



February 17, 2010

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

RE: RFP# 004-10 for Key West Bight, Design and Project Management for Public Area Enhancement (Harbor Walk – Historic Seaport, Caroline Street and Bahama Village Community Redevelopment Agency)

Dear Board Member and City Staff:

Calvin, Giordano & Associates, Inc. (CGA) is pleased to submit our Letter of Interest and Statement of Qualifications to provide Design and Project Management services for the City of Key West Community Redevelopment Agency for the above referenced proposal. CGA is a South Florida multi-disciplinary firm that has been providing *Design, Urban Planning and Redevelopment Services* for over twelve (12) years. Our clientele has included Community Redevelopment Agencies (CRAs) and municipalities such as:

- Hollywood Beach CRA
- Delray Beach CRA
- Pompano Beach CRA
- Dania Beach CRA
- Davie CRA
- City of Sunny Isles Beach
- Town of Surfside
- City of Pembroke Pines
- City of Weston
- Town of Bay Harbor Islands

We have carefully reviewed the scope of services to be provided under this RFP and have selected a team of qualified professionals possessing the diversity of skills to meet the goals and objectives of the City of Key West's Community Redevelopment Agency Board of Directors. Furthermore, we feel confident that our past experience in redevelopment, community enhancements, design, branding strategies, wayfinding, streetscapes, lighting, gateway features and sensitivity to creating spaces that reveal the values and uniqueness of each "place" will allow us to provide the **Harbor Walk, Historic Seaport and Key West Bight** a clear, exciting vision and enhanced experience for all residents, visitors and stakeholders. To best meet the challenging needs of this RFP, we have teamed with **Shaughnessy Hart** a state wide expert in graphic design, wayfinding and branding with whom we have had a strong working relationship over many years.

If selected, Calvin, Giordano & Associates, Inc. located at 1800 Eller Drive, Suite 600, Ft. Lauderdale, FL, will be the responsible office for this contract. I, Dennis J. Giordano, will serve as the Principal-in-Charge of the proposed project, Richard D. Sala, AICP, ICMA-CM, Director of Administration, Redevelopment and Urban Design, will serve as the Contract Administrator for the project. Gianni A. Feoli, ASLA, AIA will serve as your Project Manager, lead designer and primary contact.

Engineering
Construction Engineering
& Inspection
Municipal Engineering
Transportation Planning
& Traffic Engineering
Surveying & Mapping
Planning
Landscape Architecture
& Environmental Services
Construction Services
Indoor Air Quality
Data Technologies
& Development
Emergency Management
Services
Building Code Services
Governmental Services

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PROJECT MANAGER
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Telephone: (954) 921-7781

Experience That Counts

Richard D. Sala, AICP, ICMA-CM. Calvin, Giordano & Associates Director of Administration Redevelopment and Urban Design, will serve as Contract Administrator for any City of Key West Community Redevelopment Services. He offers a solid reputation in South Florida for his dedication to public administration.

As the former Executive Director of the Hollywood Community Redevelopment Agency, Richard was responsible for the beach area's economic and physical revitalization, while balancing the protection of its natural resources. Under his leadership, since 2000, private sector investments were made on the beach to create public/private partnerships and a financial incentive program with area developers and banks. In just four years, the property values on Hollywood Beach increased to \$1.2 billion, resulting from \$800 million in new construction and capital improvements. Richard is the recipient of seven Florida Redevelopment Awards and for more than six years he has been a valued State Board Member for the Florida Redevelopment Association.


As your Contract Administrator, Richard would like the City of Key West and CRA to consider Calvin, Giordano & Associates as your full-service design and redevelopment consulting firm. The most significant benefit to public sector clients from a full-service redevelopment consultant is the savings realized from accessing integrated services. As a team, we also understand that implementation is the key to any successful redevelopment vision and plan.

Gianno A. Feoli, AICP. Gianno Feoli is an Urban Designer and Landscape Planner with more than 8 years of experience and has served various municipalities in developing place-making, master planning and visioning strategies. Gianno's primary responsibility is to serve as Project Manager, Lead Designer and Community Outreach Specialist for all projects that require context-sensitive design solutions that provide design innovation, cultural and social responses, and maximize the existing design capital available at each unique location and site. He is an artist, an educator and a professional focused on developing designs that benefit community and cultural values and identities. His efforts have allowed him to win design competitions and has been the recipient of design awards and merit – creative experience that counts towards assimilating the uniqueness of the Historic Seaport and mediating its identity with present-day needs and realities.

His multi-disciplinary approach to projects has proven a successful strategy in bringing all technical considerations together with those of the client and community in developing and mediating problem-solving solutions that ultimately foster buy-in from all those impacted by the project. As an example, such was his experience in the development of a streetscape master plan for the City of Doral, initially only envisioned as a landscape planting project by the City. With his initiative, all tangential issues that would contribute to the project's overall fruition were brought to the table, strategized with the City and incorporated into the master plan at no additional expense. The resulting document was a long-term vision composed of a compendium of branding strategies, landscape planting palettes, wayfinding components, zoning recommendations, design guidelines, access management recommendations, site furnishings and amenities selections, and an overall assemblage that facilitated its phased and targeted implementation.

Sincerely,

CALVIN, GIORDANO & ASSOCIATES, INC.


Dennis J. Giordano
President

ABOUT CGA

Calvin, Giordano & Associates, Inc. (CGA) is a multi-disciplinary firm that has been located in Florida for more than seventy (70) years. In 1937, the company started as a small, two-person surveying firm. By the mid-1970's, the services expanded to include engineering. Today, with approximately two hundred (200) employees, *CGA provides a broad range of services, including planning, surveying, landscape architecture, geographic information systems (GIS), transportation engineering, environmental services, data technology, construction management, indoor air quality, and emergency management.*

Since its inception, CGA has served as professional consultant to various municipalities throughout Florida including the Towns of Surfside, Lake Park and Davie, and the Cities of Dania Beach, Hollywood, North Lauderdale, North Miami Beach, Pembroke Pines, Bay Harbor Islands, Sunny Isles Beach and Weston, many of which have been repeat clients for more than ten (10) years.

COMPANY SERVICES

URBAN DESIGN AND PLANNING SERVICES



CGA provides professional design and planning services based on a philosophical belief that is not the result of a formulaic, cookie-cutter approach, but rather the result of extensive research into the existing conditions that give rise and provide the basis upon which to generate design solutions that are contextually driven and responsive to the uniqueness of each individual community. Additionally, CGA believes that the services and work-products rendered should generate solutions that are implementable.

CGA's various departments have vast experience producing various work types and services with a multi-disciplinary approach, guaranteeing that our clients obtain a full-service product. Such are the relationships between all our departments: working together, CGA not only develops and comprehends a larger vision that includes issues of branding, community and urban design, but are also translate these larger visions into more detailed-specific components, such as the design and placement of gateway features, streetscape improvements, neighborhood improvements, city-wide ordinances and design guidelines as prioritizing necessary capital improvements projects to resolve issues that need resolution immediately.

LANDSCAPE ARCHITECTURE



The Landscape Architecture Department has a unique blend of qualified professionals that provide a variety of personal expertise as an underlay to their Landscape Architectural professions. They are educators, community leaders, activists, volunteers, artists, architects, sculptors and **LEED Accredited Professionals**. This mix of talent allows CGA to provide our Clients with holistic, well-rounded design solutions that, beyond considering all the functional and implementation issues needed to be resolved, ensure a design product that, once built, will provide for longevity, experience, value and unique identities. Our staff counts

on Registered Landscape Architects with more than sixty (60) years of collective professional experience, supported by a strong team of experts.

Personnel breakdown:



2 registered landscape architects
1 urban designer and branding specialist
4 landscape designers; two with advanced graphic design and 3-D capabilities for presentation



3 registered arborists
4 landscape inspectors
2 environmental planners/biologists
1 environmental inspector

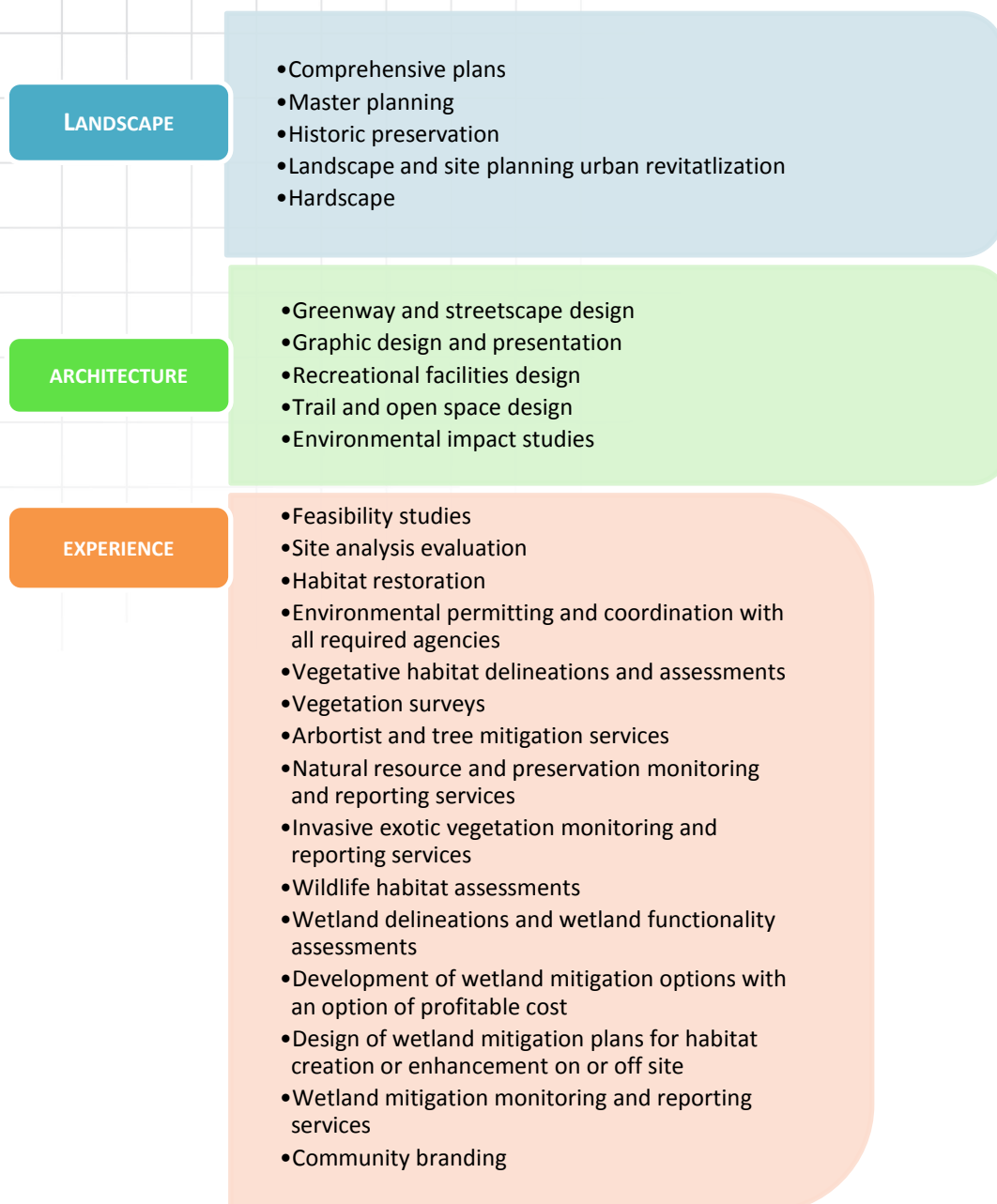
The Landscape Architecture group has considerable talent and ability within its ranks and also has the resources of the rest of the company to provide all services – expected as well as unexpected – that may be needed during the course of any project. The group has been able to successfully complete less traditional tasks such as applying for and obtaining grants to fund their landscaping projects: the City of Weston was the beneficiary of two separate grants for roadside landscaping. CGA was also responsible for the City of Dania Beach receiving a grant for median improvements landscaping.

The award-winning Landscape Architecture group prides themselves on their ability to coalesce

and develop designs that speak to the uniqueness of each 'place'. Community identity and branding are fundamentally important considerations for every project's approach, principally because agencies, municipalities and residents increasingly are becoming aware of the civic value in developing projects that speak to the uniqueness of their communities. These can be built upon the existing architectural character of an area, as we have done in Bay Harbor Islands and their incredible concentration of MiMo buildings, or it can be built upon existing unique natural resources, quality of life considerations, or character of life issues. At CGA, we are not in the business of producing imposing one-size-fits-all approaches to projects.

Customer satisfaction is our primary goal, whether a project involves development or redevelopment, inspection, reporting or design, private client or a public entity. Our broad range of project experience includes:

Landscape Architecture experience includes:



GENERAL PLANNING SERVICES



CGA is dedicated to providing innovative planning services that exceed our Clients' expectations. With a diverse team of professionals and technical staff, CGA possesses the expertise and experience that encompasses all facets of the planning and development process. The firm provides complete development and site-plan review services, including due diligence report writing, re-zonings, land use plan amendments, and comprehensive planning. CGA's planning staff possesses a thorough and complete understanding of planning processes from both a private and public perspective, ranging from the municipal to state-wide scales.

Several of our CGA planners currently serve as consulting staff members, as well as Community Development Directors, for several municipalities in Florida. This responsibility requires a complete understanding of planning policies and historic precedence to equitably administer zoning and developmental codes.

This role also requires stellar communication skills and the ability to maintain professional, working relationships with not only colleagues and staff persons but also with municipal officials, neighborhood activists and the community at-large. CGA anticipates regular dialogue and constant communication with City staff and stakeholders to ensure all work products satisfy all the necessary requirements.

CGA staff has worked on the Land Development and Zoning Codes for the cities of Miramar, Weston, Sunny Isles Beach, Treasure Island and the recently incorporated City of West Park in southern Broward County. Similarly, the Town of Surfside directed CGA to create a new form-based zoning code with much reliance on public input. A team of CGA planners and urban designers held a series of workshops, resulting in a document that was both generated through and is a reflection of citizen input.

Similar to our land development and zoning code experience, we provide current, comprehensive planning and/or zoning services to several municipalities throughout Florida and have acted as the primary Development Review Committee (DRC) consultant for a number of municipalities. These cities utilize CGA to perform site plan review services which include zoning, landscaping, engineering and traffic engineering. The applicants pay a cost recovery fee, which reflects the actual cost to perform the review. Through this mechanism, tax dollars are not used to cover the costs of site plan review. CGA's planning staff reviews the development plans within a timeframe established by the City, compiles comments, forwards the written comments to the City and attends the required meetings where they will be discussed.

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CIVIL ENGINEERING

CGA's Civil Engineering department has extensive experience serving as consulting engineers to over twelve (12) municipalities and six (6) drainage districts. An area of increased environmental concern is storm water collection and disposal. CGA is at the forefront of the latest storm water modeling software and techniques utilized to quantify pollution discharge and remedial technologies to improve water quality and runoff attenuation. Our experience and rapport with local and State agencies in charge of water management permitting has given way to innovative solutions to complex surface water management challenges. Throughout all phases of a project, CGA makes a commitment to provide the utmost levels of quality control and professionalism in the realization of the client's vision and plan. Additionally, we take great pride in always seeking mechanisms and means through which projects can be more sustainable on our economy and environment.

CGA engineering staff also creates, review, and update the codes, standards and ordinances for a number of municipalities. In addition we perform engineering site plan and engineering construction permit reviews for Dania Beach, West Park, and Weston.

Our staff' wide range of experience allows us to provide comprehensive civil engineering services such as:

- Force main replacement
- Watermain
- Sanitary sewer
- Sanitary pump station
- Stormwater management
- Special assessments
- Water and Wastewater Treatment Plants
- Storwater Management
- Municipal Facility Design & Permitting



CIVIL

- Cost estimating for horizontal improvements
- Expansion plans
- Odor control systems
- Design and permitting of municipal facilities
- Computer modeling for water distribution, wastewater conveyance, and stormwater management systems
- Utility rate studies
- Feasibility studies
- Design-build for utility infrastructure
- Design and permitting for infrastructure improvements



ENGINEERING

- Construction inspection and observation
- Municipal staff consultant reviewer for Site Plan and construction permit submittals
- Development of city engineering or planning standards, code, and ordinances
- Design of subaqueous and aerial crossings
- Utility bond program (\$100,000,000+)
- Special assessments and utility taxes
- State revolving fund (SRF)
- Preparation of a risk management program
- Storage tanks
- Evaluation of existing water distribution, wastewater conveyance, and stormwater



SERVICES



Stormwater Management-CGA has been the Drainage/Stormwater Management Engineer for the South Broward Drainage District (SBDD) since 1990. The firm was originally contracted to develop the first and only district-wide basin hydrologic and hydraulic analysis and stormwater comprehensive plan. CGA is also the District Engineer for Indian Trace Development District and Bonaventure Development District and has completed basin wide hydrologic and hydraulic modeling, including the master drainage system modeling, analysis and pumping station upgrades, large scale mitigation/wetlands plans and the updates of the comprehensive plan. CGA uses the latest in advance computer-assisted software technologies such as the Interconnected Pond Routing (ICPR), Hydraflow, Cascade and other current computer programs.

As District Engineer for ITDD, and BDD, our responsibilities include the review of all construction plans and specifications for conformance with the District criteria, as well as representation at District Board meetings to address technical and engineering issues. In addition, CGA has been successful in obtaining several millions of dollars in grants to accomplish the District's goals and objectives

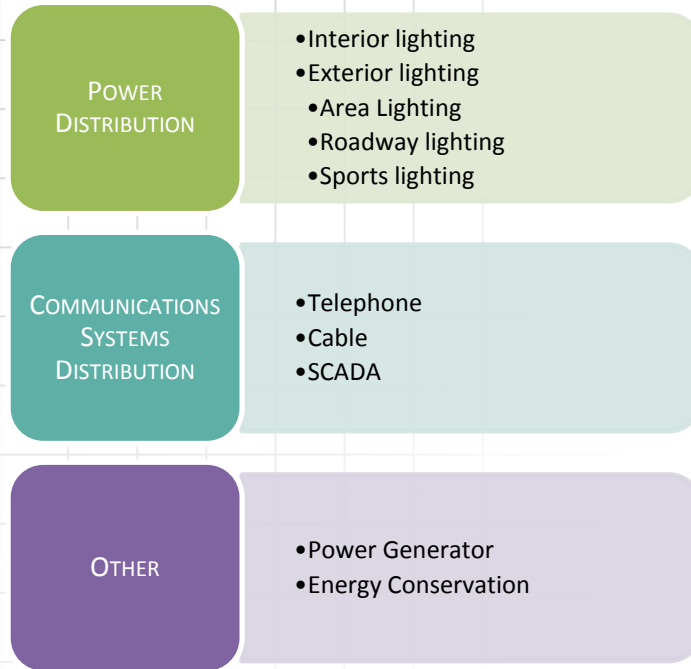
Furthermore, CGA has also developed stormwater master plans for several municipalities including the Cities of Dania Beach, Lauderhill, West Park, Weston and the Town of Surfside. Within these cities we have provided a number of stormwater-related activities such as stormwater modeling, drainage calculations, pump station design and/or pump station rehabilitation, NPDES MS4 compliance, culvert design, canal extensions and other related hydraulic structures.

Our experienced drainage engineers keep abreast of the latest EPA, FDEP and SFWMD regulations with respect to drainage issues. They regularly summarize new regulations, their impact on clients and recommend actions to comply with the new regulation(s). As a result, the Department of Environmental Resources Management (DERM) invited CGA to conduct a presentation entitled "**Florida Unified Stormwater Rule**" on site March 27th, 2009. DERM Engineers and many South Florida consulting firms attended the presentation.

ELECTRICAL ENGINEERING

The CGA Electrical Department has broad capabilities for the infrastructure and the end use development for commercial, industrial and multi-housing residential projects.

The types of services provided include:



ENVIRONMENTAL SPECIALTIES AND PERMITTING

The diverse and in-depth work experience of our environmental staff provides us with a critical understanding of current local and regional environmental planning and permitting issues and the historic impacts that have affected the southeast region, as well as the adaptive strategies that will be necessary to address climate change and rising sea levels. CGA's multi-disciplinary approach is reflected in the integrated partnership of our environmental department with the many disciplines of our firm.

The integration of technical field skills, regulatory details and overall project requirements allows us to address project needs from inceptions to completion. Our environmental staff routinely coordinates details with owners, developers, design engineers,



surveyors, as well as governmental agency. It is our goal to obtain reasonable, environmentally sensible solutions for our clients.

Our services include:

ENVIRONMENTAL

- Ecosystem assessments - wetlands, wildlife corridors, endangered plants/animals, critical habitats, salt and freshwater marshes, cypress sloughs, mangrove swamps, lake and estuaries, coastal dunes and upland habitats.
- Jurisdictional wetland (fresh and saltwater) delineations (USACOE, SFWMD, FDEP)
- Site development and feasibility studies

SPECIALTIES

- Develop new Comp Plan Conservation and Coastal Management Elements, draft plan amendments and conduct evaluation and appraisal reports. Develop new data, inventory and analysis
- Draft environmental land development codes
- Construction Contract Administration
- Grant Administration

PERMITTING

- Environmental Impact Assessments
- Design wetland mitigation projects, conduct monitoring and compliance reporting
- Environmental resource permitting for land development (wetland impacts, lake excavations, dredge-and-fill applications)
- Consumptive Use Permitting

TRAFFIC ENGINEERING/ROADWAY DESIGN



In today's "transportation focused" market, virtually every regional planning activity and site-specific development involves assessing traffic-related impact. Through combined experience in managing Florida Department of Transportation (FDOT), municipal and private-sector transportation projects, CGA developed a mutually beneficial approach that integrates all perspectives. CGA currently provide transportation municipal services to the Cities of Homestead, Lauderhill, Miramar, Parkland, Surfside, West Park, Weston and the Town of Lantana.

Roadway Design - CGA has considerable roadway design experience with a variety of municipalities and the Florida Department of Transportation. Our past projects encompass a range from small local roads in existing neighborhoods to large interstate highways. CGA has also organized public involvement workshops for many of these projects. The roadway design staff consists of five licensed P.E.'s and one licensed E.I. The roadway design department provides a full range of services including the design of geometric roadway features, traffic calming measures, signing & pavement markings, pedestrian and bicycle accommodations, site drainage, and maintenance of traffic; we also provide full utility coordination, as well as obtaining all permits required for the project. Several of our projects have included traffic calming measures such as roundabouts as part of an overall streetscape improvement project. Our staff is familiar with industry CADD standards and is able to provide AutoCAD plans (.dwg format) to the client.

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Our roadway design staff is experienced in the preparation and maintenance of project schedules and construction cost estimates. Throughout the design phase, our staff controls construction costs through constructible, cost-effective designs.

In terms of transportation, traffic services, and roadway design, CGA offers:

TRANSPORTATION & ROADWAY DESIGN	REGIONAL	PLANNING
<ul style="list-style-type: none">•Transportation element amendments and evaluation•Roadway design•Intergovernmental agency coordination•Major roadway improvements assessment•Regional transportation planning•Design, permitting, and construction management services for new roadways and existing roadway rehabilitation including local, collector and arterial roads.•Design and permitting of traffic calming improvements	<ul style="list-style-type: none">•Traffic signal warrant studies/signal design•Emergency evacuation studies and planning•Traffic safety studies and school zone consideration•Comprehensive traffic planning•Transportation concurrency management•Corridor studies	<ul style="list-style-type: none">•Conceptual engineering and design alternatives analysis•Traffic forecasting design•Municipal traffic review of the site plans and land development applications•Parking supply and demand analysis•Project implementation and funding source identification•Traffic calming grant and funding applications•Intergovernmental agency coordination and representation

LAND SURVEYING & MAPPING

CGA's Surveying and Mapping Division owns a Slurry excavation system that exposes existing utilities underground by a machine called the vaXcavator. Operated by one of the field survey crews, it allows us to obtain the sub-surface information and the horizontal and vertical locations required for design, while realizing cost and time savings for our clients. Additionally, our state-of-the-art Hypack software with Odom sounder allows us to offer hydrographic surveying services. By integrating with our Trimble GPS units, the equipment creates a three-dimensional model of the water body being surveyed and significant savings for our clients. The process we employ is equally as important as the equipment we deploy. All survey requests are assigned to licensed surveyor and mapper who act as the project manager. Fieldwork is researched and calculated in the office for the crews prior to going out into the field. The required data is collected electronically using total station instruments, and then downloaded at the end of the day into our computer system for analysis and processing. This data is then provided to our computer technicians to create the final product, all under the watchful eye of the project manager. After undergoing our Quality Assurance/Quality control process, the final product is delivered to the client.

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Safety is a primary concern at CGA; therefore, a mandatory maintenance of traffic (MOT) training is held twice a year for our field crews and field crew supervisors. Our field vehicles are equipped with strobe lights, proper signage, safety vests and cones. CGA utilizes the latest in cutting edge technology when preparing surveys to include GPS equipment, automated data collection, Laser Scanners, Underground utility detection technologies and Vacuum/Slurry subsurface excavation equipment.

The Surveying and Mapping Division offers the services, staff and technology to ensure that every survey project is executed successfully, and to our clients' satisfactions. CGA provides the following survey services:



- Boundary surveys
- Record (as-built surveys)
- Sub-surface utility location surveys



- Condominium document preparation
- Right-of-way mapping
- Topographic Surveys
- Utility and infrastructure layout



- Hydrographic survey
- Route surveys for engineering design
- Platting services
- Annexation maps

The Survey department maintains seven (7) field crews out of the Fort Lauderdale office and three (3) field crews out of our West Palm Beach office. Our firm has nine (9) survey grade GPS systems available and we are capable of both static and RTK GPS surveying. A standard inventory of survey equipment for each crew includes:

Calvin, Giordano & Associates, Inc.

CGA	SURVEY	EQUIPMENT
<ul style="list-style-type: none">• Total Stations data collectors and levels• Hydrotrac HT 100 Echo Sounder• Geopack CAICE, EFB, CEFB• Civil 3D 2008	<ul style="list-style-type: none">• Vector (GPS baseline processing)• Cyclone 5.6 Laser Scanning software• Tracemaster Pipe and Cable Locator• Leica Scan Station II	<ul style="list-style-type: none">• Microstation V8• AutoCAD• AutoCAD LDD 2008• Trimble Geomatic Office• VSI Vaxcavator (slurry excavation system)

CGA's six (6) professional surveyors (not including field crew) have nearly one hundred forty (140) years of collective surveying experience. In addition to Chapter 177, CGA's surveyors are familiar with Chapter 287.055, Chapter 472, Florida Statute, and 61G17, Florida Administrative Code.

CONSTRUCTION MANAGEMENT SERVICES



CGA has an outstanding in-house Construction Management team with the training, certifications, and experience to handle any roadway, bridge, building, park or utility construction project including urban roadway reconstruction, rural widening or resurfacing, fixed and movable bridges, drainage, lighting and signalization, as well as landscape installation/relocation inspection and maintenance monitoring services.

In addition, our team possesses the expertise to assist with numerous specialized construction services such as constructability reviews, traffic control plan analysis, environmental services, public information, survey, utility coordination, schedule and claims analysis, innovative contracting method recommendations, value engineering proposals, and innovative, project-specific special provision development to address unique technical or administrative aspects of a project.

Our knowledgeable staff will ensure the construction of successful, quality projects that are completed on time and within budget, yet with minimal impact to local residents, business owners and the public.

DATA TECHNOLOGIES DEVELOPMENT

The Data Technologies Development Department offers the latest in software and experience in Geographic Information System (GIS), Application Development, 3D Visual Animation, and Information Technology. CGA has always believed in breaking new ground with cutting-edge technology and providing these services to its expanding client base. Because of CGA's advanced capabilities with GIS, ESRI, the world leader in the GIS software industry, invited CGA to join its team of business partners.

GEOGRAPHIC INFORMATION SYSTEM (GIS)

Currently, CGA is providing full-scale GIS data development or implementation for the Cities of Weston, West Park, Surfside, Malabar, Sunny Isles Beach, and the South Broward Drainage District. For the City of Lauderhill, CGA completed multiple data conversion projects involving public utilities and data conversion into the ArcGIS 9.1 environment. Recently, CGA developed a zoning data layer in geodatabase format for Monroe County. Repeat municipal clients underscore the firm's understanding of city and county GIS, needs. They understand how they benefit by our having these technologies in place locally, which allows us to test run each module before deployment.

APPLICATION/DATABASE DEVELOPMENT

CGA has also integrated Application/Database Development into the department to escalate the value of custom end-user applications to our clients and to provide custom-designed interactive web-based applications. With CGA as the Application Service provider (server host), the customer benefits from CGA's latest technology and systems architecture that is required for the current competitive market. CGA's fundamental understanding of Application Development and Networking infrastructures provides our clients with a reliable and scalable solution.

3D ANIMATION

CGA realized the importance of 3D visual animation in helping clients "see" what a subdivision will look like before breaking ground or being able to "see" the interior of a model, room by room. CGA provides these innovative services and the feedback has been exciting. Clients recognize the impact this technology has when presenting projects to investors, City Commissions, bankers, and potential homebuyers. Imagine the value of visually flying through a subdivision, seeing every aspect of the development or selecting specific upgrades inside a model home and virtually walking inside, inspecting every room.

MICROBIAL ASSESSMENT AND INDOOR AIR QUALITY

CGA continues to take a leading role in the providing services that best suit the needs of clients in the South Florida region, with the addition of the Microbial Assessment and Indoor Air Quality Division. With the recent increase of mold claims and building-associated illnesses in South Florida, CGA now offers this vital service to an array of clients needing assistance with indoor air quality concerns. The department provides a full scope of indoor air quality consulting services ranging from baseline assessments to mold remediation oversight for the construction, development, insurance, investment, real estate, and property management industries. CGA employs state-of-the-art methodology and instrumentation for this line of services and maintains a staff of certified IAQ professionals to handle any concerns addressed by our clients.

CGA can provide the client with the following indoor air quality services:

Calvin, Giordano & Associates, Inc.

INDOOR

- Mold investigation
- Mold sampling, pre-and post remediation
- Baseline indoor air quality assessments
- Bacteria sampling

AIR QUALITY

- Airborne pathogen sampling
- Certified and experienced, unbiased recommendations
- Moisture intrusion assessments
- Mold remediation oversight and supervision

SERVICES

- Sick Building Syndrome investigations
- Volatile chemical sampling
- Long-term datalogging of various indoor air parameters

EMERGENCY MANAGEMENT

The Emergency Management Services Division offers local governments and businesses comprehensive emergency management planning, mitigation, training, exercise and regulatory compliance services. CGA is an innovative consulting firm with an extensive history of providing contractual government services for cities throughout South Florida. Our longstanding municipal partnerships and government experience enables CGA to offer a comprehensive package of contracting services to local governments of which public safety is a vital component. Our experienced emergency managers, planners, public administrators, engineers, public utility specialists, and information technology staff can pool their talents to comprehensively address the full-range of disaster preparedness, response, and recovery needs of your organization.

Specifically, CGA's Emergency Management department provides:

EMERGENCY

- Comprehensive emergency management plans and Redevelopment Plans
- Exercise and corrective action program with HSEEP Compliance
- Long Term recovery plan and post disaster redevelopment

MANAGEMENT

- Comprehensive emergency management plans and redevelopment
- Human resources and responder family plans
- Evacuation shelter plans

SERVICES

- Comprehensive training and outreach program
- Continuity of operations and business continuity plans
- Resource analysis and resource management plans

GRANTS APPLICATION SERVICES



CGA maintains a staff of approximately twelve (12) different professionals from a variety of disciplines including: Planning, Engineering, Landscape Architecture, GIS, Emergency Management, and Building Code Services; who are engaged in various aspects of Grants Applications Services. For over two decades these professionals have successfully identified, researched, applied for, received, administered and conducted contract compliance for a wide range of local, state and federal grants. Procuring and implementing these various grant programs have

allowed numerous projects to become a reality serving the local communities; whereas otherwise a lack of funding would have prevented their fruition. CGA's experienced Grants Application Services staff understands not only the process which needs to be pursued, but also the creative nature of this specialized service, and the implementation aspect which ultimately leads to the desired results. Services can be provided on an hourly, or project by project basis depending on the client's needs and circumstances.

DESIGN APPROACH – STITCHING STRATEGY

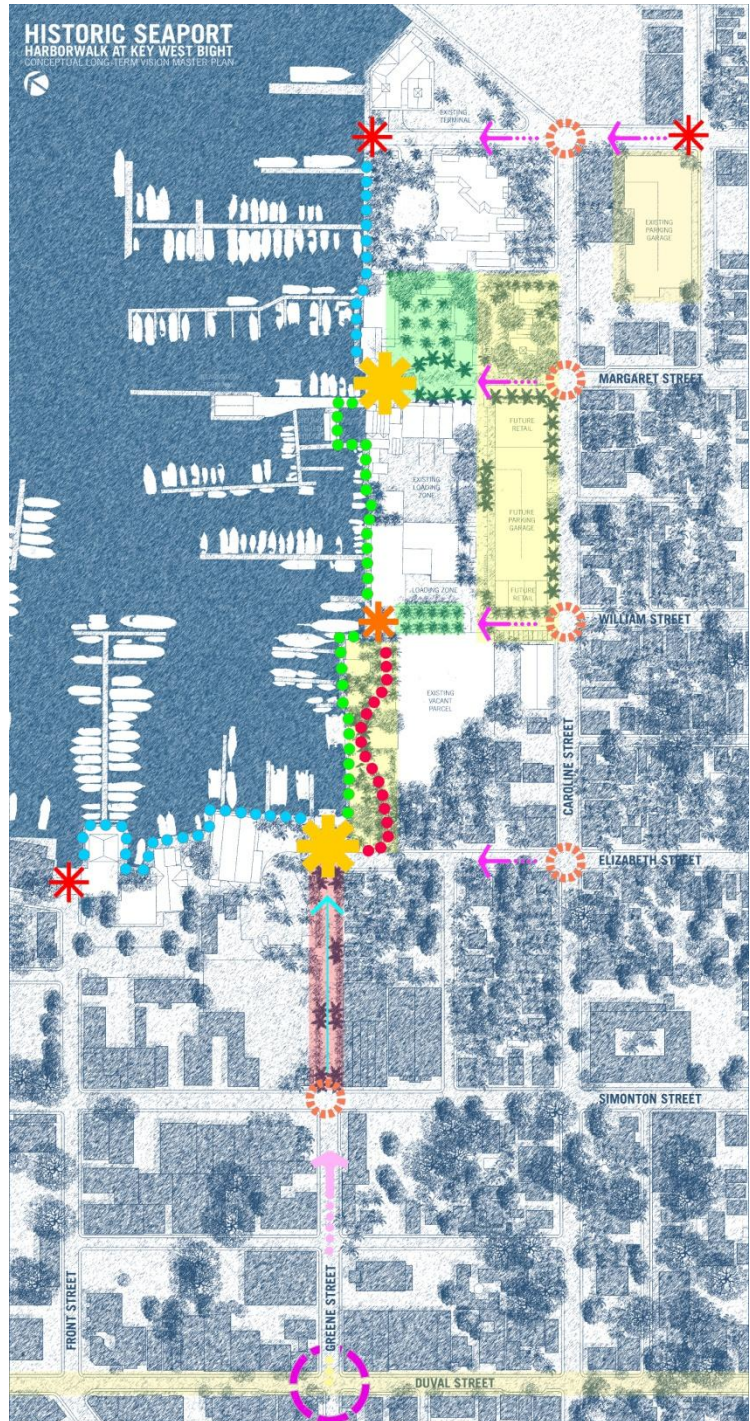
Programming Description

Stitching Strategy

In an effort to address the needs and the potential for character, identity and redevelopment of the area encompassing the Historic Seaport, it is necessary to understand the Harborwalk within the context of the greater area of Old Town and Key West. The exposed strategy strives to stitch the project into the workings of the existing urban fabric. The goals for these moves are to facilitate access, visibility and identity among residents and visitors in an effort to generate greater use and foster an increase in the economic and livability capitals of the area.

The strategy for the design approach seeks to:

- Establish a legible connection between the parking garage at Grinnell and James Streets and the Harborwalk
- Recognize Caroline Street as a threshold and connection to the Harborwalk
- Establish MAJOR anchor nodes along the Harborwalk at the street-ends of Margaret and Greene Streets
- Establish MINOR anchor nodes along the Harborwalk at the street-ends of Front, William and Grinnell Streets
- Build a strong, captivating connection between the Greene Street Plaza and Duval Street, to capture on an existing capital of visitors
- Enhance the under-utilized spaces and propose improvements that foster walkability, branding and connectivity throughout.



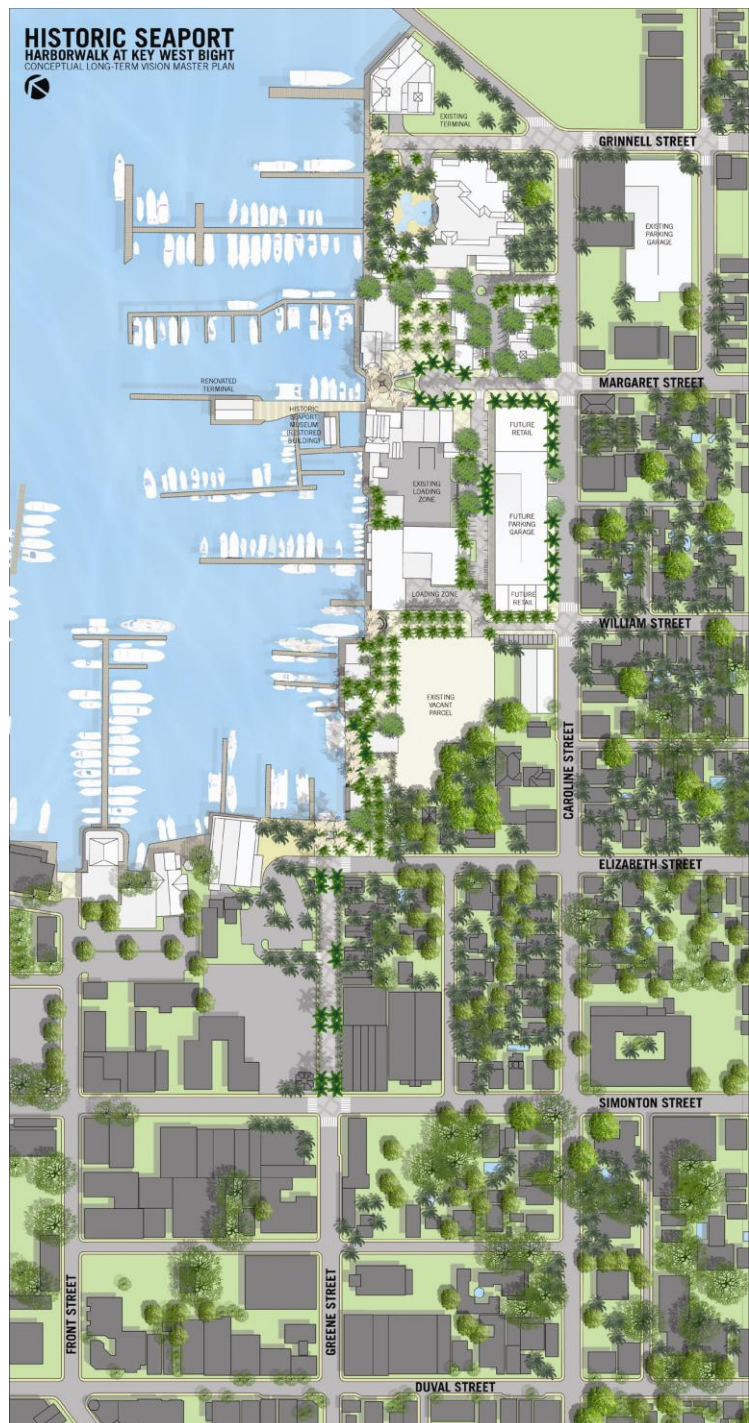
DESIGN APPROACH

Overall Implementation Description

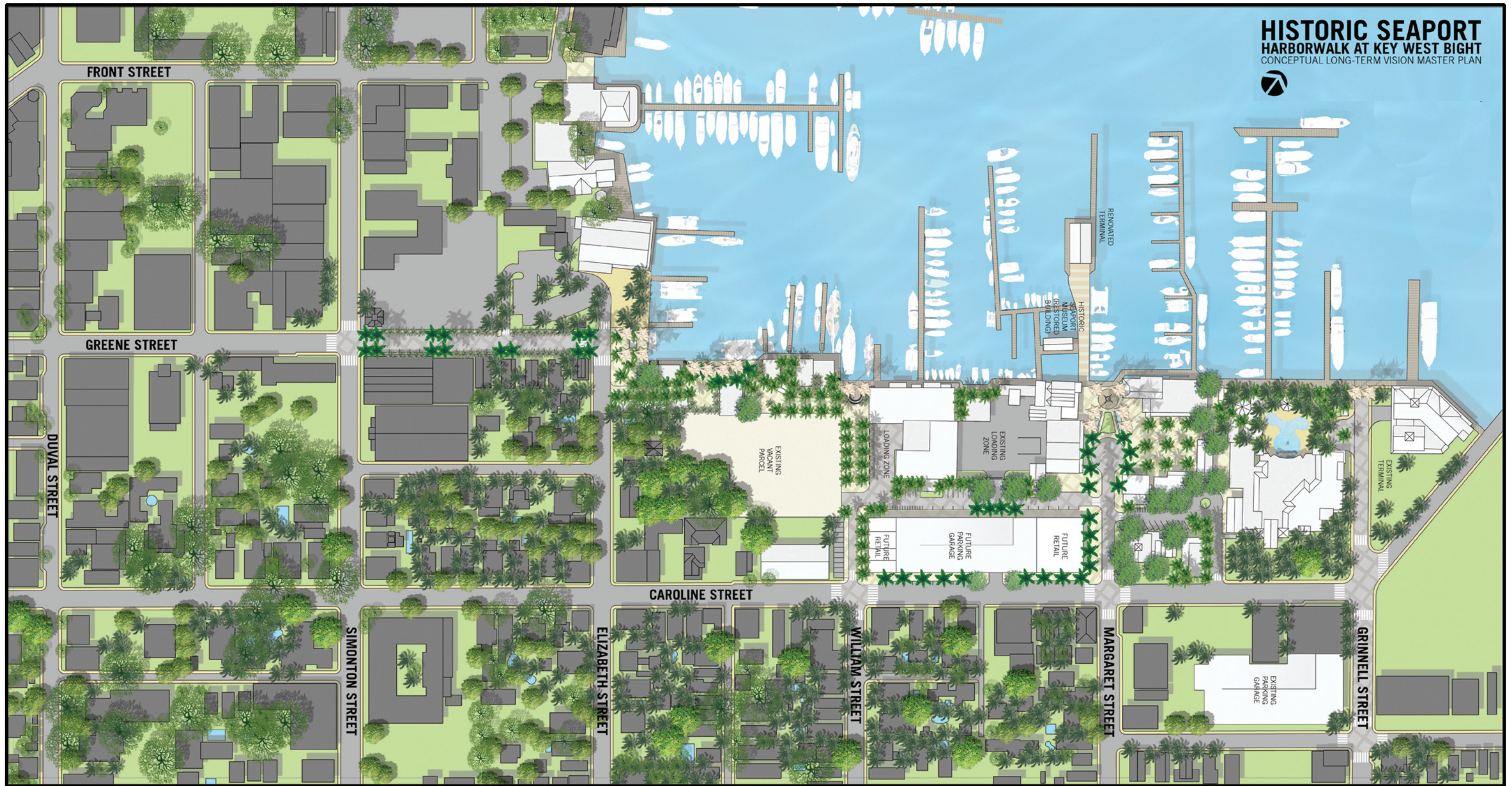
Overall Design

The result of this preliminary investigation and implementation strategy arrives at a design proposal that facilitates the branding and the strategizing for a phased approach to improvements that will result in a cohesive, continuous design of character and quality. The overall design recognizes that in order to draw visitors and further its economic sustainability, the area itself must become a destination in its own right. To achieve this, the implementation plan seeks to:

- Establish a clear legibility of the presence of a Harborwalk through the use of architectural beacons and urban treatments to stage its significance
- Delineate areas for pedestrians, vehicular access, vehicular parking, bike and scooter parking
- Use hardscape and paving treatments to establish a reoccurring theme that unifies the presently-fragmented experience of the Harborwalk
- Complement the hardscape improvements with landscape treatments that enhance view corridors, provide shade and foster a sense of leisurely stroll
- Provide ample locations and spaces where visitors can comfortably rest
- Provide strategies to minimize the overall visual clutter through standards that allow for customization without making the spaces seem sterile
- Accompany all spatial and physical improvements with a wayfinding system that contributes to the narrative of 'place'.



HISTORIC SEAPORT
HARBORWALK AT KEY WEST BIGHT
CONCEPTUAL LONG-TERM VISION MASTER PLAN



DESIGN APPROACH - HARBORWALK

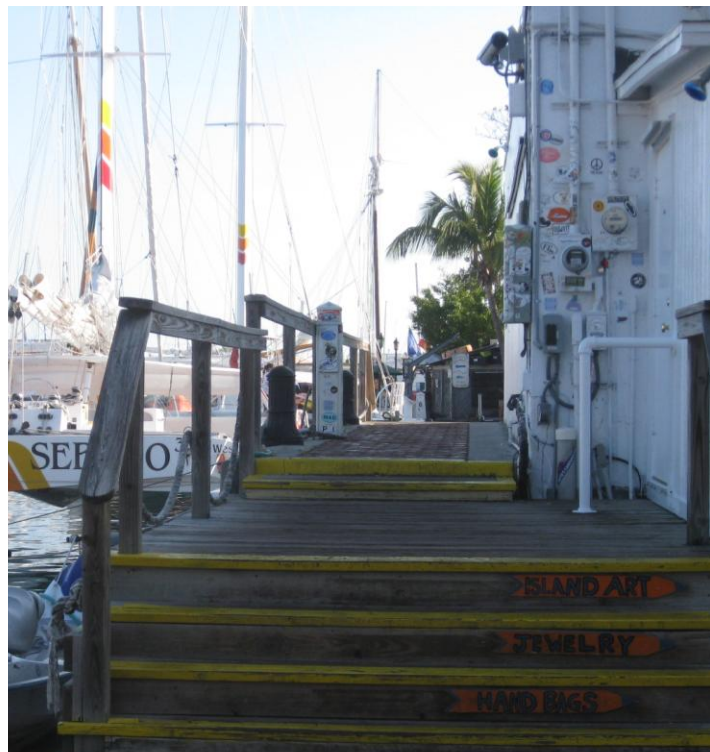
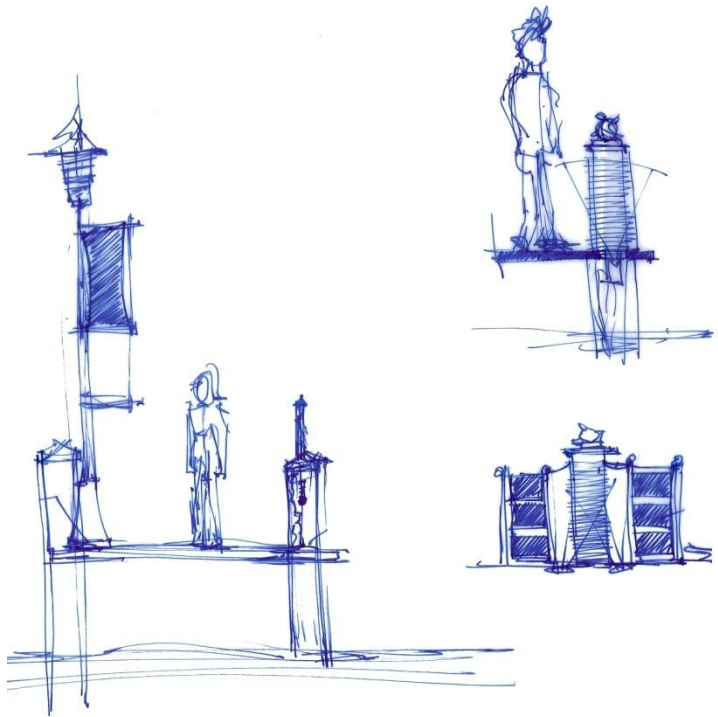
Component Description

Harborwalk

Of all the components of this project, the Harborwalk is at the core of the design. Explorations on successfully maintaining the continuity of character and design throughout is most imperative. The variety of material changes, the lack of proper ADA access, and the experiential disconnectedness of the overall area are present-day hurdles that need to be overcome.

While the experience of the Harborwalk is a very fragmented one, due to the consistent changes of direction, the changes in elevation and the bending of the paths, it does capitalize on the willingness of the tourist to explore and be led. This, coupled with the inherent appreciation and ownership the community has of it, has allowed it to maintain operational as a commercial corridor. Never the less, small gestures are anticipated to be used, together with the wayfinding, to add coherence to this experience. These include:

- Establish a standard design palette to designate an uninterrupted Harborwalk
- Build consistency into the typical section of the Harborwalk (ie, all pole lights should be in the same location), and
- Establish a standard sign-type and application that will facilitate the minimization of all the visual clutter brought on by all the commercial signage.



DESIGN APPROACH – WAYFINDING ELEMENTS

Component Description

Wayfinding Elements

Through this project for Entry Features, Streetscaping, Signage and Wayfinding the City has initiated an opportunity to develop a comprehensive environmental graphics program that will accentuate the aesthetic quality of life for the Historic Seaport, attract tourist, support business owners and develop community pride for the residents. No aspect of maintaining the historic urban character is more vital, yet less understood and appreciated than signs. The overall visual impression of a district can be significantly impacted by the collective image of signs. A well planned graphic identity will contribute enormously to creating a cohesive sense of place. These elements act as visual magnets to attract visitors and are the storyboards that reflect the area's history. Accessibility to services, whether on foot, by public transit, bicycle or by automobile, is not just a matter of courtesy and common sense. It is an economic necessity.

A comprehensive wayfinding Program has a unique economic impact by reinforcing a sense of prosperity, emphasizing the identity and accentuating the unique heritage and cultural values of a district. Architectural and graphic influences will define and help celebrate the seafaring tradition that lives on in the renovated Historic Seaport District's Harborwalk.



In support of the City's efforts to improve image and provide a strong sense of place, our approach to this project includes addressing the corporate identity, wayfinding elements and environmental design. These are the key elements of character. This approach establishes a methodology in which to supplement your goals and objects in print material. By combining two and three dimensional influences our services blend the experience of print graphics, graphic design, signage and urban planning. It is a unique approach to recognize the importance of graphic imagery and highly functional design insight as the methodology to establish the implementation strategy.

For the Harbor Walk at the Historic Seaport, way finding will organize the movement of pedestrians through the local environment using maps, signs, landmarks, and icons.

DESIGN APPROACH – BEACON FEATURES

Component Description

Beacon Features

An important component to the design is the use of architectural features to mark and signify the presence of the Harborwalk, especially when viewed from a distance, either from Caroline Street or from Duval.

Inspired by the sails and maritime history of the Historic Seaport, the design strategy envisions utilizing tensile canopy structures, design specifically for this location to serve as a major branding element. Its immediate connotation to the maritime aesthetic, height and its 'light footprint' make it a preferred design solution for incorporation into the planned plazas.

In addition, the design envisions that these sail posts structures will be fitted with illumination fixtures. These will allow the structures to be lightly washed with color at night, so they can have greater design impact and recognition.



DESIGN APPROACH – GREENE ST. CONNECTOR

Component Description

Greene Street Connector

Greene Street unarguably provides the best opportunity to connect to Duval Street and lure a captive tourist audience willing to walk and explore. Therefore, Greene Street is envisioned to be a major gateway to the Historic Seaport and to serve as one of two major nodes along the Harborwalk path.

Even though the distance between the Harborwalk and Duval Street is a walkable 3 minutes (0.18 miles), the visibility of the Historic Seaport District when standing at Duval Street is not an inviting one to engage. Overhead wires, light posts, signage, haphazard parking and a variety of hardscaping conditions all deter from inviting a visitor - it lacks the legibility of a destination.

The general strategy is two-fold:

First, the project will create a reason to go to the Harborwalk. A plaza peppered with active street vendors and beacons by tall architectural features will serve as the destination.

Second, the project will build a linkage and a prominence to the experience through streetscape improvements from Elizabeth to Simonton Street. This 'reach' gestures to the pedestrians along Duval Street that something of importance and of value is occurring at the end of the street.



Envisioned Strategies

- Provide streetscape improvements with bulbouts and designated parking areas between Simonton and Elizabeth Streets
- Upgrade planting with palms and vegetation that provide character and shade without adding to the visual heaviness of large canopies
- Extend a paving pattern between the sidewalk and the street throughout so as to convey and define the threshold for the project area
- Provide structured locations, cues and spatial defining elements so the public plaza environment is not overrun by vendors, clutter or signage
- Maintain the existing sculpture and integrate it into the design
- Realize a hardscape and softscape design that brands the experience and promotes its continuity throughout the rest of the project
- Enhance views to the additional nodal points along the Harborwalk

DESIGN APPROACH

Component Description



DESIGN APPROACH – LAZY LANE

Component Description

Lazy Lane

Lazy Lane truly provides an opportunity to enhance the Historic District with a truly unique experience. It is envisioned as a pedestrian-only promenade that is planned with a colonnade of palms, facilitating the locations of kiosks and vending structures such as those that already exist on the southern end. In fact, it is envisioned that the products that would be sold in this area would not be comprised of the myriad of souvenirs already available at Duval Street, but rather it should have the feeling of an artists' village where crafts and unique artworks will be available for the viewing and for purchase. It also provides an opportunity to connect a segment of the Harborwalk that is otherwise easily missed, providing these junctures both at the William Street plaza end and at the harbor front area, where the lane abuts the Harborwalk.

Lazy Lane is envisioned as an asset to the Harborwalk, especially to the segment adjacent to Jimmy Buffet's recording studio building. While the rest of the Harborwalk is comprised of wooden corridors, sometimes too narrow for comfort, funneling people to and from, Lazy Lane will be a place where the visitor can slow down, purchase crafts and spend leisurely time in a widened comfortable environment.



Envisioned Strategies

- Close all access to Lazy Lane to vehicles and make it only a pedestrian pathway
- Allow abutting uses to spill-out and utilize the area for seating, performance area and catalyzing social activities
- Enhance the connection between Lazy Lane and the Greene St. street-end plaza.
- Provide locations for fixed vendor shelters, similar to the bungalows presently in use, where permanent vendors can be housed
- Design an environment that fosters a high intensity of activity
- Provide ample seating to take advantage of both the confluence of visitors and the views out to the Historic Harbor as attractors
- Provide clearances and access so emergency and necessary service vehicles can access the entire Lane if necessary

DESIGN APPROACH

Component Description



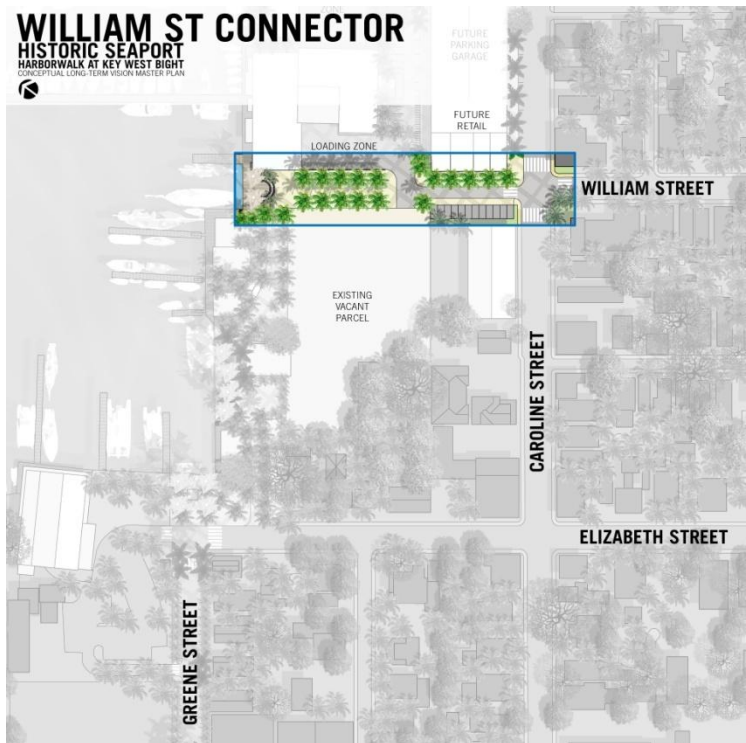
DESIGN APPROACH – WILLIAM ST.CONNECTOR

Component Description

William Street Connector

William Street is envisioned as a minor node among the stops and plazas connected by the Harborwalk, but it is as pivotal to the project as the major nodes. Presently it provides challenges to access, as the areas immediately north to the plaza are elevated and provide a hard transition between the street level and the walkway. The present-day arrival sequence is one that also deters engagement. The area is riddled with haphazardly parked vehicles, bikes and scooters, undefined pedestrian access routes, large spans of asphalt because of abutting loading zones, and poorly maintained planting. Vendors' kiosks truncate the view from the approach to the continuity of the Harborwalk.

The design envisions establishing a promenade that will eventually lead both into Lazy Lane and onto the Harborwalk. At the terminus of William Street, an elevated plaza will be situated to ease the visitor's transition to the level of the commercial establishments and to provide a differing vantage point. Most critically, William Street is re-envisioned as a one-way street, directing traffic from Caroline Street and up Dey Street to Margaret. This provides the opportunity to improve the existing infrastructure, make it pedestrian-friendly, build ease of connectivity and create a 'space' that isn't in competition with the vehicles.



Envisioned Strategies

- Reprogram the segment of William Street between Caroline St and Dey Street, as well as Dey Street to Margaret Street as a one-way road
- Provide regulated locations for bicycle and scooter parking
- Provide streetscape improvements to provide planting, paving and hardscape upgrades
- Provide and plan for future access to the existing vacant parcel abutting William Street
- Elevate street-end plaza to match elevation of Harborwalk west of William Street
- Provide connection and transition to Lazy Lane
- Site and locate vendors appropriately to not truncate view of the harbor
- Provide ample seating and pedestrian furnishings
- Maintain the existing sculpture and integrate it into the design

DESIGN APPROACH

Component Description



DESIGN APPROACH – UNDERUSED SPACES

Component Description

Underused Spaces

The existing parking lot between Dey Street and Caroline Street provides a great asset to the site. Presently, it lacks spatial definition and it is overrun by poorly maintained planting. It has the potential to alleviate the parking demands on the existing area by providing a perfect location for a parking garage. The vision for the parking garage would be one that supports use and retail facilities on the ground floor. At the book ends of the garage, it is envisioned that those areas could be lined with small commercial spaces fronting William Street and a large, national retailer fronting Margaret Street.

The improvements to the area are envisioned to work in tandem with this program. The commercial establishments on the harbor-side of Dey Street will have improved parking facilities and streetscapes, the impact of the loading zone area on the street-end plaza at William Street, will be minimized through the use of a fencing wall and landscaping. The streetscape components will be focused on continuing the connection and fostering a legibility of the project along Caroline Street.



Envisioned Strategies

- Establish build-to lines for future retail and parking facilities to provide the necessary streetscape qualities along all surrounding streets
- Re-engineer loading zone access, so as to minimize its impact on the public open space
- Provide ample planting and hardscape treatments to continue the theme throughout
- Minimize the impact of the mid-block service and loading areas with landscaping and a key-controlled gate
- Provide a branded façade facing Caroline Street to announce the Historic Harborwalk
- Provide a wide pedestrian promenade fronting Margaret Street to facilitate the use of outdoor eating areas, landscaping and pedestrian furnishings
- Promote an architectural character with the proposed facades consistent with the area.

DESIGN APPROACH

Component Description



DESIGN APPROACH – MARGARET ST. CONNECTOR

Component Description

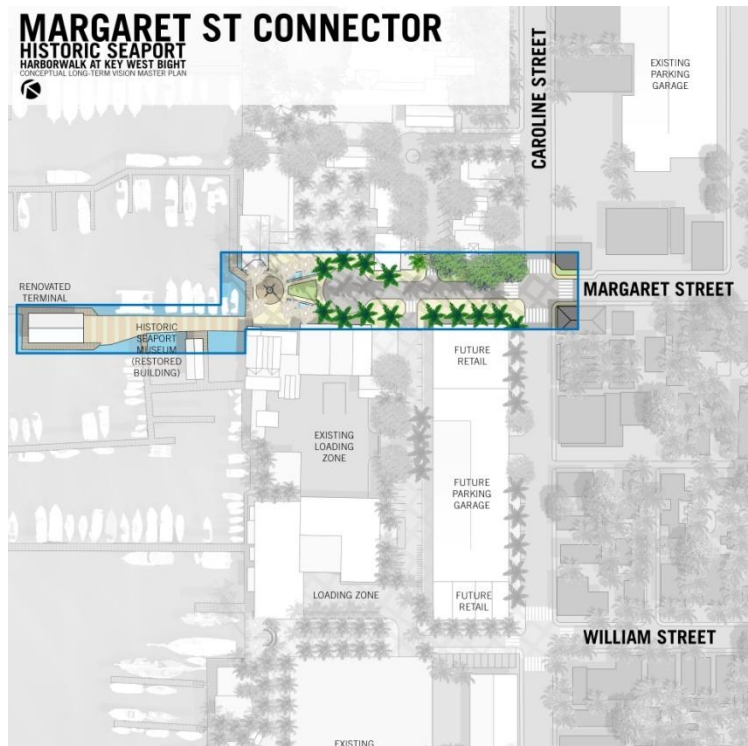
Margaret Street Connector

Margaret Street is envisioned as the second of the two major nodes of the project. Presently, Margaret Street leads into an existing parking lot that fronts the Half Shell Raw Bar. Pedestrians loosely share the same areas as the vehicles and visual clutter impedes a clarity and focus on the Harborwalk. Instead of the open space being the attractor, the commercial establishments act as the destinations of this area.

The vision for the Margaret Street connection is part of a two-fold strategy. The first is to mark the location as a destiny – one based on quality of environment and not on the commercial establishments. This will be done through the use of carefully orchestrated signage, planting and furnishings. The street end will be terminated with a turn-around and flanking sidewalks will be wide and comfortable to walk. Paving designs will be consistent with the overall theme of the District, taking design cues from the existing sculpture's compass at the end of Margaret Street and the area's history.

A strong connection to the renovated Dry Tortugas ferry terminal is envisioned to foster an engagement with the Harborwalk and to help catalyze increased visits to the Historic Seaport Museum.

The plaza will display several architectural beacon features to be used throughout the area, with lighting improvements consistent with the area.



Envisioned Strategies

- Re-engineer Margaret Street so it is centered on the existing sculpture
- Provide 11-foot wide travel lanes to minimize impact of asphalt areas
- Provide paving design throughout entire segment from the harbor-side terminus and inclusive of Caroline Street
- Establish a promenade feeling with royal palms and lighting so as to designate the scale and quality of the environment
- Locate architectural features so they are visible and frame the street view, while establishing a threshold to the Harbor
- Employ thematic design strategies to enforce connections to between Margaret Street and the Dry Tortugas ferry terminal

DESIGN APPROACH

Component Description



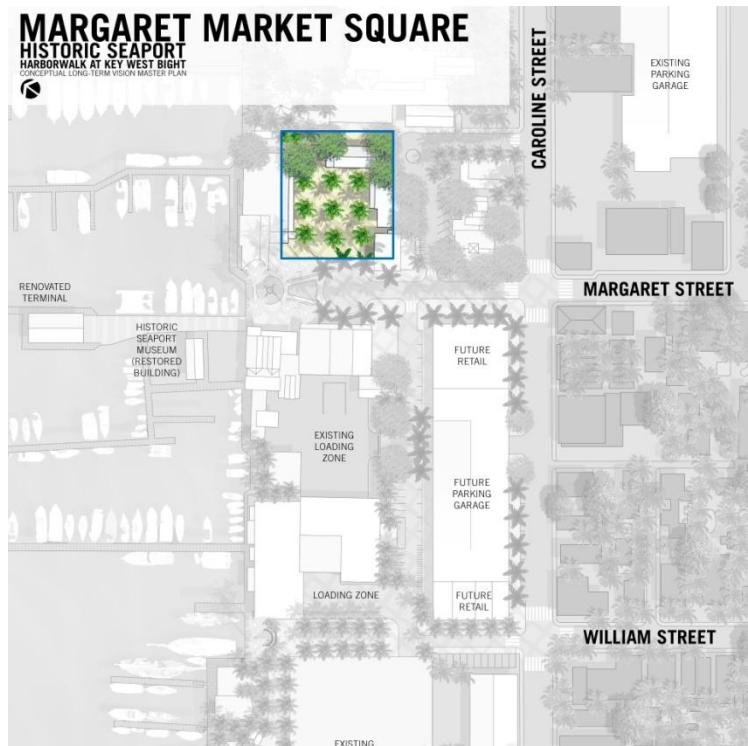
DESIGN APPROACH – MARGARET MKT SQUARE

Component Description

Margaret Market Square

One of the greatest challenges in encouraging visitors to engage and visit the Harborwalk is the need for an anchor. At its opposing end, the Greene Street Plaza, together with the Lazy Lane artist area, serves as the gateway experience to the Historic Seaport and it serves and the pivoting threshold connecting the district with Duval Street. The design envisions an urban open space in the form of a plaza replacing the existing parking lot fronting the Half Shell Raw Bar at the end of Margaret Street. This is a space with a great potential to promote a destination location for community-gearred activities. These can include weekend green markets, monthly antique markets, and other festivities benefiting both the tourist and resident populations.

Designed as a major destination, the Margaret Market Square is envisioned to have the pull to connect visitors to the Harborwalk who have arrived to the ferry terminal from Florida's west coast and who are filtering down the Harborwalk or Caroline Streets.



Envisioned Strategies

- Replace the existing parking lot with a public open space, designed as a plaza
- Utilize the paving design to facilitate surrounding commercial and restaurant uses to spill-out into the plaza without over-running its central space
- Provide canopy coverage with palms to maintain space open and uncluttered
- Provide access and connection to the passages east of the square to connect to the Harborwalk and driveway, to recapture visitors who have strayed towards Caroline Street
- Provide fixed seating arrangements that do not impede activity use
- Provide ample electrical connection locations to facilitate vendor use for local festivities
- Provide controlled signage and wayfinding to orient visitors towards the Harborwalk
- Incorporate a historical narrative into the design of the plaza's paving, detailing and thematic components

DESIGN APPROACH

Component Description



DESIGN APPROACH – SCOOTER & BIKE PARKING

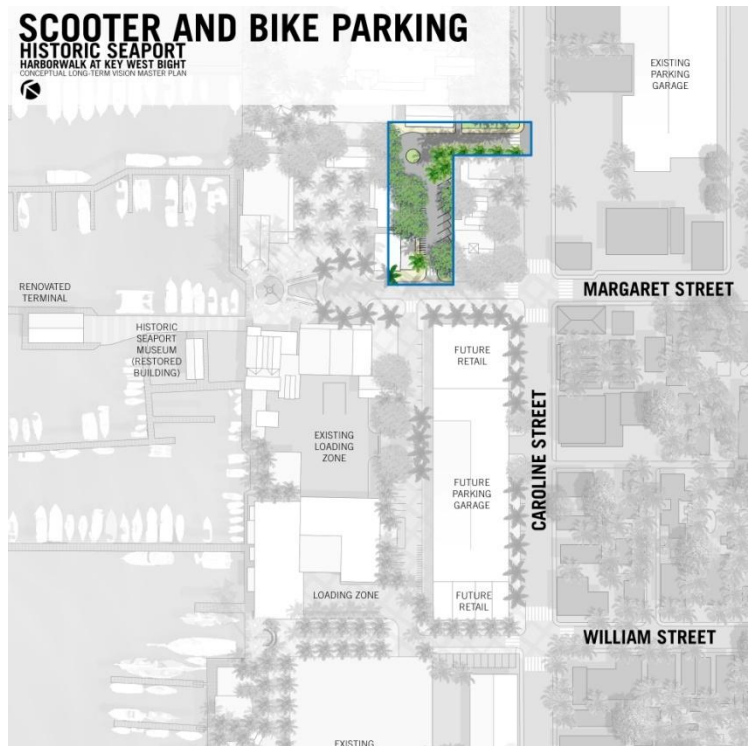
Component Description

Scooter and Bike Parking

Presently, the street-end plazas along the Harborwalk are riddled with loosely parked scooters or bicycles piled one upon each other. Together they contribute to the visual clutter, and unlike automobiles, are less located in planned favorable areas. A strategy to deal with these can be to create sheltered locations where they are screened from view. While this is successful, we have found that users find these cumbersome and eventually resort to old habits.

A successful strategy is to designate areas accessible to the users but in more desirable locations where they are not negatively impacting the overall aesthetic conditions. The vision has identified several locations where these can occur, such as the indicated area located behind the Flagler Station. These areas presently house metered vehicular parking areas, which can be alleviated with the provision of a parking garage as is envisioned abutting Caroline Street.

The improvements will constitute the design marking and striping of designated parking areas for both bicycles and scooters, screened behind landscape treatments so as to minimize their impact on the Margaret Street Corridor and Plaza.



Envisioned Strategies

- Relocated all scooter and bicycle parking areas to locations that are both accessible to and screened from the areas of social concentration
- Ensure that these areas are located where prominent social programming is planned

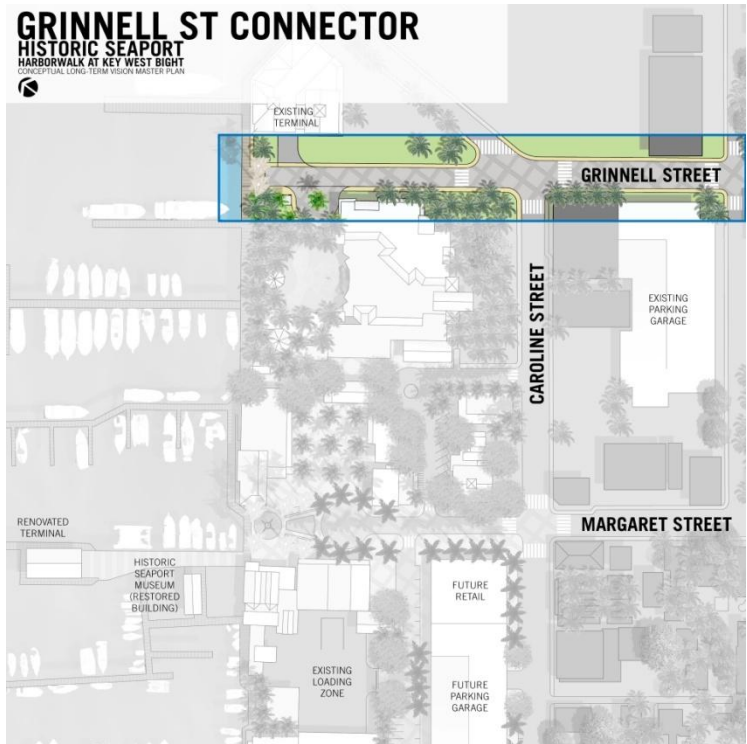
DESIGN APPROACH – GRINNELL ST. CONNECTOR

Component Description

Grinnell Street Connector

Grinnell Street provides an opportunity to connect both the visitors that arrive the Historic Seaport at the Ferry Terminal and those who park at the exiting parking garage at Grinnell and James Street. It is envisioned as a minor node, because of its scale. As such, it is envisioned to have signage and wayfinding consistent with the overall district and will provide a celebratory street-end plaza to mark the beginning of the Harborwalk.

Recognizably, one of the greatest challenges of the site is to effectively lead visitors onto the Harborwalk and not onto Caroline Street. Because of the restrictions on the Harborwalk's dimensions and because there isn't a clear sightline to the Margaret Street connection, it is anticipated that some of the visitors will filter into Old Town through Caroline Street, only to be reconnected at Margaret Street



Envisioned Strategies

- Establish the location and mark it as the beginning of the Harborwalk
- Enhance the plaza experience, so as to serve as an attraction and not seem like a dead-end condition
- Provide narrative and visual cues to lead pedestrians onto the Harborwalk circuit
- Provide paving connections between the parking garage and the Harborwalk

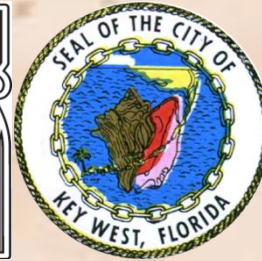


DESIGN APPROACH

Component Description



ORGANIZATION CHART



THE CITY OF KEY WEST

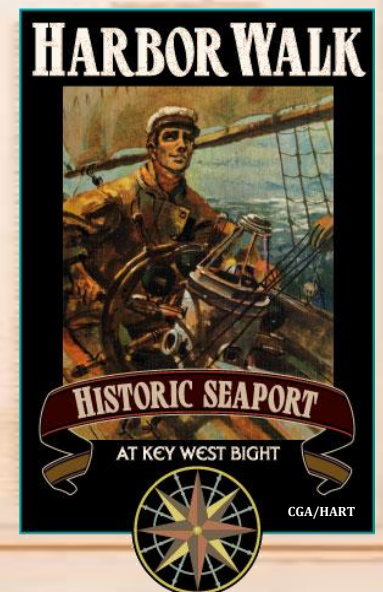
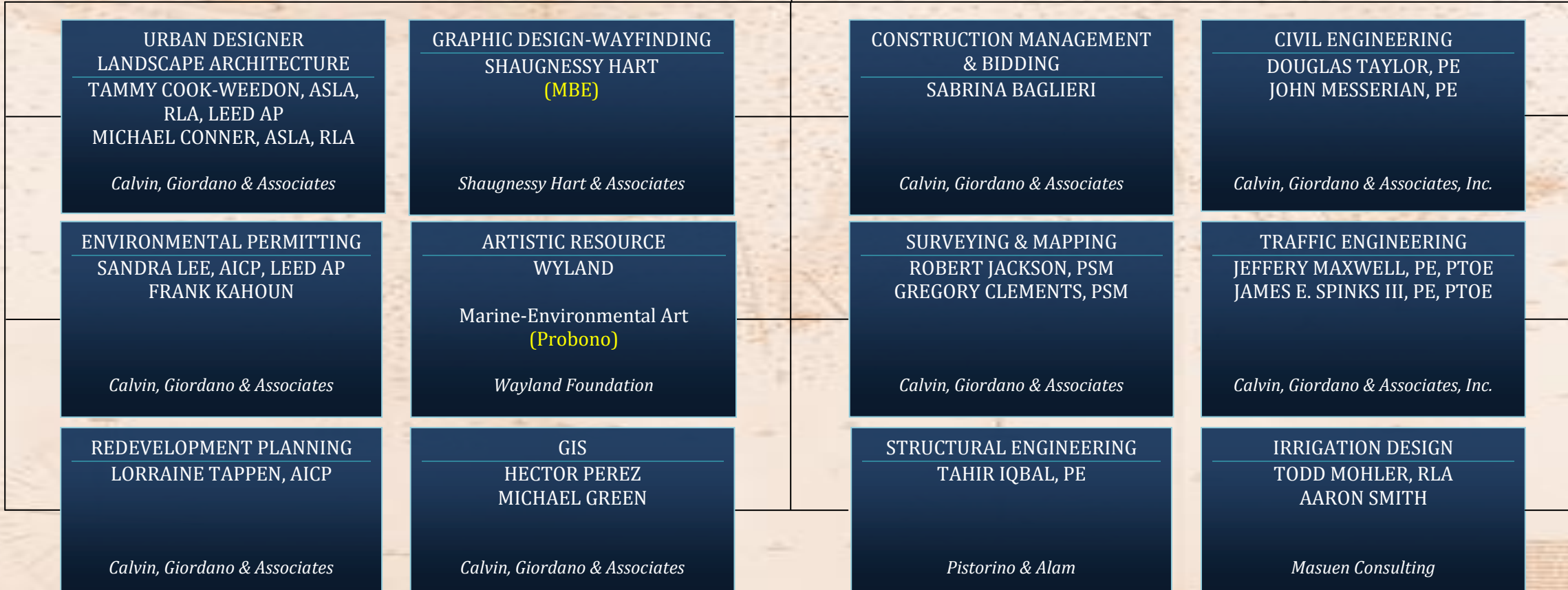
Request for Proposal
 Carolina Street Corridor and Bahama
 Village Community Redevelopment
 Agency (CRA)

*Key West Bight Design with Optional
 Project Management for Public Area
 Enhancement RFP NO: 004-10*

PRINCIPAL-IN-CHARGE
 DENNIS GIORDANO
Calvin, Giordano & Associates

CONTRACT ADMINISTRATOR
 RICHARD SALA, AICP, ICMA-CM
 Director Redevelopment
 & Urban Design
Calvin, Giordano & Associates

PROJECT MANAGER
 GIANNO FEOLI, ASLA, AIA
Calvin, Giordano & Associates



RICHARD D. SALA, ICMA-CM, AICP **Director of Administration, Redevelopment** **and Urban Design**

SUMMARY OF QUALIFICATIONS

Mr. Sala is an International City/County Management Association (ICMA-CM) credentialed professional, with a comprehensive, 24-year background in public administration, architecture, construction management and urban planning. He previously served as City Manager of North Lauderdale and Executive Director of the Hollywood Community Redevelopment Agency.

Richard joined the Calvin, Giordano & Associates, Inc. (CGA) team in August, 2009: as Director of Administration, Redevelopment and Urban Design. He is responsible for managing a variety of public and private ventures including public administration services, community redevelopment agencies and specialized urban design projects. Additionally Mr. Sala, focuses on business development, the marketing of InkForce technologies and CGA's portfolio of service delivery to local governments.

AREAS OF EXPERIENCE

City Manager for the City of North Lauderdale; FL. With a solid reputation in South Florida for his dedication to public service, Richard was appointed City Manager of North Lauderdale in July 2004, He was responsible for the management of 350 employees and the administration of a \$122 million dollar annual budget while building up record reserves, streamlining departments, outsourcing contract services and establishing a business like discipline and approach to customer service. Mr. Sala served as the Chief Administrator for North Lauderdale and the primary advisor to the City Commission on issues of policy.

Richard first joined North Lauderdale in 1991 serving as Assistant City Manager and Community Development Director for 9 years. His accomplishments included many economic development initiatives, 441 business corridor redevelopment and The City Place / Civic Campus which showcased the nation's first Charter High School, library and linear park.

Largely responsible for inspiring a new sense of excitement and relevance about the City, Richard remained true to the city's vision, Commission policy and his commitment to ensure quality services to the public; while enhancing its character with design improvements, quality development, marketing and special events.

Executive Director of the Hollywood; FL Community Redevelopment Agency. Mr. Sala was responsible for the beach area's economic and physical revitalization while balancing the protection of its natural resources. Under his leadership, since 2000, private sector investments were made on the beach through his initiatives to create public/private partnerships and a financial incentive program with area developers and banks. In just four years, the property value on Hollywood Beach increased to \$1.2 billion resulting from \$800 million in new construction and capital improvements with an expected \$700 million in private investments to follow.

Richard is the recipient of seven Florida Redevelopment Awards and his accomplishments have earned him national and local media attention with articles about his work appearing in Urban Land magazine and in South Florida CEO Magazine. Richard's marketing and tourism programs during his four years as the City of Hollywood's Director of Community Redevelopment resulted in Hollywood Beach being named one of the "Top Ten beaches" by Travelocity and AOL as well as Netscape Travel, outranking other world-famous beaches.

EDUCATION

Executive Program,
Business Administration /
Urban and Regional
Planning, University of
Miami, Florida

B.S. Architecture, Florida
International University,
School of Architecture,
Miami, Florida

B.S. Construction
Management, Florida
International University,
School of Engineering,
Miami, Florida

Continuing Professional
Development Programs
ICMA – AICP – FRA

PROFESSIONAL REGISTRATION

International City/County
Management Association
(ICMA-CM), No. 183029

American Institute of
Certified Planners (AICP),
No. 011717

PROFESSIONAL AFFILIATIONS

Florida Redevelopment
Association (FRA), State
Board of Directors

Urban Land Institute (ULI)

HONORS

International City/County
Management Association,
20 Year Public Service
Award

Wyland Ocean Challenge,
Environment Award

Price Waterhouse "Up and
Comers", Government
Award

Leadership Broward,
Florida Class XIV

Broward Latin Chamber of
Commerce, Government
Award

GIANNO ANTONIO FEOLI, ASLA, AIA **Urban Design and Branding**

SUMMARY OF QUALIFICATIONS

Mr. Feoli leads the Landscape Department in creative design strategies and whose specialties include urban design, contextual analysis and branding. His also leads all of CGA's master planning, community participation efforts and graphic communication services. His experience has encompassed a wide array of project-types, but his strengths lie in park design, streetscapes and urban interventions, and form-based urban design and planning.

RECENT PROJECTS

Beachwalk Master Plan, Surfside, FL

Project Manager, Lead Designer

CLIENT: Town of Surfside

Master plan of a 1-mile linear park that connects all street-end plaza components with access to the beach, including dune and turtle habitat restoration, branding sculptures, salt-tolerant character plantings, and specialty paving design.

92nd Street Park, Bay Harbor Islands, FL

Project Manager, Lead Designer

CLIENT: Town of Bay Harbor Islands

Site design and landscape design of a 2-acre urban community passive park with a dog run area, flexible open space, branded planting design, urban plaza and furnishings.

Peace Mound Park, Weston, FL

Lead Designer

CLIENT: City of Weston

Developed a design for a waterfront passive park that celebrates the existence of an archeological Tequesta Indian burial mound. The design sought to reflect the presence of the burial mound with elements abstracted from the Tequesta way of life and belief.

Doral Boulevard Beautification Master Plan, Doral, FL

Project Manager, Lead Designer, Workshop Facilitator

CLIENT: City of Doral

Streetscape and urban design for a 4-mile stretch of Doral Boulevard, creating planning zones, access management design recommendations, signage and gateway features, stipulating architectural relationships to improved sidewalk design and parking design recommendations.

Miami Gardens Town Center, Miami Gardens, FL

Project Manager, Lead Designer, Workshop Facilitator

CLIENT: City of Miami Gardens

Developed and TOD and Town Center design for over 100 acres of derelict and underutilized urban contiguous areas in preparation for the mass-transit MetroRail expansion and its new station scheduled at the site. The project consisted on the development of planning and design standards and ordinances that allowed for balanced densities to support the public transit system and a new commercially viable, walkable community.

EDUCATION

Master of Landscape
Architecture

Florida International
University, School of
Architecture, Miami, Florida

B.A., Architectural Studies
Florida International
University, School of
Architecture, Miami, Florida

PROFESSIONAL REGISTRATION

American Society of
Landscape Architects

American Institute
of Architects

Urban Environment League

TAMMY COOK-WEEDON, ASLA, RLA, LEED AP, Associate Director of Landscape Architecture

SUMMARY OF QUALIFICATIONS

Ms. Cook-Weedon leads the Landscape Architectural staff, founded on her over 23 years of Landscape Architectural experience with demonstrated strengths in creative design, graphic presentations, and planting design. She has successfully completed numerous large scale projects which encompassed design studies, planting designs, and the various intersecting professions and tasks necessary to manage the projects through to completion.

PROJECT EXPERIENCE

Hickory Point Recreational Facilities, Tavares, FL Landscape Architect

CLIENT: Lake County Water Authority

The project consisted of the site design of a waterfront park that included marinas, boat ramps, wetland educational boardwalks, environmental signage, fishing stations and a communal pavilion.

Joe DiMaggio Children's Hospital Visitor's Clubhouse, Hollywood, FL Landscape Architect/Project Manager

CLIENT: Memorial Healthcare System

Prepared the site and landscape design for a restorative garden with a playground area specifically for the use by children users of the Joe DiMaggio facility.

Gator Run Park, Weston, FL

CLIENT: City of Weston

Passive park design for a 5-acre community park including lighting improvements, continuous walking paths, children's play equipment, planting and irrigation design. The design provided a butterfly garden and shade structures in proximity to and to build strong connections with the adjacent elementary school

Charles E. Deering Estate at Old Cutler, Palmetto Bay, FL

CLIENT: Miami-Dade County Park and Recreation Department

Historical restoration and landscape design to repair the damaged areas of the estate following Hurricane Andrews devastation of the property, including detailed archeological planting design, habitat restoration and planting design for a new visitors' facility.

Sombrero Beach Park, Marathon, FL

CLIENT: City of Marathon

Park master plan and design for the creation of a beachfront park with dune access, volleyball courts, playgrounds, beach amenities, dune and turtle nesting habitat restoration.

Eagle Point Park, Weston, FL

CLIENT: City of Weston

Passive park design for a 4-acre community park including lighting improvements, continuous walking paths, children's play equipment, planting and irrigation design.

EDUCATION

B.S. Landscape
Architecture,
Texas A&M University,
College Station, 1987

PROFESSIONAL REGISTRATION

Registered Professional
Landscape Architect,
State of Florida No.
0001328

PROFESSIONAL AFFILIATIONS

American Society of
Landscape Architects Miami
Section Chair, 1997-1998

Broward Section Chair,
2003-2004

State conference
Sponsorship Chair, 2003

ASLA Executive Committee,
2004-2007

Magic of Landscapes Board
Member, 2006-2007

MICHAEL CONNER, ASLA, RLA **Senior Landscape Architect**

SUMMARY OF QUALIFICATIONS

Mr. Conner has over 23 years of experience in the municipal, commercial, and private sector work. As a Certified Arborist, he is also knowledgeable in all aspects of urban and community forestry planning and tree inventory/appraisal. His expertise lies in site planning, hardscape and landscape design for residential communities, commercial developments, roadways and institutional projects. He also has successful experience in park and recreation planning, wetland mitigation, contract administration, site inspections, and grant writing.

PROJECT EXPERIENCE

Library Park, Weston, FL

Project Manager, Lead Designer

CLIENT: City of Weston

Design of a 5-acre passive use park with outdoor classroom facilities and a historical narrative trail adjacent to a public library, a middle school and a high school. The scope included site design, planting and irrigation design, wayfinding, water features, security design, branding and restroom facilities.

Mary Saunders Park, West Park, FL

Project Manager, Lead Designer

CLIENT: City of West Park

Prepared landscape and irrigations design for facility and parking expansions, upgraded landscape planting and buffers, upgraded park infrastructure.

Tequesta Trace Park, Weston, FL

Project Manager, Lead Designer

CLIENT: City of Weston

Landscape park design for the upgrade of park facilities, new trails, expanded parking, and modification of park programming to include new entry signage and the replacement of the football fields with upgraded drainage systems.

Memorial Regional Hospital 35th Avenue Streetscape, Hollywood, FL

Project Manager, Design Team Member

CLIENT: Memorial Healthcare System

Developed a streetscape design and wayfinding for a re-dedicated roadway segment to the hospital campus as part of its continual expansion. This project comprises the first of several projects aimed for LEED certification within the campus.

Saddle Club Road Roundabout, Weston, FL

Construction Landscape Architect

CLIENT: City of Weston

Landscape design, traffic, electrical and civil engineering for a new roundabout, including the integration of landscape planting signage, branding, wayfinding, lighting, bicycle trails and pedestrian pathways.

NW 27th Avenue Streetscape, Miami-Dade County, FL

Project Manager, Lead Designer

CLIENT: Miami-Dade County

Developed a planting and irrigation design for the FDOT roadway through 2 cities and several districts. The project included design, permitting and the coordination of several consumptive-use permits for varying zones, wayfinding and specialty planting design to provide each city with their own character.

EDUCATION

Bachelor Landscape Architecture, Ball State University, Indiana, 1985

B.S., Environmental Design, Ball State University, Indiana, 1985

Ball State Honors College
Sigma Lambda Alpha
Landscape Architecture Honor Society

PROFESSIONAL REGISTRATION

Landscape Architect Florida License #LA0001181

ISA Certified Arborist License #FL0777

PROFESSIONAL ASSOCIATIONS

American Society of Landscape Architects
Chairperson - Broward Section in 1990

Florida Urban Forestry Council. Served as President in 1999

Landscape Inspectors Society of Florida
International Society of Arboriculture

ROBERT W. ROUSH, PE **Director, Electrical Engineering**

SUMMARY OF QUALIFICATIONS

Mr. Roush has been providing electrical engineering services for over 30 years. Mr. Roush is the Director of Electrical Engineering in the Fort Lauderdale office. His experience includes the marketing, quality control and design phase of electrical systems for transportation, commercial, industrial and institutional facilities.

PROJECT EXPERIENCE

- Pembroke Pines Water Treatment Plant, Pembroke Pines, Florida
- North Bay Road - Street Lighting, Bay Harbor Islands, Florida
- N.E. 172nd Street - Street Lighting, Sunny Isles Beach, Florida
- Advanced Technology Research Center, Oklahoma State University, Stillwater, OK
- Maintenance Hangar Complex, McGuire AFB, NJ
- Federal Express Hangars 11 & 12, Memphis, TN
- United Airlines Line Maintenance Facility, Denver International Airport, CO
- Orthopedic Surgery Pavilion, Fort Worth, TX
- Wash Rack Modifications, American Airlines, Alliance Airport, Fort Worth, TX
- Hangar Modifications, American Airlines, Alliance Airport, Fort Worth, TX
- Education Service Center Expansion and Renovation, Region XI, Fort Worth, TX
- Christendom College Library, Front Royal, VA
- US Navy Bachelor Enlisted Quarters, Design-Build, Yorktown Weapons Station, Yorktown, VA
- National Geospatial and Intelligence Agency, Office Renovation – 40,000 SF – Maury Hall, Bethesda, MD
- National Imagery and Mapping Agency, Office Renovation – 52,000 SF – Maury and Abert Halls, Bethesda, MD
- DC Government, DC Armory, Replacement of Electrical Systems and Fire Alarm System, 588,000 SF
- Mobile District Corps of Engineers, Digital Multiple Range Complex 15% Design, Fort Carson, CO
- National Institute of Standards and Technology, Replacement of Mechanical and Electrical Systems in Buildings 220-226; Investigative Study and Report with Development of Three Schemes; Replacement of Mechanical and Electrical Systems in Building 222.
- National Institute of Standards and Technology, Study of Emergency Power for Building 225; Design/Build Emergency Generator and Chiller for Building 225
- Department of Housing and Urban Development, Office Realignment – 72,000 SF
- Washington National Records Center, Suitland, MD. Design/Build Replace Stack Air Handling Units, Revise Lighting System, Revise Electric Distribution and Provide Emergency Power, Revise Fire Detection and Alarm System.
- Federal Reserve Board, 1709 New York Avenue. Switchgear Replacement, including distribution panelboards. Replace aluminum feeders with copper feeders.

EDUCATION

B.S. in Electrical Engineering, Oklahoma A & M College (Oklahoma State University), 1957

PROFESSIONAL REGISTRATION

Professional Engineer, State of Oklahoma, License No. 8692, 1971

State of Florida, License No. 20957, 1974

State of Colorado, License No. 14141, 1976

State of Texas, License No. 41180, 1977

State of California, Electrical – License No. E9862, 1978

State of Arkansas, License No. 5888, 1984

State of Iowa, License No. 11206, 1988

State of North Carolina, License No. 024844, 1999

State of Maryland, License No. 27111, 2002

State of Virginia, License No. 0402 036863, 2002

District of Columbia, License No. PE900671, 2002

State of Tennessee, License No. 111799, 2007 (Inactive)

State of Delaware, License No. 15194, 2007

National Council of Engineering Examiners, No. 7928, 1988

Robert W. Roush, PE, Page 2

PROFESSIONAL ORGANIZATION MEMBERSHIPS AND OFFICES HELD

- Illuminating Engineering Society of North America
 - Past Sustaining Member – Roush Engineering Company, Inc.
 - Past President - Central Oklahoma Chapter
 - Member - Health Care Facilities Committee
- National Society of Professional Engineers/Oklahoma Society of Professional Engineers
 - Professional Engineers in Private Practice-Past State Chairman
- Institute of Electrical and Electronics Engineers
 - Life Senior Member
 - Past Chairman – Central Oklahoma Chapter
- Power Engineering Society/Industry Applications Society
 - Past Chairman
- Computer Society
- American Consulting Engineers Council/Consulting Engineers Council of Oklahoma
 - Past Member of Membership Committee

AWARDS

- IES Lighting Design Award of Merit,
 - Mercy Hospital, Oklahoma City, OK
 - Presbyterian Hospital, Oklahoma City, OK
- IEEE, Oklahoma City Section
 - Engineer of the Year in Management 1977-78
- Owens Corning – Energy Efficient Office Building
 - 1978 – State of California – Sacramento Site No. 3 - National Competition

PUBLICATIONS

- Consulting Engineer, April, 1977: “Safety Aspects of Industrial Plant Design” - Contributor
- Consulting Engineer, January, 1979: “Design for Energy Conservation – Health Care Facilities” – Contributor
- AIA International Conference on Daylighting, Phoenix, Arizona – February, 1983, “The Application of Daylighting in Commercial and Industrial Buildings” - Co-author

PRESENTATIONS

- IEEE Power Engineering Society, Oklahoma City Chapter, “Unique Distribution System for a Modern Hospital”, 1973
- IES, Central Oklahoma Chapter, “Tour of Presbyterian Hospital”
- IEEE, Region Five Annual Conference, “Sacramento Office Building”, 1978
- Regional Daylighting Center of the Daylighting Network of North America, Texas A & M University, 1987 - “Electric Integration with Daylighting”
- General Services Administration, Advocacy for Design Excellence in HVAC, Denver, CO, October 24, 2001 - “Natural Lighting in Existing Office Buildings”
- General Services Administration, Advocacy for Design Excellence in HVAC, Pittsburgh, PA, May 10, 2002 - “Daylighting in Atria”

SANDRA LEE, AICP, LEED AP **Director, Environmental**

SUMMARY OF QUALIFICATIONS

Ms. Lee has over 17 years of professional experience and leads CGA's Environmental Planning Department coordinating our regulatory permitting, environmental planning, site assessment, resource management and environmental technical support services. Ms. Lee has worked closely with the City Administration, Code Compliance and Building Departments to provide seamless, efficient services to the community. In general, Ms. Lee:

- Provides permitting services for environmental resources permits at the local, state and federal level
- Coordinates interagency and multi-disciplinary team efforts
- Provides the most feasible development and mitigation options, and the probable costs for mitigation options
- Provides tree mitigation plans and tree removal permitting services

PROJECT EXPERIENCE

Carr Residential, LLC, Projects

- Aqua Isles: Supervised the remediation within a mangrove wetland habitat adjacent to this multi-family residential development project which included a marina. Processed permit modifications to increase boat slips.
- Villas at Harbor Isles West (Cocoplum): Obtained permits for mangrove impacts adjacent to the entrance way.

Environmental Resource Permitting Projects

- Blessed John XXIII: Obtain a ACOE, a Broward County and SFWMD permits for the development site and the off-site mitigation area utilizing previously purchased mitigation conducted at Silver Lake along with off-site mitigation
- Orangetree Blossom/Miramar Pinelands: Coordinated permitting through the ACOE, Broward County & the SFWMD with mitigation plan components from multiple firms, tri-party agreement with County Commission approval for mitigation construction on County Park land
- Pembroke Harbor: Coordinated final issuance of permits, with multiple firms, utilizing 34 acres of on-site mitigation and the purchase of 55 credits from the FPL EMB; modified the issued permits for a roadway extension including additional wetland impacts.
- Verizon Wireless: Obtained permit transfer for Verizon and permit modification for a Verizon project with AT&T as a co-permittee, modified the mitigation plan
- Weston: Re-permitted Increment III of the Weston DRI through Broward County EPD and amended the Increment II Conservation Easement dedicated to FDEP
- Meadow Pines: Acquired modifications to the environmental permits to reflect site layout and conservation area revisions
- Our Lady of Mercy Cemetery: provided permitting services for ACOE permit for the western expansion of the cemetery
- Our Lady Queen of Heaven Cemetery: acquired tree removal permit to expand burial grounds and produced the tree mitigation plan

Pines Boulevard widening project

Completed Contamination Screening Evaluation Report and State Environmental Impact Report

EDUCATION

M.A. Biology/Ecology,
Magna Cum Laude
St. Cloud State University,
Minnesota

B.A. Biology/Botany, Magna
Cum Laude St. Cloud State
University, Minnesota

PROFESSIONAL REGISTRATION

American Institute of
Certified Planners
No. 018627

Green Building
Certification Institute
LEED A.P. NO. B169EF9725

AFFILIATIONS

South Florida Chapter of the
U.S. Green Building Council
Secretary, Greenhouse Gas
Reduction Subcommittee of
the Broward County Climate
Change Task Force

DOUGLAS R. TAYLOR, PE **Director of Land Development**

SUMMARY OF QUALIFICATIONS

Mr. Taylor has been responsible for a multitude of municipal engineering and development projects throughout Florida. He has 25 years of experience in civil engineering and is a registered Professional Engineer in Florida, Colorado, Illinois, Iowa and Wisconsin. His background includes the design, permitting, and construction-related services for municipalities and private clients throughout Florida and the Midwest. Additionally, he has performed feasibility studies, preliminary and final site engineering, due diligence, construction inspection and certifications.

Mr. Taylor has designed tens of miles of roads, watermain, sanitary, and storm sewers, along with thousands of acres of grading, drainage, and stormwater management on municipal, commercial, institutional, recreational, and industrial projects.

SAMPLE PROJECT EXPERIENCE

Griffin Road, FL; Project Manager, Engineer of Record. Milling and resurfacing of two miles of highway and the addition of two lanes of new roadway to create a four lane section. This involved the addition of water quality improvements.

City of Oakland Park, Kimberly Lake Flood Control and Water Quality Enhancement Project., Oakland Park, FL, Project Director. The 72 acre Kimberly Lake drainage basin had been an area prone to extreme flooding for a number of years. The City of Oakland Park commissioned wished to develop alternate solutions to mitigate the flooding issues and present those to the City Commission. Mr. Taylor helped the City to secure a \$2,600,000 FEMA HGMP grant for a major portion of the construction. He directed surveying, engineering, consensus building, liaison with governmental agencies, and construction related services on the project. The new designed has met and even exceeded original expectations.

Cougar Lane, Coconut Creek, FL, Project Manager. Design for milling and resurfacing, and drainage retrofit for one half mile of existing roadway in Coconut Creek.

City of Oakland Park, Community Redevelopment Area (CRA), Oakland Park, FL, Consultant Project Director for the Community Redevelopment Area. He acted as Consultant PM for CRA Designed drainage, utility, streetscape and landscape improvements for the Oakland Park CRA. Duties included overall concept development through permitting and construction.

NW 12th Street Improvements, Oakland Park, FL, Project Director. Mr. Taylor designed roadway improvements, drainage improvements, pavement marking and striping for a street renovation project in the downtown area of Oakland Park.

New River Village, Ft. Lauderdale, FL, Civil Project Manager. The project was a 26 story, 398 unit multi-family development over a 6-story parking garage located on the New River in downtown Ft. Lauderdale. Site development design tasks included drainage design, utility design, paving and coordination with structural and architectural professionals.

EDUCATION

BS Civil Engineering
University of Illinois
1984

PROFESSIONAL REGISTRATION

Florida PE No. 50569

PROFESSIONAL ASSOCIATIONS

Urban Land Institute
Intl. Council of Shopping
Centers

JOHN MESSERIAN, PE **Director, Municipal Engineering**

SUMMARY OF QUALIFICATIONS

Mr. Messerian has more than 35 years of professional experience in project management, planning and design of roadways, drainage projects, and general civil projects. His extensive experience with construction, and thorough knowledge of codes and regulations as they apply to each development, is an asset for any project. As director of the municipal engineering division at CGA, he serves as a single point of contact for clients, and is fully responsible for project activities and objectives. To meet the deliverables under his direction engineers are compiling designs and construction documents for a multitude of projects totaling more than \$20 million in construction costs.

SAMPLE PROJECT EXPERIENCE

North Shore Improvements, Miami Beach; Performed and managed design services and construction documents for 4,555 linear feet of water mains, service laterals, fire hydrants, milling, and paving.

Atlantic Isles, Sunny Isles Beach; Design, permitting, and construction documents for 2,500 linear feet of sanitary sewer collection system, pump station, force mains, drainage improvements, resurfacing and street lighting

City of Dania Beach Basin 5 Drainage Improvements; City consulting engineer, implementing drainage improvements projects encompassing an area of approximately 400 acres, water distribution system, sanitary collection system, sanitary and storm water pump stations, and force mains.

FDOT District 4, Andrews Avenue Roadway Improvements, Broward County, Florida; Project engineer for reevaluation and design of roadway improvements, including drainage problems. Completed plans for turn lanes, pavement milling, and drainage revisions to alleviate flooding of adjacent properties

Pine Island Road; Project engineer for roadway improvements and drainage design. Completed plans for widening, turn lanes, pavement milling, pavement design, and drainage improvements. Coordinated signalization, access, and landscaping.

Town of Surfside Drainage Improvements; Project Manager for the management system study and plans preparation to retrofit the existing drainage system

Grant Experience; He has successfully identified, researched, applied for, received, and administered many grants, state revolving funds, general obligation bonds, special assessments and other revenue sources. assisted CGA clients with funding sources from project concept to project completion. The grants for infrastructure have included water distribution, sanitary sewer collection, storm water management, streetscape, parks, and many other public projects. Procuring and implementing these grant programs have allowed numerous projects to become reality in many local communities.

EDUCATION

Graduate Studies in Environmental Sciences, West Virginia College of Graduate Studies, 1973

Bachelor of Science in Civil Engineering, Marshall University, 1971

PROFESSIONAL REGISTRATION

Professional Engineer
State of Florida, No.47810

Professional Engineer
State of West Virginia,
No.47810

Professional Engineer
State of Kentucky,
No.47810 (Inactive)

LLS, West Virginia,
No.0495

LLS, Kentucky, No.3135
(Inactive)

General Contractor
(Inactive)

JEFFERY A. MAXWELL, PE, PTOE **Director of Traffic Engineering**

SUMMARY OF QUALIFICATIONS

Mr. Maxwell has 12 years of management experience in traffic, transportation and land development engineering. He has a strong record of success in managing new markets and territories while simultaneously creating and strengthening traffic engineering departments. He has extensive experience working directly with governmental review agencies including the Florida DOT, Colorado DOT, Arizona DOT and Nevada DOT as well as MPO's and local government agencies.

PROJECT EXPERIENCE

SR 80 Access Control Plan in the Vicinity of Loxahatchee Groves, Palm Beach County, Florida. Traffic and transportation analysis and design for an access control plan of SR 80 in the vicinity of Loxahatchee Groves. The project included intersection analysis, site access analysis, definition of performance standards, stakeholder and general public outreach and coordination with FDOT and adjacent communities.

Master Roadway, Equestrian and Greenways Plan, Loxahatchee Groves, Florida. Traffic and transportation analysis and design for an overall master roadway plan for the Town of Loxahatchee Groves Florida. The project included traffic analysis on all local, collector and arterial roadways throughout the Town, definition of design and performance standards as well as coordination with FDOT, stakeholders and the general public.

City of Weston, City Traffic Engineer, Weston, Florida. Perform all traffic and transportation analysis for the City of Weston including intersection analysis, traffic signal warrant analysis, alternative intersection design analysis including roundabouts, roadway signing and marking, development review including site plans and traffic studies and review of Developments of Regional Impact.

Traffic Engineering Consultant: City of Homestead, City of Greenacres, City of Parkland, City of Westpark, City of Sunny Isles Beach, Town of Surfside, Florida. Provide ongoing traffic and transportation engineering services as needed including review of developer site plans and traffic studies, intersection analysis, traffic signal warrant analysis, alternative intersection design analysis including roundabouts, roadway signing and marking

FDOT District IV General Planning Consultant, Florida. Provide traffic and transportation analysis and review for FDOT District IV on an ongoing basis. Recent projects have included review of Developments of Regional Impact, Interstate corridor studies, IOAR and IMR reviews.

EDUCATION

Bachelor of Science –
Civil Engineering
Master of Science -
Transportation

PROFESSIONAL CREDENTIALS

Professional Traffic
Operations Engineer
No. 821

Professional Engineer,
CO, No. 35848

Professional Engineer,
AZ, No. 41711

Professional Engineer,
NV, No. 17338

PROFESSIONAL AFFILIATIONS

Institute of Transportation
Engineers

American Society
of Civil Engineers

JAMES E. SPINKS III, PE, PTOE **Traffic Engineer**

SUMMARY OF QUALIFICATIONS

Mr. Spinks currently serves as a Project Manager with extensive experience in the traffic engineering and transportation planning fields. Mr. Spinks has been involved in traffic operations, transportation planning, and ITS planning for more than seven (7) years. He has previous experience servicing a variety of clients such as the Florida Marlins, City of Miami, Broward County, Miami-Dade County, Florida's Turnpike Enterprise, and Florida Department of Transportation, Districts Four and Six. Currently, Mr. Spinks provides a variety of traffic engineering services for several cities within the South Florida area such as Weston, West Park, Sunny Isles Beach, Homestead, and the Town of Surfside which include traffic calming, site plan review, traffic impact study reviews, access management, and level of service analysis. In addition, he provides traffic impact services for several developments within South Florida. Mr. Spinks has the capability to develop scope and budget, and man-hour management. He is proficient in the use of several commonly-used traffic engineering software such as HCS, Synchro, Sim-Traffic, Corsim, Signal2000, as well as being familiar with Vissum, MicroStation, ArcView, ArcMap and GIS.

PROJECT EXPERIENCE

Arts Park Village at Young's Circle, Hollywood, Florida. As Project Manager for this mixed-use development located in downtown Hollywood, Mr. Spinks' tasks include traffic impact studies, parking inventory studies, shared parking analysis, level of service analysis, arterial and intersection analyses, and development of recommendations for approval of the proposed development.

Sheridan Station Transit Oriented Development (TOD), Hollywood, Florida. Mr. Spinks is the project manager for this mixed-use transit oriented development located in Hollywood, near the Sheridan Station Tri-Rail Station. Various traffic engineering and planning tasks will be performed for the proposed TOD including traffic impact studies, arterial and intersection level of service analyses, and development of recommendations for approval of the proposed TOD.

174 Street Median Closure Study, Sunny Isles Beach, Florida. Mr. Spinks serves as the project manager for this arterial study along SR-A1A near NW 174 Street in Sunny Isles, Florida, within Miami-Dade County. This study includes analysis of nearly a half-mile segment of SR A1A, which includes crash analysis, existing condition and future level of service analysis, access management review, benefit-cost analysis and recommendations.

Fort Lauderdale-Hollywood International Airport, Automated People Mover DEIS/FEIS, General Consultant, Broward County, Florida. Mr. Spinks served as a transportation engineer on this contract, performing a series of tasks for the proposed connection between the Fort Lauderdale-Hollywood International Airport and Port Everglades including: Travel Demand Data Collection and Analysis which includes development of a calibrated operational model that would properly reflect existing unique travel characteristics in the area; Planned Regional Impact Project Analysis which will determine the level of impact and identify any mitigation needed when these projects are in place; and Travel Demand Forecast using the Southeast Regional Planning Model 6.0 (SERPM6) which will refine the current Broward County MPO regional model in order to include parameters that would help in planning the future mode of access to support the planned improvements.

EDUCATION

B.S. in Civil Engineering,
University of Missouri,
Rolla, December 1998

PROFESSIONAL REGISTRATION

Professional Engineer,
State of Florida, PE No.
66775, 2007

Professional Engineer,
Puerto Rico, 2006

PROFESSIONAL ASSOCIATIONS

Member of ITE

Member of National
Society of Black
Engineers

Member of American
Society of Civil Engineers

James E. Spinks, PE, PTOE, page 2

City of Miami, General Consultant, Miami, Florida. Mr. Spinks served as Project Manager for the City of Miami's traffic engineering consultant for on-call services. Within this contract he developed an operational plan for North Bayshore Drive between NE 15 Street and NE 17 Terrace. Tasks on this project included field observation, operational analysis, development of concept alternatives which involved access management, and alternative analysis. He assisted the city with the final revisions to the City of Miami Downtown Paramics Simulation Model. In addition, other tasks included development of scope and budget, man-hour management and invoicing.

General Planning Consultant - Systems, Calvin, Giordano & Associates, Inc. / FDOT District Four, Districtwide, Florida. As Project Manager for this on-call services consultant contract, his assignments included project traffic forecasts (travel demand), GIS support, and miscellaneous on-site planning support services. He provided additional services including development of scope and budget, man-hour management, and invoicing.

Florida's Turnpike Enterprise, General Traffic Consultant, Pompano Beach, Florida. This is an on-call contract. As a member of the team, Mr. Spinks assisted with various traffic engineering and planning activities under the direction of the Turnpike Traffic Engineering Program Manager. Specific traffic engineering analyses included the development of future DDHV turning movement volumes at Harden Boulevard at Polk Parkway in Polk County, FL, including operational analysis and simulation. In addition, he performed a review of the Stirling Road Interchange Justification Report (IOJR), which included methodology, existing conditions, operational analysis, future traffic projections, alternatives, and recommendations. These tasks will assist Florida's Turnpike Enterprise System to determine existing and future performance measures for operational assessment.

Florida Marlins, General Consultant, Miami, Florida. As a transportation engineer on this contract various traffic engineering and planning task were performed for the proposed Marlins Ballpark. Tasks on this project included traffic impact studies, parking inventory studies, development of a transportation management plan, review and recommendations of existing and required transit services, arterial and intersection analyses and development of recommendations for approval of the proposed Marlins Ballpark. As a result of each task, recommendations were made to improve the congested impact area during events at the proposed Marlins Ballpark.

Districtwide Safety Contract, FDOT District Six Traffic Operations Office, Miami-Dade & Monroe Counties, Florida. Developed I-95 Traffic Diversions Operation Plan within Miami-Dade County, in conjunction with the Traffic Incident Management Team and the South Florida Regional ITS Coalition. This project involved developing a series of operational plans to identify and evaluate traffic impacts on the closest diversion routes. This work will allow the Florida Department of Transportation to have a pre-planned traffic diversion program in place as well as determine operational changes that are needed along the designated diversion routes.

Districtwide Safety Contract, FDOT District Six Traffic Operations Office, Miami-Dade & Monroe Counties, Florida. As a traffic engineer for the districtwide traffic engineering services, various tasks were performed ranging from safety studies to signal warrant analyses. A great majority of the tasks consisted of performing qualitative assessments of intersection, which include crash analyses. The crash analyses consist of sorting crash data by type and number of accidents, calculating safety ratios and confidence levels, performing field observations, identifying the causes of accidents, determining the economic impacts, and developing solutions to improve conditions at a particular location.

Districtwide Safety Contract, FDOT District Six Traffic Operations Office, Miami-Dade & Monroe Counties, Florida. Mr. Spinks performed multiple traffic engineering studies including: Qualitative Assessments, Intersection Analysis, Left Turn Warrants, Signal Warrants, Arterial Analysis, Corridor Evaluations, Travel Time and Delay Studies.

General Planning Consultant - Systems, Calvin, Giordano & Associates, Inc. / FDOT District Four, Districtwide, Florida. Mr. Spinks served as a transportation planner on this on-call services consultant contract. Assignments include project traffic forecasts (travel demand), GIS support, and miscellaneous on-site planning support services.

James E. Spinks, PE, PTOE, page 3

Districtwide ITS Technical Consultant, VHB, Inc./FDOT District VI, Miami-Dade & Monroe Counties, Florida. Mr. Spinks served as a project engineer on this on-call services consultant contract. Assignments include formation of a regional ITS coalition, development of a regional database and GIS mapping of current and planned ITS deployment in the Palm Beach, Broward, Miami-Dade and Monroe Counties.

SR-5/US-1 at SW 32 Avenue Intersection Analysis, FDOT District VI, Miami, Florida. Mr. Spinks served as Project Engineer for this study for the Traffic Operations Office. This study performed an assessment of traffic operations and safety at the signalized intersection including a left turn warrant analysis and queuing analysis. This study was a result of a citizen request to include a left-turn protected phase for the SW 32 Avenue approaches to alleviate significant delays experienced by the left turning vehicles from that street. This study included field observations, crash review, delay studies, traffic data collection and development of condition and collision diagrams.

SW 8 Street from SW 137 Avenue to SW 127 Avenue Traffic Control Plan (TCP) Traffic Analysis, FDOT District VI, Miami, Florida. Mr. Spinks was the Project Engineer for this study conducted for the Traffic Operations Office which involved an operational analysis and review of the traffic control plan. He performed traffic analysis to evaluate the existing TCP and tested modified TCP options for the SW 8 Street construction zone. He used Synchro/SimTraffic micro-simulation so that the visual animation output could be presented to the public. This study involved field review, traffic data collection, travel time and delay studies, performing traffic operational analysis, and developing options.

SR-826/NW 154 Street Interchange Area Traffic Study, FDOT District VI, Miami Lakes, Florida. Mr. Spinks was the Project Engineer for the traffic operations study for one of the most congested interchange areas in Miami-Dade County. This study involved field observations, traffic data collection, traffic operational analysis, development and evaluation of improvement alternatives, preliminary engineering, preliminary cost estimates, trip generation, micro-simulation and operational benefit-cost analysis were performed as part of the study. Performed a traffic operational analysis to evaluate existing and proposed conditions for SR-826/NW 154 Street interchange. The improvement concept, estimated at \$4 million, includes the addition of turn lanes, widening of NW 154 Street, NW 77 Court, and the SR-826 southbound on-ramp. Through micro-simulation analysis, the proposed improvements were found to reduce the average delay per vehicle by as much as 48 percent during the peak hours.

HEFT/SR-874 Project Development and Environment (PD&E) Study from US-1/Government Center to SR-874, Florida's Turnpike Enterprise, Miami-Dade County, Florida. As Task Engineer, Mr. Spinks assisted in the evaluation for this six and one-half mile PD&E study through the most heavily traveled segment of Florida's Turnpike. This project examined widening the HEFT and modifying the SR-874 interchange to address capacity and operational safety needs. Task assignee on activities related to PER, SEIR, and public hearings.

Districtwide Corridor Planning Studies, FDOT District VI Planning Office, Miami, Florida. Mr. Spinks provided on-site consultant services for developed planning and engineering products for numerous Program activities, PD&E studies and PLEMO studies of the Planning Office Corridors Team. He served as FDOT representative with the maintenance and development of improvements along the Florida Keys Heritage Trail in cooperation with Monroe County officials and various city representatives within Monroe County.

SR-968/Flagler Street from SR-826 to SR-969/Milam Dairy Road, Arterial Analysis, Miami, Florida. Mr. Spinks served as Project Engineer for this study conducted for the FDOT District VI Traffic Operations Office which identified improvements for this urban corridor. The study included analyzing Department crash data, performing traffic operational analysis, developing alternative improvements compliant with current access management standards and guidelines to reduce crash patterns, and performing benefit/cost analysis of each alternative.

SR-916/Opa-locka Boulevard at NW 2 Avenue, Intersection Analysis, Miami, Florida. Mr. Spinks served as Project Engineer for this study conducted for the FDOT District VI Traffic Operations Office which identified improvements for this intersection. The study included data collection, analyzing Department crash data, identifying crash patterns, performing traffic operational analysis, developing alternative improvements to reduce crash patterns, and performing benefit/cost analysis of each alternative.

James E. Spinks, PE, PTOE, page 4

Districtwide Safety Contract, FDOT District Four Traffic Operations Office, Ft. Lauderdale, Florida. Mr. Spinks performed multiple traffic engineering studies including Qualitative Assessments, Intersection Analysis, Left Turn Warrants, Signal Warrants, Arterial Analysis, Corridor Evaluations, Travel Time and Delay Studies.

Palm Beach County Traffic Division. Mr. Spinks was responsible for countywide signalization of new intersections, designing new intersections, and modifying existing intersections. He supervised Engineering Assistants and CADD Technicians. He participated in design, construction, modification, and maintenance related activities of existing and future roadway intersections.

ERM Technologies, Inc., St. Louis, MO (2/1999–1/2000), Project Engineer I. As Owner's representative for project management and contract coordination of multiple projects totaling over \$5 million, Mr. Spinks oversaw construction including interceptor/outfall structures and pipe installations for MSD. He was also responsible for contract documentation, project scheduling, and job progress meetings.

U.S. Army Corps of Engineers, St. Louis District, St. Louis, MO - Student Intern (5/1994–11/1998). Mr. Spinks oversaw project sites for several construction sites representing the U.S. Army Corps of Engineers as a Quality Assurance Representative with project amounts exceeding \$3 million. Projects included the construction of a pump station, multiple gate well structures, over 4 miles of levee and Lock and Dam No. 26 – I-Wall Removal.

SABRINA BAGLIERI **Director of Construction Services**

SUMMARY OF QUALIFICATIONS

Ms. Baglieri has 22 years of experience as a civil engineer. She is an expert in the selection, setup, management, and control of roadway, parks and buildings projects from the bidding process to its culmination, including management of the hurricane debris collection monitoring and data recording. Ms. Baglieri has extensive computer knowledge on operative systems such as DOS, Windows and the following programs: Cadd2000, Excel, Microsoft Word, Timberline, Construction Link (CLI), Primavera, PowerPoint, and Quattro Pro for Windows.

PROJECT EXPERIENCE

- ♦ Taft Street Roadway Improvement, City of Pembroke Pines, Florida
- ♦ SW 69th Street Drainage Improvements, City of Pembroke Pines, Florida
- ♦ Florida Department of Transportation, Construction of Rip-Rap Against Embankment, Broward County, Florida
- ♦ Florida Department of Transportation, Drainage Improvement SR-436 and Maitland Boulevard, Seminole County, Florida
- ♦ Cooper City Commerce Center, Installation of Water, Sewer & Drainage, Site Work, Paving, Broward County, Florida
- ♦ Park of Commerce Center, Installation of Water, Sewer & Drainage, Site Work Paving, Broward County, Florida

City of Weston, Florida Projects

- ♦ Vista Park:
 - Boulevard: new roadway construction
 - Vista Park Development: Construction of 4 soccer fields, 4 softball fields, 2 concession buildings, a maintenance building, and parking area. Provided lighting, lift station, water and sewer designs.
- ♦ Traffic Signals for Weston Road/South Commerce Parkway
- ♦ Tequesta Trace Concession Building Parking and Drainage
- ♦ Bonaventure Master Plan Phase I, II, III and IV. Upgrade of all drainage, landscape, and roadway elements.
- ♦ Basin II Roadway: new roadway construction.
- ♦ New building and maintenance facility of Public Works
- ♦ New traffic signals for Weston Road/North Corporate Lakes
- ♦ FS 55 Emergency Signal
- ♦ Saddle Club/Arvida/Bonaventure overlay of roads and road/drainage improvements
- ♦ Bonaventure/Racquet Signal
- ♦ Regional Park/Parking Modification. Construction of Loop Road to connect existing parking lots.
- ♦ Drainage Improvements
- ♦ I-75 Master Plan Local Traffic Improvements
- ♦ Windmill Lakes West Buffer
- ♦ Weston City Hall
- ♦ Weston Public Works Facility with Fuel Station
- ♦ Weston Library Park
- ♦ County Isles & Three Village Roadway Improvement
- ♦ Manatee Isles Roadway Improvements

EDUCATION

B.A., Civil Engineering,
Universidad Rafael Urdaneta
Maracaibo, Venezuela

CERTIFICATIONS

Governor's Hurricane
Conference

Recovery Disaster – The
Local Government Role

Erosion Control Certified
Inspector

CTQP Final Estimates 1

CTQP Earthwork
Construction Inspector 1

CTQP Asphalt Paving
Technician Level 1

Sabrina Baglieri, page 2

- ♦ AYSO Facility at Regional Park
- ♦ Municipal Inspections for all permitted construction in the City of Weston
- ♦ Hurricane Debris Removal Monitoring and Inspection, including managing of all monitors, dump site and data record keeping

Sunny Isles Beach, Florida Projects

- ♦ 181st Drive Active Park - Construction of a 2 acre park, consisting of one gymnasium, a new recreation center, a baseball field, parking and landscaping.
- ♦ 172nd Roadway Improvements
- ♦ Atlantic Isles Roadway and Utility Improvements
- ♦ Contracts Administration for all Capital Improvements projects.

Bay Harbor Islands, Florida Projects

- ♦ Broad causeway Toll Plaza Widening
- ♦ Community Enhancement Phase II

Miscellaneous Florida Projects

- ♦ Pines Wastewater Treatment Plant Expansion
- ♦ Miramar East Water Treatment Plant Expansion
- ♦ Miramar West Wastewater Treatment Plant Expansion

Hurricane Debris Removal – Monitoring Services

- ♦ City of Weston – Complete Monitoring services for compliance of FEMA requirements.
- ♦ Town of Davie – supplied monitors to be directed by city personnel.
- ♦ City of North Lauderdale – Complete monitoring on the waterways clean-up

FRANK KAHOUN **Director of Environmental Compliance**

SUMMARY OF QUALIFICATIONS

Mr. Kahoun has ten years of experience in the environmental/biological sciences. He is responsible for project management, coordinating permitting, habitat assessments, wetland delineations, endangered species surveys, mitigation construction oversight, contract administration, contract management and compliance monitoring for projects impacting environmentally sensitive lands

- Manages wildlife habitat assessments; wildlife monitoring and reporting services
- Conducts and manages onsite endangered species surveys
- Prepares application packages to obtain all required environmental resource permits
- Conducts and manages habitat assessments and inventories; invasive exotic vegetation monitoring and reporting services
- Produces wetland delineations and wetland functionality assessments
- Develops wetland mitigation options with an opinion of probable cost
- Submits environmental functionality and compliance monitoring reports using recognized scientific sampling protocols
- Coordinates interagency and multi-disciplinary team efforts
- Tree survey and mitigation services

PROJECT EXPERIENCE

Wetland Preserve Management:

City of Weston, Florida. Project Manager responsible for coordination of staff and oversight of field data collection. Mr. Kahoun compiles and submits reports to clients and contractors to insure the health and ecological benefit of City mitigation and wetland preserves that are known habitat to federally listed species such as Everglade snail kite, wood stork, and American alligator populations. Mr. Kahoun reviews contracted wetland maintenance and makes recommendations directly to clients in order to facilitate the implementation of proper environmental management techniques.

Biological Assessments including Wetland Delineations/Determinations, Listed Species Surveys, Habitat Assessments

- Responsible for conducting Listed Species Surveys, Habitat Assessment and compilation of field data to obtain necessary permits for site development. FPL Substation, Dania Beach, Florida
- Responsible for conducting Listed Species Surveys and compilation of field data to obtain necessary permits for site development. Raintree Golf Course, Florida.
- Responsible for assessing potential wetland impacts associated with proposed development on three separate parcels. Pioneer Rd and State Rd 7, West Palm Beach, Florida
- Responsible for assessing an area to be impacted by road widening activities for wetlands and endangered species and assisted in submitting a report summarizing field observations, including gopher tortoise burrows, and wetland impacts. Walton Road Widening Assessment, St Lucie County, Florida

EDUCATION

M.S. in Marine Biology and Coastal Zone Management, Nova Southeastern Oceanographic Center

B.A. in English and Environmental Science, Stetson University,

PROFESSIONAL CERTIFICATION

38 hour Army Corps of Engineers Wetland Delineation and Management Training Program

Frank Kahoun, page 2

- Responsible for assessing potential wetland impacts associated with proposed development within Port Everglades. Port Everglades, Ft Lauderdale, Florida
- Responsible for managing and conducting a Scrub-Jay survey according to FWS protocols, Cape Haze Townhomes LLC- Cape Haze, Florida

Mitigation Compliance Monitoring:

Mr. Kahoun is responsible for coordination of staff and oversight of field data collection. Mr. Kahoun reviews, compiles, and submits reports to clients and permitting agencies such as South Florida Water Management District, Army Corps of Engineers, Broward County Environmental Protection Agency to assess and insure adequate ecological functions of wetland mitigation sites.

- City of Weston Increments II and III (5 sites)- Weston, Florida (2,200 acres)
- Isles at Weston- Weston, Florida (60 acres)
- Memorial Hospital- Miramar, Florida (60 acres)
- Pembroke Harbor Mitigation Site- Pembroke Pines, Florida (34 acres)
- Berman Preserve- Davie, Florida (30 acres)
- Miramar Pinelands Mitigation Site- Miramar, Florida (30 acres)
- Archdiocese of Miami, Blessed John XXXVIII Mitigation Site- Miramar, Florida
- Sheridan Ocean Club III- Miramar, Florida
- Maple Ridge- Davie, Florida
- Tropical Plaza Off Site Mitigation- Miramar, Florida
- Philips Park 'n Go Onsite Mitigation- Dania Beach Florida

Mitigation Construction Oversight and Management:

Mr. Kahoun is responsible for coordination of staff and oversight of construction activities. Mr. Kahoun reviews pay applications and project progress and reports to clients and permitting agencies such as South Florida Water Management District, Army Corps of Engineers, Broward County Environmental Protection Agency to ensure that construction protocols adhere to permitted criteria and do not adversely impact environmentally sensitive habitats.

- Miramar Pine Lands Mitigation Site
- Archdiocese of Miami, Blessed John XXXVIII Mitigation Site
- Philips Park 'n Go Onsite Mitigation
- Pembroke Harbor Mitigation Site
- Verizon Wireless Substation Onsite Mitigation

Environmental Resource Permitting:

- Pembroke Road Extension Emergency Access Road- Cobblestone, Pembroke Pines, Florida

FDOT Projects:

- I-75 Pines Boulevard Interchange- Completed the PD&E requirements for a Type II Categorical Exclusion
- Bonaventure Boulevard and Saddle Club Road- Provided technical assistance for a Type I Categorical Exclusion requirements

Construction Coordination in Indigo Snake and Wood Stork Habitat:

Mr. Kahoun is responsible for coordinating construction activities to ensure that indigo snake and wood stork constitution guidelines are adheres to.

Frank Kahoun, page 3

- Cobblestone Development- Pembroke Pines Florida
- Pembroke Lakes Square- Pembroke Pines Florida
- Archdiocese of Miami, Blessed John XXXVIII Religious Facility- Miami, Florida
- Pembroke Road Extension Emergency Access Road- Pembroke Pines, Florida

Technical Assistance

- 145th Avenue Extension- Pembroke Pines, Florida
- Minnaugh Development Properties- Miramar, Florida
- I-75 Pines Interchange Categorical Exclusion- Pembroke Pines, Florida
- Town of Davie Technical Oversight of Remediation Contractor- Davie, Florida

LORRAINE TAPPEN, AICP **Senior Planner**

SUMMARY OF QUALIFICATIONS

Ms. Tappen is a Senior Planner at Calvin, Giordano & Associates, Inc. working in both the Fort Lauderdale and West Palm Beach offices. She has over 7 years of experience in planning including preparing comprehensive plan amendments, zoning ordinances and community redevelopment plans.

PROJECT EXPERIENCE

Senior Planner, Calvin Giordano & Associates, Inc., Fort Lauderdale, Florida (May 2006- Present)

- Evaluation and Appraisal Reports: Martin County, St. Lucie County, City of Pahokee, Town of Malabar, Town of Surfside
- EAR-based amendments: City of Hollywood, City of Homestead (Transportation Element), City of Pahokee, City of Parkland, City of Weston, Town of Malabar, Town of Medley, Town of Surfside
- Complete Rewrite of the City of Fort Pierce Comprehensive Plan
- First Comprehensive Plans: City of West Park, Town of Loxahatchee Groves
- Capital Improvement Element Updates: City of Hollywood, City of Pahokee, City of West Park, City of Weston, Town of Malabar, Town of Medley, Town of Surfside
- 10-Year Water Supply Plan and Related Comprehensive Plan Amendments: City of Pahokee, Town of Medley
- Proportionate Fair Share and Concurrency Management System Ordinance for the City of Fort Pierce
- Annexation Study: Town of Medley

Senior Planner, Iler Planning Group, Palm Beach Gardens, Florida (2/04-4/ 06)

- Evaluation and Appraisal Reports: City of North Miami, Town of Medley
- Comprehensive Plan amendments: City of North Miami, City of Sebastian
- Community Redevelopment Plan for the City of Oakland Park
- Downtown Mixed Use District zoning code for the City of Oakland Park

Assistant Planner, City of Coral Springs, Coral Springs, Florida (9/01-1/ 04)

- Land development regulations to establish the Coral Springs Public Art Program
- Administration of neighborhood grant programs including landscaping and signage projects
- GIS maps for the city manager and planning and zoning departments
- Review of sign permit and paint color approval applications

PRESENTATIONS

“Using GIS to Promote Habitat for Humanity Programs,” Florida Chapter of the American Planning Association Annual Conference, 2001.

“Creating Community Indicators to Help Meet Community Goals,” Florida Chapter of the American Planning Association Annual Conference, 2002.

TRAINING

LEED for New Construction, U.S. Green Building Council, February 2008.

EDUCATION

Master in Urban and Regional Planning, Florida Atlantic University, December 2002

Bachelor of Science in Political Science, University of Miami, May 1988

PROFESSIONAL REGISTRATION

American Institute of Certified Planners (AICP), No. 019628

AWARDS AND ACTIVITIES

Member, U.S. Green Building Council

Vice President, Florida Atlantic Planning Society, April 2001 to April 2002

ROBERT JACKSON, PSM **Director of Surveying and Mapping**

SUMMARY OF QUALIFICATIONS

Mr. Jackson has 40 years of experience in all phases of land surveying including boundary, coastal control, hydrographic, route surveys, topographic, and as-built surveys; sketch and descriptions; legal descriptions, record plats; and, boundary descriptions for annexations and de-annexations for municipalities.

Mr. Jackson is highly active in professional surveying organizations and is currently President of the Florida Surveying and Mapping Society. In this role, he reviews Florida surveying laws and is helping to develop a plan to professionally address GIS mapping and new technologies in surveying. As part of this, he implemented memorandums of understanding with allied professions (planners, geologists, biologists, environmental scientists, lawyers, engineers, architects, landscape architects). He assisted the promotion of an effective voice in the Florida legislature and taught Florida Laws, a six-hour course required for professional surveyors. He supports the four-year-degree requirement and to benefit the University of Florida Scholarship Fund for the Geomatics program, he has organized golf tournaments which raised approximately \$10,000. As part of the Planting Seeds Program, he is spear-heading a plan to introduce the surveying profession to students throughout the nation. Prior to CGA, Mr. Jackson worked for the Florida Department of Transportation as a rodman, instrument man, and party chief. His last position there was in the Right-of-Way (R/W) Engineering Department Calculation Section, where he prepared R/W maps.

PROJECT EXPERIENCE

Diplomat Hotel, Hollywood, Florida. Prepared coastal control surveys for the 38-story Diplomat Hotel in accordance with 61G17-6 and 62B-33.09 of the Florida Administrative Code. Consultant for compliance with FEMA requirements; provided exhibits and elevation certificates that reflected compliance with FEMA.

Broward Boulevard (SR-7 to Andrews Avenue), Fort Lauderdale, Florida. Responsible for coordinate geometry calculations and R/W.

Survey Project Manager, Carr Residential Investments, Hampton Isles. Oversight of ingress/egress, drainage easements, and boundary surveys, topographic surveys, tree surveys for this 24-building condo project.

Survey Project Manager, Westbrooke Communities Projects – Pine Island, Miramar DRI, Quantum, Merrick Preserve, Meadow Pines. Oversight of projects that includes ingress/egress, drainage easements, and boundary surveys, topographic surveys, route surveys, and hydrographic surveys and letter of map revisions to the Federal Emergency Management Agency for various condominium projects including Canterbury in the City of Boynton, Monterey Bay in the City of Boynton Beach, Cobblestone in the City of Pembroke Pines, Cimarron in the Town of Davie, Merrick Preserve in the City of Margate and Montclair in the City of Miramar.

City of Weston, Florida. Serves as the FEMA Administrator as a function of a multi-service, multi-year contract that CGA has with the City.

SR-706, Palm Beach County, Florida. Responsible for coordinate geometry calculations of recorded plats, lot lines, and review of the title work for ownership. Worked with the Maintenance Engineer and the Location Survey Department to determine the maintained R/W.

PROFESSIONAL REGISTRATION

Professional Surveyor
and Mapper, State of
Florida No. 4158

PROFESSIONAL ORGANIZATIONS

President, Florida Surveying
and Mapping Society

Robert Jackson, PSM, page 2

FEMA Administration for the Cities of West Park and Weston, Florida.

Diplomat Condominium, Hollywood Beach, Florida. Surveyor for a 30-story high-rise. Mr. Jackson prepared condo exhibits survey and coordinated with the City of Hollywood on FEMA requirements.

Harbor Isles, Dania Beach, Florida. Oversight of project that includes ingress/egress easements, drainage easements, and boundary surveys, topographic surveys, for a 56-building condo project.

Thunderbird, Dania Beach, Florida. 10-building condo project.

Siena , Hollywood, Florida. 13-buildng condo project.

Tesoro, Miramar, Florida. 521-unit condo project

Alexan, Miramar, Florida. 28-rental buildings for Trammell Crow.

Ram Development. 15 rental buildings.

Annexation/De-annexation sketch and descriptions. Prepare sketch and descriptions incorporating or removing areas within a municipality that goes to vote in the legislative session. City of Dania Beach and the City of Lauderhill are two just to name a few.

GREGORY J. CLEMENTS, PSM **Assistant Director, Surveying & Mapping**

SUMMARY OF QUALIFICATIONS

Mr. Clements has 39 years of experience as a surveyor and mapper. He is expert in all phases of land surveying including the retracement of section lines, lot lines, tract lines, right-of-way (ROW) lines, and center lines. Mr. Clements' responsibilities include preparation of proposals, budget control, quality control (QA/QC), and technical support for the field crews. He also coordinates the preparation of legal descriptions, record plats, ROW maps, boundary surveys, topographical surveys, and acts as the liaison between the client and the firm.

PROJECT EXPERIENCE

SR-953/LeJeune Road, Miami, Florida. Mapping supervisor for survey design file and Project Network Control Sheet for Le Jeune Road from US-1 to NW 11th Street, approximately 4 miles.

SR-973/Galloway Road, Miami, Florida. Mapping supervisor for survey design file and Project Network Control Sheet for Galloway Road from SW 40th Street to SW 5th Street, approximately 2 miles.

Riviera Isles, Miramar, Florida. Prepared boundary surveys and record plats for four phases of development for 2000-lot development.

FLORIDA POWER AND LIGHT COMPANY:

Dade-Levee #3, Transmission Line Survey, Miami-Dade County, Florida. Design survey for 10.5-mile strip. After design was completed, he field staked approximately 130 structure locations.

Various Substation Surveys, Miami-Dade, Broward, Palm Beach Counties, Florida. Prepared boundary, tree, and topographic surveys on substations ranging in size from 2 to more than 40 acres.

Gulfstream Park, Hallandale Beach, Florida. Prepared plat boundary and topographic surveys of 260-acre horse track/entertainment complex. Combined aerial mapping techniques with conventional survey methods to produce a high quality drawing under budget.

Homestead Plaza, Homestead, Florida. Prepared an ALTA/ACSM land title survey for 20-acre shopping center. Extensive use of GPS equipment enabled a complicated survey to be done on time and within budget.

New Urban Works, Marathon, Florida. Prepared boundary and topographic survey on seaside parcel. Outstanding feature was the use of GPS equipment and the status of several submerged land leases.

EDUCATION

Bachelor of Business Administration
University of Toledo,
Geographic Information Systems I & II, offered under the M.S. in Geography Program,
Florida Atlantic University

PROFESSIONAL REGISTRATION

Registered Professional Surveyor/Mapper
State of Florida, No. 4479
Registered Professional Surveyor, State of Ohio,
No. 6545
Registered Professional Land Surveyor
State of Texas, No. 4197

HECTOR PEREZ

Associate, Director of Data Technologies and Development

SUMMARY OF QUALIFICATIONS

Mr. Perez has 17 years of experience in the field of technology with 14 of these years focused on GIS technology and its applications using ArcINFO, ArcGIS, and ArcView. Mr. Perez manages the developmental procedures for all projects within the Data Technologies and Development Department at CGA. The disciplines included within the department are GIS, Application Development and 3D Visualization. He is also manages all Information Technology related projects at a corporate-wide level together with client related IT implementations. He provided oversight for GIS projects involving data development and data conversion for Monroe County and the City of Miramar, Lauderhill, and Lake Park. He is responsible for the implementation of full-scale GIS for the Florida cities of Weston, Sunny Isles Beach, and the South Broward Drainage District. Mr. Perez also plays a significant role in the business development and marketing of CGA's INKforce™ software solution modules which include Code Enforcement tracking, Building and Permit tracking and Fire Inspection tracking.

Prior to joining CGA, Mr. Perez played a vital role during the inception of GIS at the Broward County Property Appraiser's Office GIS Department. He developed many phases of the data conversion process and integration of GIS standards for the Broward County parcel base map.

PROJECT EXPERIENCE

Associate in charge of Data Technologies and Development, IT Management for Calvin, Giordano & Associates, Inc. Fort Lauderdale, Florida. Involved in ongoing management of daily IT activities within CGA. Duties include full responsibility and accountability of all hardware and software implementations and integrations into the existing production environment. Responsible for planning new migrations of existing network environments (hardware and software) and managing all deployments. Accountable for all IT purchases and responsible for all recommendations on system upgrades. Oversees IT staff on all corporate and client based objectives.

Accountable for all aspects of software and application development. Responsible for the inception, management and deployment of INKforce™, Exceptional Software Solutions. Integral part in all aspects of marketing and business strategies of all INKforce™ software modules, which include Code Enforcement Tracking, Building and Permitting Tracking and Fire Inspection Tracking. Involved during the sales cycle of INKforce™ from a high level. Manages all INKforce™ Sales staff, Software Engineers and Application Developers.

GIS Implementation, Weston, Florida. Project involves developing, updating, and maintaining all GIS coverages for the City. The coverages include, but are not limited to, City boundary, parcel base map, streets, addresses, utilities (water, sewer, and storm drainage), residential commission districts, business locations, parks, school boundaries, refuse pick-up, etc. CGA implemented these coverages into an interactive GIS Map Service that is accessible through the City's official web site. Also provide general mapping and GIS support to City staff.

EDUCATION

Geographic Information Systems Program, Ferris State University

Courses in Math for Mappers, Public Land Survey Systems, and Interpretation of Legal Descriptions, Florida Association of Cadastral Mappers

Undergraduate Courses in Architecture Broward Community College, Florida

Undergraduate Courses in Engineering Miami-Dade Community College, Florida

B.S. Technical Management, DeVry University, Miramar, FL October 2009

MICHAEL LAWRENCE GREEN **GIS Specialist**

SUMMARY OF QUALIFICATIONS

Mr. Green is a graduate of Florida Atlantic University. During Mr. Green's employment at Calvin Giordano and Associates, he has worked extensively on various projects with other departments including Planning, Engineering, Landscape and Emergency Management Services. The majority of Planning based projects have dealt with Municipal Comprehensive Plans and EAR based Amendments. These planning projects include Spatial & Tabular analysis of all relevant data and creation of custom map products & reports for each client. These map elements are created from scratch utilizing the most up-to-date data sources relevant to the client in question. In addition to his wide-ranging experience in mapping for communities around South Florida, Mr. Green has worked with mobile GPS solutions for internal departments and external clientele. The GPS solutions include an extensive knowledge of Topcon and Trimble mobile GIS handheld units, used in creating stand-alone GIS applications for field inventories. Some key projects using these stand-alone applications include a full tree inventory for the City of Weston and the City of Lauderdale Lakes. The applications utilize fully customizable menus that assist the field workers in data collection. Finally, Mr. Green has experience utilizing FEMA's HAZUS product for emergency management. A major project completed for the Seminole Tribe of Florida utilizing this software included the creation of custom wind and debris scenarios for all of the Seminole Reservations within Florida. The final product included a full HAZUS analysis that was broken down into three different storm scenarios. The data from the final scenarios was input into final reports to assist the Seminole Tribe in determining the amount of assistance they will need during the aftermath of a hurricane event.

Mr. Green has applied knowledge of ESRI GIS 9.3, ArcSDE, ArcInfo, ArcEditor, ArcView, ArcPad 8.0, ArcPad Application Builder 8.0, ArcScene/3d Analyst, HAZUS-MH MR3, Geocoding, Network Analyst, Spatial Analyst, ESRI ArcCatalog, Microsoft Office Suite, Adobe Photoshop, and Google's Sketch Up.

PROJECT EXPERIENCE

Research Assistant, Center for Urban and Environmental Solutions, Florida Atlantic University, Fort Lauderdale, Florida (August 2005–August 2007)

- **Marine Facilities Project**
 - Developed a comprehensive database of recreational boating facilities statewide for the Florida Fish and Wildlife Conservation Commission.
 - Created a methodology for the location and analysis of recreational boating facilities using Geographic Information Systems
- **Marina Site Suitability Project**
 - Conducted a marina site suitability analysis of Lee County, Florida using Geographic Information Systems
 - Drafted a marina siting methodology for use in additional counties throughout Florida

EDUCATION

Master of Urban and Regional Planning with a specialization in Visual Planning Technology, Florida Atlantic University, May 2007

Bachelor of Arts in Geography with a specialization: Urban and Regional Systems, Ohio State University, Columbus, OH, June 2004

PROFESSIONAL ASSOCIATIONS

Florida Chapter of the American Planning Association

Florida Atlantic Planning Society

Broward County GIS Users Group

Delta Chi Fraternity

Michael Lawrence Green, page 2

- **General GIS support**

**GIS Specialist, Calvin, Giordano & Associates,
Fort Lauderdale, Florida (August 2007- Current)**

- **Weston Sign Inventory**

- Assisted in the Development and maintenance of a full Arcpad Mobile GIS Application. Including but not limited to creating attribute domains, creating ArcPad forms and developing look-up tables for database population.
- Maintained the daily sign inventory data as well as completed the check in and check out process for data quality assurance.

- **Lauderdale Lakes Tree and Street Feature Inventory**

- Assisted in the development and maintenance of a full Arcpad Mobile GIS Application. Including but not limited to creating attribute domains, creating ArcPad forms and developing look-up tables for database population.
- Maintained the daily Tree and Street feature inventory including check-in and check-out process of the daily data collection for data quality assurance.
- Combined all data into single shapefiles for a complete citywide dataset.
- Completed analysis and created maps to show Tree and Street Feature coverage throughout the city of Lauderdale Lakes.

- **City of Greenacres Street Sign Inventory**

- Utilizing data received from City Staff a database was created cataloging all street signs within the City of Greenacres
- All signs were plotted utilizing the X/Y coordinate from field analysis by Public Works Staff.
- All street signs were symbolized according the type of sign.
- A map book was created utilizing the final symbolized database for use by Public Works staff.
- A final interactive PDF was developed utilizing all pages of the Street Sign map book, each page was linked together to form a fluid document that can be utilized in the field.

- **Comprehensive Plan / EAR Based Amendment Projects**

- Developed data and map elements for various Municipalities including:
 - Town of Malabar
 - City of Weston
 - City of West Park
 - Town of Loxahatchee Groves
 - Town of Pahokee
 - Town of Surfside
- Worked in conjunction with the Planning Department to create all relevant maps for each element within the EAR.
- Each element comprised of the essential maps to assist in visualizing the goals, objectives and policies stated within the Comprehensive Plan/EAR document.
- All data used was obtained through various government agencies to assure the highest quality and accuracy during analysis.
- Final map documents and data were archived for future review.

Michael Lawrence Green, page 3

- **Seminole HAZUS**

- Worked in conjunction with the Emergency Management Department to create Hurricane Wind and Debris disaster scenario's for the Seminole Tribe of Florida.
- Developed scenario's for 7 Seminole Tribe reservation utilizing ArcGIS and HAZUS-MH MR3.
- All final reports were developed utilizing the outputs from the HAZUS scenarios and final maps depicting the study region were created to show the impacts of each disaster scenario.

Intern, Ohio Department of Transportation, Department of Aerial Engineering, Columbus, Ohio (August 2003-May 2004)

- Scanned aerial photography for clients using high end scanners and Adobe Photoshop
- Digitized aerial photographs into ArcGIS shapefiles for use in transportation studies

THE CITY OF KEY WEST

Request for Proposal Carolina Street Corridor and Bahama Village Community
Redevelopment Agency (CRA)

*Key West Bight Design with Optional Project Management for Public Area
Enhancement, RFP NO: 004-10*

February 17, 2010

SUB-CONSULTANT(S)

Shaughnessy Hart, Principal

2701 Ardsley Drive
Orlando, FL 32804
Phone: (407) 843-2012
shaughnessyhart@aol.com



Summary of Qualifications

- President and owner, Shaughnessy Hart & Associates, Inc.
- 25 years experience in environmental & graphic design
- Project Director for numerous large-scale sign projects
- Extensive experience in municipal projects
- Brings enthusiasm, creativity & practicality to the project

Education

Florida State University 1976

Work Experience

- 1985-Present
Shaughnessy Hart & Associates, Inc.
- 1981-1986
Hansen Lind Meyer, Architects, Inc.
Corporate Director Environment Graphics
- 1976-1981
Graphic Systems, Inc.
Art Director
Sign Design & Manufacturing

Memberships/Associations/Certifications

- Society of Environmental Graphic Designer
- American Institute of Architects, Associate
- National Trust for Historic Preservation
- Orange County Historical Society
- Greater Orlando Chamber of Commerce
- Florida Redevelopment Association
- Florida Mainstreet Association
- American Institute for Graphic Arts
- Florida Department of Transportation - DBE
- State of Florida - WBE/MBE
- Orange County, Florida -WBE

Lectures and Seminars

- Town Sign Planning - Internation Downtown Association
- Town Sign Planning - Florida Mainstreet Association
- Town Sign Planning - Florida Redevelopment Association
- Career Development & Partners in Education:
Valencia Community College
Embry-Riddle Aeronautical University
Edgewater High School
Westgate Middle School
Lake Silver Elementary

Publications/Awards/Print

- First Coast APA Outstanding Master Plan Award
City of Jacksonville, 2007
- Florida Keys Scenic Highway Remarkable
Interpretive Master Plan (SHRIMP)
Award of Excellence by the South Florida
Chapter of the American Planning Association
for excellence in Master Planning, 2006
- Lake Worth, FL, Merchant Sign Promotion
Palm Beach Post, 2003
- Keene's Point, Nature Beauty, Accents Luxury,
Landscape Architect and Specifier News, 2000
- Designer Turns Signs into Work of Art,
Orlando, Kissimmee, DeLand, Orlando Sentinel, 2000
- Wayfinding: A Guided Tour
Signs of the Times, 1997
- Innovative Urban Graphics, City Signs
Madison Square Press, 1994
- Sign Systems, Sign Design Gallery,
Award Design from the Editors of Signs of the
Times, 1994
- Town Sign Planning, City of Orlando,
Signs of the Times, 1993
- Downtown Graphics
Identity Magazine, 1992.
- Outstanding Achievement Award. IDA
International Downtown Association, 1991
- Golden Brick Award, Retail Promotion
Downtown Orlando Partnership, 1990
- Golden Brick Award, Directional Signs
Downtown Orlando Partnership, 1992
- Sights and Signs of Orlando,
Theme Parks, Research Parks, Office Parks
Sign Business Magazine 1992



M A S U E N C O N S U L T I N G

TODD MOHLER, RLA

EDUCATION / PROFESSIONAL:

- Bachelor of Landscape Architecture, (Magna Cum Laude), Clemson University, 1993
- Registered Landscape Architect, Florida
- Florida Chapter ASLA State Conference Committee, 2003
- Co-Treasurer, Broward FCASLA Chapter, 2003
- Certified Landscape Irrigation Auditor (CLIA)– Irrigation Association
- Certified Irrigation Contractor (CIC) – Irrigation Association

YEARS EXPERIENCE: 13 years

WORK EXPERIENCE:

- February 2006 – Present – Masuen Consulting, LLC (Oakland Park, FL) Director of Design and Consulting - My responsibilities are irrigation design and consultation with a focus in water conservation. I serve as the leader of the design production team and am the project manager for all the team's projects.
- July 1997 – January 2006 –Keith and Schnars, P.A., (Ft Lauderdale, FL) Assistant Director of the Landscape Architecture Division - In 8 years I helped them grow from a staff of 2 to 12. My responsibilities included the direct production management of the production staff (7 designers) and its projects for both public and private sector clients. I was a senior designer/manager immediately involved in site planning, hardscape design and detailing, planting design and irrigation design. I had direct experience in retail, commercial, residential, streetscape and parks and recreational facility designs. I was responsible for oversight on construction cost estimating, construction drawings and specifications, construction bid review, field inspections, reports and public presentations.
- April 1994 – May 1997– Santiago and Associates, (Ft Lauderdale, FL) My responsibilities included design and production of planting and irrigation plans as well as General Water Use Permitting and project development meetings with public and private sector clients.

PROFESSIONAL ORGANIZATIONS:

- Professional Member of American Society of Landscape Architects (ASLA)
- Corporate Member of United States Green Building Council (USGBC)
- Professional Member of The Irrigation Association (IA)
- Corporate member of The American Society of Irrigation Consultants (ASIC)

M A S U E N C O N S U L T I N G

AARON SMITH

EDUCATION:

- Certified Commercial Irrigation Designer (CID) – Irrigation Association
- Certified Residential Irrigation Designer (CID) – Irrigation Association
- Certified Landscape Water Auditor (CLIA) – Irrigation Association
- Certified Irrigation Contractor (CIC) – Irrigation Association

YEARS EXPERIENCE: 20+ years

WORK EXPERIENCE:

- 2006 to Present –Masuen Consulting LLC, Oakland Park, FL Director of Technical Services – I am responsible for conducting water audits, investigate field problems and determine solutions, oversee computer technology for the company, and provide irrigation design and consulting services.
- 2004 to 2006 –Miller Legg, Winter Park, FL Head of Irrigation Design at a statewide award-winning consulting firm headquartered in Pembroke Pines, Broward County, Florida. This firm brought together the elements of engineering, planning, landscape architecture and urban design, surveying, environmental wetlands consulting, environmental risk management and G.I.S. services.
- 2002 to 2004 – Steve Young's Well Drilling Responsibilities included the installation and repair of centrifugal/submersible and turbine pumps ranging from ½ to 50 Hp.
- 1998 to 2002 – Aaron Smith Irrigation Systems Owner of a Irrigation design and Installation Company.

PROFESSIONAL ORGANIZATIONS:

- The Irrigation Association

PROPOSAL FORM

RFP #004-10 KEY WEST BIGHT DESIGN AND PROJECT MANAGEMENT FOR PUBLIC AREA ENHANCEMENT

LUMP SUM PROPOSAL PRICE FOR:

DESIGN SERVICES

\$ _____

*Shall be conditional upon item 1.0: Design Implementation Master Plan & Item 2.0: Sub-area Element Construction Document & Permitting Fees Breakdown

Proposal Total in Words

PROJECT MANAGEMENT SERVICES

\$ _____

**Shall be conditional upon item 3.0: Sub-area Element Project Administration

Proposal Total in Words

PROPOSAL BREAKDOWN

The Proposer shall provide a schedule of values for all aspects of the project. The schedule of values shall be in sufficient detail to allow the owner to understand how the Proposer arrived at said proposal prices for design and prices for project management and shall become part of the contract for basis of payment. The City may ask for a more detailed schedule of values if one submitted is not sufficient.

- a. Plaza areas at Greene, William, Margaret and Grinnell Streets
- b. Harborwalk
- c. Historic Seaport Entry Features
- d. Landscaping
- e. Streetscaping, Signage, wayfinding
- f. Designated Parking areas for scooters, bicycles
- g. Lighting
- h. Pedestrian friendly walkways and bicycle routes, ADA compliance
- i. Re-development of any unused areas to facilitate and enhance utilization thereof
- j. Connectivity and integration of Key West Bight with Caroline Street Corridor Redevelopment Area utilizing consistent design features that could be applied to expanded areas throughout the city's waterfront.

Proposal price shall include design plans, design drawings, engineering, construction documents and specifications, permits and any other requirements for completion of the all components of the project.

ITEM 1.0: DESIGN IMPLEMENTATION PLAN

The scope for item 1 consists of the development of an overall design implementation plan for the Harborwalk Historic Seaport Area. The overall design will seek to address short-term and long-term design goals to facilitate the improvement and branding of all the public areas, as identified by the RFP document. The specific scope consists of the following items:

1. Data Compilation of Base Information and Relevant Material

CGA will collect from the CRA's Staff all pertinent data as available and deemed necessary for the development of a final design to address the areas of interest. At a minimum, surveyed base information, above-ground and sub-surface utility locations, easements, property lines, drainage improvements, topographic elevation points, existing landscaping and vegetation, crosswalks and stop bars, Right-of-Way delineations, and existing physical improvements shall be provided in digital format as a basis upon which to develop implementable design solutions.

2. Assessment of Existing Conditions

CGA will conduct an inventory of the target area's corridor, open space, and physical conditions. By conducting a maximum one (1) eight-hour (8) site visit, the CGA team will document conditions including:

- Existing vegetation conditions,
- Existing pedestrian experiential conditions,
- Existing vehicular experiential conditions,
- Existing adjacent land-uses,
- Existing area pedestrian and bikeways networks, and
- Existing programming and character elements.

The CGA Team will present their findings to the CRA, with a written summary.

3. Site Analysis

CGA will utilize all relevant data gathered to develop an analysis of the project areas upon which to expand and final the opportunities for development and programming, as well as to further the design concepts, provided as a part of the overall vision of this RFP response. Based on these analyses, CGA will establish a series of opportunities and constraints to be presented to the CRA. Depending on the analytical findings, CGA will recommend and discuss with the CRA the feasibility of the individual elements of their anticipated needs. These may include:

- Determine if existing facilities are sufficient to service needs
- Potential recreational opportunities
- Cultural opportunities
- Area-wide standards to create a uniform, quality, safe, aesthetic, and maintainable character
- Maintenance enhancements
- Opportunities for civic enhancements
- Opportunities for traffic calming
- Strategies for district branding and design cohesiveness

4. Key West Bight Target Area Design Implementation Plan

Upon completion of the preceding tasks, CGA will further the proposed design strategies through the preparation of plans, sections, sketches, illustrations, diagrams, and drawings that convey a sense of a proposed Design Implementation Plan for Key West Bight Target Area. The Design Implementation Plan's objective is to illustrate, locate and identify all programmatic elements within the area and to

PROPOSAL FORM

RFP #004-10 KEY WEST BIGHT DESIGN AND PROJECT MANAGEMENT FOR PUBLIC AREA ENHANCEMENT

LUMP SUM PROPOSAL PRICE FOR:

DESIGN SERVICES

\$ _____

*Shall be conditional upon item 1.0: Design Implementation Master Plan & Item 2.0: Sub-area Element Construction Document & Permitting Fees Breakdown

Proposal Total in Words

PROJECT MANAGEMENT SERVICES

\$ _____

**Shall be conditional upon item 3.0: Sub-area Element Project Administration

Proposal Total in Words

PROPOSAL BREAKDOWN

The Proposer shall provide a schedule of values for all aspects of the project. The schedule of values shall be in sufficient detail to allow the owner to understand how the Proposer arrived at said proposal prices for design and prices for project management and shall become part of the contract for basis of payment. The City may ask for a more detailed schedule of values if one submitted is not sufficient.

- a. Plaza areas at Greene, William, Margaret and Grinnell Streets
- b. Harborwalk
- c. Historic Seaport Entry Features
- d. Landscaping
- e. Streetscaping, Signage, wayfinding
- f. Designated Parking areas for scooters, bicycles
- g. Lighting
- h. Pedestrian friendly walkways and bicycle routes, ADA compliance
- i. Re-development of any unused areas to facilitate and enhance utilization thereof
- j. Connectivity and integration of Key West Bight with Caroline Street Corridor Redevelopment Area utilizing consistent design features that could be applied to expanded areas throughout the city's waterfront.

Proposal price shall include design plans, design drawings, engineering, construction documents and specifications, permits and any other requirements for completion of the all components of the project.

facilitate the overall vision that will serve as the guiding principle for the further design-development of each specific sub-area listed in the RFP (Please refer to diagram for letter-correlation):

- A. Plaza at Greene Street at Harborwalk
- B. Plaza at William Street at Harborwalk
- C. Plaza at Margaret Street at Harborwalk
- D. Plaza at Grinnell Street at Harborwalk
- E. Plaza at Front Street at Harborwalk
- F. Improvements along Harborwalk from Ferry Terminal at Grinnell Street to Front Street
- G. Historic Seaport Entry Features
- H. Landscaping Design Implementation Plan Element
- I. Streetscape along Grinnell Street from James Street to Harborwalk
- J. Streetscape along Margaret Street from Caroline Street to Harborwalk
- K. Streetscape along William Street from Caroline Street to Harborwalk
- L. Streetscape along Greene Street from Simonton Street to Harborwalk
- M. Streetscape along Caroline Street from William Street to Margaret Street
- N. Streetscape along Caroline Street from Margaret Street to Grinnell Street
- O. Designated parking areas for scooters and bicycles
- P. Lighting Design Implementation Plan Element
- Q. Pedestrian Friendly and Bicycle Routes Connectivity Elements

Redevelopment of unused areas to facilitate and enhance utilization thereof, principally:

- R. Existing Parking Area bound on the north, east and south by Margaret, Caroline and William Streets, respectively
- S. Existing Parking Area north of Margaret Street, adjacent to Margaret Street-end Plaza area and the Half-Shell Raw Bar establishment and the existing parking area north of Margaret Street, behind the Flagler Station establishment
- T. Existing Right-of-Way along Lazy Lane from William Street to Elizabeth Street, inclusive of the existing landscape area located between Lazy Lane and Green Street Plaza
- U. Existing dock between Margaret Street Plaza and newly reconstructed Dry Tortugas Terminal
[Please refer to attached diagram]



Fee Schedule - Limit of Work Area Designation Key

5. Component Design

Upon completion of the preceding tasks, CGA will further the proposed design schematics through the preparation of plans, sections, sketches, illustrations, diagrams, and drawings that convey a detailed design for each of the above mentioned specific sub-areas.

6. Element Design

CGA will also develop standards for the incorporation of district-wide design elements. These will aid in the development of a cohesive character, quality and delivery of all Design Implementation Plan project components, irrespective of phasing status. These include:

- Architectural Features, Gateway Articulation Concept
- Architectural Features, Major Node Articulation Concept
- Landscape Plantings and Irrigation Implementation parameters and standards
- Site Amenities, Bus Shelters Dimensional Conceptual Plans
- Site Amenities, Vendor Kiosks Dimensional Conceptual Plans
- Site Amenities, Bike and Scooter Parking Shelters Dimensional Conceptual Plans
- Site Amenities, Street, Pedestrian and Landscape Lighting product selection and utilization standards
- Site Amenities, Seating product selection and utilization standards
- Site Amenities, Trash Receptacles product selection and utilization standards
- Way-finding Component, Street-end Monumental Signage, Prototypical Dimensional Conceptual Plans
- Way-finding Component, Street Identification Signage, Prototypical Dimensional Conceptual Plans
- Way-finding Component, Harborwalk Historical Narrative Signage, Prototypical Dimensional Conceptual Plans
- Way-finding Component, Harborwalk Vessel-related Business Signage, Prototypical Dimensional Conceptual Plans

7. Probable Cost Analysis and Estimate

CGA will perform a cost analysis to submit to the CRA with an estimate for the implementation of the project elements, based on a prioritization schedule developed by direction of CRA Staff. This will assist the CRA in prioritizing the most important aspects of the Plan. The cost analysis will be organized in a method consistent to an implementation strategy, phasing the project over time. It will also include projected maintenance costs for the project elements.

CGA will conduct one (1) revision to the Draft in preparation for the Design Implementation Plan.

8. Final Design Implementation Plan Draft Submittal

CGA will present to the CRA a preliminary draft of the Final Key West Bight Design Implementation Plan, with all its components for the CRA's review. These components may include, but are not limited to:

- Executive Summary
- Existing Conditions Analysis
- Visioning Workshop Summary
- Final Overall Design Implementation Plan

- Sub-area Components Diagrams
- Elements, Products, and Material Finishes
- Cost Estimates
- Anticipated Estimate of Construction Scheduling and Anticipated Implementation Program

CGA will provide a maximum of 7 hard copies of bound 11x17 inch books in landscape format of the draft Final Key West Bight Design Implementation Plan for review by the CRA's Staff.

9. Final Revisions to the Plan.

Upon receipt of comments from the CRA, CGA will conduct one (1) final revision to the Key West Bight Target area Design Implementation Plan document.

10. Final Harborwalk Historic Seaport Target area Design Implementation Plan Presentation.

The CGA Team will present its final and revised Key West Bight Target area Design Implementation Plan to the CRA Council for approval and adoption.

ITEM 1.1: SCHEDULE (To be completed in 120 days, subject to receipt of all required surveyed base information and relevant material)

Data Compilation of Base Information and Relevant Material	2 Weeks	
Assessment of Existing Conditions	1 Weeks	
Site Analysis	2 Weeks	
Key West Bight Target Area Design Implementation Plan		4 Weeks
Component Design	7 Weeks	
Element Design	3 Weeks	
Probable Cost Analysis and Estimate	1 Weeks	
Final Design Implementation Plan Draft Submittal		1 Weeks
Final Revisions to the Plan	2 Weeks	
Final Key West Bight Target area Design Implementation Plan Presentation		1 Weeks

ITEM 1.2: Cost

Items 1-10, listed under 1.0 Design Implementation Plan \$248,750

ITEM 2.0: SUB-AREA ELEMENT CONSTRUCTION DOCUMENTATION AND PERMITTING FEES BREAKDOWN

Basis of proposal for all included items:

- The CRA shall provide a digital survey base for the public areas noted in the RFP. At a minimum, surveyed base information, above-ground and sub-surface utility locations, easements, property lines, drainage improvements, topographic elevation points, existing landscaping and vegetation, crosswalks and stop bars, Right-of-Way delineations, and existing physical improvements shall be provided in digital format as a basis upon which to develop implementable design solutions.
- The Engineering Infrastructure improvements for the gravity wells appear to have been funded in the CIP and are to be completed by others.
- All structural elements for the Harbor Walk docks are to remain in the current configuration and the proposed enhancements will be implemented on the existing structures. No environmental permitting is anticipated as part of these services.
- The existing FPL overhead utilities shall remain in place.
- The current water and sewer lines shall remain in place.
- The CRA shall serve as the authorizing agent for all permitting regardless of ownership rights.
- The current details for the handicap walkways and ADA compliance issues currently being utilized in the CRA area shall be used for this project.
- All work to be performed shall be entirely within existing right of way easements of record. No services related to the granting or abandonment of R/W Easements is included.
- Not site planning process has been included in the fees. All application fees, permit fees, impact fees and similar fees shall be the responsibility of the City/CRA.
- Any transfer of development rights would be the responsibility of the CRA.
- Any work required to relocate underground utilities shall be the responsibility of the CRA.

2.1 Plaza at Greene Street at Harborwalk

Element total: \$55,595

Engineering Services	\$26,560
Landscape Architectural Services	\$23,210
Electrical Engineering Services	\$3,250
Permitting Services	\$2,575

2.2 Plaza at William Street at Harborwalk

Element total: \$48,170

Engineering Services	\$24,540
Landscape Architectural Services	\$20,510
Electrical Engineering Services	\$1,750
Permitting Services	\$1,370

2.3 Plaza at Margaret Street at Harborwalk

Element total: \$53,500

Engineering Services	\$25,230
Landscape Architectural Services	\$24,360
Electrical Engineering Services	\$2,250
Permitting Services	\$1,660

2.4 Plaza at Grinnell Street at Harborwalk

Element total: \$47,180

Engineering Services	\$25,660
Landscape Architectural Services	\$18,110
Electrical Engineering Services	\$1,750
Permitting Services	\$1,660

2.5 Plaza at Front Street at Harborwalk

Element total: \$45,800

Engineering Services	\$25,460
Landscape Architectural Services	\$16,200
Electrical Engineering Services	\$2,250
Permitting Services	\$1,890

2.6 Improvements along Harborwalk from Ferry Terminal at Grinnell Street to Front Street

Element total: \$61,506

Engineering Services	\$29,450
Landscape Architectural Services	\$28,536
Electrical Engineering Services	\$2,250
Permitting Services	\$1,270

2.7 Historic Seaport Entry Features

Element total: \$39,200

Engineering Services	\$22,930
Landscape Architectural Services	\$12,750
Electrical Engineering Services	\$2,250
Permitting Services	\$1,270

Note: structural engineering fee is not included and will be based upon the size of the proposed feature

2.8 Landscaping Design Implementation Plan Element

Element total:

\$66,750	
Landscape Architectural Services	\$64,500
Electrical Engineering Services	\$2,250

2.9 Streetscape along Grinnell Street from James Street to Harborwalk

Element total: \$51,890

Engineering Services	\$28,120
Landscape Architectural Services	\$19,500
Electrical Engineering Services	\$1,550
Permitting Services	\$2,720

2.10 Streetscape along Margaret Street from Caroline Street to Harborwalk

Element total: \$51,040

Engineering Services	\$28,120
Landscape Architectural Services	\$18,450
Electrical Engineering Services	\$1,750
Permitting Services	\$2,720

2.11 Streetscape along William Street from Caroline Street to Harborwalk

Element total: \$45,202

Engineering Services	\$28,120
Landscape Architectural Services	\$12,812
Electrical Engineering Services	\$1,550
Permitting Services	\$2,720

2.12 Streetscape along Greene Street from Simonton Street to Harborwalk

Element total: \$54,130

Engineering Services	\$25,140
Landscape Architectural Services	\$23,750
Electrical Engineering Services	\$2,250
Permitting Services	\$2,990

2.13 Streetscape along Caroline Street from William Street to Margaret Street

Element total: \$57,510

Engineering Services	\$27,790
Landscape Architectural Services	\$24,480
Electrical Engineering Services	\$2,250
Permitting Services	\$2,990

2.14 Streetscape along Caroline Street from Margaret Street to Grinnell Street

Element total: \$57,510

Engineering Services	\$27,790
Landscape Architectural Services	\$24,480
Electrical Engineering Services	\$2,250
Permitting Services	\$2,990

2.15 Designated parking areas for scooters and bicycles

Element total: \$23,910

Engineering Services	\$12,930
Landscape Architectural Services	\$8,100
Electrical Engineering Services	\$1,550
Permitting Services	\$1,330

2.16 Lighting Design Implementation Plan Element

Element total: \$15,560

Landscape Architectural Services	\$8,310
Electrical Engineering Services	\$4,750
Permitting Services	\$2,500

2.17 Pedestrian Friendly and Bicycle Routes Connectivity Elements

Element total: \$34,970

Engineering Services	\$22,660
Landscape Architectural Services	\$9,720
Electrical Engineering Services	\$1,550

Permitting Services \$1,040

2.18 Redevelopment of unused areas to facilitate and enhance utilization thereof, principally:

2.18.1 Streetscape around existing Parking Area bound on the north, east and south by Margaret, Caroline and William Streets, respectively; siting of retail and parking area footprints (Building Architectural Design not included) Element total: \$91,290

Engineering Services	\$28,260
Landscape Architectural Services	\$53,250
Electrical Engineering Services	\$5,750
Permitting Services	\$4,030

2.18.2 Streetscape around existing Parking Area north of Margaret Street, adjacent to Margaret Street-end Plaza area and the Half-Shell Raw Bar establishment; and the existing parking area north of Margaret Street, behind the Flagler Station establishment Element total: \$81,575

Engineering Services	\$28,630
Landscape Architectural Services	\$44,685
Electrical Engineering Services	\$4,750
Permitting Services	\$3,510

2.18.3 Streetscape along existing Right-of-Way along Lazy Lane from William Street to Elizabeth Street, inclusive of the existing landscape area located between Lazy Lane and Green Street Plaza Element total: \$69,480

Engineering Services	\$27,340
Landscape Architectural Services	\$35,700
Electrical Engineering Services	\$3,450
Permitting Services	\$2,990

2.18.4 Paving treatment on existing dock between Margaret Street Plaza and newly reconstructed Dry Tortugas Terminal Element total: \$36,580

Engineering Services	\$23,550
Landscape Architectural Services	\$8,120
Electrical Engineering Services	\$3,250
Permitting Services	\$1,660

Total Design Services \$1,337,098

ITEM 3.0: SUB-AREA ELEMENT PROJECT ADMINISTRATION

Basis of proposal for all included items:

- The CRA shall provide a digital survey base for the public areas noted in the RFP. At a minimum, surveyed base information, above-ground and sub-surface utility locations, easements, property lines, drainage improvements, topographic elevation points, existing landscaping and vegetation, crosswalks and stop bars, Right-of-Way delineations, and existing physical improvements shall be provided in digital format as a basis upon which to develop implementable design solutions.
- The Engineering Infrastructure improvements for the gravity wells appear to have been funded in the CIP and are to be completed by others.
- All structural elements for the Harbor Walk docks are to remain in the current configuration and the proposed enhancements will be implemented on the existing structures.
- The existing FPL overhead utilities shall remain in place.
- The current water and sewer lines shall remain in place.
- The CRA shall serve as the authorizing agent for all permitting regardless of ownership rights.
- The current details for the handicap walkways and ADA compliance issues currently being utilized in the CRA area shall be used for this project.
- All work to be performed shall be entirely within existing right of way easements of record. No services related to the granting or abandonment of R/W Easements is included.
- Not site planning process has been included in the fees. All application fees, permit fees, impact fees and similar fees shall be the responsibility of the City/CRA.
- Any transfer of development rights would be the responsibility of the CRA.
- Any work required to relocate underground utilities shall be the responsibility of the CRA.
- Site Inspection Services are provided for the indicated quantity of hours. Services provided in excess of the anticipated hours provided shall be deemed as “Additional Services” and shall be billed at the standard rate corresponding to the attached Rate Schedule.
- Contract Management Services with months noted below are the anticipated construction timeframe, if the contractor’s schedule extends beyond this timeframe the additional hours shall be considered an “Additional Service” and shall be billed at the standard rate corresponding to the attached Rate Schedule.
- Pay requests are anticipated to be submitted monthly.
- Progress meetings shall be bi-weekly with the attendance of the Project Site inspector and may include the CRA Director.

3.1 Plaza at Greene Street at Harborwalk

Bidding Services	\$3000
Contract Management Services (6 months)	\$2000
Site Construction Inspection Services (576 hours)	\$57,600
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$66,100

3.2 Plaza at William Street at Harborwalk

Bidding Services	\$3000
Contract Management Services (3 months)	\$1250
Site Construction Inspection Services (288 hours)	\$28,800
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$36550

3.3 Plaza at Margaret Street at Harborwalk

Bidding Services	\$3000
Contract Management Services (6.15 months)	\$2038
Site Construction Inspection Services (591 hours)	\$59,040
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$67,578

3.4 Plaza at Grinnell Street at Harborwalk

Bidding Services	\$3000
Contract Management Services (3.15 months)	\$1288
Site Construction Inspection Services (303 hours)	\$30,240
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$38,028

3.5 Plaza at Front Street at Harborwalk

Bidding Services	\$3000
Contract Management Services (3.05 months)	\$1263
Site Construction Inspection Services (293 hours)	\$29,280
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$37043

3.6 Improvements along Harborwalk from Ferry Terminal at Grinnell Street to Front Street

Bidding Services	\$3000
Contract Management Services (8.0 months)	\$2500
Site Construction Inspection Services (768 hours)	\$76,800
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$85,800

3.7 Historic Seaport Entry Features

Bidding Services	\$3000
Contract Management Services (2 months)	\$1000
Site Construction Inspection Services (192 hours)	\$19,200
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$26,700

3.8 Landscaping Design Implementation Plan Element

3.9 Streetscape along Grinnell Street from James Street to Harborwalk

Bidding Services	\$3000
Contract Management Services (6.05 months)	\$2015
Site Construction Inspection Services (581 hours)	\$58,080
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$66,595

3.10 Streetscape along Margaret Street from Caroline Street to Harborwalk

Bidding Services	\$3000
Contract Management Services (7.5 months)	\$2375
Site Construction Inspection Services (720 hours)	\$72,000
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$80,875

3.11 Streetscape along William Street from Caroline Street to Harborwalk

Bidding Services	\$3000
Contract Management Services (6.25 months)	\$2065
Site Construction Inspection Services (600 hours)	\$60,000
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$68,565

3.12 Streetscape along Greene Street from Simonton Street to Harborwalk

Bidding Services	\$3000
Contract Management Services (7.0 months)	\$2250
Site Construction Inspection Services (672 hours)	\$67,200
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$75,950

3.13 Streetscape along Caroline Street from William Street to Margaret Street

Bidding Services	\$3000
Contract Management Services (4.0 months)	\$1500
Site Construction Inspection Services (384 hours)	\$38,400
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$46,400

3.14 Streetscape along Caroline Street from Margaret Street to Grinnell Street

Bidding Services	\$3000
Contract Management Services (4.0 months)	\$1500
Site Construction Inspection Services (384 hours)	\$38,400
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$51,400

3.15 Designated parking areas for scooters and bicycles

Bidding Services	\$3000
Contract Management Services (3.0 months)	\$1250
Site Construction Inspection Services (288 hours)	\$28,800
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$36,550

3.16 Lighting Design Implementation Plan Element

3.17 Pedestrian Friendly and Bicycle Routes Connectivity Elements

Bidding Services	\$3000
Contract Management Services (6.5 months)	\$2165
Site Construction Inspection Services (624 hours)	\$62,400
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$71,065

3.18 Redevelopment of unused areas to facilitate and enhance utilization thereof, principally:

3.18.1 Streetscape around existing Parking Area bound on the north, east and south by Margaret, Caroline and William Streets, respectively; siting of retail and parking area footprints (Building Architectural Design not included)

Bidding Services	\$3000
Contract Management Services (6.25 months)	\$2065
Site Construction Inspection Services (600 hours)	\$60,000
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$68,565

3.18.2 Streetscape around existing Parking Area north of Margaret Street, adjacent to Margaret Street-end Plaza area and the Half-Shell Raw Bar establishment; and the existing parking area north of Margaret Street, behind the Flagler Station establishment

Bidding Services	\$3000
Contract Management Services (8.5 months)	\$2625
Site Construction Inspection Services (816 hours)	\$81,600
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$90,725

3.18.3 Streetscape along existing Right-of-Way along Lazy Lane from William Street to Elizabeth Street, inclusive of the existing landscape area located between Lazy Lane and Green Street Plaza

Bidding Services	\$3000
Contract Management Services (8.0 months)	\$2500
Site Construction Inspection Services (768 hours)	\$76,800
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$85,800

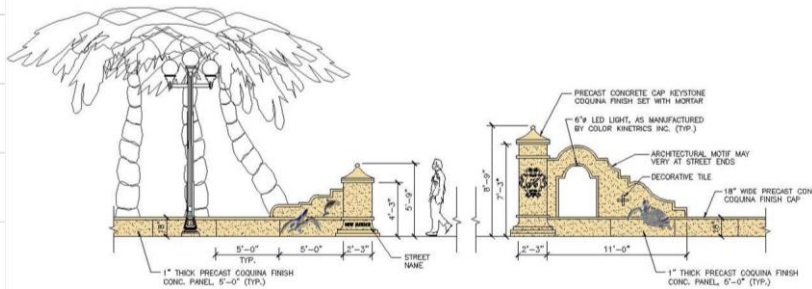
3.18.4 Paving treatment on existing dock between Margaret Street Plaza and newly reconstructed Dry Tortugas Terminal

Bidding Services	\$3000
Contract Management Services (2.75 months)	\$1187
Site Construction Inspection Services (264 hours)	\$26,400
Final Walkthrough Services	\$1500
Contract Closeout Services	<u>\$2000</u>
	\$34,087

Total Project Administration **\$1,134,376**

HOLLYWOOD BEACH BROADWALK

Hollywood Community Redevelopment Agency



SERVICES PROVIDED: *Design Plan, Branding, Wayfinding, Implementation*

Named one of America's top ten nostalgic promenades by USA Today, the Hollywood Beach Historic Broadwalk is more than 2 miles long, featuring a bricklined pedestrian promenade that combines dramatic coastal views with the nostalgic feel of a Main Street thoroughfare. The project included; multicolored concrete decorative pavers, tabby concrete bike path, crushed shell jogging path, 18" high decorative wall, historically significant Tri-globe and Acorn lighting fixtures, and palm tree clusters. Walkers, runners, bicyclists and rollerbladers set their own pace on this path, which is bordered by six miles of Hollywood's famous coastline, boutique hotels, charming shops, cafés and places to eat facing the ocean.

SOMBRERO BEACH REDEVELOPMENT PLAN

Marathon, Florida



SERVICES PROVIDED: *Landscape Architectural Design, Site Furnishing, Planning*

Sombrero Beach Park, located in the City of Marathon, has been for years the core of the City's civic spaces. The park has been used for daily recreational uses as a beachfront park and for seasonal events, such as the City's Fourth of July Celebration. Additionally, the beach park is a designated turtle nesting habitat, utilized by four predominant species of turtles. CGA was approached by the City and the Community of Marathon to redesign the park to expand its programming for recreational uses, enhance its environmental condition as a turtle nesting habitat, and provide new on-site amenities that were sensitive to the architectural character of the Florida Keys. More importantly, the redesign for the park had to preserve and strengthen the role the public space had with the aspects of the community's identity. In response, CGA expanded the program for the park to include extensive, walkable circuits for pedestrian use, children's playground and play equipment, restroom facilities, new gateway and controlled access features, added picnic shelters, volleyball courts, and multiple-use open public spaces that lend themselves to the personalization of the park by the visitors. The design reestablished a beach dune habitat in a manner that would be conducive to the promotion of turtle nesting and the protection of the nests from tampering or neglectful destruction.

WYLAND PUBLIC ART STREET END

Hollywood Community Redevelopment Agency



SERVICES PROVIDED: *Design, Construction Management, Marketing*

Marine Life Artist Wyland has earned the distinction as one of America's most unique creative influences, and a leading advocate for marine resource conservation. An accomplished painter, sculptor, photographer, writer, and SCUBA diver, he has traveled the farthest reaches of the globe for more than twenty-five years, capturing the raw power and beauty of the undersea universe. The Hollywood Beach Redevelopment Agency hosted Wyland's Ocean Challenge National Event and later incorporated his signature sculpture work into the Historic Hollywood Broadwalk street ends.

SURFSIDE BEACHWALK MASTER PLAN

Surfside, Florida



SCOPE OF SERVICES PROVIDED: *Landscape Design, Environmental Planning, Surveying*

CGA developed a design master plan for Surfside's 1-mile long beachfront areas, targeted at establishing a clearly legible connection and integration between the Town and the waterfront. As such, the design provides that design parameters with the necessary qualities to overcome the overwhelming barrier that the 12-story water-front buildings create in people's perceptual connection to the ocean. The design also establishes an aesthetic quality that immediately symbolizes an iconic experience for the Town, and by doing so defines its 'place,' creating an important that this iconic experience be unique and singular to Surfside. The design establishes experiences that are visible and can be experienced from all points of view of the project: as a response to the streetscape environment, in plan view from the adjacent buildings' apartments looking down on the project, on the approach along the beach walk, as a restorative edge from the dune trail, and from the beachfront environment. One of the most visible components of the design is a metal trellis structure intended to symbolize the liquidity and transparency of the ocean beyond, since the water is not visible from the western edges of the Town resulting from the change of elevation between it and A1A. It is a physical component that captures the imagination and immediately embeds the Beachfront with an iconographic quality that will be recognized as belonging to Surfside, solely, in its quest for an international presence like its northern neighbor of Bal Harbour. This value goes beyond just the simplistically ones of aesthetics; it establishes branding and identity.

NORTH LAUDERDALE ENTRY SIGNS

North Lauderdale, Florida

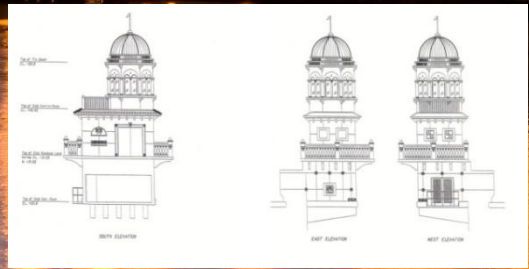
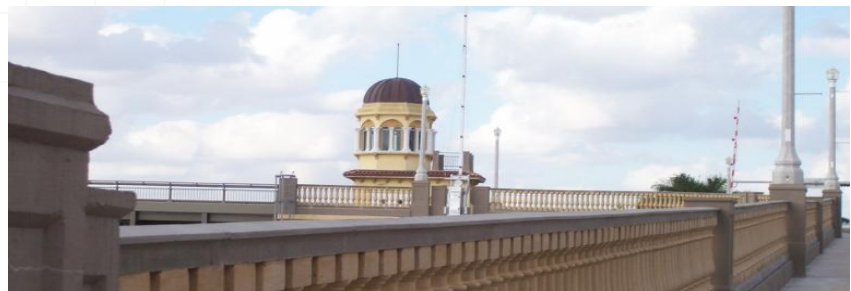


SCOPE OF SERVICES PROVIDED: *Branding, Environmental Graphics, Schematic Planting Design*

The design for the entry features developed for the City of North Lauderdale are intended to establish and define the boundaries and edges of the City. The design is inspired by the work of Morris Lapidus, who was among the first architects responsible for designing insertions into the northern Broward landscape before the City incorporated. While the entry features are designed to signal entry into the City, they are articulated to represent the contemporary nature of the City's residents. Uses of natural material, staged against a backdrop of proportioned wall features, provides opportunities for the City to express her future vision as a place that is poised for growth.

HOLLYWOOD BOULEVARD BRIDGE

Hollywood Community Redevelopment Agency

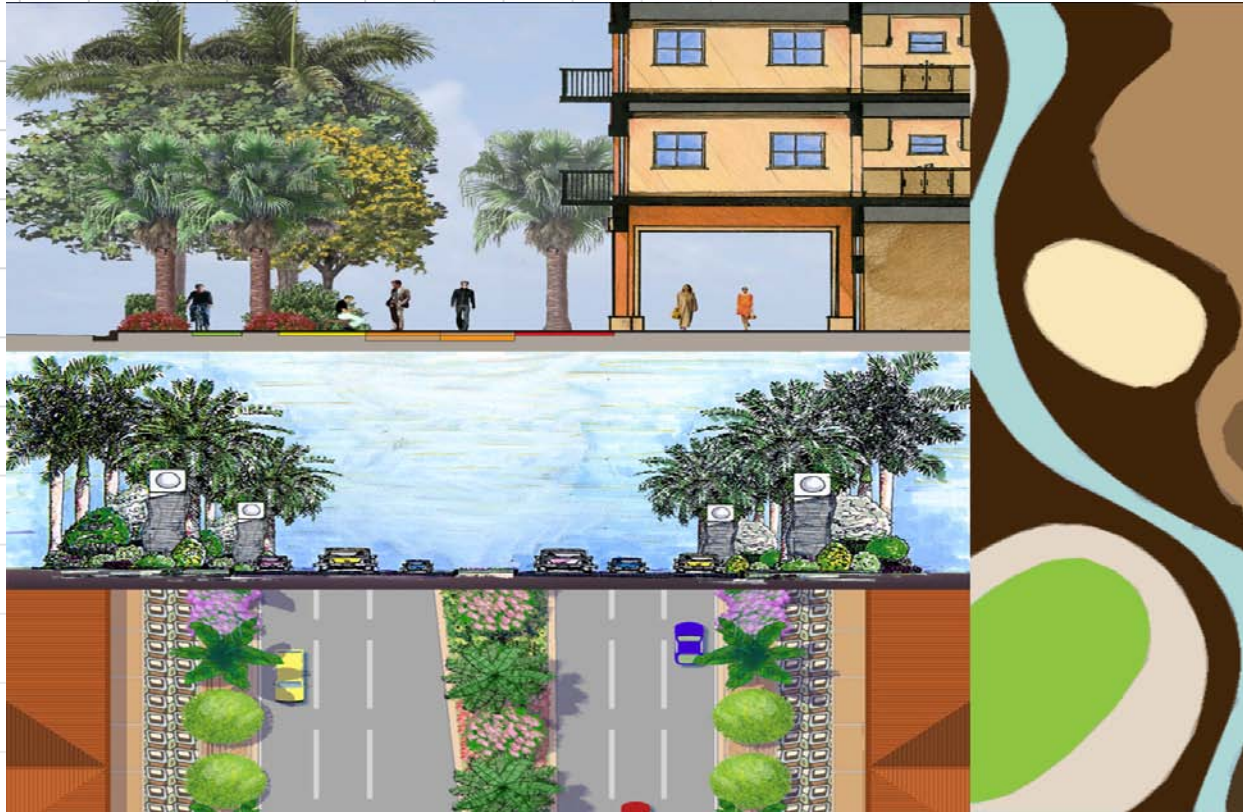


SERVICES PROVIDED: *Design, Branding, Wayfinding*

The Hollywood Boulevard Bridge Rehabilitation and “Gateway” Project, was a joint effort between the City of Hollywood, the Community Redevelopment Agency, and the Florida Department of Transportation. Completed in 2008, the bridge improvements included: A complete façade renovation on the current control tower, brand new gatehouse tower, new decorative pedestrian walkway, and decorative lighting on the bridge and approach ramps.

DORAL STREETSCAPE BEAUTIFICATION MASTER PLAN

Doral, Florida



SCOPE OF SERVICES PROVIDED: *Landscape Design, Site Furnishing, Irrigation, Planning, Engineering*

Calvin Giordano & Associates had completed a preliminary draft of the Doral Boulevard Beautification Master Plan for NW 36/41st Street in the newly incorporated City of Doral. The master plan addresses issues both of the planning and beautification nature. The plan establishes the guidelines for urban development fronting the boulevard, determining building heights, massing characteristics, sidewalk amenities, and it established the parameters through which a pedestrian-friendly environment can be created. Additionally, the master plan establishes a beautification palette consisting of street furniture, paving styles, plant palettes, and architectural features at strategic points for the creation of gateways and determinant of a sense of place

WYLAND WALL – WYLAND WALK

City of North Lauderdale, Redevelopment District



SERVICES PROVIDED: *Design, Construction Management*

Famed marine life artist Wyland painted his 99th and final mural in the United States on a 1,000-foot length of buffer wall along a major thoroughfare in the City of North Lauderdale called Whaling Wall. The spectacular painting features manatees, coral reefs, dolphins, turtles, mangroves and other sea life. This one of kind “day and night” wall was later augmented by park benches, lush landscaping and a walkway inlaid with blue and green recycled glass to create a functional piece of public art known as the Wyland Walk. The new area anchored the City’s “Arts in Public Places” program, which strives to implement thought-provoking, original art to help inspire residents. The program, coupled with ongoing redevelopment initiatives, help to foster distinctive, attractive communities with a sense of place.

HURRICANE MONUMENT

Islamorada, Florida



SCOPE OF SERVICES PROVIDED: *Landscape Architecture*

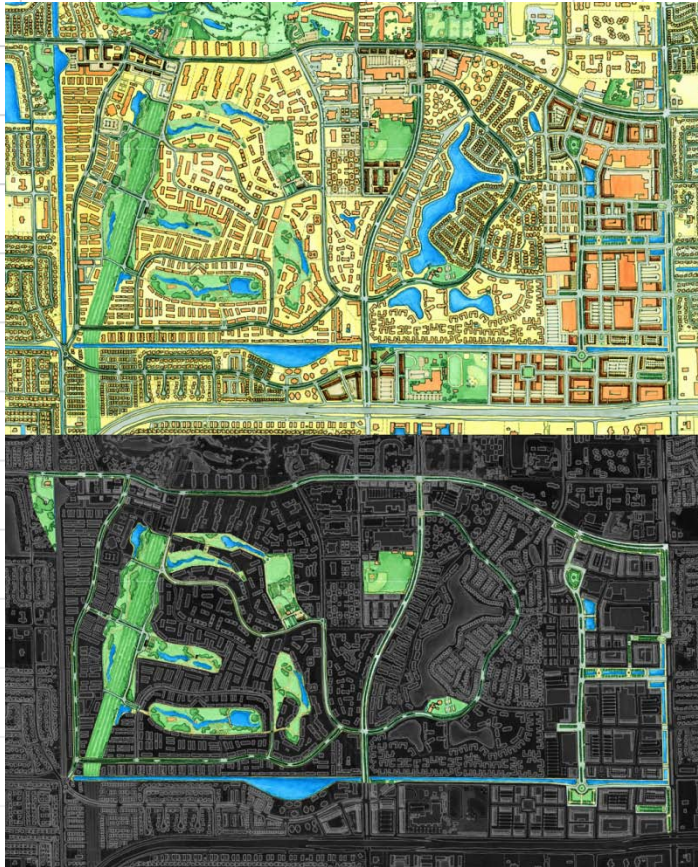
This Florida Keys Memorial, known locally as the "Hurricane Monument," was built to honor hundreds of American veterans and local citizens who perished in the "Great Hurricane" on Labor Day, September 2, 1935. On that day, Islamorada sustained winds of 200 miles per hour and a barometer reading of 26.35 inches for many hours. Many local buildings and the Florida East Coast Railway were destroyed by what was recorded as the most savage hurricane in history. Hundreds of World War I veterans who had been camped in the Matecumbe area while working on the construction of U.S. Highway One for the Works Progress Administration (WPA) were killed.

In 1937, the cremated remains of approximately 300 people were placed within the tiled crypt in front of the monument. The monument is composed of native keystone and its striking frieze depicts coconut palm trees bending beneath the force of hurricane winds while the waters from an angry sea lap at their trunks.

CGA performed a detailed survey and landscape restoration to the drive immediately southeast of the Islamorada Hurricane Monument. This drive connects the Old Road to the Overseas Highway and to the Monument site up to its northeastern property line.

NORTHWEST DADE COMMUNITY URBAN REDEVELOPMENT CHARRETTE

Miami, Florida



SCOPE OF SERVICES PROVIDED: *Charrette, Community Workshops, Landscape Architecture Design, Civil Engineering*

Calvin Giordano & Associates, Inc. was retained by Miami-Dade County as the prime consultant for conducting a community design charrette. The purpose of the charrette is to involve the area's residents, property owners and stakeholders in a process for the urban redevelopment design of the area. The focus of the project is to guide the participation of the charrette to arrive at design alternatives for the establishment of a community, pedestrian-oriented paradigm that related to the existing conditions and needs of immediate communities. The area is predominantly residential, with some commercial, industrial and institutional uses. Of great advantage, the area is characterized by a large quantity of park/open space, predominantly belonging to an existing golf course. CGA will be responsible for coordinating all the efforts on behalf of Miami-Dade County, including staffing the event with in-house artists, architects, designers, engineers and traffic engineers, as well as all community outreach and media coverage, in order to ensure a successful product.

OVERTOWN COMMUNITY PARK

Miami, Florida



SCOPE OF SERVICES PROVIDED: *Community Workshop, Landscape Architecture Design, Civil Engineering*

The Overtown Community Park in Downtown Miami's Overtown Neighborhood is evidence of our focus on creating spaces of civic and communal value. The agenda for the development of the park was to allow for the creation of 'Place' not by designers but by the actual individuals who are going to invest in the park's longevity and meaning – the people.

Typically, projects that are developed with a public involvement component allow for the community to become involved at the very beginning or end of a project, and it is always more on a reactionary realm. This park is different, starting with the fact that the Trust for Public Land and the YWCA structured a partnership that established at its core that an entity representative of the community and which already had an established involvement with the local people (YWCA) would be the official caretaker of the park – not the municipality. We used this basis as a platform to strategize the development of the design of the park. From the beginning we acknowledged that space and money were very limited, but what this park was not going to have in vistas or 'bells and whistles,' it was going to have in spirit. In order to get the community involved, we held a charrette that truly engaged the participating community and gave everyone a voice. Adults were given an opportunity in a typical charrette structure, where they participated in teams with a CGA moderator to come up with design alternatives that expressed their vision. The children had their own version of a charrette – they participated in fun drawing sessions, where they also had a voice in expressing what their ideal park looked like or what types of amenities it had. As project manager, Gianni Feoli provided leadership and set the tone for the entire process: a process that had to be focused on the community and that CGA's role was not one of a designer intended on imposing design solutions on the community but rather one of a facilitator who's agenda was to guide the process, interpret the input of the community and return to them with something that they envisioned.

OVERTOWN COMMUNITY PARK

Miami, Florida



SCOPE OF SERVICES PROVIDED: *Community Workshop, Landscape Architecture Design, Civil Engineering*

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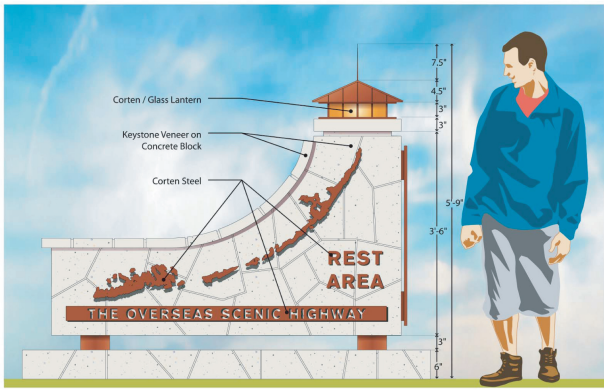
PROJECT: HOLLYWOOD BEACH IDENTITY, BRANDING & WAYFINDING FOR THE HISTORIC BROADWALK
PREPARE FOR: HOLLYWOOD BEACH COMMUNITY REDEVELOPMENT AGENCY
SPONSORED BY: CITY OF HOLLYWOOD, FL
BROWARD COUNTY • FLORIDA DEPARTMENT OF TRANSPORTATION



PROJECT: THE FLORIDA KEYS SCENIC HIGHWAY INTERPRETIVE MASTER PLAN
 PREPARE FOR: FLORIDA KEYS SCENIC HIGHWAY ADVISORY GROUP
 SPONSORED BY: FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT 6
 MONROE COUNTY GROWTH MANAGEMENT
 THE FEDERAL HIGHWAY ADMINISTRATION NATIONAL SCENIC BYWAYS PROGRAM



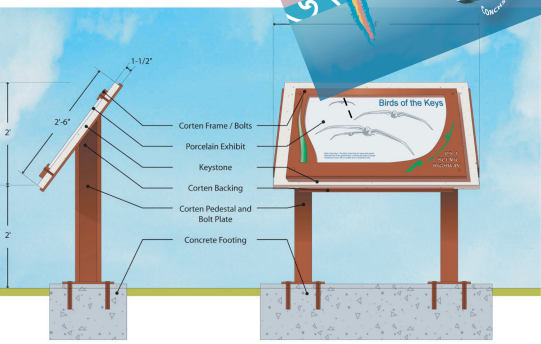
Corridor Trailhead Station



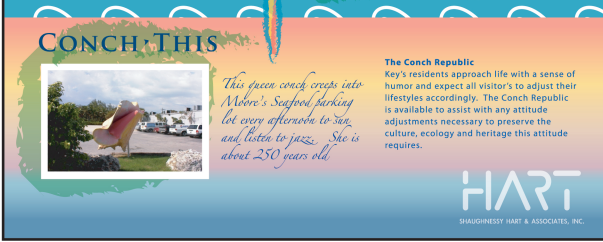
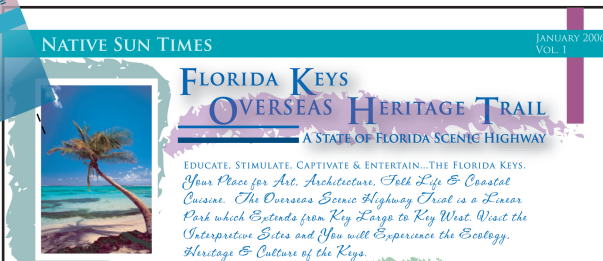
Prototype: Scenic Highway Facilities Identification Sign



Prototype DVD Cover



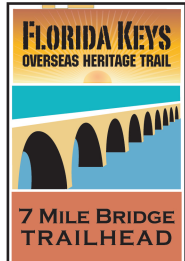
Prototype: Interpretive Exhibits



Prototype Monthly Newsletter



Prototype DVD Visitor's Guide, Maps & Directions, Calendar of Events & Local History

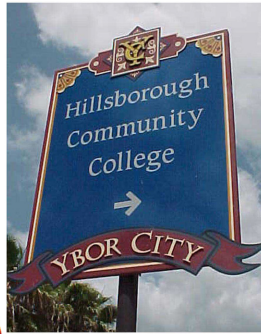
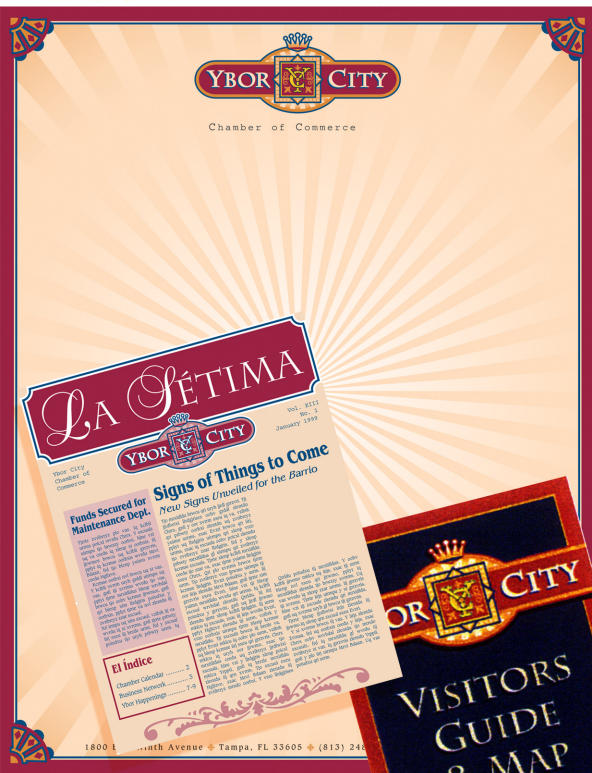
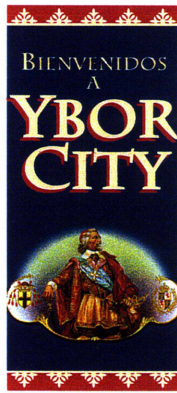
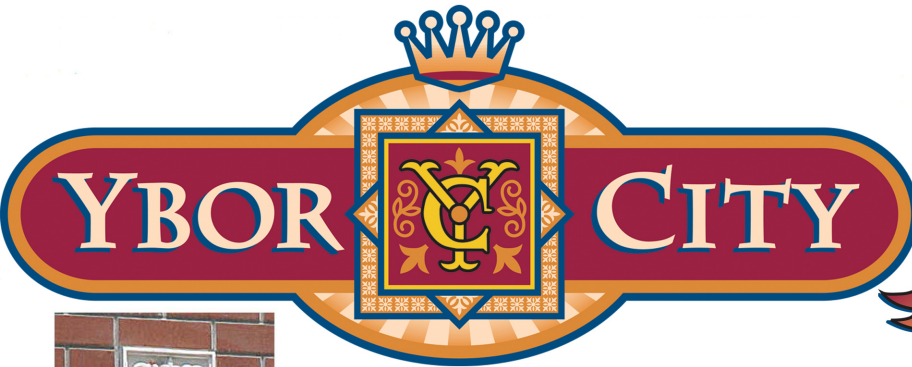


Prototype Trailhead I.D.

The mission for this plan was to create a unifying orientation and visitation framework for the interpretation of the important scenic, ecological, historical, cultural, and recreational resources of the Keys. Studies include signs, wayfinding, print & digital marketing graphics to promote, support and provide information to the visitors.

PROJECT:
PREPARE FOR:
SPONSORED BY:

YBOR CITY CORPORATE IDENTITY, BRANDING & WAYFINDING PROJECT
CITY OF TAMPA, FL • BARRIO LATINO COMMISSION
YBOR CITY DEVELOPMENT BOARD • FLORIDA DEPARTMENT OF TRANSPORTATION



Ybor City's graphic identity is derived from and reflective of the area's unique history and the cultural, historical and architectural influences which define this National Historic Landmark District. Ybor's legacy of fine craftsmanship, ornamentation and Old-World artistry is carried through an image which projects an antique stateliness, while at the same time appearing fresh and vibrant. The main logo mark is evocative of the elaborate cigar bands designed for Ybor's best-known industry and the one which quite literally built the town.

PROJECT: BEACH STREET BEAUTIFICATION PROJECT
PREPARE FOR: CITY OF DAYTONA BEACH, FL • COMMUNITY REDEVELOPMENT
SPONSORED BY: FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT 5



PROJECT SCOPE INCLUDED
PEDESTRIAN CROSSWALKS
STRUCTURES, INFORMATION KIOSK,
AND DIRECTIONAL SIGNS



Notice to Proposer: Use Black Ink or Type For Completing the Form.

PROPOSAL

To: CRA
Address: 525 Angela Street, Key West, Florida 33040
Project Title: KEY WEST BIGHT DESIGN AND PROJECT MANAGEMENT FOR PUBLIC AREA ENHANCEMENT
Project: RFP #004-10

PROPOSER'S INFORMATION

Name: Calvin, Giordano & Associates, Inc.
Address: 1800 Eller Drive
Suite 600
Ft. Lauderdale, FL 33316
Contact Name: Richard Sala
Email: rsala@calvin-giordano.com
Telephone: 954-921-7781
Fax: 954-921-8807

PROPOSER'S DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Proposer, declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

The Proposer further declares that he/she has carefully examined the Contract Documents for the project and conditions of work involved. Contract Documents, and that this Proposal is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Proposal.

The Proposer further agrees that he/she has exercised his/her own judgment regarding the interpretation of job conditions and has utilized all data, which he/she believes pertinent from the Project Manager, Owner, and other sources in arriving at his/her conclusions.

CONTRACT EXECUTION

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 no 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 Sate 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)

February 16, 2010

(Date)

STATE OF Florida

COUNTY OF Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

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

space provided above on this _____ day of _____, 2010.

My commission expires:

NOTARY PUBLIC

SUBCONTRACTORS

The Proposer further proposes that the following subcontracting firms or businesses will be awarded subcontracts for the following portions of the work in the event that the Proposer is awarded the Contract:

Portion of Work: _____

Name: _____

Address: _____

Portion of Work: _____

Name: _____

Address: _____

Portion of Work: _____

Name: _____

Address: _____

PROPOSER

The name of the Proposer submitting this Proposal is: _____

Doing business at _____

City _____ State _____ Zip _____

Telephone No. _____

This address is where all communications concerning this Proposal shall be sent.

SWORN STATEMENT UNDER SECTION 287.133(3)(a)

FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

PROJECT RFP #XXXXX: KEY WEST BIGHT DESIGN AND PROJECT MANAGEMENT FOR PUBLIC AREA ENHANCEMENT

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 Proposal, Proposal or Contract No. _____
for _____

2. This sworn statement is submitted by _____
(Name of entity submitting sworn statement)

whose business address is _____
_____ and (if applicable) its Federal
Employer Identification Number (FEIN) is _____ (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)

3. My name is _____ and my relationship to
(Please print name of individual signing)

the entity named above is _____.

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 Proposal 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 Proposals or applies to Proposal 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"

The names of the principal officers of the Corporation submitting this Proposal, or of the Partnership, or of all persons interested in this Proposal as Principals are as follows:

Name	Title
_____	_____
_____	_____
_____	_____

If Corporation

IN WITNESS WHEREOF the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this _____ day of _____, 2010

(SEAL)

Name of Corporation

By: Calvin, Giordano & Associates, Inc. _____

Title: President _____

Attest: _____

Secretary

If Sole Proprietor or Partnership

IN WITNESS hereto the undersigned has set his/her/its hand this _____ day of _____, 2010.

Signature of Proposer _____

Title _____

ADDENDUM NO. 1


To All Proposers:

The following change is hereby made a part of RFP 004-10 - Key West Bight Design with Optional Project Management for Public Area Enhancement as fully and completely as if the same were fully set forth therein:

CLARIFICATION for number of copies to be submitted:

One (1) original, eight (8) hardcopies, and one (1) CD copy in PDF format of the proposals are to be submitted in two (2) sealed envelopes, one within the other, clearly marked on the outside "RFP 004-10 – Key West Bight Design & Project Management for Public Area Enhancement" and addressed to the City Clerk.

All Proposers shall acknowledge receipt and acceptance of this Addendum No. One by acknowledging Addendum in their proposal or by submitting the addendum with the bid package. Bids submitted without acknowledgement or without this Addendum may be considered non-responsive.



Signature

Calvin, Giordano & Assoc.

Name of Business