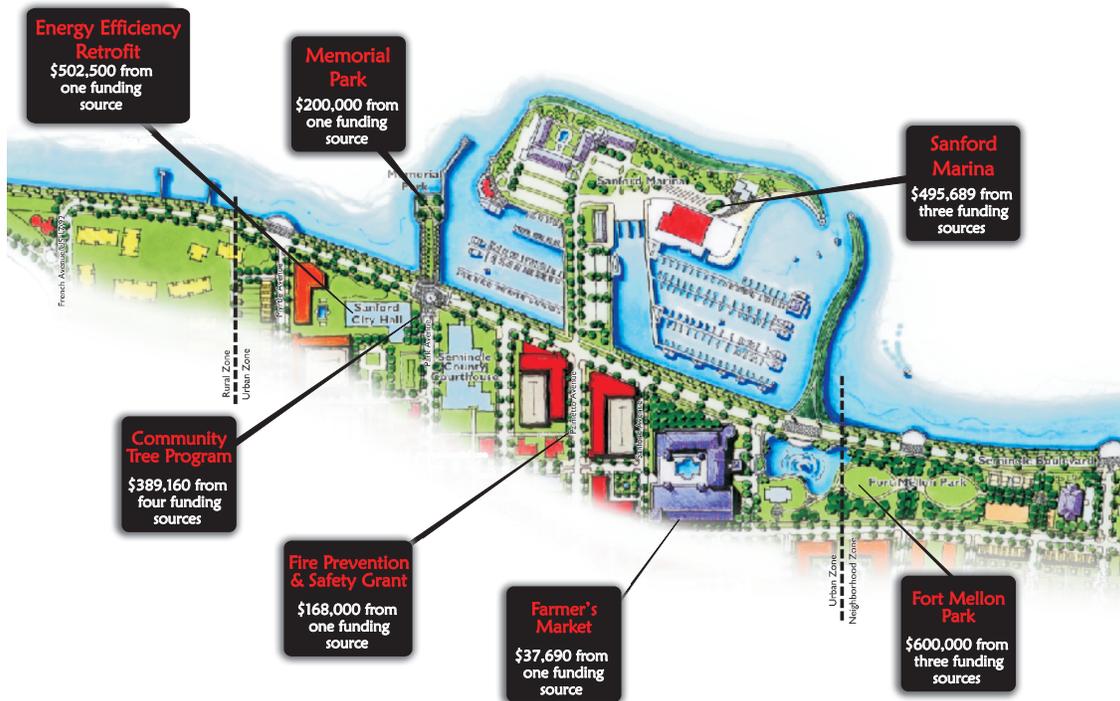
N/A

### Contract Award Amount

N/A

### Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number

N/A



**Town of Jupiter Sawfish Bay Park**

RMPK assisted with the following grants:

Four-Year Funding Period		
Land Acquisition		
2000	Florida Communities Trust	\$1,323,000
2001	Florida Recreation Development Assistance Program	\$150,000
TOTAL:		\$1,400,000
Land Development		
2003	Land and Water Conservation Fund	\$200,000
2003	Exotic Vegetation Program	\$8,000
2004	Urban and Community Forestry	\$15,000
2005	Loxahatchee River Initiative	\$200,000
2005	Land and Water Conservation Fund	\$200,000
2007	Palm Beach County Boating Improvement Program	\$250,000
2007	Florida Recreation Development Assistance, Phase 1	\$200,000
2007	Florida Recreation Development Assistance, Phase 2	\$200,000
2007	FBIP	\$50,000
TOTAL:		\$1,323,000

Acquisition \$1,400,000

Development \$1,323,000

Total Grants \$2,723,000

**Client, Client’s Representative, Client’s Address and Telephone Number**

Town of Jupiter  
 Jim Wilkinson  
 210 Military Tr.  
 Jupiter, FL 33458  
 (561) 746-5134

**Key Personnel Involved in Design Phase Services**

Ryan Ruskay

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A



### **Sandra Walters Consultants, Inc. (SWC)**

SWC has worked extensively through the years on and near the Truman Waterfront property. This work began with participating on preparation of the Base Realignment and Closure (BRAC) plan for the Navy surplus properties in Key West, the most significant of which is Truman Waterfront. Work included SCUBA diving the Mole Pier to characterize benthic resources, as well as other aspects of planning and environmental analysis. Soon after, SWC worked on the Bahama Village Redevelopment Plan Update, examining the relationship between the Truman Waterfront parcel and the adjacent Bahama Village community, and then SWC worked extensively with local residents and businesses to develop the Economic Development Conveyance application for the Truman Waterfront parcel. These planning efforts also included assessments of contamination issues at the property and the status of Navy cleanup and institutional control measures.

As SWC has worked for many years preparing and processing permit applications in the Florida Keys, staff are fully acquainted with federal and State regulations that apply specifically to marina and docking facilities here, including the zero degradation water quality requirement applied due to the Outstanding Florida Waters designation; and review of all environmental resource permit applications for compliance with the Principles for Guiding Development in the Florida Keys Area of Critical State Concern by the Florida Department of Community Affairs (soon to be the Division of Growth Management in the Florida Department of Economic Opportunity). In addition, SWC has successfully processed conditional use and zoning approvals and conducted concurrency analysis for clients, subject to State review.

SWC has also conducted groundwater and soil testing and developed and implemented contamination remediation plans, including working with the City of Key West at the old City Hall property in regard to residual contamination from a since-removed leaking underground fuel tank, and processing closure of a 3,000-gallon fuel storage tank on Stock Island.

Finally, SWC has extensive experience in providing public outreach services, including research to identify thorough lists of stakeholders, development and distribution of informative materials and website design and maintenance, creation of citizen advisory committees, organization and running of public meetings as well as one-on-one meetings, as needed, implementation of consensus-building processes, full documentation of all input received, and development of documents showing how input is addressed in the final project. We have worked in this capacity several times in Key West, most recently for several roadway improvement projects, and have provided public information services to Florida Department of Transportation District 6 for roadway design projects throughout the Florida Keys for the last five years.

## **Bahama Village Redevelopment Plan Update, Key West, FL**

Sandra Walters Consultants, Inc. (SWC) was in charge of public information during the update of the Bahama Village Redevelopment Plan in Key West. SWC wrote, designed, printed and distributed by direct mail newsletters to area residents regarding project workshops and milestones; wrote and distributed news releases to local media; participated in design and implementation of a hands-on public involvement program process which included active mapping and ranking of community concerns; and coordinated issue scoping meetings with area business leaders. SWC was also responsible for public facilities and environmental planning elements of the project, and contributed as a technical consultant in all community and land use planning elements. The neighborhood borders directly on the Truman Waterfront parcel recently conveyed by the Navy to the City. SWC collected and assessed detailed environmental and public facilities data, and planned land uses in this parcel, in relation to Bahama Village redevelopment goals and concerns. This historic black neighborhood in Key West, Florida contains a mix of homes, businesses and affordable housing projects. Residents were concerned to maintain the unique community character and avoid “gentrification,” while improving access to and participating in Key West’s vibrant tourism-based economy.



### **Client, Client’s Representative, Client’s Address and Telephone Number**

The Craig Company  
Don Craig  
610 White Street  
Key West, FL 33040  
(305) 294-1515

City of Key West  
Doug Bradshaw, Project Manager, Engineering Services  
Habana Plaza  
3140 Flagler Avenue  
Key West FL 33040  
(305) 809-3792

### **Key Personnel Involved in Design Phase Services**

Sandra Walters  
Jill Beth Cohen , RLA, LEED AP  
Teri A. Beckett, P.E., G.C.,  
Angie A. Bera  
Michelle (Shelli) Braynard  
Ken Huntington

### **Design Services Fee**

\$24,000

### **Estimate of Construction Cost**

N/A

### **Contract Award Amount**

N/A

### **Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**Key West Economic Conveyance Application Key West, FL**

The City of Key West has processed several applications to acquire sites from the U.S. Navy as part of nationwide military downsizing and disposing of surplus properties. An economic development conveyance application was prepared for Navy lands, which consist of three areas—the former Navy mess hall, which will address needs of homeless service groups and the adjacent historic Bahama Village neighborhood; a site intended to integrate Bahama Village with the rest of the waterfront property that is slated for mixed retail and residential uses; and a site planned for affordable housing development. SWC (Sandra Walters Consultants, Inc.) served as the local project coordinator, and provided the local project office for the consulting team. SWC was responsible for setting up and participating in meetings with stakeholders who were interested in the property and providing information regarding economically viable uses for the parcels and costs of development. In addition, SWC prepared sections of the application related to contamination remediation on the property.



**Client, Client’s Representative, Client’s Address and Telephone Number**

N/A

**Key Personnel Involved in Design Phase Services**

- Sandra Walters
- Jill Beth Cohen , RLA, LEED AP
- Teri A. Beckett, P.E., G.C.,
- Angie A. Bera
- Michelle (Shelli) Braynard
- Ken Huntington

**Design Services Fee**

N/A

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A



## **Mallory Dock Maintenance Dredge**

Represented City to add Mallory Dock to Navy permits for maintenance dredging of Key West Harbor, supervised required data collection by Navy environmental monitoring contractor, prepared and processed required documentation, successfully amended DEP and USACE dredge permits and EPA offshore disposal permits, and provided quality assurance services onboard dredging vessel. Also represented City in Navy interagency task force that oversaw this project, working with U.S. Army Corps of Engineers (USACE), Florida Keys National Marine Sanctuary (FKNMS), Environmental Protection Agency (EPA), Florida Department of Environmental Protection (DEP), National Marine Fisheries Service (NMFS) and others.

### **Client, Client's Representative, Client's Address and Telephone Number**

City of Key West  
John Jones, former assistant City manager  
(305) 797-0484

### **Key Personnel Involved in Design Phase Services**

Sandra Walters

### **Design Services Fee**

\$50,264.43

### **Estimate of Construction Cost**

N/A

### **Contract Award Amount**

N/A

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

Bean Struyvescent, no other information available

**City of Key West Stormwater System**

Assisted City with permit compliance issues for already-completed and future maintenance work of City stormwater system, including developing impact assessment and mitigation plan that incorporates 5.6 acres of wetland restoration and enhancement at former Hawk Missile site in eastern Salt Ponds and creation of connection between Riviera Canal and western Salt Ponds to enhance 131 acres of wetlands and cause significant water-quality improvements; resulted in consent agreements with the South Florida Water Management District (SFWMD) and USACE.

**Client, Client’s Representative, Client’s Address and Telephone Number**

City of Key West  
David Fernandez, assistant City manager  
Habana Plaza  
3140 Flagler Avenue  
Key West FL 33040  
(305) 809-3879

**Key Personnel Involved in Design Phase Services**

Sandra Walters

**Design Services Fee**

\$54,843

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

Toppino Construction, no other information available

**South Roosevelt Seawall Repair Seagrass Monitoring**

Assessed and documented seagrasses in vicinity of seawall undergoing repairs, including field data collection and photography, update of CAD files delineating seagrass line, measurement of seagrass impacts in project area for mitigation purposes, and report preparation.

**Client, Client’s Representative, Client’s Address and Telephone Number**

City of Key West  
Janet Muccino, Engineering Services  
Habana Plaza  
3140 Flagler Avenue  
Key West FL 33040  
(305) 809-3867

**Key Personnel Involved in Design Phase Services**

Sandra Walters

**Design Services Fee**

\$10,045.00

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**Submerged Habitat Study and Sediment Analysis, Key West Harbor and Vicinity**

Conducted survey of submerged habitats in and around Key West Harbor. Divers collected field data from 50, randomly selected sites. This data was then collated into maps showing general distribution of habitats in area, and underwater photographs were organized and printed. Data was compared with that collected at other sites throughout Florida Keys, to assess habitat quality in relation to shipping activities in Harbor. Supervise collection of sediment samples in and near harbor following approved DEP protocol, transmit to State certified laboratory for testing for petroleum contamination and RCRA metals, prepare report summarizing findings.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Key West Bar Pilots Association  
PO Box 848  
Key West, FL 33041  
(305) 296-5512

**Key Personnel Involved in Design Phase Services**

Sandra Walters

**Design Services Fee**

\$35,000

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**Environmental Resource Permit and State Submerged Land Lease for 99-Slip Marina, Marathon, FL**

Served as senior planner and permit project manager for Marlin Bay Yacht Club. Conducted detailed benthic assessment and worked with marina designer to revise dock layout to avoid impacts to submerged habitat; supervised preparation of all surveys, engineering drawings and permit sketches; prepared and processed applications and responded to requests for additional information; coordinated with SFWMD, USACE and DEP staff, including working closely with DEP staff to fine-tune submerged land lease documents for second special exception to State lease rule, briefing Cabinet Aides, and attending meetings of Cabinet Aides and Governor and Cabinet (4-0 vote in favor); acquired lease and permits within 9 months of submittal.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Thad Rutherford  
SouthStar Development Partners, Inc.  
255 Alhambra Circle, Suite 325  
Coral Gables, FL 33134  
(877) 878-2762

**Key Personnel Involved in Design Phase Services**

Sandra Walters

**Design Services Fee**

\$78,000.00

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**City of Key West Navy Base Reuse Plan**

Member of team that evaluated surplus Navy properties in Key West, and developed plan for reuse which addresses local needs and concerns. Primary roles—planning and environmental assessments, including SCUBA examination of Mole Pier at Truman Waterfront.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Bermello-Ajamil & Partners  
Amy Kimball/Louis Ajamil  
2601 Bayshore Drive  
Miami, FL 33133  
(305) 859-2050

**Key Personnel Involved in Design Phase Services**

Sandra Walters

**Design Services Fee**

\$25,000

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

**City of Key West Economic Development Conveyance Application**

Member of team that developed EDC application for surplus Navy properties, including Truman Waterfront. Primary roles—planning and implementing meetings with local officials and interest groups, coordination of public workshops and presentations, and public facilities and environmental data collection and analysis.

**Client, Client’s Representative, Client’s Address and Telephone Number**

Craig Seymour  
RKG Associates  
277 Mast Road  
Durham, NH 03824  
(305) 555-7541;

City of Key West  
Doug Bradshaw, Project Manager, Engineering Services  
Habana Plaza  
3140 Flagler Avenue  
Key West FL 33040  
(305) 809-3792

**Key Personnel Involved in Design Phase Services**

Sandra Walters

**Design Services Fee**

\$25,000

**Estimate of Construction Cost**

N/A

**Contract Award Amount**

N/A

**Name of Contractor Awarded Project, Contractor’s Representative, Contractor’s Address and Telephone Number**

N/A

## **Improvements to Atlantic Boulevard and Access to Glynn Archer and Gerald Adams Schools, City of Key West**

Member of team that provided engineering services for three roadway segments in Key West. SWC is responsible for development and implementation of public involvement programs, including identifying stakeholders, preparing and distributing informative mailers and news releases, planning and implementing public meetings to solicit comments, and preparing final public involvement summaries; and environmental and planning elements.

### **Client, Client's Representative, Client's Address and Telephone Number**

Favio LaVerde  
The Corradino Group  
4055 NW 97th Avenue  
Miami, FL 33178  
(305) 594-0735

City of Key West  
Janet Muccino, Project Manager, Engineering Services  
Habana Plaza  
3140 Flagler Avenue  
Key West FL 33040  
(305) 809-3867

### **Key Personnel Involved in Design Phase Services**

Sandra Walters

### **Design Services Fee**

\$14,155.76

### **Estimate of Construction Cost**

N/A

### **Contract Award Amount**

N/A

### **Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**

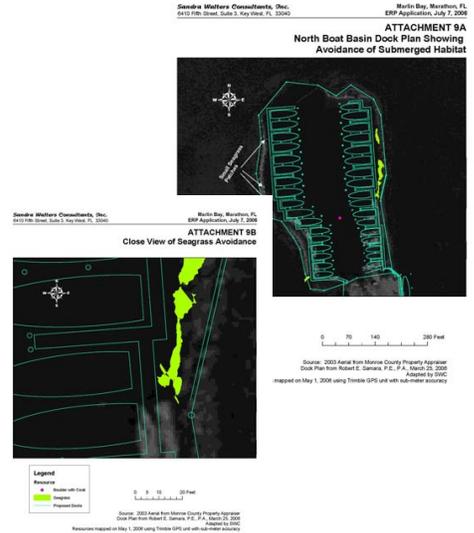
N/A

## Marlin Bay Yacht Club Redevelopment, Marathon, FL

SWC (Sandra Walters Consultants, Inc.) served as project planner and environmental resource permit manager to redevelop site in Marathon to contain 92 upland residences and 99 marina slips, including 9 onsite workforce housing units. Site formerly contained closed commercial fishing operation and mobile home park shut down by Health Department for unacceptable wastewater treatment plan. Construction currently underway includes Advanced Wastewater Treatment (AWT) plant and collection system and state-of-the-art stormwater treatment system to support project, which should result in substantial improvements to nearshore water quality.

SWC responsibilities included:

- extensive coordination with City, Florida Department of Community Affairs, Florida Department of Environmental Protection (DEP), South Florida Water Management District (SFWMD), U.S. Army Corps of Engineers (Corps), and project development team
- preparation and successful processing of rezoning application for portion of site
- preparation and successful processing of application for development agreement with City and required annual reports
- work with marina design engineer to avoid all impacts to submerged marine resources, resulting in no required mitigation for project
- preparation and successful processing of applications for State ownership waiver of two shoreline areas created by filling of State-submerged land
- preparation and successful processing of environmental resource permit application with SFWMD and Corps (9 months from application to permit issuance)
- coordination with DEP, SFWMD and Cabinet Aides to process submerged land lease application and acquire final approval from Governor and Cabinet (only second in Florida to acquire special exception under new revised lease rule)
- successful processing of amendments to City development agreement and State environmental resource permit to accommodate attached units in portion of property and allow non-unit owners to purchase yacht club memberships
- work with City and project design team regarding acquisition of setback variance along one project boundary.



### Client, Client's Representative, Client's Address and Telephone Number

Favio LaVerde  
The Corradino Group  
4055 NW 97th Avenue  
Miami, FL 33178  
(305) 594-0735

City of Key West  
Janet Muccino, Project Manager, Engineering Services  
Habana Plaza  
3140 Flagler Avenue  
Key West FL 33040  
(305) 809-3867

**Key Personnel Involved in Design Phase Services**  
Sandra Walters

**Design Services Fee**  
\$14,155.76

**Estimate of Construction Cost**  
N/A

**Contract Award Amount**  
N/A

**Name of Contractor Awarded Project, Contractor's Representative, Contractor's Address and Telephone Number**  
N/A

# Project Management Approach

## Project Understanding

The Truman Waterfront serves as a critical gateway to the City of Key West. Thousands of residents and visitors to the City traverse this vacant land every year. This piece of our nation's history and the City's future needs to be enhanced to serve the citizens of Key West as a world class public space that is both a source of recreation and an economic engine for the City. Our goals for this project are simply stated below.

- Strengthen public access to the water's edge
- Establish streets that are safe, lively, and inviting
- Preserve maritime character
- Implement sustainable practices
- Incorporate proposed uses that won't compete with or detract from existing uses
- Embrace adjacent neighborhoods
- Strengthen pedestrian and bicycle connections
- Emphasize both large-scale and intimate public multi-use green /gathering spaces
- Create an exemplary world class waterfront urban environment

## Team Organization

We will accomplish these goals and the additional identified program needs through the strength of our team. The team will be lead by Chen Moore and Associates (CMA) who will provide Project Management, Landscape Architecture (jointly with AECOM), Civil Engineering, and Construction Administration Services.

The design of a world class urban waterfront park is a complex undertaking and we will look to our partners, AECOM, to provide a number of specialty services including Master Planning, Landscape Architecture, Public participation, Wayfinding, Market Analysis, Public-Private Partnership Financing, Architecture, Structural Engineering, MEP, and Transportation Planning and Analysis. With a pool of 1,800 staff to draw from within the state of Florida, their knowledge and resources are extensive. AECOM's team of experts will be lead by George Puig, ASLA. George will work closely with the team's project manager to ensure that the appropriate professionals are available and responsive as the project progresses. George is a landscape architect with over 21 years of experience providing services to public and private clients. He has worked with several members of CMA's staff over the years and has a very strong working relationship with our firm.

CMA has included several other local consultants to our team to ensure that we have reliable team members with knowledge of local practices. These include Sandra Walters Consulting for environmental permitting and public outreach assistance, Nutting Engineers for geotechnical services, and Reece & White Land Surveying.

We are committed to the success of the Truman Waterfront and consider ourselves to be in partnership with our clients. We understand that our success is directly linked to our client's success. In order to make certain that all available financing is pursued, we have added a grant writing specialist to the team. RMPK Funding will lead the team in identifying and pursuing additional funding for the Truman Waterfront to ensure the success of the project. Their approach includes "Grant Stacking" which involves maximizing funding opportunities utilizing multiple funding sources. It has become the most effective way of maximizing the amount of funding a community can obtain. "Grant Stacking" allows a project to draw funding from several sources. The idea of "Grant Stacking" refers to grouping grants of varying levels (federal, state and local) to support one project. Careful selection of grants can result in one grant providing the matching funds requirement for another grant and the reciprocal as well. This process can address acquisition and development in phases to best meet a project's intent and time schedule. Additionally, RMPK can help the City develop a Strategic Funding Plan. Ranging from 2-5 years, Strategic Funding Plans can be community wide or focus on a specific facility. A typical strategic funding plan will include the following components:



## section D

- Assessment of current funding status
- Resources of potential funding opportunities
- Designate funding opportunities to be used with specific projects
- Funding schedule to provide direction in pursuing alternative funding sources

## Project Design Approach

CMA recognizes that this project requires an extraordinary combination of planning, design and management talent, as well as dedication and commitment. Working together with AECOM, we create a ‘fusion’ that integrates development and economic growth into exemplary environments for urban regeneration and livable cities. While we draw on our global experience and expertise, all of our projects are delivered locally, with specific environmental, cultural, and social considerations that create places with unique character.

Together, our design approach delivers imaginative and sustainable solutions to enhance quality of life and ensure every project’s long-term success. Underpinning all work is a commitment to innovation, design quality, maximizing potential, social inclusion, best value for client and community and the careful use of natural resources. Because of the nature of the project, as a team we have decided to use AECOM’s proven “5D” landscape architectural design approach, which provides a step-by-step process to assure you that we will meet your objectives for this project. This approach assures clients that our team will develop thoughtful, creative design solutions “grounded” in community needs and context. The basic steps of our “5D” approach include “Desire”, “Discovery”, “Design”, “Discussion” and “Documentation”.



**Desire:** During this first phase of the process, we will first conduct a kick-off meeting with LRA staff, advisory committee/steering committee members and/or other key stakeholders (as determined by the LRA) to establish expectations for the project. Typical review topics include Scope of work, Objectives of the Project, Project schedule, Key Deliverables, LRA Expectations, Roles and Responsibilities, Public involvement, Review and Approval Process, Construction Budget, Permitting and Bidding Process, and Construction Delivery method.

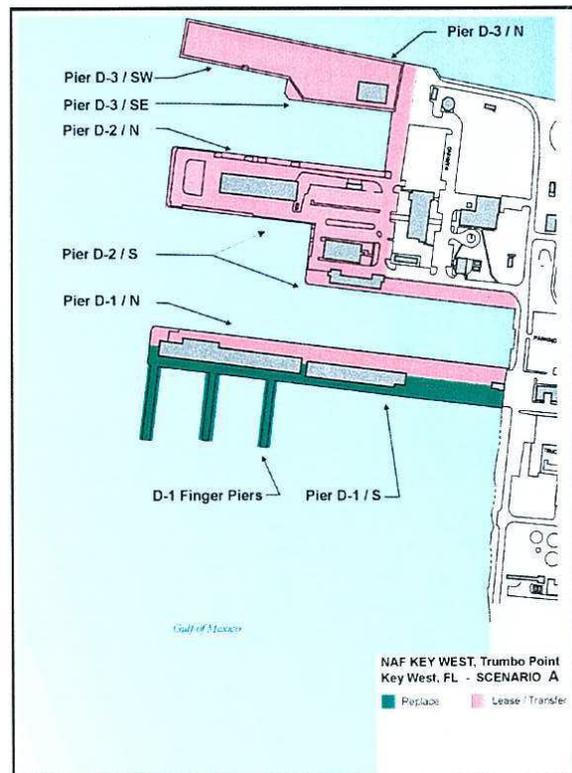
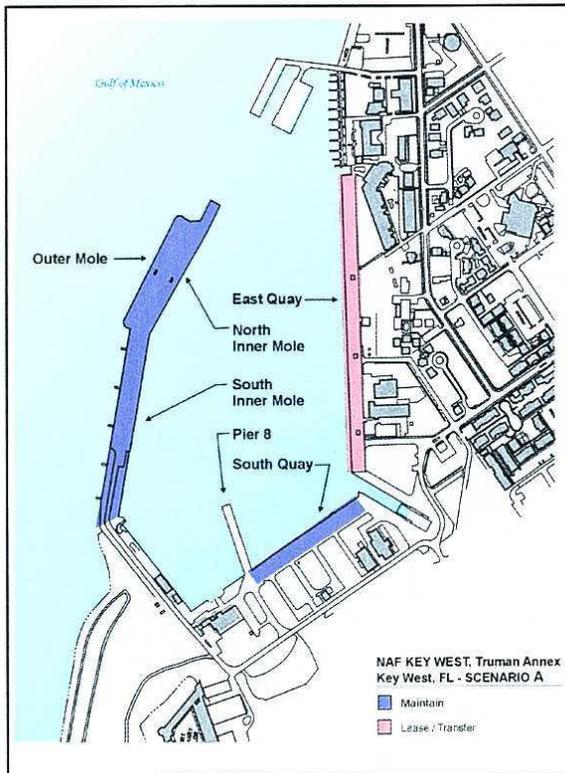
Following the kick-off meeting we will issue meeting minutes and a project schedule to document the discussion. In addition, we will make sure that we understand the specific desires of LRA staff, residents and other key stakeholders as they relate to the project such as:

- Connections to existing communities
- Future development opportunities as additional Naval Properties are transferred

During this phase we will review previous studies such as the 2006 Final Traffic Report, or the results of previous public surveys and economic studies to help establish the “Desire”. If the LRA is satisfied with the “Desire” expressed in the RFQ, and/or other previous studies, then the design team will proceed with the next phase of our approach. However, should the LRA wish to refine or confirm the community’s desires for the project, then we may recommend one or more of our typical public involvement techniques such as:

- Stakeholder interviews (elected officials, staff, recreation providers, residents, community leaders, others)
- Visioning workshop(s), Advisory Board/Steering Committee workshop(s) and public open houses

The outcome from the “Desire” phase will be a Development Program for the project, describing the proposed uses and facilities, approved by the LRA.



**Discovery:** During the Discovery phase (Preliminary Engineering) of the project – which may run concurrently with the Desire phase – the design team performs data collection and intense research of existing conditions in order to learn about site opportunities and constraints including transportation/access issues, environmental conditions, drainage, utilities, easements, permitting and other issues that may influence the proposed design. As a result, accurate mapping of existing aboveground and underground utilities is imperative to avoid utility conflicts, schedule overruns and potential change orders during construction. We will also coordinate planned/future roadway, drainage, utility, private developments with the City of Key West Planning & Zoning, and Platting departments and Public Works. In addition, we will take into consideration possible traffic disruption along local roads and the need to minimize disruptions during high volume periods and identify pedestrian linkages from the proposed project area to existing roadway public sidewalks, related ADA ramps, curb cuts and adequate pavement striping and signage. Basically, the objective of this task is to ensure that the construction schedule of the proposed project does not impede (or is impeded by) planned/ future private and public improvements within or adjacent to the project limits.

The Discovery phase also includes field reconnaissance and visits to the existing portion of the greenway and related open spaces. The purpose of the site visits is to develop a common understanding of what we everyone likes and dislikes about existing greenway already built and currently being designed, which further helps us to better understand the specific needs and desires of the LRA. In addition, during this phase a R/W & Topographic Survey within the project limits will be prepared following the horizontal & vertical control procedures established by the City of Key West guidelines. The survey will include right of way and easement(s) verification, location of all significant aboveground features for the entire width and length of the affected area. The product from the Discovery phase will be an Opportunities and Constraints Memorandum, summarizing site opportunities and constraints to successfully construct the site elements established in the development program.

**Design:** The Design phase builds on the findings from the first two phases, exploring various alternatives for accomplishing the Development Program on the site. We will begin by reviewing and discussing the design concepts previously developed by the LRA to determine any preferences. Then we will develop additional preliminary concepts for review, and a final concept along with estimates of construction costs.



**Discussion:** The purpose of the Discussion phase is to build final consensus regarding a preferred direction/ concept for the project development. We will discuss and confirm the LRA's preferred review and approval process at the kick-off meeting; our typical approval process includes the review of alternative concepts and cost estimates with LRA staff, Advisory/ Steering Committee, Key Stakeholders and the General Public. Effective meeting formats include workshops and open houses, and numerous meetings may be required to reach consensus. The final concept and budget approved by the LRA will become the basis for the next phase of the process, Documentation. Vision: What are the goals of the project in terms of economic development, transportation, education, recreation, sustainability, maintenance, costs and other objectives that are important to the LRA and the community?

During the Discussion phase, we will ask ourselves many questions in order to inform our designs. Below is an example:

**Safety:** What are the current conditions? Where are opportunities to enhance safety?

**Connectivity:** Where are the origins and destinations of use? How will this project help complete missing links in the current network?

**Culture:** How can a more pedestrian/bike-friendly attitude be developed through this process? What are the issues limiting mutual respect?

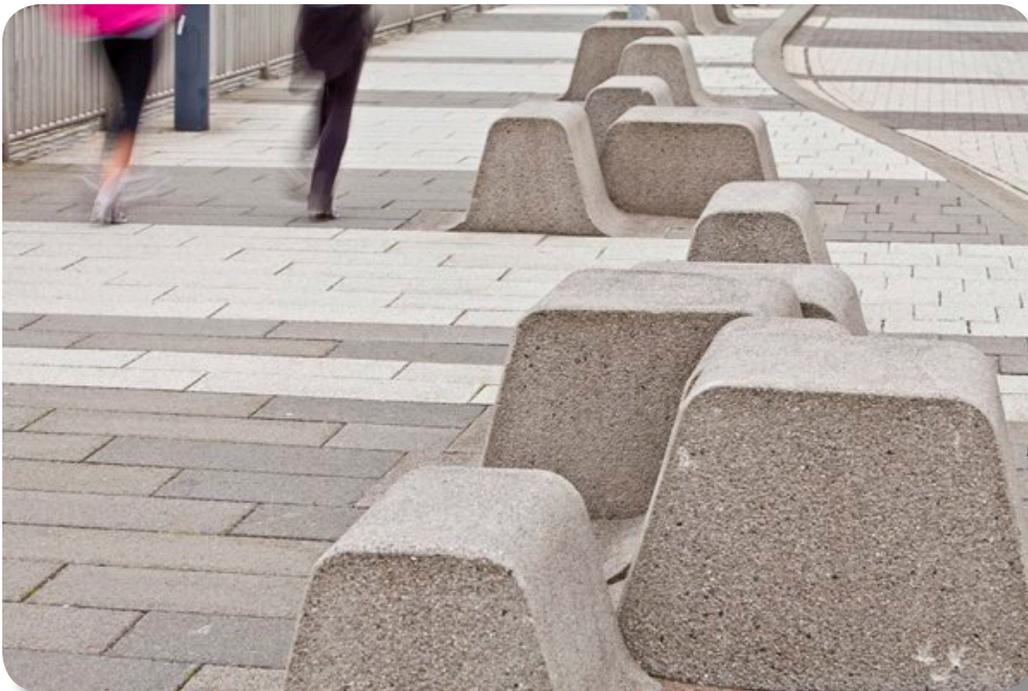
**Education:** What is unique about this waterfront that would be of interest to the public?

**Sustainability:** How can the design of the waterfront enhance community economic, social and/ or environmental sustainability?

**Sense of Place:** How can the corridor design contribute to the community's identity and sense of place?

**Funding and Implementation:** What sources of funding are available, and what is the available budget for construction? How can we value-engineer the design to get the greatest benefits possible for the budget? And can we leverage available funds to secure additional grants, partnerships and/or other funding?

**Documentation:** The final phase of the planning and design process – before permitting, bidding and construction – is the Documentation phase. During this phase of work we develop 50%, 90% and 100% construction documents for the project based on the final approved design. The documents include construction plans, specification and cost estimates, which will be submitted for review according to the project schedule. We have found it very helpful to assemble the entire design team for each of the review meetings to ensure good coordination and to meet with the LRA staff on a monthly basis to review plans, specifications, product samples, design details, cost estimates, permit submittals and related documents.



**Our approach focuses on providing a comprehensive design that addresses the following issues:**

Besides our proven design approach, there are other benefits that our team will offer the LRA. First, we are able to provide all major services for the project including urban design, landscape architecture, civil engineering and structural design, as part of a team that has worked together on similar projects in the past. In addition, the project will be designed by seasoned professionals with extensive waterfront park, military planning and base closing experience; there will be no gaps in communication or responsibilities between subconsultants. All work will be carefully reviewed through our QA/QC program. Second, our team includes one of the few firms in the country to have a full-time Parks and Public Space Planning and Design team, fully dedicated to parks, greenways and public realm projects similar to the LRA's Truman Waterfront Upland Improvements Design and Construction Administration project. David Barth, one of the principals of AECOM assigned to the project, is a Certified Parks and Recreation Professional (CPRP) in addition to a Landscape Architect and Planner. He has been immersed in the parks and recreation profession for over 25 years. He is active in the Florida and National Recreation and Parks Associations, and regularly speaks and writes regarding public involvement, needs assessments, levels of service, park design and construction, sustainable parks and other current topics. He is also known as an expert facilitator and consensus-builder, which will be helpful as the LRA works to build community consensus regarding the design of the Truman Waterfront Upland Improvements Design and Construction Administration project. Finally, our commitment to green design, LEED design principles and sustainable parks is of great value to the LRA. As discussed previously, our team has extensive experience in green design and LEED certification. We will not only consider how this project can be designed to be as sustainable and energy efficient as possible, but how it can contribute to the overall economic, social and environmental sustainability of the Key West community as well. In addition to the hardscape, landscape, site furniture, signage and site lighting elements, the CMA team will design the utility and drainage/stormwater systems.

**Local Knowledge**

Chen Moore and Associates has the local knowledge and expertise to understand potential limitations with level of service of existing utilities. Our core engineering practice focuses on urban redevelopment and infrastructure rehabilitation. As such, we have extensive experience completing infrastructure rehabilitation/enhancement including stormwater, water and sewer in existing communities

Chen Moore and Associates has completed several projects in Key West which have included all stages of the production including the planning, design, and permitting. We have extensive experience working with utility providers in Key West and have established relationships that minimize delays in the permitting process. Our experience has also encompassed working in areas requiring special consideration such as environmentally sensitive areas incorporating unique concepts and materials into our design work.



Key West Navy Pedestrian Bridge

### Quality Assurance/Quality Control

AECOM is unique among Florida based A/E firms in that the firm is ISO 9001-2000-certified by the national association (ISO) whose sole focus is Quality Assurance and Quality Control. As part of this certification and during the documentation phase, their QA/QC method of communication involves all levels of the project team, including subconsultants, along with a clear definition of project control and coordination activities. They utilize an independent, in-house QA/QC “peer review” group to oversee the production of the final documents to assure their completeness and appropriate level of detail. The peer review team will involve senior landscape architects and engineers who are experienced with the design and detailing of facilities similar in scope and complexity. The peer review team will check for accuracy, clarity, consistency, proper level of detail, compliance with all programming information and regulatory procedures and practices, and will confirm that the systems under development are appropriate for their intended use.



### Permitting Process

The CMA team recognizes the importance of expediting the permit approval process. Therefore, our team includes members who are both familiar with and capable of fast-tracking the permit process in South Florida and able to Identify Regulatory/Permitting Requirements. With overall coordination provided by the Project Manager, CMA uses registered professionals from within each design discipline to help coordinate and manage the permitting process thereby ensuring the right professional knowledge is applied. For example, the team’s civil engineer will initiate contact with the regulatory agencies during the preliminary engineering phase of the project, attend pre-application meetings to elicit agencies’ concerns, permitting constraints and required approvals/permits for the project. The anticipated regulatory agencies involved are:

- South Florida Water Management District (SFWMD)/Army Corps of Engineers - Environmental Resource Permit (ERP)
- Florida Department of Environmental Protection (FDEP) – Drainage Well Permit
- Florida Department of Environmental Protection (FDEP) - National Pollutant Discharge Elimination System (NPDES) Notice of Intent for Stormwater Pollution Prevention
- Florida Department of Health – Water Main Extension/Modifications
- Florida Keys Aqueduct Authority – Water Main
- City of Key West - Sanitary Sewer, Force Main and Pump Stations
- City of Key West – Key West Major Development Permit, Key West Tree Commission, and Building Department

### **Bidding Assistance**

CMA's team has extensive experience in providing bidding assistance services. The following tasks will commence upon final acceptance of bid documents:

**Bidding Assistance:** We will submit a list of recommended vendors and contractors for bidding all project related items. CMA's team representatives will attend pre-bid meeting(s) and provide clarification during the bid period.

**Pre Bid Conference:** We will assist the LRA staff to conduct the pre-bid meeting with prospective contractors, answering bidders' questions, clarifying the final construction documents and schedule. During this meeting we will also present the project goals and objectives relative to the construction documents and conduct a site tour.

**Addenda Preparation:** Following the pre-bid conference, CMA will assist the LRA staff in the preparation and submittal of any required addendas.

**Bid Review:** Upon receipt of the bids, we will work with the LRA staff to evaluate the best construction value and provide recommendations for efficient contractor selection.

**Bid Opening Attendance:** At the LRA's request, we will also attend the Bid Opening Meeting and review and comment on the bid submissions.

**As Bid Documents:** We will provide LRA staff and the selected Contractor with "As Bid" documents for use during construction.

### **Construction/Engineering Inspection Services**

CMA's expertise regarding construction/engineering inspection services can ensure quality and efficient implementation conforming to the final construction documents and environmental permits and agreements. These services will include conducting a preconstruction meeting; issuance of a conformed set of drawings including the incorporation of addenda and permitting requirements; review of contractor submittals and Requests for Information (RFIs); review of shop drawings (as required) for any components related to the proposed design and issuing architect's/engineer's supplemental instructions (ASIs); conducting preconstruction staking and field-marking for earthwork activities and design element location; evaluating and selecting plant materials at nurseries before delivery to a project site; conducting observations of hardscape, landscape, drainage, water & sewer, utility, site furniture, lighting and irrigation system installation and construction while noting any non-conformance with the contract documents which require remedy. In addition, we will review contractor pay applications; issue field orders and change orders as necessary to document changes in the contract documents; conduct preliminary and final punch lists; and help facilitate final acceptance of construction.

**Why are we the best team?** Simply put we have the right combination of local experience, local relationships, and world class design skills necessary to deliver this project within the defined time and budget parameters.

The LRA will benefit from:

- CMA's local experience working with the City of Key West
- AECOM's worldwide resources
- CMA and AECOM's expertise and commitment to the profession of park planning and design
- CMA and AECOM's expertise and commitment to green design and sustainability planning

## **Firm's Typical Experience with Change Orders**

CMA has extensive experience with change management relating to both design and construction contracts. In all cases, we take a best value approach to the client's needs on all contractual matters. The ability to properly manage change, however, comes from a properly scoped project and contract language that is fair to all parties.

From a construction contract standpoint, CMA is an expert at change management after years of experience. From unforeseen conditions, to owner requests to managing the errors of other consultants, CMA has experience at negotiating the required pricing and timing changes on behalf of the owner. Examples include the negotiating of credits on behalf of the owner and managing emergency work after a hurricane.

From a design standpoint, CMA is well acquainted with the negotiation of scope with public agencies and contract management after said negotiation. CMA takes pride in negotiating a "realistic" scope, because we feel that in the end if reality doesn't meet expectations, the project is a failure.

## **Quality Control**

The Chen Team utilizes internal and external review sessions, constructability reviews and value engineering sessions to keep the project on schedule and within budget. The actual quality control process is integrated into these same reviews. By completely integrating the process, not only are the plans reviewed for accuracy, but the contract documents are scrutinized, preliminary schedules are developed, cost estimates are created, conflicts are identified and solutions are developed. In addition to the reviews by Chen Moore and Associates staff and peer reviewers, Chen and Associates implements software as a non-biased review along with peer reviews as necessary.

## **Ability of the Services to be Performed Expediently**

Based on our current and projected workload, Chen Moore and Associates will be able to provide adequate staffing. We make the commitment that all key personnel on the project team will be dedicated as necessary to meet the scheduling needs of the LRA. All our team members and subconsultants realize that on-time delivery is a key element in meeting our commitments to clients. Because of our resources and qualified personnel, we are able to overcome any unforeseen delays by assigning additional staff when needed.

*We make the commitment that all key personnel on the project team will be dedicated as necessary to meet the scheduling needs of the LRA.*

The corporate office of Chen Moore and Associates is located in Fort Lauderdale, with an additional branch office in Miami Beach, serving Miami-Dade and Monroe Counties. Our Miami office will provide all professional services. Staff can be available in Key West within a moment's notice, as our office is conveniently located off of I-95.

## **Capacity to Accomplish Work Within the Required Time Frame and the Proposed Budget**

Successful schedule control begins during the planning and design phases of a project. Infrastructure improvement projects typically require a very tight schedule for design that can only be successfully carried out by a firm with not only the resources necessary to produce a quality set of plans in a short amount of time but the experience to understand the needs and requirements of the agencies reviewing their plans. Chen Moore and Associates and our subconsultants are committed to providing adequate staffing to complete these projects on time and will use our past experience to anticipate all regulatory agency comments and address them before the initial submittal.

With a team mentality, Chen Moore and Associates is committed to allocate adequate labor resources to ensure the potential set backs are bypassed and the project is completed on time according to the project schedule. Chen Moore and Associates has the staff available to immediately commit to this project.

Chen Moore and Associates feels that there are two ways in which a consultant can provide services that are cost effective while maintaining the level of quality demanded in today's world. The first way is to have extensive experience in the type of projects that will be required. The second way is to have a well thought out and proven set of policies that guide all of the consultant's decisions to ensure the process is efficiently implemented. Based on our past experience with design and construction administration of projects of this type, we avoid increases to the project budget by implementing a successful project approach.

## **Budget Control**

As most municipalities do not have the “deep pockets” of a corporate citizen, consultants must design a project that can be constructed within the City’s budget. If the project is not designed within budget, then the project will either not be constructed, or will be constructed without some of the aesthetic elements that make residents happy. Chen and Associates uses two main methods for determining accurate unit prices in order to arrive at an accurate cost estimate. The first method is to consult with the construction management staff to determine the current bidding climate. The second method is to consult with other public sources, such as the local County’s Purchasing website, to follow patterns in the bidding of other project.

*Cost estimating is interrelated to cost control which is the often the most important checking procedure in a project.*

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Cost estimating is interrelated to cost control which is the often the most important checking procedure in a project. Cost control is another term that often suffers from a limiting connotation. Oftentimes, cost control is only incorporated into the construction phase as a euphemism for limiting contract changes with respect to price. Chen Moore and Associates knows from experience that value engineering is perfectly applicable in the design phase for infrastructure projects. Chen Moore and Associates has staff members that are certified as Federal Certified Value Specialists. A Value Engineering (VE) Workshop is typically held at the 60% submittal to allow the VE team to rethink the overall scope of an infrastructure project and recommend plan modification which can result in large savings for the client.

## References

### Chen Moore and Associates

City of Miami Beach  
Carla Dixon  
777 17th Street  
Miami Beach, FL 33139  
Phone: (305) 673-7071

City of Key West  
Myra Wittenberg  
627 Palm Avenue  
Key West, FL 33040  
Phone: (305) 292-3918

City of Fort Lauderdale CRA  
Earl Prizlee  
100 N. Andrews Avenue  
Fort Lauderdale, FL 33301  
Phone: (954) 468-1517

City of Deerfield Beach CRA  
Kevin Klopp  
150 NE 2nd Avenue 33441  
Phone: (954) 480-4222

Pompano Beach CRA  
Chris Brown  
100 W Atlantic Blvd.  
Pompano Beach, FL 33060  
Phone: (954) 545-7769

### AECOM

Miami Downtown Development Authority  
Cesar Garcia Pons  
200 S. Biscayne Blvd. Suite 2929  
Miami, FL 33131  
Phone: (305) 579-6675

Miami-Dade County  
Joseph J. Webb, Park System Planning Section Supervisor  
275 N.W. 2nd Street Ste 427  
Miami, FL 33128  
Phone: (305) 755-7831

City of Sunny Isles Beach  
Susan Simpson, Director of Cultural & Human Services  
18070 Collins Avenue  
Sunny Isles Beach, FL 33160  
Phone: (305) 947-0606

City of West Palm Beach  
Brenda Kelley, CRA Deputy Redevelopment Manager  
401 Clematis Street  
West Palm Beach, FL 33402  
(561) 822-1437



section E

City of West Palm Beach Downtown Development Authority  
Raphael Clemente, Associate Director  
301 Clematis St, Suite 200  
West Palm Beach, FL 33401  
Phone: (561) 833-8873

City of Delray Beach  
Richard Hasko, Director of Environmental Services  
434 S. Swinton Avenue  
Delray Beach, FL 33444  
Phone: (561) 243-7336

## **SWC**

City of Key West  
John Jones, former assistant City Manager,  
3140 Flagler Avenue  
Key West FL 33040  
Phone: (305) 797-0484

City of Key West  
David Fernandez, Assistant City Manager  
3140 Flagler Avenue  
Key West, FL 33040  
Phone: (305) 809-3879

City of Key West  
Janet Muccino, Engineering Services  
3140 Flagler Avenue  
Key West, FL 33040  
Phone: (305) 809-3867

SouthStar Development Partners, Inc.,  
Thad Rutherford  
255 Alhambra Circle, Suite 325  
Coral Gables, FL 33134  
Phone: (877) 878-2762

Louis Ajamil  
Bermello-Ajamil & Partners  
2601 Bayshore Drive  
Miami, FL 33133  
Phone: (305) 859-2050

## **Nutting Engineers of Florida**

Florida Keys Aqueduct Authority  
Mr. Jim Reynolds  
1100 Kennedy Drive  
Key West, FL 33041  
Phone: (305) 295-2203

Eckler Engineering, Inc.  
Mr. Don Eckler  
4700 Riverside Drive, Suite 110  
Coral Springs, FL 33061  
Phone: (954) 510-4700

Mathews Consulting, Inc.  
Mr. David Mathews  
477 South Rosemary Avenue, Suite 330  
West Palm Beach, FL 33401  
Phone: (561) 655-6175

Broward Healthcare System, previously of Memorial Healthcare System  
Mr. Richard Polemini, Acting Director of Design, Construction and Real Estate  
303 SE 17th Street  
Fort Lauderdale, FL 33316  
Phone: (954) 355-5975

Mr. Arnold Smith and Mr. Richard Mouw, Principals  
Mouw Associates, Inc.  
409 NE 3rd Street  
Delray Beach, FL 33483  
Phone: (561) 276-9640

## **RMPK Funding**

Village of North Palm Beach  
Mark Hodgkins, Recreation Director  
501 U. S. Hwy #1  
North Palm Beach, FL 33408  
Phone: (561) 841-3384

Town of Jupiter  
Jim Wilkinson  
210 Military Tr.  
Jupiter, FL 33458  
Phone: (561) 746-5134

City of Sanford  
Marc Hultin, Manager of Parks and Grounds Operations  
City of Sanford  
300 N. Park Avenue, P.O. Box 1788  
Sanford, FL 32772  
Phone: (407) 688-5000, ext. 5421

City of Belle Glade  
Ken Robinson  
Director of Utilities  
City of Belle Glade  
2055 W Canal Street  
Belle Glade, FL 33430  
Phone: (561) 992-1645

City of Oviedo  
Dru D. Boulware, Parks and Recreation Director  
400 Alexandria Blvd.  
Oviedo, FL 32765  
Phone: (407) 971-5562

## **Reese & White Land Surveying**

Terramar Environmental Services, Inc.  
Philip A. Frank, Ph.D.  
1241 Crane Boulevard  
Sugarloaf Key, FL 33042  
Phone: (305) 745-6400

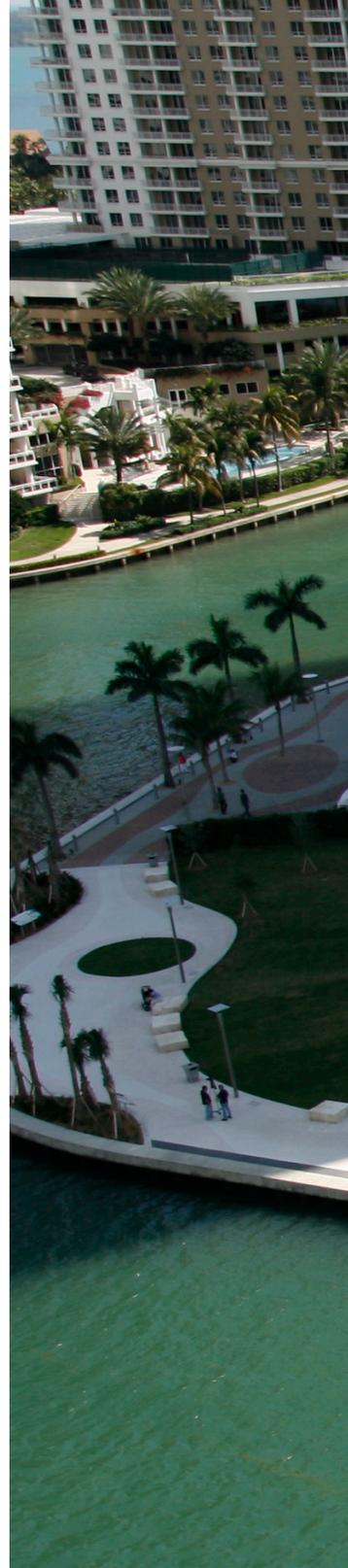
Carefree RV Resorts  
Charles Ellis  
6991 East Camelback Road, Suite B310  
Scottsdale, AZ 85251  
Phone: (480) 423-5700, ext. 113

Glen Boe and Associates, Inc.  
Sean Kirwan, P.E.  
5800 Overseas Hwy., Suite 5  
Marathon, FL 33050  
Phone: (305) 743-9121

Perez Engineering & Development, Inc.  
Allen Perez, P.E.  
1010 Kennedy Dr. Suite 400  
Key West, FL 33040  
Phone: (305) 293-9440

C3TS, P.A.  
Jeffry Marcus, PhD.  
901 Ponce De Leon Blvd.  
Coral Gables, FL 33134  
Phone: (305) 445-2900, ext. 2328

# Anti-Kickback Affidavit and Public Entity Crimes Forms



section F



**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. 11-004 for  
Professional Landscape Architectural/Engineering/Architectural/Land Surveyor Services for Truman  
Waterfront Upland Design and Construction Administration
  
2. This sworn statement is submitted by Chen and Associates Consulting Engineers, Inc. d.b.a Chen Moore and Associates  
(Name of entity submitting sworn statement)  
  
whose business address is E. Cypress Creek Rd., Suite 410, FortLauderdale, FL 33309  
  
\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 59-2739866 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Peter Moore, P.E., President and my relationship to  
(Please print name of individual signing)  
  
the entity named above is 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 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 t 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.)

\_\_\_\_\_  
(Signature)

June 27, 2011

\_\_\_\_\_  
(Date)

STATE OF Florida

COUNTY OF Broward

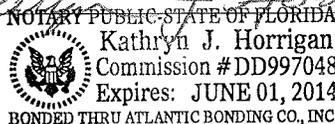
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Peter Moore, P.E., President who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 27th day of June, 2011.

My commission expires:  
NOTARY PUBLIC

6/1/2014 Kathryn J. Horrigan





**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  
PROFESSIONAL LANDSCAPE ARCHITECTURAL/ ENGINEERING/ARCHITECTURAL/LAND SURVEYOR  
SERVICES FOR TRUMAN WATERFRONT UPLAND DESIGN AND CONSTRUCTION ADMINISTRATION
2. This sworn statement is submitted by AECOM Technical Services, Inc.  
(Name of entity submitting sworn statement)  
whose business address is 800 Douglas Entrance N. Tower Coral Gables, FL 33134  
\_\_\_\_\_ and (if applicable) its Federal  
Employer Identification Number (FEIN) is 95-2661922 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
3. My name is Sharon K. Lamantia and my relationship to  
(Please print name of individual signing)  
the entity named above is Principal.
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.)

X 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.)

Sharon Lamantia  
(Signature)  
June 23, 2011  
(Date)

STATE OF Florida

COUNTY OF Orange

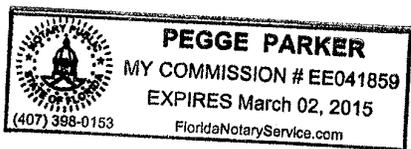
Pegge Parker  
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Sharon K. Lamantia who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 23 day of June, 2011.

My commission expires: 3-2-15  
NOTARY PUBLIC

Pegge Parker  
PEGGE PARKER





**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. 11-004 for  
Professional Landscape Architectural/Engineering/Architectural/Land Surveyor Services for Truman  
Waterfront Upland Design and Construction Administration

2. This sworn statement is submitted by SWC (Sandra Walters Consultants, Inc.)  
(Name of entity submitting sworn statement)

whose business address is 6410 Fifth Street, Suite 3, Key West, FL 33040  
and (if applicable) its Federal  
Employer Identification Number (FEIN) is 65-0975585 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is Sandra Walters and my relationship to  
(Please print name of individual signing)

the entity named above is 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.)

Sandra Walters  
(Signature)  
6-23-11  
(Date)

STATE OF Florida  
COUNTY OF Monroe

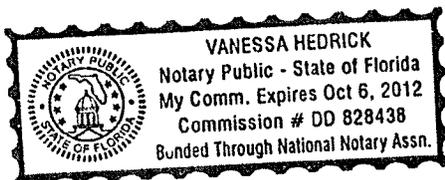
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Sandra Walters who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 23 day of June, 2011.

My commission expires:  
NOTARY PUBLIC

Vanessa Hedrick



ANTI-KICKBACK AFFIDAVIT

STATE OF FLORIDA                    )  
  ): 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: *Elizabeth Smith*

Sworn and subscribed before me this  
23rd day of June, 2011.

*Tracy L. MEEKS*  
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 

**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. 11-004 for  
PROFESSIONAL LANDSCAPE ARCHITECTURAL/ENGINEERING/ARCHITECTURAL/LAND SURVEYOR SERVICES  
FOR TRUMAN WATERFRONT UPLAND DESIGN AND CONSTRUCTION ADMINISTRATION

2. This sworn statement is submitted by NUITTING ENGINEERS OF FLORIDA, INC.  
(Name of entity submitting sworn statement)

whose business address is 2051 NW 112 AVENUE, SUITE 126, MIAMI, FLORIDA 33172  
and (if applicable) its Federal  
Employer Identification Number (FEIN) is 59-1159182 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)

3. My name is ELIZABETH BUTLER and my relationship to  
(Please print name of individual signing)

the entity named above is CORPORATE SECRETARY.

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.)

Elizabeth Butler  
(Signature)  
6/23/11  
(Date)

STATE OF Florida

COUNTY OF Palm Beach

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Elizabeth Butler who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 23rd day of June, 2011.

My commission expires:  
NOTARY PUBLIC

Tracy L. Meeks





**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 Professional Landscape Architectural/Engineering/Architectural/Land Surveyor Service for Truman Waterfront Upland Design and Construction Administration.
  
2. This sworn statement is submitted by RMPK Funding  
(Name of entity submitting sworn statement)  
  
whose business address is 1016 Clemons Street, Suite 406  
Jupiter, FL 33477 and (if applicable) its Federal  
Employer Identification Number (FEIN) is 02-0609342 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is Ryan Ruskey and my relationship to  
(Please print name of individual signing)  
  
the entity named above is 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.)

[Signature]  
(Signature)  
6/27/11  
(Date)

STATE OF Florida

COUNTY OF Broward

Ryan A Ruskay  
PERSONALLY APPEARED BEFORE ME, the undersigned authority,

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

space provided above on this 27th day of JUNE, 2011.

My commission expires: 6/1/2014 Kathryn J. Horrigan

NOTARY PUBLIC-STATE OF FLORIDA  
 Kathryn J. Horrigan  
Commission # DD997048  
Expires: JUNE 01, 2014  
BONDED THRU ATLANTIC BONDING CO., INC.



**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. REQ # 11-004 for SURVEYING SERVICES IN KEY WEST
  
2. This sworn statement is submitted by ROBERT WHITE LAND SURVEYING, INC.  
(Name of entity submitting sworn statement)  
whose business address is PO Box 432123 Big Pine Key  
FLORIDA 33043 and (if applicable) its Federal  
Employer Identification Number (FEIN) is 27-2792511 (If the entity has no FEIN,  
include the Social Security Number of the individual signing this sworn statement.)
  
3. My name is JOHN MAZZI and my relationship to  
(Please print name of individual signing)  
the entity named above is DIRECTOR, 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 that 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.)

(Signature)

JUNE 27, 2011

(Date)

STATE OF FLORIDA

COUNTY OF MONROE

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

JOHN MUCCI who, after first being sworn by me, affixed his/her signature in the  
(Name of individual signing)

space provided above on this 27<sup>th</sup> day of JUNE, 2011.

My commission expires:  
NOTARY PUBLIC



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