



*Parks and Recreation System Master Plan
RFP #554 - 11509*

CITY OF FORT LAUDERDALE

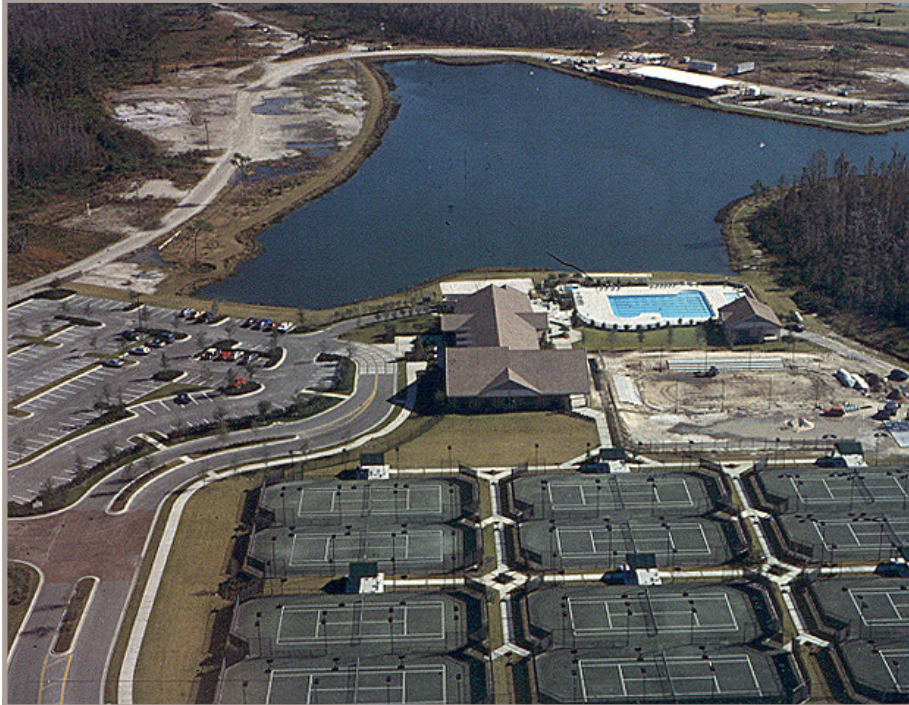
December 22, 2014

TYLININTERNATIONAL

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1. BID/PROPOSAL SIGNATURE PAGE


BID / PROPOSAL SIGNATURE PAGE

BID/PROPOSAL SIGNATURE PAGE

How to submit bids/proposals: Proposals must be submitted by hard copy only. It will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Services Division, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

Please Note: All fields below **must** be completed. If the field does not apply to you, please note N/A in that field.

Submitted by:  December 22, 2014
(signature) (date)
Name (printed) Joseph Yesbeck, PE Title: Vice President
Company: (Legal Registration) T. Y. Lin International

CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit <http://www.dos.state.fl.us/>).

Address: 1501 NW 49th Street Suite 203
City Fort Lauderdale State: FL Zip 33309
Telephone No. 954-491-5556 FAX No. N/A Email: joseph.yesbeck@tylin.com
Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 365
Payment Terms (section 1.04): as stated Total Bid Discount (section 1.05): N/A
Does your firm qualify for MBE or WBE status (section 1.09): MBE No WBE No

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No. N/A Date Issued N/A

P-CARDS: Will your firm accept the City's Credit Card (VISA / MasterCard) as payment for goods/services?

VISA YES NO MasterCard YES NO **Our firm is not set up to accept credit card payments**

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. **HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW? BIDDER MUST CLICK THE EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS.** If this section does not apply to your bid, simply mark N/A in the section below.

Variances:

revised 06/11/14



2. NON-COLLUSION STATEMENT/ LOCAL PREFERENCE CERTIFICATION

NON-COLLUSION STATEMENT/LOCAL PREFERENCE CERTIFICATION

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	
_____	_____
_____	_____

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.



3. COST PROPOSAL PAGE

COST PROPOSAL PAGE

On the following pages please find the City's Cost Proposal form and our firm's fee schedule with a breakdown of costs and staff hours as well as hourly rates for staff members assigned to this project.

PART VII - PROPOSAL PAGES – COST PROPOSAL

Proposer Name T.Y. Lin International

Proposer agrees to supply the products and services at the firm fixed price bid below in accordance with the terms, conditions and specifications contained in this RFP.

Failure to use the City's COST PROPOSAL Page and provide costs as requested in this RFP, may deem your proposal non-responsive.

TOTAL PROJECT COST: \$ 312,291.00 (attach a breakdown of costs and list staff hours, including hourly rates for each staff person dedicated to the project).



4. LETTER OF INTEREST

COVER LETTER

December 22, 2014

AnnDebra Diaz; Procurement Specialist
City of Fort Lauderdale
Procurement Services Division, Room 619, City Hall
100 North Andrews Avenue
Fort Lauderdale, Florida, 33301

**Re: RFP # 554-11509 – City of Fort Lauderdale
Parks and Recreation System Master Plan (PRSMF)**

Responsible Office:

1501 NW 49th Street Suite 203
Fort Lauderdale, FL 33309

Contact:

Mr. Joseph Yesbeck, PE
Office: (954) 491-5556
Mobile: (954) 240-6770
Joseph.yesbeck@tylin.com

Dear Ms. Diaz and Selection Committee Members:

T.Y. Lin International, Inc. (TYLI), in association with **Calle Verde, Borrelli + Partners, Ballard + King, ETC Institute**, and **Glavovic Studio** is pleased to present this proposal to for the development of the City of Fort Lauderdale Parks and Recreation System Master Plan (PRSMF). The TYLI Team is excited about this opportunity to contribute to the development and revitalization of your recreational facilities and has crafted our proposal to address the entire range of professional services required in the RFP document. TYLI has a long history of working with Fort Lauderdale and our clients in South Florida. A short list of such projects includes the Lake Ridge Neighborhood Association Mobility Plan, the Oakland Park Boulevard Transit Alternatives Analysis, and the upcoming Downtown Walkability CIP Design. TYLI's work on the PRSMF will be coordinated from our Fort Lauderdale office, located at 1501 NW 49th Street.

The methodology for completing a comprehensive parks and recreation master plan requires the services of multiple disciplines, including urban planners, landscape architects, environmental scientists, and engineers. Our methodology expands these services to include experts in parks and leisure services programming, arts and culture strategies, urban economics, demographic analysis, and public involvement. To facilitate the master planning effort, TYLI has added the combined expertise of five highly qualified consulting firms who provide unparalleled experience in the specific area of parks and recreation facilities design and implementation. TYLI brings to the team the following Team Leaders:

- Project Director **Joseph Yesbeck, PE** with TYLI. Mr. Yesbeck will direct the Master Planning effort from our office in Fort Lauderdale.
- Master Planning Team Leader, **David Gjertson, PLA** with TYLI, bringing 30 years experience in parks and recreation planning and design. Mr. Gjertson has provided design services to communities in Florida for over 20 years.
- Nationally recognized award-winning design experience in master planning from **Russell Moore, RLA, AICP** and the staff at Florida-based Calle Verde. Mr. Moore brings to the TYLI Team over 35 years experience in master planning for parks and recreation. Calle Verde also brings **Dan Winters** to the TYLI Team with over 40 years experience in parks and recreation planning from the public side.
- Nationally known **Ken Ballard** and the staff at Ballard + King, who will provide Level of service standards (LOS) and revenue generation strategies for parks and recreation facilities.
- **Jorge Borrelli, ASLA, LEED® AP BD+C** with Borrelli + Partners, who brings unrivaled experience in Americans with Disabilities Act (ADA) compliance for new park facilities and retrofitting for existing facilities from their office in Orlando.
- **Margi Nothard** with Glavovic Studio in Fort Lauderdale, who will coordinate arts in public spaces and programming strategies for children, teen, active adults and senior citizen activities programming.

- **Ron Vine** with ETC Institute, which is #1 in the country for most park system plan citizen surveys and will provide accurate citizen surveys and expert metrics for benchmarking your parks and recreation needs.

On behalf of the entire team, we thank you for the opportunity to submit this proposal for professional consulting services, and look forward to further discussing our qualifications and approach at a project interview.

Yours Sincerely,

Joseph Yesbeck, PE | T. Y. Lin International, Inc.
Vice President | Project Director



5. STATEMENT OF PROPOSED SERVICES

STATEMENT OF PROPOSED SERVICES

PROJECT OVERVIEW

The **T.Y. Lin International (TYLI) Project Team** has thoroughly reviewed Request for Proposals (RFP) #554-11509 and developed the following Project Overview and Project Approach. The **Parks and Recreation System Master Plan (PRSMP)** will be prepared from TYLI's local office in Fort Lauderdale. Our Project Manager will be available to the City to facilitate research and production necessary to complete the master plan.

Central to quality of life are the enjoyment of leisure activities and interaction with natural environments. Providing these elements for residents can sometimes be challenging for a highly urbanized city such as Fort Lauderdale. Active and passive recreation are presently served through a parks system that provides a variety of parks and recreation opportunities located throughout the City. Coupled with an increase in population and expanding development and redevelopment comes the need for additional recreation resources and comprehensive planning of infrastructure that will provide adequate levels of recreation services, make available green open space for leisure activities, and preserve ecologically sensitive wetlands and shorelines. The PRSMP will enhance economic development that is vital to the health of the City. Creating a master plan with a 10-year vision and clear guidelines is a massive undertaking that will require commitment from citizens and local government to carry the plan through. The central goal of the TYLI Team is provide a **comprehensive and implementable parks and recreation master plan** to the City of Fort Lauderdale supported by the citizens and stakeholders.



As Fort Lauderdale develops, expectations and demands for the expansion and protection of park lands and open spaces with accompanying park programming options, including phasing options, and financial and funding strategies will evolve and

expand. The PRSMP process will include thorough research and creative design so that all stakeholder's needs and desires are addressed and Fort Lauderdale will continue to find itself among the best communities in the country. The City understands the need to preserve its high quality of life, and parks and recreation services are integral part of establishing and sustaining high livability standards. To this end, parks and recreation master planning services can affect the City by its ability to:

- Support the singular image of Fort Lauderdale described in the Fast Forward Vision Plan as a unique place to live, work, and play with an exceptional quality of life
- Provide social benefits by connecting people within the community regardless of income, background, and ability
- Provide economic benefits by improving the quality of life in the community and helping to attract businesses and residents to urbanized areas
- Protect the environment by establishing greenways, natural areas, and open spaces managed by the City
- Provide benefits to individuals in the community by promoting physical fitness and self-improvement.

The process used to shape the Master Plan will include the following tasks:

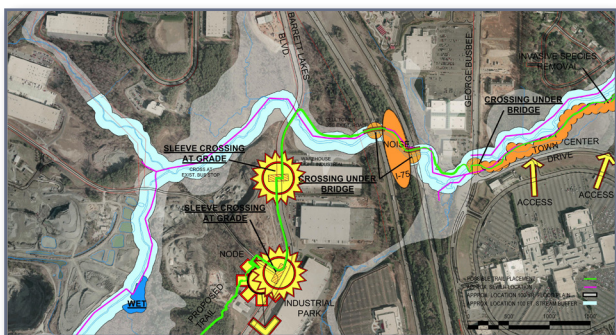
- Evaluating current services and operations of the Parks and Recreation Department
- Evaluating current services and future needs for parks, recreation services, recreation facilities and programs, open spaces, and trails based on accepted standards
- Creating equity access maps to visualize and determine gaps in services
- Developing recommendations for a wide range of parks and recreation policies, programs, and facilities that include enhancement of existing park lands, adding innovation to the park system through new programs and facilities providing the greatest benefit to the residents of Fort Lauderdale into the future
- Understanding the need to develop a plan for future parks and open space facilities that is affordable to construct and operate, compatible with national benchmarks, and is a partnership with new community developers

Directive to TYLI Team from the City of Fort Lauderdale Department of Parks and Recreation

Each item listed below (and taken directly from the RFP) is addressed in the Detailed Project Approach. We have also provided additional information that we believe will further enhance the production of the PRSMP. It is our intention to provide a comprehensive approach to completing the PRSMP that includes those items provided by the City of Fort Lauderdale and additional strategies and tasks based on our experience on similar planning efforts.

- Department Mission Vision and Objectives
- Community Inventory and Assessment
- Needs Assessment
- Level of Service Standards
- Parks and Recreation Strategic Plan
- Recreation Trends Analysis
- Recreation Programming Plan
- ADA Transition Plan
- Community Relations and Marketing Plan
- Community Health and Environmental Responsibility Plan
- Art in Public Places Plan

The PRSMP must be technically accurate, supported by stakeholders, and validated by the citizens of Fort Lauderdale. According to Active Living Research, “While fiscal impacts to local governments do not represent the same type of economic benefit as increases in property value, the cost savings or revenue to jurisdictions through open space and parks may benefit a community through long-term infrastructure cost savings.” Our Team believes parks and recreation planning and development improves quality of life, promotes economic development, and improves property values. It involves a wide range of programmed activities and events. A comprehensive parks and recreation master plan will add enormous benefits to Fort Lauderdale, including significant health benefits and preservation of the natural environment of the City. The TYLI Team is committed to providing the highest level of consultant services to Fort Lauderdale.



The challenge of creating the PRSMP will include the integration of past City of Fort Lauderdale master planning efforts. A single unified parks and recreation master plan will combine each existing study, integrate individual project goals and objectives requiring a thorough knowledge of City of Fort Lauderdale’s infrastructure. The TYLI Team will use our expertise to accomplish that goal and provide an innovative approach to connectivity between parks facilities and public venues. The PRSMP must be implementable and extend through a ten-year time frame. Therefore, accurate projections for parks and recreation needs and anticipated levels of service requirements for passive and active recreation elements are essential components of the master planning process. Fort Lauderdale has undergone massive changes since 2008, including weathering the worst recession in 70 years, associated declining revenues, and steady population growth. The parks and recreation system needs will evolve as the City evolves. Our approach is to provide an updated and fully implementable master plan that meets the goals and objectives of the City of Fort Lauderdale for the next ten years and specific funding recommendations and strategies that support mid-range (2021-2026), and long-range (2027-2032) parks development and recreation program development.

Fast Forward Vision Plan & Press Play Strategic Plan

In 2013, the City of Fort Lauderdale Commission unanimously approved the **Citywide Fast Forward Vision Plan and Press Play Strategic Plan**. The PRSMP will acknowledge the importance of Fast Forward Fort Lauderdale and Press Play Strategic Plan and these documents and others will give the TYLI Team clear direction in completing the PRSMP.

As stated in the “Fast Forward Fort Lauderdale – Our City, Our vision 2035”:

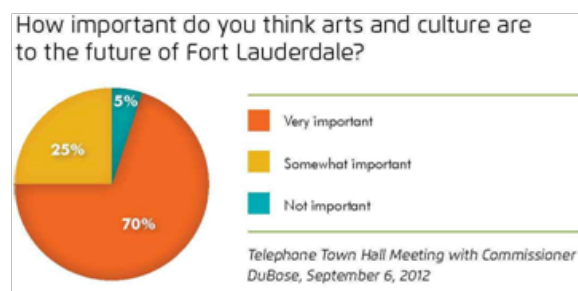
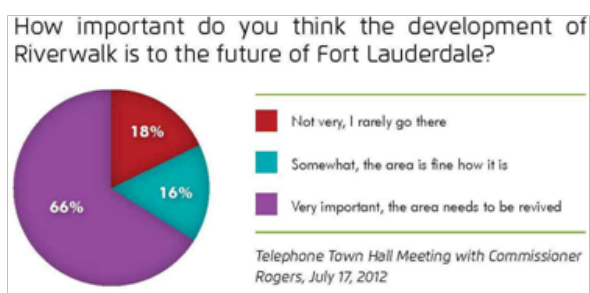
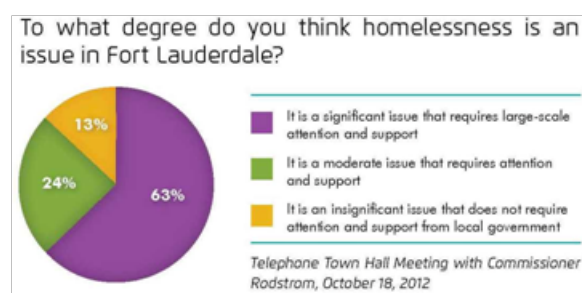
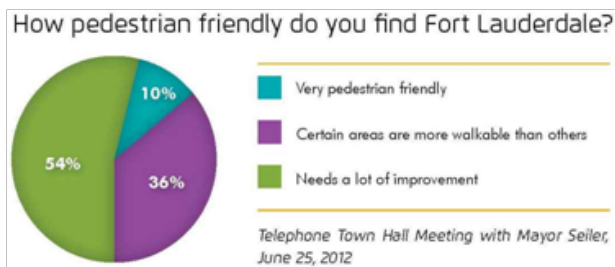
“Our Vision will become our City’s greatest strength by allowing us to peer into the future and lend shape to the unknown. Together, through the Vision, we have been able to plan for the future of our City with imagination and thoughtful wisdom. Today, we lay the foundation for what Fort Lauderdale will look like in 2035. What will our streets look like? How will our neighbors move around? Where will they live? Where will they work? How will they be educated? What will they do for recreation and amusement? These questions and many more are addressed throughout the Vision Plan.”

The TYLI Team will focus important aspects of the Fast Forward document and integrate those issues into the Parks and Recreation System Master Plan (PRSMP). Issues that received an unusually high response include:

- Improving Connectivity throughout the City
- Recognition of Homelessness as a Significant Problem
- Revitalization of the Fort Lauderdale Riverwalk
- Renewed Emphasis on Arts and Culture in the City

and leverages partnerships to create unique, inviting, and connected gathering places that highlight our beaches, waterways, urban areas, and parks.

Goal 4: Be a healthy community with fun and stimulating recreational activities for our neighbors.



Commission for Accreditation for Parks and Recreation Agencies (CAPRA)

The TYLI Team will include as part of the PRSMP strategies needed to maintain compliance. The Fort Lauderdale Park and Recreation Department’s CAPRA accreditation is valid until the next review in the fall of 2016, running in a five-year cycle. The TYLI Team will review the CAPRA workbook used to facilitate Fort Lauderdale’s preparation of the self-assessment report. That workbook is used in conjunction with the CAPRA National Accreditation Standards 2009 (Fourth Edition) and the CAPRA Accreditation Handbook. In short, the self-assessment report indicates how the City of Fort Lauderdale complies with each CAPRA standard including supporting evidence for compliance. The TYLI will outline parameters in the PRSMP for 2016 compliance and for the following five year cycle ending 2021.

Past Comprehensive Master Planning Efforts

The TYLI Team will thoroughly review the Citywide Parks and Recreation Long Range Strategic Plan adopted in 2008. The following sections will be reviewed for relevance for the City of Fort Lauderdale in 2015 and into the proposed master planning ten-year timeline:

- Section 3 – Inventory and Assessment
- Section 4 – Funding and Cost Recovery
- Section 5 – Needs Assessment

It is anticipated that Sections 3-5 will undergo significant modifications to fit with changing parks and recreation priorities, evolving technologies, demographic shifts, and limitations due to climate change and other environmental anomalies.

Sections 6 – Long Range Plan and Section 7 – Implementation Plan will be reviewed and the TYLI Team will provide a narrative summary that evaluates projects progress-to-date identified in the Citywide Parks and Recreation Long Range Strategic Plan. The evaluation will determine and describe progress on implementation highlighting completed actions, new developments and infrastructure upgrades. A spreadsheet will be provided that outlines completed projects and programs,

The Press Play Strategic Plan describes specific “Cylinder of Excellence” categories that are most relevant to the PRSMP. They include:

Infrastructure: Goal 1: Be a pedestrian friendly, multi-modal City.

Goal 2: Be a sustainable and resilient community.

Public Places: Goal 3: Be a community that finds opportunities

new development projects and programs and infrastructure improvements. A report will also be provided that identifies the status of each project and program described in the original master plan.

In addition, a narrative summary will be provided that describes projects identified in the Citywide Parks and Recreation Long Range Strategic Plan that are not yet complete currently underway, programmed but not yet started, or have been cancelled. The narrative will include an analysis of why these projects were not implemented, whether due to budget constraints or rearrangement of priorities or other impacts and conditions. We will endeavor to determine if they no longer meet the intent of the Citywide Parks and Recreation Long Range Strategic Plan. We will also identify actions or events that have occurred contrary to the original master plan recommendations. The TYLI Team will identify strategies to overcome obstacles that may have prevented particular projects or programs from being implemented and how this can be prevented in the future. In addition to a narrative description, a matrix will be prepared that identifies the status of each item in the original action plan.

The TYLI Team will also review the following documents for integration into the PRSMP:

- Central Beach Master Plan
- Davie Boulevard Corridor Master Plan
- Downtown Master Plan
- Downtown New River Master Plan
- Neighborhood Development Criteria Revisions (NDCR)
- North US1 Urban Design Plan
- Riverwalk District Plan
- Northwest Regional Activity Center Design Guidelines
- South Andrews Avenue Master Plan
- Transit-Oriented Development

Validate Department Mission, Goals, and Objectives

It is our intention to refine and validate Fort Lauderdale Parks and Recreation's goals and objectives as identified in previous and plans and through the PRSMP public involvement program. The TYLI Team has preliminarily identified the following goals and objectives:

1. Integrate the City of Fort Lauderdale's "We Build Community" — *The TYLI Team will integrate the City-wide vision and mission into the PRSMP through a comprehensive public involvement and outreach program that is inclusive of all active and passive recreation users, arts and culture enthusiasts and other Fort Lauderdale programs and initiatives deemed vital to a comprehensive master planning effort.*

2. Parks and Preserves System — *Determine appropriate park and preserve development standards and ascertain current deficiencies and future needs for park types.*

The TYLI Team will provide an in-depth analysis under Task 3 that is inclusive of development standards and determination of level of service (LOS) standards for parks and recreation facilities. The baseline for parks and recreation LOS can be National Parks and Recreation Association (NRPA) data. Our team uses this information in part but expands the LOS analysis to include municipalities that match Fort Lauderdale in economic, demographic and other critical categories. Our experience goes beyond the typical comparison models and is thereby more accurate and most importantly, more easily validated by the public, stakeholders, and local government officials.



A summary of issues related to natural and cultural resources will include preservation of natural scenery, invasive tree canopy, threats to environmentally sensitive areas, and identification of significant heat-islands. Evidence of environmental pollution and contaminated properties will be evaluated, because they further compromise public health and welfare and warrant mitigation. Deficiencies in active/passive recreation programs and recreational areas for Fort Lauderdale will be analyzed. And finally, the Team will evaluate regulations that protect historic resources. These may be a key factor for their loss or deterioration.

3. Active Recreation and Team Athletics — *Identify deficiencies of athletic needs to better determine what and where needs exist.*

Our team will provide accurate data on LOS standards for active recreation backed up by previous project data, analysis and Fort Lauderdale's critical needs. We will validate all the data factors and present them in a workable format that can be easily incorporated into the Implementation portion of the Master Plan document.

4. Recreation Facilities — *Identify appropriate recreation facility standards and ascertain current deficiencies and future needs for recreation facilities.*

TYLI Team member ETC Institute has an unparalleled database of more than 70,000 survey responses by citizens from parks and recreation open space plans, strategic plans, and other planning efforts from communities across the country. This information will provide Fort Lauderdale extremely valuable comparative analysis of citizens' attitudes and priorities with those of other communities.

5. Parks, Preserves, and Trails Connectivity Vision — Utilize national research, understanding of Fort Lauderdale's natural/cultural resources, and the public involvement process to create a truly visionary composition of parks, preserves and open space with connective trails and greenways that are unique to the community, and provide an adventuresome and memorable quality of life for the residents and visitors alike.

The TYLI Team has the foremost experts on **Complete Streets** and connectivity strategies. Our team is also expert on the design and implementation of trails, greenways, and blueways. It is vital to the health of the parks and recreation system that these be interconnected for vehicles, bicycles, and pedestrians alike. Fort Lauderdale provides a unique blend of urban and natural environments. The goal of the parks and recreation system should be to provide connections from urban centers to beaches and conservation areas that are safe, accessible, and easily maintained.



Tourism continues to be an important industry in the City, highlighting its importance to the regional economy. In many respects, Florida communities rely on tourism as the main contributor to their economic well-being. Parks and recreation facilities provide a vital component to the success of tourism in Fort Lauderdale. Tourism as a revenue generator can be a highly productive if one considers the natural assets of Fort Lauderdale particularly the beaches and river front areas. There is no doubt that tourism accounts for considerable revenues to the City.



6. Recreation Programs and Services — *Examine and evaluate the current recreation programs and services and identify opportunities and deficiencies for future recreation programs and services based on facilities.*

- Park and recreation facilities make communities desirable places to live, work, play, and visit, thereby contributing to the ongoing economic vitality. There are many attributes that contribute the success of recreation programs and services, including:
 - Programming provided through park and recreation agencies combats the national obesity epidemic through the development of healthy lifestyles, strong minds, and fit bodies
 - Park and recreation activities help to deter crime and help our youth develop into contributing members of our communities
 - Park and recreation experiences help older members of our community continue their life experiences
 - Parks, greenways, blueways and open spaces are critical components to protecting and preserving the natural environment

7. Administration/Management/Budget — *Analyze the existing operations and management systems and compare with benchmark communities to determine current effectiveness and opportunities for increased efficiencies and quality of service delivery.*

The TYLI Team will conduct an operational analysis to provide a comprehensive look at Fort Lauderdale's parks and recreation administrative, professional, and maintenance functions; to discuss revenues and expenditures by major area of operations; and to identify financial metrics such as gross and net cost per capita of providing recreation services, cost recovery, and cost per acre for park maintenance. As part of this analysis, we will

evaluate capital project and operational funding streams, looking at a five year history of revenues and expenditures. The results will be incorporated into a summary report provide information needed for Tasks 7 and 8. As part of this task, we will prepare an analysis of existing capital and operating funding sources, including impact fees and land dedication requirements, and discuss funding options and recommendations for the future development of the parks and recreation system.



8. Business Planning — *An analysis of the revenue generating activities determine recommendations for increased revenues and revenue sources.*

Using the Task 3 – Analysis as a base, TYLI will evaluate revenue generation and earned income in greater depth. This will include an analysis of business areas with the greatest potential for increase in revenue, as well as new fee-based activities and services that have market potential in Fort Lauderdale. As part of this task, TYLI will review the market area and competitive landscape for recreation services. The resulting analysis will identify revenue targets, and recommendations for increased revenue generation that meets the goals and objectives of the City of Fort Lauderdale for the next ten years and specific funding recommendations and strategies which support mid-range (2021-2026), and long-range (2027-2032) parks development and recreation program development.

9. Capital Development — *Identify important capital issues to be considered for incorporation into a long-range capital improvement program.*

The TYLI Team will develop a capital and operating cost model. This includes identifying the planning level cost of building and operating individual projects and/or potential packages of projects or the improvement to the entire system as a whole. The model will incorporate regionally based park improvement cost data (capital costs, rehabilitation/renovation costs, capital replacement costs, and operations costs) to assist in building the model. This

model will be designed to be flexible to changing conditions, and to serve as tool for County staff to use in subsequent years. It will be designed to allow the team to explore different funding and implementation scenarios.

10. Implementation Plan — *Develop a prioritized plan of action incorporating probable costs and potential funding sources and mechanisms.*

The success of the PRSMP ultimately will rest on the coordinated efforts of the City of Fort Lauderdale and stakeholders serving the community. Through the master planning process, Fort Lauderdale will initiate dialogue and establish pivotal relationships between key players that will have a significant role in implementation of the PRSMP. The City will utilize the synergies created by this master planning effort to strengthen its role in providing a higher standard of living for its citizens.

The City Commission’s support and management of the program’s activities will provide tools necessary to carry out the recommendations presented in the PRSMP. It is necessary to establish lines of communication between all sectors of the community to positively affect change. Strong public-private partnerships will be crucial to the long-term success of the redevelopment effort.

Financial and non-financial considerations are equally important to the effective implementation of the PRSMP. Non-financing considerations deal with defining the roles and responsibilities for various stakeholders involved in the implementation effort. Financing mechanisms are perhaps more easily defined, but not to be focused on until organizational elements are put into effect. Several factors need to be considered, including:

- Validation and Acceptance of the PRSMP
- Evaluation of the Existing System
- Funding and Financing Mechanisms
- Future Parks and Recreation Needs
- Site Assembly
- Standards and Controls
- Facility Design and Construction
- Incentives and Regulatory Constraints
- Capital Improvements Schedule



11. Funding Strategy — *Develop a strategy to fund the acquisition of land for future parks, preserves, trails, community centers, recreation facilities, athletic fields, and other park facilities with the ability to maintain and sustain level of services.*

Using the results of Tasks 2 – Inventory and Task 3 - Analysis, TYLI will develop a funding strategy for both capital development and ongoing operations.

TYLI Philosophy of Master Plan Development

The TYLI Team will work with City staff, the community, and the City Commission to craft a long-range PRSMP that is responsive to the present and future demands for adequate parks and recreation facilities. The long-range plan will utilize the new park standards as the basis for facilities and park needs projections. The projections will then be incorporated into the community by redeveloping existing parks, finding new sites, joint-use agreements with other jurisdictions, and creative multi-use solutions on existing sites.



Sustainability and LEED

The TYLI Team believes in design solutions that are restorative, regenerative, and productive. Today's sustainable design must go far beyond mere impact-neutrality. We believe in sustainable solutions that find a creative tension between environmental, economic, social, and aesthetic needs. We believe that beauty and livability are key aspects of lasting, sustainable projects. Decisions regarding sustainability at the preliminary design level are keys to achieving beauty and livability and are equally important to those made at the detailed design level. To that end, and supporting our design processes at all scales, our team employs LEED concepts in all of our design work from conceptual design through implementation. We continually explore techniques to combine aesthetics, infrastructure, and functionality

to achieve goals for sustainability; these include “longer lifecycle” projects, use of low-maintenance and locally derived/recycled materials, green roofs and walls, comfortable and shaded outdoor spaces and connections, and elements to improve water quality and reduce carbon emissions and energy costs. Finally, our team believes that sustainability is necessary on a regional level and cost effective to maintain over time.

Landscape Ecology and Resiliency

The TYLI Team has developed many transect-based master planning efforts over the past 20 years for form-based zoning. Generally illustrated as a linear gradient, the “transect” is often “lumpy”; interrupted by urban centers and commercial districts that defy the linear quality of the idiom. The landscape ecology design approach favored by our team emphasizes the interrelationship between urban landscape patterns and ecological and socioeconomic processes on different scales for parks and recreation use patterns. The approach integrates ecology with park planning and design. We feel that creating an ecological parks and open space matrix will strengthen Fort Lauderdale, urban centers and the City on as whole. To be applicable in master planning, such a system must be based on spatially explicit relationships between urban uses and ecosystem patterns. Ecological diversity ranges from white sandy beaches of the Atlantic Coast barrier islands through estuaries of tidal marshes, sea grass beds, oyster reefs and mangrove-fringed shorelines to oak hammocks, pine flatwoods, river ways and freshwater wetlands. Urban patterns range from high density urban centers through commercial node to high density and lastly, low-density residential. The concept of combining ecosystem networks and urban development patterns is suitable for linking ecological processes to ecosystem pattern features in metropolitan landscapes.

Fort Lauderdale offers extremes in ecological environments, from intensely developed urban centers to highly sensitive native wetlands and hammocks. Achieving the objectives of the parks and recreation master plan will require a balance between consideration of the broader patterns of ecology that provide context for each recreation site from active recreation facilities to limited access preservation areas featuring elevated boardwalks and low-impact public facilities. The greatest chance for success rests in the ability to find “win-win” scenarios in which both active and passive recreation needs are met and biodiversity benefits.

In addition to implementing a master plan strategy that is rooted in landscape ecology ideals, the approach to planning should seek to implement resilient parklands that are adaptive to intense and volatile conditions yet able to maintain their ecological diversity and integrity. The need for resilience is easily apparent

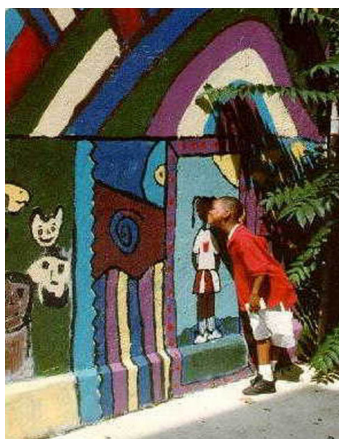
in designed urban landscapes, where land is engineered to facilitate drainage. In the case of parks and recreation facilities, a balance must be achieved to accommodate recreation uses and retain high quality native ecological systems. Landscape resiliency is a function of careful preservation of selected green space and replication of native plant communities on disturbed sites.

Arts and Culture/Art in Public Places

The TYLI Team is fully invested in the notion that arts and culture are an integral part of a parks and recreation master planning effort. Public Art and cultural activities impact us as individuals and collectively in unique and powerful ways. Public Art has the potential to create a transformational image of a city and culture if leveraged holistically. In a climate and landscape already rich in its uniqueness and imbued with distinguishing characteristics and treasures such as the Everglades and Waterway systems, art will align naturally with the City's identity and will form the underlying premise for functionally creative solutions defining the community's daily routine and quest to connect to nature and protect its resources.

Further, art celebrates beauty, culture, diversity, history, fosters tolerance, explores ideas, engages all ages and provides an economic benefit. Art experiences are multivalent, multipurpose, and able to exist in many forms and reinforce traditional place-making goals and non-traditional temporary events that may be determined by the larger goals of the PRSMP. Specific partnerships with existing arts programs, neighborhood initiatives, Public Art and Design task forces and the variety of arts organizations should be included in the research and development of the Public Art component of the PRSMP.

The provision of "art in public places" should not arise from the resigned acceptance of some aesthetic common denominator;



rather it should be the result of discussion, deliberation, and the desire to inspire. Public Art may manifest in the creation of a "thing," but at its core is the establishment of principles that enable and utilize the arts to create an improved environment, be it through workshops with local people or via the "grand statement." The TYLI Team has engaged experts on the facilitation of art in public spaces programs throughout the Southeast. An arts implementation plan will be provided as part of the PRSMP

ADA Retrofitting and Compliance

The TYLI Team will provide strategies for ADA retrofitting of existing park and recreation facilities. For parks maintenance and managers, there are two key steps to take to ensure that a facility is fully compliant. The first is to perform a facility analysis. Specific questions that should be asked include:

- Is the facility public or private?
- If it is a private entity, does it receive any public financial assistance — not just for the specific building project?
- Is the facility open to the general public or used by employees only?

In alteration projects, ask the following: Are "primary function" areas being altered? What is the cost of the planned alterations?

The second step is to knowing the resources. TYLI has in-house expertise for answering accessibility questions. We are fully knowledgeable about with State of Florida ADA regulations and federal ADA standards. Ultimately, Fort Lauderdale parks staff must be vigilant about the accessibility and safety of their facilities. The TYLI Team will provide a template of ADA requirements that can be used to ensure a facility is safe and user-friendly for people with disabilities, seniors, and parents pushing baby strollers, and even aging baby boomers—basically, everyone who visits a building each day.

TYLI Public Involvement Strategy

The TYLI Team will facilitate an effective Public Involvement Process as described and integrated into the Detailed Project Approach below. The Consultant will work with City staff to identify and define both external and internal stakeholders, community leaders, and other interested groups that may wish to participate in the public involvement program. Stakeholders will be grouped by their specific areas of interest and to determine which portions of the planning process will require their participation.

Community Participation and Outreach Plan Overview

Fort Lauderdale Web Page Facilitation

- Media Coordination and Outreach
- Focus Group Meetings and Interviews
- Public Workshops/ Charrette Meetings
- Final Public Presentation of Findings

Interviews

Interviews will be conducted as part of the Public Involvement Strategy. Collaboration with all relevant agencies, organizations or special interest groups is essential to the success of the PRSMP. Those parties will include:

- City Commission and Mayor
- Parks, Recreation and Beaches Advisory Board
- Downtown Development Board
- Community Redevelopment Agency (CRA)
- Selected City Departments
- Beach Redevelopment Board
- Central City Redevelopment Advisory Board
- Historic Preservation Board
- Northwest-Progresso-Flagler Heights Redevelopment Advisory Board
- Sustainability Advisory Board

Communications Plan

Online outreach, not just a webpage, is critical at the City-wide scale. An important component to the PRSMP is the Communications Plan. The Communications Plan will describe how and when public communications will occur, using traditional and online media. Several methods and processes will be required to fully engage the community especially, in light of the exposure brought on by the Internet. Web-based project outreach has become the norm in the master planning process. It becomes an interactive tool that citizens can tap into and provide input at any time during the development of the plan. The TYLI Team has in-house experience in the development of web sites by integrating into an existing web page or as separate and free standing.

The TYLI Team will provide the following:

1. **Social Media Campaign.** Develop posts and use Facebook, Twitter, and other established social media to engage people in the process.
2. **Online Questionnaires:** Visual Preferences, Project Priorities and Tradeoffs

Workshops and Focus Groups

As Charles Kettering, head of research for General Motors, once stated: “a problem well stated is a problem half solved.” We believe it is critical to base future planning decisions on a solid foundation of informed and rational community support. In fact, the members of the TYLI Team have been facilitating public involvement initiatives for many years that have helped formulate long-term public policy. At the basis of our success has been our emphasis on three factors: **process consistency, consultant credibility, and a personal interest in the community** and the individuals we serve. As successful problem solvers, we must first be successful at the difficult task of problem and issue definition. Community issues regarding leisure activities, recreation needs, preservation and conservation and a wide range of development issues requires sound local input at critical decision points in the planning process.

The TYLI Team will strategize a geographic series of workshops. They will be conducted as a rolling workshop over the course of a day or two that moves around to different locations in the City, or the same workshop conducted on several nights at geographically dispersed locations/different times.

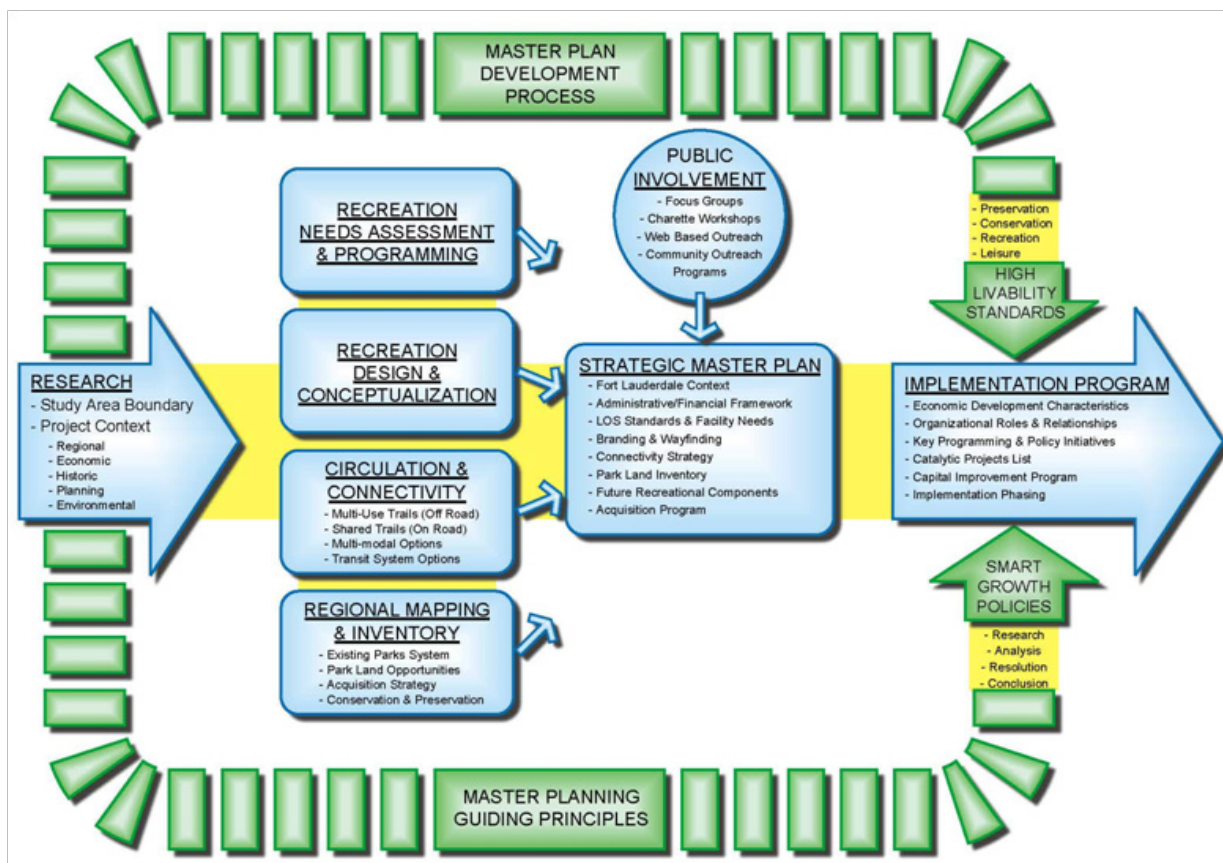
Public outreach meetings are conducted as “charrettes” and are best described as public workshops open to all interested parties who will provide their insight and ideas. However, specific or general, into the master planning and revitalization process. It is generally formatted as an intensive one or two-day session that focuses on the issues facing the community, either recreation program-based, design-oriented or with social relevance that arrives at collaborative solutions. Simply stated, the end product is a combination of ideas, strategies, and to guide the development of the PRSMP. It is only effective with the guidance of a qualified Public Involvement team.

Typically, inventory and analysis drawings, sketches, image photos and maps are prominently displayed to offer input from the general public in the form of “likes and dislikes” in matters of recreation activities and programs, spatial design, recreation “typing,” available Fort Lauderdale social programs, existing recreation, public facilities, parks and environmental preservation and other issues relevant to Fort Lauderdale. The charrette also allows the community to comment on the actions and priorities to implement the plan. These sessions educate and facilitate local interest (and excitement) in the process and its outcome.

Parks and recreation will be presented at a “macro” level for ease of comprehension and be demographically appropriate. Our team will establish that parks and recreation is a business and has a direct relationship to quality of life. Income generation, including

visitor income capture will be included and health considerations are also in the topics of discussion.

The illustration below outlines the TYLI Team’s approach to the master planning process:



DETAILED PROJECT APPROACH

The Request for Proposal documents provide a detailed approach outline that the TYLI Team will use as a guideline for producing the PRSMP. We have identified key issues pertaining to each task as a clarification and enhancement to the existing Fort Lauderdale LRSP. The final PRSMP will be accomplished in 12 months.

TASK 1 – PROJECT ORGANIZATION

1.1 Finalize Scope of Work

TYLI is located in Fort Lauderdale and will be available at a moment’s notice. We are organized around an extended team with experience on every aspect of parks and recreation planning and development. The first step in the master planning process will be a review and declaration of City of Fort Lauderdale Department of Parks and Recreation’s **Mission Vision and**

Objectives. TYLI will provide Work Program and Project Schedule that identifies key stakeholders, interested parties and public involvement groups required for input on the Master Plan. We will also adhere to a comprehensive schedule reviewed and accepted by City staff. We anticipate that the PRSMP can be accomplished in 12 months.

The TYLI Team has added Focus Group interviews to the Public Involvement process. They will be provided early on in the process as illustrated on our schedule. We will provide; thematic focus groups (potential topics: greenways, blueways and trails, environmental stewardship, sports and recreation, tourism and economic development, etc.), focus group for parks and recreation agency staff, and one specifically for staff in each agency for a maximum total of four.

TASK 1 - PRODUCTS:

Summary memorandum of Final Work Program and Scope of Services, to include:

- Finalized contract including graphic chart of project schedule/timeline
- Stakeholder list and contacts (provided by City of Fort Lauderdale)
- Public involvement process that includes for the following:
 - Detailed description of Public Input Strategy
 - Minimum of four neighborhood with meeting times, locations, and agendas
 - Prepare and make presentations before the Parks, Recreation and Beaches Advisory Board and City Commission as necessary
 - Minimum of two (2) Focus Group meetings from a recommended list of participants provided by the City
- Consultant/client responsibilities communication

TASK 2 – INVENTORY

2.1 Overview

Critical issues of the Inventory task include availability of resources necessary for research. It is critical that our Team accomplish the Inventory task in an efficient fashion. Data compilation and storage will be centered in the TYLI office located in Fort Lauderdale and will be readily available to City staff. The TYLI Team will use the resources provided by City staff and expend our research to include other resources necessary to define the PRSMP.

2.2 Develop Inventory Database/Base Mapping Documentation

The TYLI Team will research and compile a City-wide comprehensive database of parks and recreation facilities. There are many database and base mapping sources of data already in available to our Team including; departments within the City of Lauderdale, private providers of outdoor recreation facilities and programs, regional government agencies and State of Florida agencies and departments. While defining a sound inventory is a critical step in the planning effort, an inventory effort at the City-wide scale could exhaust the project budget and timeline without achieving other important project objectives. Our approach to this task has been refined with years of experience utilizing GIS-based parks and recreation data at a regional scale and other methodologies. We will use our experience to efficiently provide a detailed parks, recreation and open space database necessary for a visionary and implementable master plan.

Existing parks and recreation facilities will be identified at every level from regional parks to neighborhood pocket parks. It is vital

to create an accurate database of existing facilities and available properties for acquisition. The complexity of the City pattern is a factor in accurately identifying vacant and underutilized parcels that could potentially be developed into parks and recreation facilities. The TYLI Team will review all necessary documents, utilize City of Fort Lauderdale's GIS database and ArcView data to create base mapping suitable for the PRSMP. We will organize the mapping as a grid system for ease of organization. Map resolution will be evaluated and other sources of mapping will be identified if necessary. The TYLI Team will provide an Infrastructure Analysis for the proposed project area.

The TYLI Team will also conduct site visits to catalogue and map physical attributes including, but not limited to; land use mapping, connecting transportation corridors, roadway conditions, utility corridors, vegetative massing, drainage characteristics, environmental characteristics, bridges/culverts, pedestrian/bicycle linkages, historical features, archaeological factors and large-scale above-ground utility systems. Base mapping includes location of public facilities and cultural impacts, places of worship, schools, theater and other entertainment facilities, residential factors, noise, safety considerations and potential hazards.

2.3 Review of Long-Range Planning Documents

The City of Fort Lauderdale has embarked on several "policy initiatives" during the past several years. These plans and studies provide a clearer insight into goals and objectives for a variety of public improvement projects within the City. The TYLI Team will evaluate these initiatives to establish a basis for an implementable PRSMP. The Citywide Parks and Recreation Long Range Strategic Plan, Parks and Recreation Element of the Fort Lauderdale Comprehensive Plan will be reviewed and considered in the master planning process.

In preparation of the PRSMP, other relevant city, county, state, and regional plans and policies will be reviewed and considered. These plans include, but are not limited to:

- Parks and Recreation Department Administrative Policies and Procedures
- Parks and Recreation Department Long Range Strategic Plan, adopted in 2008
- Parks and Recreation Department Recreation Programming Plan
- Parks and Recreation Department ADA Facilities Assessment
- Fort Lauderdale Comprehensive Plan
- Fort Lauderdale Comprehensive Plan Parks and Recreation Element
- Fort Lauderdale Budget and Community Investment Plan

- Press Play Fort Lauderdale Strategic Plan, 2018
- Fast Forward Fort Lauderdale Vision Plan, 2035
- Fort Lauderdale Sustainability Action Plan
- Downtown Master Plan, Riverwalk District Plan, Central Beach Master Plan and all other development and master planning documents
- Broward County Cultural Division Creative Broward 2020 Plan
- Broward MPO Long Range Comprehensive Plan
- Florida Statewide Comprehensive Outdoor Recreation Plan (SCORP)
- Southeast Florida Regional Partnership Seven50 Plan
- Southeast Florida Regional Climate Action Plan, 2012
- CAPRA 2014 National Accreditation Standards

Connectivity is a vital issue for the success of the PRSMP. Roads, trails, and pedestrian facilities will be identified and base maps created that will become the basis for interconnecting parks and recreation facilities with the existing road system, shared roadway systems, paved multi-use trails, low impact greenways and blueways. Bicycle, pedestrian and multi-use trail maps will be researched thoroughly examined and integrated into the master planning process. Sources like “Mapmyride” provide valuable information regarding the development of an integrated multi-use trails plan.

2.4 Inventory Special/Major/Annual Existing Programs, Events and Opportunities

Parks and recreation programming is often overlooked but is critical to the master planning process. The TYLI Team will provide a comprehensive database of park and recreation programs and events at the city-wide level. Location and mapping of public facility and cultural impacts including area places of worship, schools, theaters and other entertainment facilities will be identified. Residential factors, noise, safety considerations and potential hazards will also be included in our research.

The TYLI Team includes an arts and culture specialist to research and evaluate existing arts and culture opportunities and programs. Quality of life issues are a driving force in any community and an element that is always included when industry is considering relocation to an area. Tourism draws in a large transient population and the arts are emerging as a potent force in the economic life of Fort Lauderdale. Arts and culture as a recreational element assume an important role as a direct and indirect contributor to the City’s economy. Thriving cultural life generates income, jobs and tax revenue as it creates visibility for the City and provides potential assets to market to residents and visitors alike. The arts and cultural life of the City are determining

factors used when companies decide to relocate, with “community quality of life” coming in second in importance, just below salary requirements. Investment in the arts may be among the most innovative workforce and redevelopment tool at the disposal of state and local governments. The PRSMP will address arts and culture and inventory existing arts and culture programs and facilities, youth programs, family entertainment centers, existing leisure programs and educational facilities and programs.



2.5 Public Involvement - Workshop Series #1

(Refer to TYLI Public Involvement Strategy above)

2.6 Citizen Survey

The survey component of the Master Plan will be conducted by our team member ETC Institute. They will provide the following services:

Step A: Project Kick-off and Preparing the Survey Instrument

Design Survey Instrument: The TYLI Team will work in partnership with the Fort Lauderdale staff to develop the survey instrument. It is anticipated that three to four drafts of the survey will be prepared before the survey is approved by Fort Lauderdale for testing. The survey will be up to seven pages in length (allowing for 24-32 questions, many with multiple components) and will take 10-12 minutes to administer by phone.

Design Sampling Plan: The TYLI Team will prepare a sampling plan that will ensure the completion of at least 800 surveys of resident households in Fort Lauderdale. The overall results for 800 completed surveys will have a precision of at least +/-3.5% at the 95% level of confidence. We can also prepare a slightly larger sampling plan that will ensure the completion of at least 900 surveys of resident households in Fort Lauderdale. The overall results for 900 completed surveys will have a precision of at least +/-3.3% at the 95% level of confidence.

Survey Methodology: The TYLI Team will administer the mail, phone, and web all with in-house staff. We recommend

administering the survey by a combination of mail/phone/ and web.

Conduct Pilot Test: Once the draft survey is developed TYLI Team will test the survey with at least 20 residents before the survey is administered. Any problems or issues that are identified will be reported to the City and corrective action will be recommended and taken as appropriate.



Step B: Administering the Survey Instrument and Analysis

Mailing of Surveys: The TYLI Team will design the sample so that a mail survey is first sent out by first-class mail to a random sampling of over 6,000 residents in Fort Lauderdale, and the survey will include a metered return envelope. The mail survey will also contain a message in the cover letter to non-English speaking households (e.g., Spanish) that will provide a 1-800 phone number to call to have the survey administered over the phone in that language, as well as the web address to those who prefer to complete the survey online.

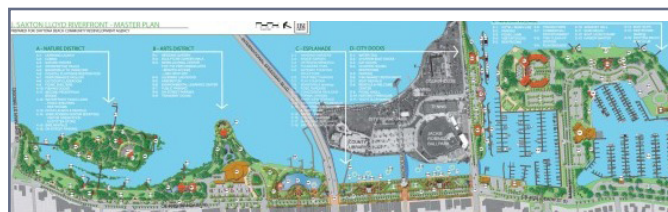
Web Survey: TYLI Team will develop a web version of the survey for those who want to take the survey online.

Electronic Message to Those Receiving the Survey: Two days prior to receiving the mailed survey, each resident household receiving a survey will receive an electronic voice message, informing them about the survey and encouraging them to complete the survey.

Initiate phone calling: Approximately 10 days after the surveys are mailed out, extensive phone follow-up will be conducted, either to encourage completion of the mailed survey or to administer the survey by phone. This approach will allow us to target specific demographic groups that may not have responded to the mailed survey to ensure that the demographic distribution of the sample closely compares to the actual composition of the community, by factors such as age, race, ethnicity, income, etc. It also will allow us to check and compare survey responses for

both mail and phone to additionally check on the accuracy of the survey. The TYLI Team will additionally use “weighting” as a statistical process in the analysis for further refinement of census comparisons.

Ensuring Representation for Non-English Speaking Populations: The TYLI Team has administered surveys in many communities across the US where a high percentage of the population does not speak English as a first language. As a result, we are sensitive to the importance of ensuring that non-English populations are properly represented in the survey. We have an ongoing quality control and quality assurance program in all surveys. The program is designed to give clients “error-free” results, and all employees are directly involved in the program. Dr. Elaine Tatham and Ron Vine, Project Manager, directly manage the Quality Control program.



Analyze Data: Following the completion of the survey, we will perform data entry, editing, and verification of the survey responses for each survey. In addition to performing cross-tabulations, the analysis tools that will be performed on the resident survey data are listed below.

Benchmarking Analysis (Normative Comparisons): Our Team maintains national and regional benchmarking data from citizen surveys for more than 400 park systems across the country. Comparisons will be made for the survey with other national providers and similar size communities.

Importance-Unmet Needs Priorities Analysis: The Importance-Unmet Needs (I-U) Analysis is a tool that allows public officials to use survey data as a decision-making resource. The Importance-Unmet Needs analysis is based on the concept that public agencies will maximize overall satisfaction by emphasizing improvements in those service categories where the level of satisfaction is relatively low and the perceived unmet needs for the service is relatively high.

GIS Mapping. The TYLI Team will prepare maps that show the results of specific questions on the survey.

Step C: Final Report and Presentation

Development of Final Report: The TYLI Team will provide a final

report. At a minimum, the final report will include the following:

- An executive summary that includes a description of the survey methodology;
- Descriptive statistics for each survey question, including key demographic characteristics ;
- GIS maps and shape files that show key results on maps of Fort Lauderdale;
- Results of the analysis tools including the I-U Analysis and Benchmarking Analysis;
- Copy of the survey instrument;
- Copy of the database in SPSS or Microsoft Excel

Survey Presentation: We will prepare and deliver a presentation of findings of the survey results.

2.7 Focus Group - Set 1 (Refer to TYLI Public Involvement Strategy above)

- Staff level analysis workshops
- Stakeholder group workshops
- Parks Board workshops

TASK 2 - PRODUCTS

Summary Inventory Memorandum

- GIS data base for geo-spatial data
- Text data base for all other inventory elements



TASK 3 – ANALYSIS

3.1 Financial and Funding Analysis

The TYLI Team will provide a financial analysis including revenue and operating expenditures for the City of Fort Lauderdale parks and recreation system. According to “Financing the Future—The Critical Role of Parks in Urban and Metropolitan Infrastructure”

by William Fulton, “In recent years, however, urban parks and recreation programs have faced a funding crisis. With the financial resources available to local governments in decline, there has been significant competition among different public services for tax funds.” Our analysis will include critical information on how parks and recreation system can be viewed as revenue generators. We will evaluate past and future expenditures and make recommendations to the City on how to present these findings in a non-biased fashion in support of an enhanced parks and recreation system. A comprehensive parks and recreation system includes both programs and facilities. We will also examine the benefit of shared facilities with school systems and private recreation facilities.

Understanding the financial baseline of a parks agency is critical to planning for the future. Our team’s approach to financial analysis includes developing a baseline analysis of costs and revenues, looking at a five-year history of the operational and programming costs of parks and recreation services as well as the capital costs. We also look at the revenue side; analyzing tax revenues, revenues from grants and other sources, and earned revenue. We evaluate metrics (gross and net cost per capita, cost recovery rates by line of business, etc.). We use the baseline analysis to:

- Identify areas of operational improvement (e.g., business practice changes, operational improvements, new revenue sources)
- Define order of magnitude costs for potential enhancements
- Develop realistic options for capital improvements and renovations. These are presented in scenarios, identifying funding options for both capital and operations and the associated trade-offs/level of difficulty of implementation

Based on the scenarios evaluation, our team will then develop a funding plan, financial and business strategies and recommendations, and a capital and operations cost model that City staff can use as an implementation tool in the coming years.

We will analyze the extent to which the City of Fort Lauderdale has the ability to recover a significant portion of program costs through the vendor’s fee structure and deferring, or avoiding completely, investing in program specific equipment. Our team will review contracting maintenance functions that could allow the City to avoid the initial purchase or lease of vehicles, mowers, tractors and the need to stock supplies and replacement parts. In terms of cost control, the contracting model allows periodic renegotiation of contract terms and costs through the procurement process. The trade-off is the possibility that a multi-year contract may not

offer the flexibility to adapt to changing program demands or maintenance needs quickly. The cost of contracted labor and services is typically less than the cost of direct employment by the city because the overhead costs—insurance, taxes, benefits, etc.—are spread over a wider base of clients when private firms are hired.

Also, through forging strategic partnerships with various governmental agencies, area institutions (schools), private sector, and adjoining municipalities including Broward County, the City will provide better access to recreational facilities and programs for area residents, while at the same time create a cumulative impact in the area. Our team will provide an analysis of the roles and responsibilities of various stakeholders and entities that can help the City in minimizing the costs associated with providing needed facilities for its citizens and maximizing available resources.

3.2 Benchmarking Analysis

City of Fort Lauderdale parks and recreation “branding” is a critical element of the PRSMP. According to the American Marketing Association, “brand” is “name, term, design, symbol, or any other feature that identifies one seller’s product distinct from those of other sellers.” Although intangible, a brand communicates quality, personal values and can be a mirror on the history of a community. The TYLI Team understands that the quality of a parks and recreation system with responsive programs and world class facilities has a direct effect on economic development. It is inextricably linked to the brand of the City. It can enhance business through recruitment and retention of their work force, expand retail sales of sports-related products and improve land values. The TYLI Team will identify how parks and recreation is an economic engine by increasing real estate values, property tax revenues and enhance tourism. We will provide strategies to brand, market and reposition parks and recreation around economic development. This will be accomplished in part by gaining support for the master plan from commissioners and other local political figures and actively engaging the public.

We will provide strategies and a work plan for repositioning parks and recreation with clearly defined goals and objectives with guiding principles rooted in **Smart Growth**. We will provide an implementation program that is workable with clear concise outcomes. The PRSMP must be understood, appreciated, valued and protected to ensure success with a focus on ends, not means.

Underlying the parks and recreation system brand, is the history of the City of Fort Lauderdale shaped by Native Americans, early immigrants and culture and events of the past one hundred years.

The story of the City is not easily reflected by the current fabric of the community. It lays buried or sometimes, in the open but not easily recognized either through neglect or beyond recent memory. The TYLI

Team will seek to “unfold the story” of Fort Lauderdale to develop a unique and recognizable brand that enhances the importance of diverse neighborhoods and draw both visitors



and new residents. The National Park Service defines a “heritage area” as “an area where natural, cultural, and historic resources combine to form a distinctive landscape arising from patterns of human activity shaped by geography.” The challenge is how to recognize the heritage of Fort Lauderdale and implement a design “theme” and key components that form a recognizable theme or “brand” through iconic architecture, signs and graphics and landscape themes. The heritage of the City may be easily identified by key historical facts at particular parkland locations. It can also be interpreted through graphic displays along a City-wide trail, greenway and blueways system. The definition of the Fort Lauderdale brand must:

- Be consistent with existing Fort Lauderdale icons and features
- Provide a holistic and implementable framework for telling stories
- Ensure that entities within sites throughout the City know how they fit within the framework of storytelling and the visitor experience
- Keep the implementation accurate, updated and fun for a wide audience

Typically the heritage of an area is lost or evolves over time to become unrecognizable. To define a brand, it is often important to rediscover the history of a community. The purpose of this brand definition is to preserve local resources, enhance awareness of Fort Lauderdale history and ultimately help stimulate the local economy. Parks and recreation facilities provide an excellent repository for branding the City with a consistent and attractive theme.

3.3 Land Use Policy Assessment

Before presenting design concepts and alternatives to the community, it will be necessary to consolidate the information

contained in City documents (Comprehensive Plan, Land Development Code) previous parks and recreation plans, neighborhood and redevelopment plans and programs into a workable, agreed upon, guiding document. Therefore, the inventory will focus heavily on the review and assimilation of the information contained in previous documents. The previous plans will be summarized in a matrix that outlines the recommendations presented in each adopted plan and its current status. Key elements from these plans and programs will be summarized in the Master Plan as conceptual plans and/or completed initiatives.

Comprehensive plan compatibility is a necessity. The PRSMP will need to be compatible with the Fort Lauderdale Comprehensive Plan and land development regulations. The LDRs currently require lands to be dedicated to the City for parks. We will investigate plans to definitively describe how the lands are to be used or developed and acquired. And most importantly, our team will work to satisfy the regional requirements of the park system plan. We will investigate how the costs of a community park land are allocated and construction and maintenance are paid for and SHARED by the new developments.

3.4 Demographic Analysis

The TYLI Team will provide a demographic analysis that outlines the statistical characteristics of the population of Fort Lauderdale and the region. This data is primarily provided by the U.S. Census Bureau from the 2010 Census. However, other sources of data are also available and can augment the PRSMP and they include; government agency data, realtors, appraisers, financial institutions, non-profit agencies, and retailers. Government entities, for example, use demographics to analyze trends in population and housing data in order to plan for city services and programs to benefit residents and businesses alike. Analyzing demographic trends for parks and recreation facilities and programs will assist in determining if the market is under or over served relating to such issues as the availability of active recreation, trails/greenways and passive park areas.

A complete demographic analysis involves the quantifying of data, analyzing trends of that data, identifying particular needs, and then making projections. Therefore, the demographics found within the PRSMP will provide the base data necessary for the City to quantify and analyze trends in population, housing stock, age, race, occupations, income, and more. This information can then be used to pinpoint the needs of certain populations and make projections and decisions based on those recreation and leisure needs.

3.5 Focus Group – Set 2 (Refer to TYLI Public Involvement Strategy above)

- Special interest groups workshops
- Neighborhood association group workshops
- Sports Leagues workshops
- Arts and culture, and history groups
- Environmental groups

3.6 Parks and Recreation Systems Connectivity Analysis

The TYLI Team will review all existing transportation systems including shared roadways, multi-use trails, riverine boardwalks, greenways, blueways and urban streetscape system for connectivity. The goal of the connectivity plan is to provide access through a seamless trail system to large and small recreation facilities throughout the City. Connectivity across the roadway corridors with safe “pedestrian sleeves” and connection through major roadways will be reviewed. The TYLI Team will provide innovative approaches to connectivity by utilizing Complete Streets strategies. We are experts on the application of concepts and philosophies of Complete Streets and “Green Streets” and will focus on creative and comprehensive solutions that will meet the needs all recreation users.

Based on our research, there may be some opportunities to expand or improve connectivity. Additionally, the Project Team will:

- Assess the need for special public transit services for job access, recreation facilities access based on the analysis
- Inventory the existing and planned public and private transit services in the vicinity of the major parks, conservation and preservation areas

The interconnectedness of the Green Streets system is essential to the success of an integrated parks and recreation master plan. A “wayfinding” system will also be reviewed that will identify gateways to newly developed recreation areas and facilities and identify critical transit links from the municipalities. These elements, when used in combination with effective signage, weave a fabric that is uniform in color, texture, and form becoming the basis for a logical and identifiable wayfinding program.

TASK 3- PRODUCTS

Summary memorandum

- Public involvement recommendations
- Analysis of Existing Conditions
- GIS mapping
 - Text summaries
 - Staff review meetings and recommendations for next steps

TASK 4 – LEVEL OF SERVICE STANDARDS (LOS) & NEEDS ASSESSMENT /PARKLAND CLASSIFICATION MATRIX

4.1 Level of Service Standards/Needs Assessment

A Level of Service (LOS) has been typically defined in the parks and recreation system master plans as the capacity of various components and facilities that make up the system to meet the needs of the public. This often expressed in terms of the size or quantity of a given facility per unit of population. In order to help standardize parks and recreation planning, universities, agencies and parks and recreation professionals have long been looking for way to benchmark and provide “national standards” for how much acreage, how many ball fields, pools, playgrounds and other facilities are required. The National Recreation and Parks Association (NRPA) have long sought to provide guidelines for standardizing recreation facility requirements. Several research documents have been published dating back to early in the twentieth century culminating with “Recreation, Park and Open space Standards and Guidelines” by Roger Lancaster in 1983. Since that time, various publications have updated and expanded upon possible “standards”, several of which have been published by NRPA.

In order to provide an accurate evaluation of levels of service standards for parks and recreation facilities and programs, a new

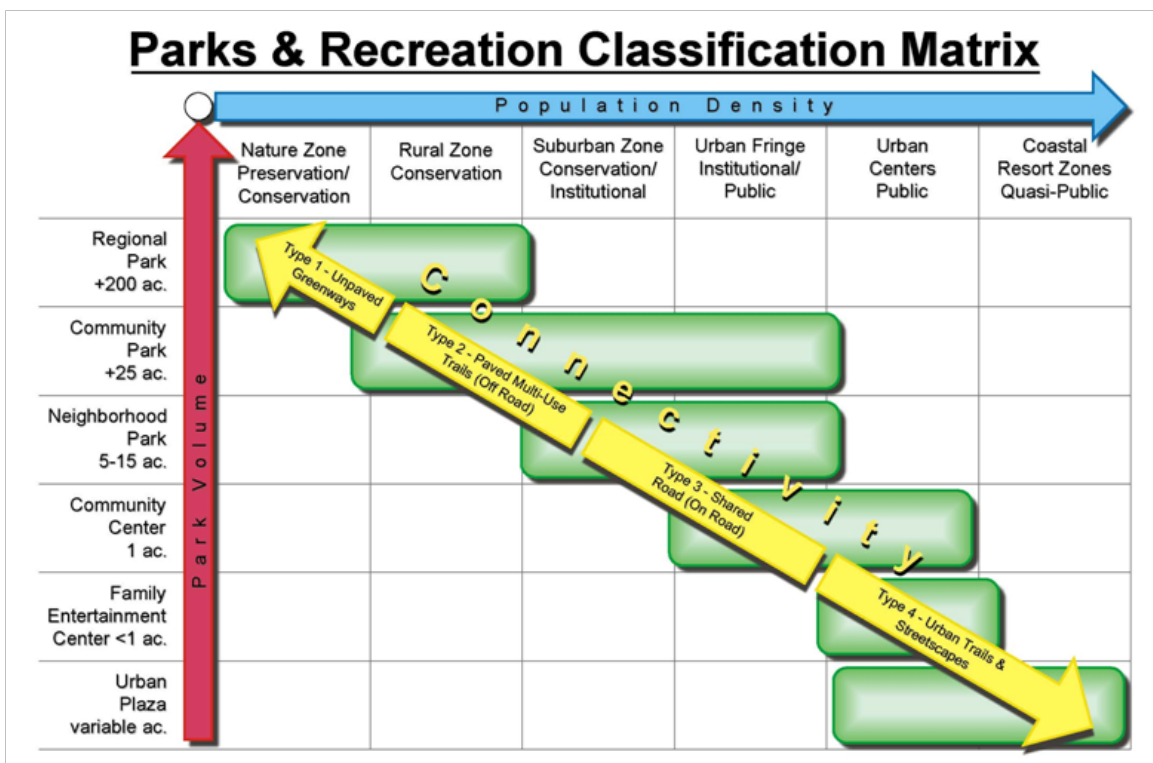
methodology for determining Level of Service was developed called a Composite Values Methodology. It is used by many consulting firms under various monikers but is essentially the identical accepted model for LOS evaluation. The TYLI Team has applied this methodology in many communities in the Southeast. It provides a better method of measuring and portraying the service provided by parks and recreation systems.

Other factors are necessary to determine an accurate level of service, including:

- Quality of the facilities
- Condition of the facilities
- Location factors and ease of access
- Comfort especially the amenities associated with the facility
- Sports Facilities Re-assessment of the impact fee

The following graphic illustrates how level of service standard parkland typology, population density transect and connectivity are related.

For the purposes of this Master Plan, it is necessary to recognize that national standards can be valuable when referenced as “norms” for capacity but not necessarily the sole target for which a community should strive. Fort Lauderdale is unique in many



aspects and in an effort to have the national standards respond to the needs of each, other documentation is required including development of sports opportunities related to tourism, large-scale events planning and locational and demographic “evenness” of the proposed facilities.

An important element in parks and recreation programming and development is connectivity of the system. Roadways, trails, streetscape, and blueways must be organized and interconnected in logical and organized patterns with exceptional wayfinding and signage. Disconnects in the system will be identified, and improvements planned to complete all the linkages. Our Team is actively involved in the **Complete Streets** program that describes and promotes pedestrian and bicycle connectivity through existing vehicular systems and through an organized system of off-road and on-road trails and greenways.

Locational factors must be analyzed to determine where particular recreation facilities should be placed, financial considerations must be analyzed to determine the costs of construction, operations and maintenance and regulatory requirements analyzed to provide legal standing for implementation. Creative revenue generators and funding analysis is an absolute in creating a fully implementable master plan.



4.2 Park System Classification

The standards development process will involve the discussion and analysis of the fiscal ramifications of the park standards alternatives. The park standards will become the basis for the development of the long-range master plan and resulting capital improvements program.

The first step in this process will be to develop an overall hierarchy of park classification which will encompass all park service areas envisioned by the department, namely:

Regional/metropolitan parks, city parks, community parks,

neighborhood parks, local and pocket parks, greenways, bikeways and trails, parkways, streetscapes, open space, and preservation lands

- LOS Standards will be set as follows:
- Acres/1,000 population
- Standard set of recreation facilities included in each.
- Average park sizes
- Service areas
- Demographic variances
- Ancillary facilities

Park Facilities Classification

The second step in this process shall be to develop a system of park facilities standards. These standards will be based upon national standards and fine tuned for the local conditions.

Baseball fields	Playgrounds	Swimming Pools
Softball fields	Boat Ramps	Horseshoe Courts
Soccer fields	Fishing Piers	Restrooms
Rugby fields	Beaches	Community Centers
Football fields	Picnic Areas	Recreation Centers
Tennis Courts	Handball/Racquet	Basketball Courts
Ball Courts	Other as desired	

Level of Service Standards will be set

- Acres / 1,000 populations
- Facility Design Standards
- Complimentary Facilities
- Service areas
- Demographic variances

Ice Arenas	Libraries	Cultural History
Sports Arenas	Nature Centers	Museums
Golf Courses	Botanical Gardens	Civic Centers
Art Museums	Zoological Gardens	Stream Corridor
Nature Centers	Arboretums	Greenways
Gateway Treatment	Streetscape	Urban Plazas
Parkways	Esplanades	Nature Centers

Special Facilities Classification

This division will deal with the development of the need and classification of special-use parks and recreation facilities. Such facilities may include:

Standards will be set

- Size
- Location Criteria
- Activities Provided
- Facilities Provided

Acquisition of preservation and conservation areas by the City is included in Task 6 – Plan Development. Our team understands that Fort Lauderdale has made it a priority to preserve environmentally sensitive lands and important historical resources. Vacant and underutilized properties will be identified and mapped. Our connectivity analysis will provide a framework of trails and greenways, multi-use trails, on-road bike lanes and urban streetscapes to provide access to the newly acquired properties and parks facilities.

4.3 Public Involvement - Workshop Series #2 (Refer to TYLI Public Involvement Strategy above)

Citizen survey

Public workshop

- Citywide workshops
- Inventory and analysis presentations
- Citizen workgroup formation and action items determination

TASK 5 - PRODUCTS

Summary memorandum with proposed standards
Public involvement recommendations

TASK 5 – STRATEGIC PLAN FOR IMPLEMENTATION

The TYLI Team will work with City staff and the Community to craft a series of implementation strategies to bring the PRSMP into reality. We will provide a user-friendly implementation program that is easily understood and manageable by staff and easily validated by City officials. Our team will investigate exciting options for implementing income producing recreational venue including; regional outdoor recreation centers and clinics, riparian and river walk development, biking/hiking and athletic clinics. We will investigate kayaking centers where groups come and stay and pay and enjoy quality hospitality. Implementation of world class nature centers and school research centers will be reviewed. Other programs and facilities included in the implementation component may include; expanded beach activities, zoological gardens, water parks and ECO-Heritage Visitor Center that provide excursion and visitation information for regional resources.



5.1 Facilities Planning & Design

Phased Capital Improvements Plan

- 5-year
- 10-year

Park facilities Design Standards and Guidelines

Typical park site plans for:

- Regional Parks
- Community Parks
- Neighborhood Parks
- Urban Parks/Riverwalk
- Beach/Intercoastal Waterways -
- Streetscapes
- Parkway
- Park Signage and Graphics
- Recommended suppliers of continuity products
- Greenways & Multi-Use Trails

Cost Estimates

- Vandalism prevention design guidelines
- Crime prevention design guidelines (CPTED)
- Accessibility retrofit and guidelines (ADA Guidelines)

Land Use Policy Planning

- Land dedication standards
- Comprehensive Plan – Parks and Recreation Plan Element
- Developer contributions (land, cash in lieu) strategies
- Joint public/private development incentive needs
- Inter-local agreements with County, Schools, Colleges, etc.
- Site development/planning guideline needs

- Development review guideline needs
- Urban design guideline needs
- Easement regulation needs
- Environmental preservation recommendations
- Development review

Strategic Plan for Revenue Generation

- Programs
- Facilities

Strategic Plan for Land Acquisition

- Vacant Under-utilized Land Inventory
- Cost Evaluation

Strategic Plan for Arts & Culture Programs and Initiatives

- Programs
- Facilities

Strategic Plan for Operational Impacts

Departmental Structure

- Structural recommendations
- Staffing roles
- Interdepartmental communications
- Jurisdictional communications
- Leagues communications

Recreational programs

- Programs updating
- Fee system

Budget

- User fees analysis
- Grants
- Bonding and Referendum proposals
- Acquisition Strategy
- Impact fees
- League fees and lighting
- Budget preparation

Maintenance

- Physical plant and maintenance staging
- Equipment upgrades

- Scheduling
- Materials and products standardization and changes

Public Involvement & Approvals Record of Events

- Public Workshops
- Focus Groups
- Social Media and Website Input
- Fort Lauderdale Officials

TASK 5 - PRODUCTS

- Strategic Plan Summary Memorandum
- Phasing Plans – 5 year/10 year/20 year - for revenue generating estimates
- Data summaries for master plan components
- Physical plan prototypes
- Capital Improvements Plans
- Operational Impacts Plan
- Public workshop review/analysis including proposed revisions to the plans

TASK 6 – DOCUMENTATION

The Consultant will work with City staff to develop a final summary document for the PRSMP that can be a usable blueprint for staff implementation of the recommendations.

6.1 Document Production

Inventory Volume #1

- Inventory
- Analysis

Master Plan Volume #2

- Introduction
- Methodology
- Long Range Plan
- Phased Plans – Capital Improvements
- Implementation Strategies

FINAL WORK PRODUCTS

Five (5) draft copies of all reports and maps for review and comment by City staff at least three weeks prior to the presentation of project findings and recommendations.

Five (5) electronic copies and one (1) professionally bound hardcopy of the final adopted Fort Lauderdale Parks Recreation System Master Plan and separate “Executive Summary.”

- Final plan document
- Executive summary
- Electronic files

CITIZENS OF FORT LAUDERDALE

MAYOR AND CITY COMMISSION

PARKS AND RECREATION DEPARTMENT
Phil Thornburg, Director

CORE TEAM

Joseph Yesbeck, PE - Project Director - TYLI
David Gjertson, PLA - Project Manager - TYLI

T. Y. Lin International

Vikas Jain, AICP, GISP
Sorin Garber
Connectivity Analysis
Tom Errico, PE
Complete Streets
Tara Boggio, AICP
Public Involvement Specialist
David Gjertson, PLA, ASLA
Kamara Williams, ASLA
Claire Clack
Land Planning, Landscape Architecture,
Public Involvement
Andrew Knight, AIA, NCARB
Adam McWilliams
ADA Compliance/Retrofitting
Chuck Deeb, PE, LEED AP
Engineering Infrastructure
Colin Henderson
Environment Analysis

BORRELLI + PARTNERS

Jorge Borrelli, ASLA, LEED AP
BD+C, CPTED
ADA Compliance and Negotiation
Community Branding
Public Involvement

BALLARD + KING

Ken Ballard
Jeffrey King
LOS
Needs Assessment

ECT INSTITUTE

Ron Vine
Elaine Tathem, PhD
Community Surveys
Public Involvement

GLAVOVIC STUDIO

Margi Nothard, NCARB
Terence O'Connor, AIA, NCARB
Diane Barry, LEED GA
Arts and Culture
Art in the City Coordinator

Calle Verde

Russell Moore, ASLA, AICP, APA, RLA
Peter Keenan, RLA, LEED AP
Balkrim Kalra, APA, AICP
James Taylor,
ASLA, AICP, APA
Land Planning, Landscape Architecture,
Public Involvement
Dan Winters
Needs Assessment
LOS

DAVID GJERTSON, PLA

PROJECT MANAGER

Mr. Gjertson has over 30 years of landscape architecture experience specializing in parks and recreation design and implementation. He has been a guest speaker on the subject of Park and Recreation Master Planning Strategies and is considered an expert at community master planning for parks and recreation facility programming and implementation. His project work includes the design and construction all manner of park projects for active and passive recreation. Active parks include; sports parks, skate parks, urban plazas and water parks and neighborhood community centers. Passive parks include; large-acreage wilderness parks, multi-use trails and greenways, conservation and preservation parks and environmental awareness parks. Mr. Gjertson's responsibilities include; project conceptualization and design, project management, client presentations and public involvement facilitation, planning document authorship, consultant teaming strategies, multi-disciplinary staff coordination, construction documentation and review and construction management.

I-395 Ground Plane Urban Planning Project, Miami, Florida; Lead Consultant and Urban Planning Project Manager. The context of the I-395 Reconstruction Project is unique from an urban planning perspective. It is a multiple-corridor master plan situated below an elevated roadway and bridge system encompassing several blocks of a grid street system that is not aligned with the structure above. The resulting urban "pattern" below the roadway structures is an existing street network and vacant parcels presently fenced and inaccessible to pedestrians. The primary issues for the I-395 project relate to the public and private realm urban planning and design elements including; programming future retention areas for parks and recreation use streetscape design, open space design options, connectivity to existing City of Miami trails systems and site planning for built forms. (2012-2014)

City of Milton, City-Wide Comprehensive Park and Recreation Master Plan, Milton, Georgia; Lead Consultant and Project Manager. The City of Milton envisioned the need for an effective master planning effort to guide future development and implementation of a Comprehensive Parks and Recreation Master Plan. David prepared community-driven plans that provide recommendations to implement both park and recreation programming and facilities strategies until the year 2030. This was accomplished through a detailed resource inventory and analysis, study of land use regulations and the development of accurate level of service standards. This Master Plan identified the recreational needs of the citizens of the City of Milton and it recommended strategies for meeting those needs (2012).

DeKalb County 46-Acre Park Master Plan, DeKalb County, GA. The project consisted of consulting services for Master Planning and Design Services for a 46 Acre Neighborhood Park Site located in DeKalb County Services included; review of existing master plans, site investigation and analysis, architectural and engineering schematic design and park master planning and design. Located in urbanized Metro Atlanta's DeKalb County, the 46-Acre Park is one of the last remaining park and open space areas available.

Central Midlands Council of Governments (CMCOG), Broad River Corridor and Community Master Plan, Columbia, South Carolina; Lead Consultant and Project Manager. Coordination and cooperation with Richland County, SC to perform a land use and transportation study (Transit Oriented Development) along Broad River Road and surrounding neighborhoods. The project area encompassed 5,000 acres and 22,000 residents. The intent of this study was to examine maximizing parks and recreation potential along the Broad River edge, streetscape and other aesthetic enhancements, transit center design and redevelopment opportunities for recreation, commercial and residential use. The study also incorporated transit oriented development (TOD) principles and practices that to enhance connectivity via a multi-use trail system and improving

TYLIN INTERNATIONAL

YEARS OF EXPERIENCE
33

REGISTRATIONS
Licensed Landscape Architect:
Georgia #1444,2009
Florida #0001141,1987
South Carolina #1091, 2009
North Carolina #1588,2009

EDUCATION
Bachelor of Landscape Architecture, University of Wisconsin, 1976

AFFILIATIONS
American Society of Landscape Architects
Congress for New Urbanism
Urban Land Institute (Associate Member)
American Planning Association

CERTIFICATIONS/ TRAINING
Regional Pattern Book Charrette 2007 ASLA Table Leader
Georgia Institute of Technology – Guest Lecturer 2002-2004 – "Urban Studies"
Atlanta Regional Commission (ARC) – Jury Member for Awards of Excellence 2003
American Society of Landscape Architects – Georgia Chapter - Executive Committee Member 2011
Washington, North Carolina Downtown Revitalization Program - 2007 Georgia ASLA Merit Award
Yellow River Regional Park – 2006 ASLA Award
South Rome Redevelopment Master Plan – 2004 ASLA Award

efficiency of the transportation system. Several methods and processes were utilized to fully engage the Broad River Road Study Area community including; project website to provide “real time” information concerning the study and a venue for public comment, focus group and key stakeholder interviews. (2009)

City of Sarasota, Master Plan of the Commercial Tourist District on St. Armands Key, Sarasota, Florida; Lead Consultant and Project Manager. The purpose of the master plan was to provide a framework for the redevelopment of the aging St. Armands Circle commercial district. The projects goals were to improve park and recreation facilities on the “Square” and Lido Beach, parking access quantity and access and redevelopment scenarios for the two “quads” of St. Armands Square and facilitate a comprehensive public involvement project. The project was fast-tracked and was completed in six months. (2007)

Noonday Creek Regional Master Plan & Multi-Use Trail, Cobb County & Town Center Community Improvement District, Georgia; Lead Consultant and Project Manager. The Noonday Creek Master Plan began as a trail enhancement plan and evolved into a regional recreation master plan and redevelopment program for the Town Center Community Improvement District. Future plans will link the Kennesaw Mountain National Battlefield Park with the Noonday Creek Trail. The center piece of the Master Plan is the funding strategy for acquiring parcels and administering a variety of recreational uses within the project area. (2003-Present)

Highway 29 Multi-Use Path, Lilburn, Georgia Community Improvement District; Lead Landscape Architect. This 2.7 mile long project includes the construction of a 10-foot wide asphalt pathway on the south side of Highway 29 between Postal Way and Killian Hill Road in Lilburn. The project also includes a wayfinding sign system, two (2) pedestrian bridges and four (4) “mini” park areas. Each pocket park will be located directly on adjacent to the new trail and designed with a decorative paved surface, benches, trash receptacles and bicycle “holding areas”. (2012-2014)

City of Milton, Birmingham Park Master Plan, City of Milton, Georgia; Project Manager. Birmingham Park is a 202-acre park and is the signature active and passive recreation facility for the City of Milton and features baseball, soccer, amphitheatre, tennis, sand volleyball, community center, environmental center, several large and small picnic shelters, equestrian facilities and an extensive multi-use trail system for casual walking, mountain biking and hiking. The project team led by David, utilized the Birmingham Park Master Plan produced in 2005 as a starting point for the revised master plan. The existing Birmingham Park was presented in a comprehensive public involvement process to gauge its relevance. After careful consideration and an imaginative conceptual design process, the “new” plan specifically services the residents of the City of Milton. The departure point

was in discovering the unique needs of the Milton community for the newly created Birmingham Park Master Plan. Accepted level of service standards were applied to the City of Milton demographic strata as part of the design process. (2012)

City of Bradenton, Bradenton Waterfront Promenade and Streetscape, Bradenton, Florida; Lead Consultant and Project Manager. The riverfront park and activity center located on the Manatee River was designed as a one-mile riverfront promenade and features a 12-foot wide walkway, dedicated green space for park activities, tensile structure amphitheatre, wood decking underpass below US 41 connecting to the Bradenton City Center, “dragon” sculpture spewing water that passes beneath and over the top of the boardwalk, 35-foot gateway tower with concessions and restrooms, period lighting, benches, and landscaping. This project is part of a \$250 million revitalization of the Bradenton waterfront and connects the downtown core with the commercial district. (2001-Present)

Gwinnett County, Georgia; Yellow River Regional Park, Snellville, Georgia; Lead Designer. Yellow River Park is a 500-acre mixed active and passive recreation park designed to accommodate active recreation uses, mountain bike trails, walking trails and an equestrian facility. The park also includes an ADA accessible walking trail, “bio-retention”, wayfinding system, and several parking nodes. (2005)

Rome, Georgia, South Rome Master Plan Redevelopment, Rome, Georgia; Lead Consultant and Project Manager. Provided strategy for the economic revitalization for the South Rome neighborhood in Rome, Georgia. The master plan was based on sound economic analysis and the principles Smart Growth and New Urbanism including: proposed mixed use projects, neighborhood commercial nodes, interconnected trail and streetscape system and a comprehensive Affordable Housing Program. (2004).

City of Washington, NC, Downtown Washington Waterfront Master Plan, Washington, North Carolina; Lead Consultant and Project Manager. The master plan was conceived by a City of Washington Private Public Partnership to enhance and promote development on the Washington waterfront and the urban core. The project included a comprehensive economic study, inventory and analysis, urban design strategies and supporting graphics. (2004)

Town of Spring Lake, Master Development Plan, Spring Lake, North Carolina; Lead Consultant and Project Manager. Provided a Master Development Plan for a 1,200-acre Urban Center Study Area. Phase 1 of the Plan included inventory and assessment of existing conditions, an economic overview of the Town of Spring Lake Study Area including: business and industry conditions and real estate trends and development trends and conditions over the recent past. A comprehensive

community involvement strategy resulted in a Summary of Issues, detailed SWOT Analysis and a Concept Development Plan that will guide redevelopment in the Urban Core and surrounding neighborhoods. (2010)

Central Pasco Employment Village (CPEV), Area Plan, Pasco County, Florida; Lead Consultant and Project Manager. The Area Plan was initiated in 2007 by the Pasco County Florida Board of County Commissioners for approximately 2,400 acres of private property centrally located in Pasco County. The resulting CPEV Area Plan fulfilled the vision to create a Live/Work/Play community to provide jobs, housing and recreation opportunities with exceptional livability standards and protection of the natural environment. (2007)

Cocoa Waterfront Park – City of Cocoa, FL*

The City of Cocoa Waterfront Park was the first phase of a comprehensive revitalization plan for the City. The park consists of a linear boardwalk that extends one quarter of a mile along the inter-coastal waterway. The boardwalk also includes several structures designed with interpretive displays, seating and vending space. The project was permitted through the State of Florida Department of Natural Resources and has become a signature project other cities on the east coast of Florida. (2000-2006)

City of Hinesville, Redevelopment Master Plan for Hinesville Urban Core, Hinesville, Georgia; Lead Consultant and Project Manager. The plan addressed the specific needs of the community based on Smart Growth and New Urbanism principles. This comprehensive master planning process that centered on the economic viability of the Urban Core and surrounding commercial and residential districts. An implementation program was developed that identified 29 individual projects and funding strategies through an innovative public involvement program. Since its adoption, more than 75% of the master plan has been implemented. (2003)

Vineyards Community Park – Collier County, FL*

Vineyards Community Park is a three million dollar park complex built around a scenic man-made three (3) acre lake located within the Vineyards PUC. in Collier County Florida. Park features include lighted tournament play soccer fields, softball fields, lighted tennis courts, basketball courts, outdoor racquetball court, shuffleboard, picnic facilities, a fifteen thousand square foot (15,000 s.f.) community center and team meeting / concession stand building and parking for five hundred (500) cars. (1999-2000)

Coastal Georgia RDC; US 17 – Corridor Design Guidelines, Leader Designer & Project Manager. The U.S. 17 Corridor Design Guideline Manual was developed as a “prototype” manual to serve rural communities extending from Savannah to St. Augustine in standardizing streetscape and façade design. The manual covers nine counties and more than 30 cities and was distributed and promoted through the Coastal Georgia Regional Development Center (CGRDC). (2001)

2nd Street Vision Block; Macon, Georgia; Urban Design Project Manager. Streetscape, hardscape design and implementation for the “2nd Street Vision Block” for the City of Macon. The Vision Block will serve as the prototype for sustainable streetscapes in downtown Macon. Design features include planning for fixed-rail transit, bio-retention, rainwater re-use for irrigation, energy efficient LED lighting, bicycle lanes and accommodations alternative methods of travel including plug-in areas for electric vehicles (2013-2014).

CHUCK DEEB, PE, LEED AP C+BD ENGINEERING INFRASTRUCTURE

Mr. Deeb has 32 years experience in the planning, design and construction administration of transportation and infrastructure improvement projects. His expertise encompasses management of entire projects from scope determination through design and construction services, supervision of engineering staff, coordination with subconsultants and clients. Mr. Deeb's expertise involves planning, design, bidding, and construction administration services.

Biscayne National Park, Dade County, Florida (9/1997): Project manager for the civil site portion of this National Parks Service project in Homestead. Provided the coordination between the architectural and civil aspects of the project, and assisted the Parks Service in obtaining permits from the local and state agencies.

Coral Ridge County Club, Fort Lauderdale, Florida (11/1995): Designed new tennis court layout and adjacent drainage modifications to accommodate the new courts. Although a small project, it was coordinated through the City of Fort Lauderdale Development Review Committee process, the Planning and Zoning Board Review, and was brought before the City Commission for final approval.

Hampton Pines Park, City of North Lauderdale, Florida (9/1997): Prepare a site plan for the proposed improvements at this park. The site plan included the parking area, pavilions, sidewalks, handicapped access, the lake and all other new amenities at the park.

Pompano Highlands Park, Pompano Beach, Florida (9/1997): Project manager for a design of a 50-car parking lot and offsite improvements at the Broward County park. Design also included drainage and utilities serving the park facilities building.

Civil Site Design: Palm Aire Park – City of Fort Lauderdale, Florida: Project engineer responsible for the civil engineering design services on this 4-acre park for the City of Fort Lauderdale. Design included paving for 12 parking spaces and 1,500 feet of shared-use trails within the park. The design also involved grading and drainage around a rare sand pine hammock. Also prepared permit applications for the SFWMD, EPD, and the Health Department.

Civil Site Design: Vista View Park - Broward Parks and Recreation, Florida: Mr. Deeb provided site utility and pavement design for a restroom, picnic shelters, and shared-use path as interim improvements for a future park at this former landfill site. The designs included a 1,500-foot water main extension, sanitary sewer and pump station, and electrical service to serve the new restrooms and shelters.

Civil Site Design: Island City Park Preserve - City of Wilton Manors, Florida: Project manager for this project that included site improvements and drainage for a 9-acre natural area bordering a canal. Site drainage provided water quality treatment. The project also included seawall repairs.

Drainage Improvements: Metro Zoo Education Court - Miami, Florida: Project manager responsible for site civil and electrical engineering for the courtyard surrounding the new education building at Metro Zoo. A unique drainage design provides under drains within landscape areas and paved water feature displays. Stormwater runoff and runoff from the water features was collected into a pretreatment system before discharging into the surrounding lakes. The complex grading plan met or exceeded ADA criteria while providing runoff capabilities for the unique features in the courtyard.

Civil Site Design: Secret Woods Nature Center - Broward County, Florida: Project manager for a \$400,000 nature center including utility services to the new building and preparing plans for selective clearing to allow the building to blend with the existing natural forest community. Mr. Deeb also designed a sanitary sewer force main to eliminate the existing septic system, and designed 400 feet of new 8" water main.

TYLININTERNATIONAL

YEARS OF EXPERIENCE
32

REGISTRATIONS
Professional Engineer
Georgia #032472, 2007
Florida #36069, 1985
North Carolina #25616, 2000
South Carolina #30497, 2013
Louisiana #37820, 2013
Alabama #-33503-E, 2013
Arizona #57424, 2014
Colorado #48531

EDUCATION
BS, Civil Engineering,
University of Miami, May 1981

AFFILIATIONS
ASCE
ASHE (Treasurer, Gold Coast
7/11-5/12)
AREMA
Georgia Airports Association

**CERTIFICATIONS/
TRAINING**
LEED® Accredited
Professional, July 2008
Certified Crime Prevention
Through Environmental
Design (CPTED) Professional
September, 1998

Civil Site Design: Hagen Park - City of Wilton Manors, Florida: Project manager responsible for the civil engineering services associated with the development of this park site located in Wilton Manors. Services included the grading of the plaza area, utility plans and drainage design, and construction management services. The project included the construction of a new community center, a multi-purpose court, and resurfacing of 6 tennis courts.

New Restroom and Boardwalk: Colohatchee Park - Broward Parks and Recreation, Florida: Project manager for the engineering services associated with the replacing an existing boardwalk elevated above a mangrove swamp. Project also included a new 330sf restroom facility for the park. Coordinated permitting and construction management services.

City of Miami Community Redevelopment Agency (CRA) 2002-2008 - Miami, Florida: Mr. Deeb was the project manager for multiple assignments and projects while the firm was acting as the General Consultant for the CRA. Example projects are listed below.

Owner Representation / Construction Management: Margaret Pace Park Redevelopment- City of Miami CRA2004-2006, Miami, Florida: Project manager responsible for the construction phase services as the owner's representative for the redevelopment of a park facility. The park facility construction includes new aesthetic entry gates, sidewalks (oversized), ornamental lighting, restroom facilities, mechanical room, playground area, volleyball courts, tennis courts, basketball courts, fitness course, and soccer and cricket fields.

Grand Promenade - City of Miami CRA 2004-2005 - Miami, Florida: Mr. Deeb Managed the design and construction administration for the Interim Grand Promenade project that converted an abandoned railroad spur and alleyway into a pedestrian promenade to serve the entertainment district of downtown Miami. The project included new pavement for vehicle access, landscaping, irrigation and decorative lighting.

VIKAS JAIN, AICP, GISP

CONNECTIVITY ANALYSIS

Mr. Jain has 19 years of experience working on several large scale complex transportation planning and regional land use planning projects in the U.S. and India. He has managed technical aspects of motorized and non-motorized projects such as bikeway/sidewalk and transit feasibility studies, corridor studies, traffic impact studies, and site suitability studies for transit projects. He has extensive experience in developing long-range multimodal transportation and transit system plans, transit service plans, transit operations analysis, and capital cost and O&M cost models. He has effectively integrated GIS and travel demand forecasting software data for socio-economic, land use, and demographic analysis to aid the team in preparing environmental assessments and impact statements under National Environmental Policy Act (NEPA) guidelines. Vikas has profound understanding of Federal Transit Administration's (FTA) project development process including preparing New Starts application. He has led and provided technical support in public information campaigns

Martin MPO Transit Development Plan, Martin MPO, Project Manager. Mr. Jain is managing a multi-disciplinary team in producing the 2014-2023 Transit Development Plan, which will be presented to the MPO Board for adoption in July 2014. Under his leadership, the TYLI team completed data collection, prepared a forecast model using the TBEST software, completed multiple alternative scenarios, and based on financial and implementation considerations, worked with staff to recommend a preferred scenario. Mr. Jain presented technical findings to the advisory committees, the BOCC, and the general public, as well as with staff from the St. Lucie TPO and FDOT to ensure that some of the recommendations for regional transit connectivity were feasible and coordinated.

Miami-Dade County Metropolitan Planning Organization (MPO), General Planning Consultant Support Services, Miami, Florida; Project Manager. Managed multiple task work orders ranging from \$50,000 to \$300,000 in consulting fee. Project types included sustainable transport strategies, public information campaigns, transit service evaluation, and studies related to motorized and non-motorized transportation.

Miami-Dade MPO, Strategies for Integration of Sustainability and the Transportation System, Miami, Florida; Deputy Project Manager. The focus of the project was to accommodate future travel needs in Miami-Dade County using travel demand management strategies. Responsible for developing sustainable transportation scenarios and methodology for evaluating transportation strategies using Southeast Florida Regional Planning (SERPM) model.

Miami-Dade MPO, Feasibility Study of Miami Downtown Intermodal Terminal, Miami, Florida; Deputy Project Manager. Study included identifying suitable site for locating the intermodal terminal in downtown Miami, developing conceptual design for the preferred site, preliminary financial analysis, and recommending an implementation plan.

Miami-Dade MPO, Near Term Plan for Improved Transportation Services, Miami, Florida; Project Manager. Elements of the public information campaign included marketing brochure, web page, and a 30-second video appropriate for Public Service Announcement (PSA)/TV spot. Vikas was responsible for designing and developing a public information campaign for marketing and promoting transit services in Miami-Dade County.

Hillsborough County Planning Commission, Unincorporated Hillsborough County Future Alternative Growth Pattern Scenarios, Florida; Planner/GIS Analyst. This study was conducted to assist the County with the creation of future growth scenarios and developed an interactive software program to allow elected officials and members of the public to create their own growth scenarios. Vikas developed and analyzed alternative population and employment growth patterns for four different scenarios (transit oriented development, unrestricted growth, redevelopment and activity centers scenarios).

TYLIN INTERNATIONAL

YEARS OF EXPERIENCE

19

REGISTRATIONS

American Institute of Certified Planners (AICP) #020097, 2005

Certified Geographic Information Systems (GIS) Professional #00057880, 2008

EDUCATION

Master of City and Regional Planning, Clemson University, 2003

Master of Planning (Specialization in Housing), School of Planning, Center for Environmental Planning and Technology (CEPT), India, 2000

Bachelor of Engineering, Construction Technology, School of Building Science & Technology (SBST), CEPT, India, 1998

AFFILIATIONS

American Institute of Certified Planners

American Planning Association

Associate Member of Institute of Town Planners, India

Member of Indian Society of Geomatics (ISG)

City of Plant City, Northeast Plant City Master Plan, Plant City, Florida; Planner/GIS Analyst. Developed a master plan for lands located to the northeast of its jurisdiction. Tasks associated with creating this master plan include an assessment of existing conditions through a GIS-based suitability analysis, development of guiding principles through interviews with community leaders and property owners, creation of two possible future land use scenarios based on the guiding principles, creation and assessment of proposed roadway improvements necessary to mitigate the impacts of the proposed growth on I-4, and identification of appropriate implementation strategies. Vikas developed a spatial model for land use suitability assessment using GIS.

City of Oakland Park, Evaluation and Appraisal Report (EAR), Oakland Park, Florida; Planner/GIS Analyst. The purpose of the EAR was to review the performance of the comprehensive plan in meeting the community's needs and vision for state required and locally identified major issues. Local major issues were identified, coordinated and led public involvement efforts, prepared the EAR document, and responded to comments from reviewing agencies. Amendments to the adopted Comprehensive Plan to address the EAR major issues were also prepared. Vikas created existing land use data at parcel level using GIS and compiled maps for the City's comprehensive plan per Florida Statutes.

PB Americas, Inc., Jacksonville Transportation Authority (JTA), Alternative Analysis/Draft EIS for the East/Southwest Corridor, Jacksonville, Florida; Assistant Planner. Responsible for socio-economic, land use, and environmental impact analysis using for a Bus Rapid Transit (BRT) system. Also analyzed transportation impacts and assisted with ridership forecast.

Mott MacDonald, Feasibility Study of Integrated Public Transit System, City of Ahmedabad, India; Urban Planner. Developed socio-economic and land use at a Traffic Analysis Zone for travel demand modeling (EMME/2), demographic analysis and population, and employment projections. Vikas assisted with traffic and transit surveys, ridership forecast, real estate and financial analysis, and documentation.

Town of Davie, Davie Regional Activity Center (RAC) Master Plan, Davie, Florida; Planner. Developed a multimodal transportation plan as part of the Town of Davie's RAC Master Plan. The RAC was a 2,200-acre-area of the Town that supported a variety of uses, including the South Florida Education Center (a cluster of 14 educational institutions) and the historic downtown district. The transit plan included development of a circulator for the RAC and connections to existing and proposed regional transit routes. Vikas developed a methodology to determine minimum population and employment densities required to support each type of transit vehicle (rail versus bus), capital and operating cost estimates for the proposed transit circulator.

FDOT District Four, Maintenance Facility Location Study, Broward County Transit (BCT), Florida; Planner. This study was performed to identify potential sites for BCT maintenance activities and performed a preliminary site evaluation criteria and initial screen evaluation. As part of the study, project justification was outlined, preliminary evaluation criteria were developed, initial facility site candidates were identified, and preliminary evaluation was performed. The project resulted in a set of alternatives that were further investigated. Vikas was responsible for community impact analysis using GIS model, quantitative evaluation of potential candidate sites, and property search using BPCA data.

FDOT District Six, Golden Glades Interchange Intermodal Facility–Bus Bay Analysis, Miami, Florida; Planner. An evaluation of the proposed bus terminal facility design at Golden Glades Interchange and calculation of the number of berths required at the terminal based on existing and future transit service plan. Vikas was responsible for bus operations analysis and service plan evaluation to determine the size of the proposed bus terminal capacity at the Interchange.

City of Tamarac, Integrated Bikeway/Walkway System Feasibility Study, Tamarac, Florida; Planner. An assessment of the existing conditions and identification of potential economic benefits for the City that may have resulted from the implementation of a bikeway system. The study involved extensive public involvement and a feasibility study was conducted for different types of bikeways/walkways. Vikas was responsible for a demographic analysis using GIS to identify bike/pedestrian markets and cost-benefit analysis.

South Florida Regional Transportation Authority, Northern Layover/Maintenance Facility Location Study, Palm Beach County, Florida; Planner. Phase one of this study included conducting a space needs assessment, a property search, and alternative site evaluation screening for new layover/maintenance facility in Palm Beach County. Phase two evaluated the sites using several criteria and weighting based on a tiered-approach to identify a site that could have been evaluated using FTA requirements for environmental clearance. Vikas identified and evaluated alternative property locations based on the space needs assessment results using GIS.

FDOT, Park and Ride Feasibility Study, City of Plantation, Florida; Planner. Examined the feasibility of a system of park and ride facilities within the City's Midtown District. Specific tasks included future parking needs assessment, identification of potential facility sites, development of a conceptual site plan for one such site, and preparation of cost estimates. A key component of this project was ensuring that the facilities support the Plantation Midtown Trolley. Vikas developed a spreadsheet based tool to evaluate alternative park and ride sites using extensive evaluation criteria.

SORIN GARBER

CONNECTIVITY ANALYSIS

Mr. Garber is a nationally recognized freight mobility expert with 30 years of experience preparing multimodal passenger and freight system/corridor plans and feasibility studies, strategic planning/public policy, and infrastructure project business plans. He works with private industry and the public sector to develop system investments that improve the flow of goods from origin to destination; in particular, within urban areas and between terminals and the intercity systems. He advises and consults with legislative bodies, state and local agencies, railroads, shippers, business leaders, and non-profit organizations, and is an actively sought resource within the professional community.

FDOT District Four, US 27 PACE Study, Miami, Florida; Freight Planner/Modeler. Sorin is preparing future rail and truck forecasts for the US 27 corridor between the FEC Hialeah Rail Yard and the CSX and Florida Central Railroad facilities surrounding Lake Okeechobee; as well as the connections to and from proposed inland logistics centers in the corridor. This effort includes a complete review of the multiple freight rail and truck forecasts completed by FDOT and others, as well as new forecasts associated with the dredging of the Port of Miami to allow shipments by post-Panamax mega ships.

METROPLAN Orlando, Orlando Area Long Range Transit Plan (LRTP), Orlando, Florida; Project Manager/Lead Author. Development and adoption of the MPO's regional 20-year transit investment plan covering LRT, commuter rail, intercity HSR, BRT circulators, and added bus service.

Disposition of Conrail Assets to CSX and Norfolk Southern EIS, Surface Transportation Board, Washington DC; Rail Planner/Modeler/Analyst. Calculated/documentated future rail movements throughout the 26-state, 24,000-mile Conrail system, and identified where those volumes met threshold levels for required noise and vibration analyses.

Portland METRO, Portland Regional Freight and Goods Movement Plan, Portland, Oregon; Project Manager/Lead Author. Prepared the MPO's Freight and Goods Movement Plan, an element of the Regional Transportation Plan including production of white papers on: Multi-Modal Profiles, Logistics Profiles, Freight System Performance Measures, Proposed Freight System Projects, Community/Neighborhood Impacts and Mitigation Associated with Freight System Movements and Facilities. Sorin was also central to the Plan's public outreach.

Portland Bureau of Transportation, Portland Freight Mobility Plan; Portland, Oregon; Project Manager. Sorin led a technical team in the production of Portland's first freight mobility plan; adopted by the Portland City Council. Working with a stakeholder advisory committee, Sorin's team refined the City's truck routes, developed programmatic solutions, prepared infrastructure investment proposals, resolved conflicts with the needs of passenger modes, and updated City policies that affect freight movement with elected officials, business interests and other civic leaders.

Regional Transportation Council, Commuter Rail Feasibility Study, Vancouver, Washington; Project Manager. Completed an operational/capital needs feasibility study for a Vancouver-Portland commuter rail service over the BNSF railroad network. Sorin led a one-day workshop with local area officials which resulted in a set of detailed commuter service alternatives for evaluation. Using RTC, a railroad dispatch model, the evaluation focused on rail capacity needs, incremental infrastructure enhancements and corresponding cost estimates.

Washington State and Oregon DOTs, Columbia River Crossing EIS, Washington and Oregon; Freight Mobility Expert.

Completed multimodal freight impact analyses, established and facilitated meetings of project's Freight Working Group, worked with carriers and shippers, and completed case studies, including whether or not the rail system could accommodate the future truck demand in the corridor.

TYLIN INTERNATIONAL

YEARS OF EXPERIENCE

30

REGISTRATIONS

American Institute of Certified Planners (AICP) #020097, 2005

Certified Geographic Information Systems (GIS) Professional #00057880, 2008

EDUCATION

Master of City and Regional Planning, Clemson University, 2003

Master of Planning (Specialization in Housing), School of Planning, Center for Environmental Planning and Technology (CEPT), India, 2000

Bachelor of Engineering, Construction Technology, School of Building Science & Technology (SBST), CEPT, India, 1998

AFFILIATIONS

American Institute of Certified Planners

American Planning Association

Associate Member of Institute of Town Planners, India

Member of Indian Society of Geomatics (ISG)

Cascade West Council of Governments, Toledo-Sweet Home Rail/Intermodal Terminal Feasibility Study, Oregon; Lead Freight Analyst. Evaluated the feasibility of establishing multi-modal intermodal facilities in Linn and Benton Counties, and at the Port of Toledo. Sorin compared the benefits and costs of investments in the region's rail and highway systems, which involved interviews with business leaders, review of economic and freight trends, an evaluation of the condition of the regional rail and highway systems, and opportunities for renewed barge service in Lincoln County.

Washington State Legislature and Washington State DOT, Eastern Washington Freight Mobility Study, Washington; Project Manager. Prepared a series of technical papers on freight mobility needs and priority freight projects, including an update of the Strategic Freight Corridor network, a new set of performance criteria for project selection, estimating the effects of the reopening of the Stampede Pass Rail Corridor, mountain pass closures, and railroad abandonment on the freight delivery system, and evaluation of the costs and benefits of reopening the old Milwaukie RR line.

Oregon DOT, Oregon Freight Mobility Plan, Oregon; Principal Freight Mobility Planner. As part of a multi-disciplinary team, Sorin led the analysis of multi-modal commodity flow forecasts, recommendations for a state policy on rail-served land uses, approaches to resolving community and environmental impacts associated with rail and truck movements.

Oregon DOT, Pacific Northwest High Speed Rail Corridor CIP, Business Strategy, and Environmental Assessment, Oregon; Project Manager and Lead Author. Conducted operational analyses, CIP, ridership estimate, business plan, and EA which led to two additional (four train trips) daily trains.

Oregon DOT, I-5 Rail Capacity Study; Various locations; Project Manager/Lead Analyst. Directed a comprehensive evaluation of track capacity and railroad demands on the BNSF and UP railroad alignments between Kelso, Washington and Salem, Oregon. Using the RTC model and working with experts from both railroads, states of Washington and Oregon, and the ports of Vancouver and Portland, Sorin documented growth in 14 types of trains that use, and are projected to use, the regional rail corridors. Over \$170 million in capacity improvement projects were identified that were endorsed by both railroads, states and ports, nearly all of which have been constructed.

THOMAS A. ERRICO, PE
COMPLETE STREETS

TYLININTERNATIONAL

Thomas Errico joined T.Y. Lin International as a senior associate and New England traffic engineering director. His background in traffic engineering includes access management, corridor studies, traffic operations studies, pedestrian studies, parking studies, safety evaluations, and traffic impact studies. He has significant experience in designing traffic signals, developing and maintaining traffic plans, and determining intersection and roadway design requirements for highway projects, including auxiliary lanes, bicycle and pedestrian facilities, signing, and traffic control. He has worked extensively with traffic engineering software such as SYNCHRO, SimTraffic, HCS, TRANSYT-7F, PASSER, and CORSIM.

Complete Streets Design Training Initiative, Statewide, MA - UMass. Project Manager responsible for the development and delivery of approximately 80 training workshops throughout the state of Massachusetts. The workshops attendees will include MassDOT engineers, consultants, and municipal staff.

Complete Streets Technical Presentations. Instructor conducting Complete Streets Training. These have included the following:

- 2014 Maine ACSE Winter Meeting
- 2012 MaineDOT Transportation Conference
- 2012 Maine Active Community Conference
- Bicycle Coalition of Maine Advocates Meetings (January – May 2013)
- 2011 New England Bike-Walk Summit
- 2012 Maine Transportation Safety Council
- New Hampshire MPO Group
- Maine Chapter of the Institute of Transportation Engineers
- Massachusetts Chapter of the Institute of Transportation Engineers

Anderson Street Neighborhood Bicycle Boulevard Project – City of Portland, ME. Project Manager and Lead Traffic Engineer implementing a bicycle boulevard in the East bayside Neighborhood of the City. The design includes streetscape improvements, construction of sidewalks and crosswalks, traffic calming strategies, on-street parking provisions, and bicycle accommodations.

New Auburn Village Center Study – City of Auburn, ME. Project Manager and Lead Traffic Engineer responsible for traffic analysis supporting the transportation and urban design improvements. A key component of the study is the development of a traffic simulation model to assess both one-way and two-way traffic circulation options through this busy village area. The City is struggling with trying to balance the desire to establish a livable village area, while competing with heavy cut-through traffic.

Bath Road Master Plan – Town of Wiscasset, ME / MaineDOT. Project Manager responsible for producing a plan that maximizes development opportunities along Bath Road through the strategic coordination of traffic infrastructure improvements, land use policies and design standards. By planning for growth, Bath Road will remain safe, congestion will be minimized and visual character will be preserved and enhanced. Ultimately, this Master Plan is intended to help Wiscasset shape a future for Bath Road and surrounding areas that reflects the needs and values of the community.

YEARS OF EXPERIENCE
30

REGISTRATIONS
Registered Professional Engineer in
Maine (6618), 1990;
Vermont (6321), 1992;
New Hampshire (10096), 1999;
Massachusetts
(37701), 1993

EDUCATION
M.S., Civil Engineering,
Northeastern University,
Boston, Massachusetts, 1996
B.S., Civil Engineering,
Northeastern University,
Boston, Massachusetts, 1985

AFFILIATIONS
Member, Institute of Transportation Engineers (ITE),
1997-Present;
Director of the New England Section, ITE 2010;
Institute of Transportation Engineers (ITE),
National Committee Member on publishing a Report on Current Practices on Pavement Markings and Signing at Crosswalks, 2010;
Member of the National Pedestrian and Bicycle Committee
Member of the Speakers Bureau for the National Complete Streets Coalition.
Member of the Association of Pedestrian and Bicycle Professionals

Marginal Way Pedestrian and Bicycle Master Plan, Portland, ME – City of Portland. Lead Traffic Engineer responsible for the development of an improvement plan for Marginal Way that incorporates a balanced transportation infrastructure considering all modes including pedestrians, bicyclists, trucks, transit, on-street parking, and streetscape. The plan was based upon a 10-year Bayside Development Plan. The key part of the plan in the conversion of the existing four-lane section to three lanes.

On-Call Traffic Engineering Services, Portland, ME. City of Portland Traffic Engineer responsible for providing technical assistance on a host of traffic related tasks including traffic calming, neighborhood traffic management, traffic control, safety studies, development reviews, traffic support for construction projects, traffic signalization design, and general traffic engineering tasks.

Downtown Traffic and Streetscape Study, Portland, ME - PACTS. Project Manager and Lead Traffic Engineer for the preparation of a traffic study that investigated and analyzed traffic access into and within the downtown; evaluated on-street parking; identified strategies to minimize conflicts between pedestrians and vehicular traffic; development of a pedestrian friendly streetscape; and creating stronger linkages between the Old Port and the Congress Street corridor.

Park Avenue / St John Street Road Diet Projects, Portland, ME. MaineDOT Project Manager that designed improvements that are implementing bicycle lanes and other bicycle facility enhancements on these two urban streets. Work included preparing design plans and specifications that met City of Portland standards and accepted by MaineDOT.

City of Portland Pedestrian Wayfinding System Study Portland, ME. City of Portland and PACTS Project Manager and lead Traffic Engineer for a study that planned and designed a fully comprehensive wayfinding signage system to aid visitors and residents alike in experiencing all that Portland has to offer. The intended outcome of the study and design exercise was to establish the policies, criteria, and graphic standards for the pedestrian-focused component of the wayfinding system. It serves as the basis from which the specific criteria for the vehicular focused component will be developed. The first phase of the project (installed) was to implement a pedestrian wayfinding signage system between the Waterfront and Arts District within City.

Route 1 Multi-Use Path / Road Diet Project, Yarmouth (LAP). Traffic Engineer designing roadway and intersection improvements following the extension of the Beth Condon Path, including removing of a Route 1 southbound travel lane. Conducted traffic analysis in support of a lane reduction on Route 1 to accommodate the design and construction of a multi-

use path. Close coordination and approval by MaineDOT was required.

Route One Infrastructure Plan, Town of Falmouth. Project manager and lead traffic engineer in the development of a Plan that is a coordinated investment in, and improvement of, the public right-of-way (ROW) infrastructure of Route One to make it a more attractive, cohesive, functional, and pedestrian-friendly street that strengthens its economic viability and implements the Town's vision.

Outer Congress Street Lane Adjustment Project Portland, Maine. Lead Traffic Engineer for the development of design plans and Maintenance of Traffic plans for the project. Tom work very closely with City staff and MaineDOT in the implementation of temporary and final pavement marking and signage plans for Congress Street between Stevens Avenue and International Parkway. Tom worked with City staff in making public presentations, identifying appropriate signing and pavement marking details during construction, and overseeing construction in the field.

Downtown Westbrook Streetscape Study - Westbrook, ME. TYLI staff prepared a streetscape plan that recently was adopted unanimously by the City Council. The study had a broad public outreach program that followed the guiding principles of "Context Sensitive Solutions" and as such involved numerous study committee meetings (the committee comprised of business owners, residents, staff, a planning board member, and a city councilor). The study had the following study goals:

- To Promote a Safe, Beautiful & Economically Sustainable Downtown Through a Well-Designed Streetscape Which Includes All Components of the Street, Sidewalks, and Building Facades.
- To Improve the Pedestrian Experience in the Business Core of Downtown While Improving the Ability of Cars to Circulate In, Around & Through Downtown.
- To Promote the Downtown as the Heart of the Community for Residents & Visitors.
- This document is intended to provide guidance to residents, landowners, business owners and decision makers as to the preferred build-out of the streetscape in the downtown business core.

TARA BOGGIO, AICP

PUBLIC INVOLVEMENT SPECIALIST

Ms. Boggio has 14 years of experience and a Masters Degree in Urban Planning. Having worked in both the public and private sectors, she has the knowledge and skills needed to balance the interests of various stakeholders at the planning level. Ms. Boggio has a strong background in demographic and financial analysis, economic development, and land use and regional planning. She also has extensive experience with completing SEQRA documentation for a variety of projects ranging from EAF's for commercial development to EIS's for landfills, large-scale developments, and for the adoption of master plans. In addition, she has completed dozens of transportation-related projects including traffic impact studies, corridor studies, expanded project proposals, major investment studies, and design reports. Her value-added services include grant writing identification and preparation, public involvement, and site and market feasibility studies that are used to help determine what can go on a site based on demand, land use/zone restrictions, and site characteristics.

As Senior Planner on projects, her role often includes public participation coordination, assistance with goal setting and visioning, identification of project funding sources, and overall project management.

Brooks Landing Phase II Improvements, Rochester, New York; Senior Planner. Provided services for this federally-funded project, which involves the design and construction of a park gateway, roadway, and trail improvements to a portion of the Genesee Valley Park at Brooks Landing. Tara's responsibilities include involvement in the site planning and design of the project. In addition, she is leading public involvement initiatives, which includes conducting public meetings with interested community members.

The project is an opportunity to further rejuvenate the 19th Ward neighborhood and strengthen public access to the waterfront, park, and trail system from this district, as well as the University of Rochester and Brooks Landing private development. As Genesee Valley Park is an Olmsted-designed landscape, a large focus of the project is enhancing and restoring its features, while respecting its history and mitigating impacts of development.

Faith Village, Brighton, New York; Project Manager. Responsible for this 70-acre church campus, which is being developed to include a 3,500-seat sanctuary, K-12 school, senior living facility, parsonage, family life center, and full athletic fields. In addition to completing and submitting SEQRA documentation to the Town, including draft and final environmental impact statements, FRA is responsible for the survey, site engineering, site layout, and traffic analysis, as well as conducting community involvement initiatives.

Canandaigua Downtown Rail-with-Trail. TYLI was retained by the City of Canandaigua to complete a feasibility study and provide cost estimates for the construction of a key trail link from Main Street (NYS Route 332) to Buffalo Street in the City. The trail is approximately one mile in length and will connect an existing trail, ending at the southeast corner of Main Street and West Avenue, to Buffalo Street using an existing rail corridor. The majority of the trail route is adjacent to an active rail line, and will range from as few as 10 feet to as many as 100 feet from the line itself. Serving as Senior Planner, Ms. Boggio is leading public involvement initiatives, as well as developing signage and assisting with the trail design.

City of Rochester, Historic Erie Canal Aqueduct & Broad Street Corridor Master Plan, Rochester, New York; Senior Planner. TYLI was retained to create a master plan for the Historic Erie Canal Aqueduct and Broad Street corridor. Work included conceptual, preliminary, and final design for the adaptive reuse of both components. The study area portion of Broad Street matches the original alignment of the Erie Canal, where it ran through downtown Rochester before the canal was rerouted to the south of the city in 1918. A major focal point of the corridor is the Erie Canal Aqueduct of 1842, which carried the Erie Canal over the Genesee River. After the old canal bed was abandoned, a tunnel was constructed beneath what eventually became Broad Street, and subway service ran below the roadway until 1956. The interior of the tunnel and the Erie Canal Aqueduct have been vacant since that time. The master plan will serve as a catalyst for reinvestment and development in the west side of downtown, and will assess alternatives for resurrecting the Erie Canal Aqueduct to a place of prominence and importance in the community.

TYLIN INTERNATIONAL

YEARS OF EXPERIENCE

14

REGISTRATIONS

American Institute of Certified Planners (AICP)

EDUCATION

Masters of Urban Planning, Economic Development Specialization, State University of New York at Buffalo, 1997

BA, Geography, State University of New York at Genesee, 1995

BA, Mathematics, State University of New York at Genesee, 1995

AFFILIATIONS

American Institute of Certified Planners

American Planning Association

Gamma Theta Upsilon – Geography Honor Society

Watkins Glen/Montour Falls Transportation Study, Schuyler

County, New York; Senior Planner. Prominent attractions including the Watkins State Park, the Watkins Glen Race Track, and the many Finger Lakes Wineries in the area, make tourism an important and growing industry within the project's limits. In addition, a new hotel and convention center, opening at the head of the lake in 2008, and the Catharine Valley Trail (currently under construction) will extend the tourism season and result in an increase in pedestrian movement in the Village of Watkins Glen. Further congesting the roadways in this area are two salt companies that bring large truck volumes into the confined village streets causing safety and access problems.

The area is limited by the lack of access to expressways, with the closest, I-86, at twenty minutes away, and I-90 over forty five minutes away. NYS Route 14 and 414 connect the two Interstate highways. Route 414 south runs adjacent to a Business Park and has a weight restriction on the hill into the Village of Watkins Glen. Trucks weighing over 9 ton are not able to leave the Business Park and travel north on NYS Route 414. TYLI worked with the effected municipalities to develop strategies that will maintain the current high quality of life, while assuring that a unified multi-modal transportation system is in place to provide good access, mobility, and safety, as well as helping to support economic development. The study takes into account the transportation needs of both existing and planned development.

Downer Street Corridor Study, Syracuse, New York; Senior Planner. Completed the Downer Street Corridor study in the Town of Van Buren and Village of Baldwinsville, New York. The Downer Street corridor is an important access roadway for both the Town and Village. While the majority of the corridor is developed, there are signs of new residential development both in the western and central portions of the corridor. The proximity of NY Route 690 in the center of the study area and direct interchange access to this limited access highway has helped focus commercial development on Downer Street in the central portion of this corridor as well.

KAMARA WILLIAMS, ASLA

LANDSCAPE ARCHITECTURE

Ms. Williams has six years of experience serving in engineering and landscape architecture. She has worked on various projects in the commercial arena. She has experience preparing cost estimates, selecting plant material, designing and assisting clients with detailed landscape plans, and conducting site surveys. She also has experience in designing alternate railroad systems.

City of Columbus Consolidated Government, Transportation Enhancement Program, Wynnton Road Phase I Streetscape Enhancement Program, Columbus, Georgia; Landscape Architect. First phase of implementing key recommendations of the Midtown Project Master plan by improving pedestrian, vehicular, and transit facilities along Wynnton Road in the heart of the Wynnton Village historic district. The City of Columbus Consolidated Government, on behalf of Midtown Columbus, Inc, received a \$1 million Transportation Enhancement (TE) grant, including matching funds, to implement Phase 1 of this project from the Georgia Department of Transportation. T.Y. Lin International (TYLI) developed a streetscape enhancement plan to include landscaping, sidewalk paving materials, utility relocation, lighting, street furniture, graphics, crosswalk materials, and other features as required by the City. The plan established a typical six foot wide landscape strip adjacent to the curb, and a six-foot wide sidewalk beyond it within existing right-of-way.

PATH Foundation, West-End Trail Transportation Enhancement, Atlanta, Georgia; Landscape Architect. Provided streetscape design services for this Transportation Enhancement (TE) West End Trail Project. TYLI completed all street improvement plans for construction. Scope of work included narrowing the street to accommodate the new path, drainage improvements, retaining wall, pavement marking and signing, traffic signal work, and soliciting approval.

PATH Foundation, Centennial Park Connector Trail Transportation Enhancement, Atlanta, Georgia; Landscape Architect. Provided traffic engineering and streetscape design services. TYLI documented existing traffic conditions and determined future impacts associated with modifying the existing street system to best accommodate the new path. Once preliminary phase was completed, TYLI designed and permitted all streetscape improvement plans for construction. This scope of work included narrowing streets to accommodate the new path, drainage improvements, retaining walls, pavement marking and signing, planting plans, traffic signal work, and coordinated all permitting through the City of Atlanta and Georgia Department of Transportation.

Landscape Architectural Design Services, Various McDonalds Restaurants, Atlanta, Georgia; Landscape Architect. Ms. Williams is the lead point-of-contact with the McDonald's project managers, owner/operators, and landscape contractors for various McDonald's restaurants in the Southeast. She conducts the research, site analysis, landscape plans, renderings, planting schedules, planting details, and zoning ordinances in the development of the landscape design. Ms. Williams has completed over 100 landscape plans for McDonald's restaurants over the past five years.

Athens-Clarke County, City Hall Complex Streetscape, Downtown Athens, Georgia; Landscape Architect. Streetscape design of a one square block of downtown Athens surrounding City Hall. The renovation enhances the streetscape appearance around the City Hall complex and provide for a more pleasant pedestrian experience. The streetscape design increases shade, adds curb extensions and replaces paving and benches for a more pedestrian friendly environment. Washington Street has a wider side-walk programmed with arts activities to create an "Art Walk."

TYLININTERNATIONAL

YEARS OF EXPERIENCE
6

CERTIFICATIONS
Wetland Certification

EDUCATION
MLA, Landscape Architecture (Urban and Sustainable Design), Cornell University, 2006
BS, Civil Engineering, Clark Atlanta University, 2002

AFFILIATIONS
American Society of Landscape Architects (ASLA)– Georgia Chapter
Urban Land Institute (ULI)– Georgia Chapter

CLAIRE CLACK

LANDSCAPE ARCHITECTURE

Ms. Clack has two years of experience working on numerous site investigation reports, understands community codes and how various communities encourage and control developments in their jurisdictions.

Little Willeo Road Sidewalk Improvements – Phase 2, Cobb County, Georgia; Intern Landscape Architect. Ms. Clack is providing landscape design support services for this 0.62 mile/3,2070 linear foot sidewalk extension consists of five-foot sidewalk and ten-foot urban shoulder with two-foot grass strip between the curb and the sidewalk.

FDOT District Six, SR 836-I-395 Engineering Design Services, Miami, Florida; Intern Landscape Architect. TYLI was awarded the contract to perform preliminary engineering design services and Owner’s Representation for the new \$400 million improvements to the I-395 corridor in Downtown Miami. The scope of work consists of the preliminary bridge design and aesthetics for a proposed signature bridge and modification of the existing elevated roadway and interchange improvements with I-95.

Lilburn Community Improvement District (LCID), Highway 29 Multi-Use Path, Lilburn, Georgia; Intern Landscape Architect. TYLI is designing the Highway 29 Multi-Use Path as a 10-foot wide asphalt surface on the south side of U.S. Highway 29 (SR 8) between Postal Way and Killian Hill Road in Lilburn, Georgia. The work includes civil engineering, environmental documentation, landscape architecture, structural engineering, and lighting. Project specific activities include preparing a concept report, public involvement meetings, coordination with LCID staff, and meetings with adjacent property owners.

Midtown, Inc, Wynnton Road Master Plan-Phase I, Streetscape Enhancement Program, Columbus, Georgia; Intern Landscape Architect. TYLI developed a streetscape enhancement plan to include trees and landscaping, sidewalk paving materials, utility relocation, lighting, street furniture, graphics, crosswalk materials, and other features as required by the City. The plan proposes establishing a typical six foot wide landscape strip adjacent to the curb, and a six-foot-wide sidewalk beyond it within existing right-of-way. This project supports the continued revitalization of Midtown Columbus, Inc. to improve safety for pedestrians and drivers, provide an improved safe route to Wynnton Elementary School, and supports local community desires for an improved corridor.

Athens-Clarke County, City Hall Streetscape, Athens, Georgia; Intern Landscape Architect. TYLI was retained to provide the streetscape design for a one block area of downtown Athens, which contains its City Hall. The City Hall building is a landmark in Athens, a “town and gown” city whose makeup consists of both local professionals and students attending the University of Georgia. The City Hall streetscape design aims to appeal to both of these groups by taking advantage of cultural features on the site, like the Spirit of Athens structure and double-barrel cannon, while beautifying the area and making it more pedestrian-friendly.

TYLININTERNATIONAL

YEARS OF EXPERIENCE
2

CERTIFICATIONS
LEED Green Associate

EDUCATION
Bachelor of Landscape Architecture, (Minor in Horticulture), University of Georgia, 2012
Master of Public Administration, expected May 2016

AFFILIATIONS
American Society of Landscape Architects (ASLA)– Georgia Chapter
Urban Land Institute (ULI)– Georgia Chapter

ANDREW KNIGHT, AIA, NCARB

ADA COMPLIANCE

Mr. Knight has 23 years of experience with an expertise in both municipal and commercial building designs. One of his strengths that clients seek out is his incisive creativity, which gives him the ability to capture clients' visions and turn them into realistic, inspired, yet workable design solutions. Andrew's architectural experience also includes schools, government buildings, multi-family residences, banks, hotels, restaurants and large retail buildings.

Zamperini Club & Executive Mess Hall, Architectural & Engineering Design Services, Kwajalein Atoll, Marshall Islands; Project Architect. TYLI provided full architectural & engineering services on this project including site design and landscape design. The project scope included demolishing part of an existing building and providing a new replacement structure. It also involved a substantial renovation of the areas of the building which was not fully demolished. The total new and renovated area encompassed approximately 21,700 square feet and included kitchen areas dining areas a bar and lounge area and sub dividable banquet halls. (2014)

Bay Pines VA Hospital, Design-Build Services, Tampa, Florida; Project Architect. TYLI and partners B.C. Peabody Construction provided architectural, interior design, mechanical, plumbing & electrical design and construction services on this project. The scope encompassed the interior demolition and renovation of 6,700 square feet of kitchen & dining space in 2 buildings on the base. (2013)

Coca-Cola Corporation, Architectural and Site Design Services, Atlanta, Georgia; Project Architect. TYLI in conjunction with Facilitec provided architectural and interior design services for a 1,500-square foot dining room expansion at their 8601 Dunwoody Place facility. This dining room expansion consisted of a post and beam construction with masonry infill and brick veneer along the water table. It consisted predominantly of smoked glass above the water table with decorative mullions and unique column applications. The new dining room seats 48 additional people. In addition to architectural and site design services, TYLI provided structural steel and framing plans, wall sections, masonry detailing, and foundation plans. (2005)

RB Management Services, Inc., Central Michigan University at Shadow Wood Office Park, Architectural and Structural Design Services, Atlanta, Georgia; Project Architect. TYLI in conjunction with Facilitec provided interior renovation work and structural design for a two-story pedestrian bridge and fire exit for a new tenant. The 20,625-square-foot space was converted from Class A office space to a classroom and lecture facilities for Central Michigan University. The interior redesign included 19 administrative offices, 10 class rooms, two computer rooms, and a student lounge. (2005)

McDonald's Corporation, Architectural Design Services for McDonald's on Memorial Drive, Atlanta, Georgia; Project Architect. TYLI managed and designed a "Four Wall Rebuild" and add an indoor play place for an existing 30+ year old restaurant. The existing restaurant is located on a very steep parcel of land (7 feet of fall in 100 feet) with access to both the front and rear of the site. Due to restrictions which made full demolition difficult, McDonald' chose to completely remodel it. The existing structure was re-done, converting the existing stucco façade and mansard roof-style structure into a brick veneer structure with a modified roof line. An addition resulted in an enlarged structure housing additional dining and turning a liability into an asset by working with the existing topography to create a unique split-level play place. The addition not only becomes a tall attention grabbing feature from the street, but it reduces the potential construction cost by eliminating the need for fill. The entire building was gutted, except for the structural frame roof structure and most exterior walls, and a completely new interior was laid out and fitted with state-of-the art amenities such as flat screen televisions and Wi-Fi connections. The site design included extensive work to make the site ADA accessible for parking, ramps, and sidewalks. Significant landscaping and stormwater work was also done. Andrew's responsibilities included coordination the entire project requirements and scope with the engineers, equipment suppliers, Franchisee and McDonald's Corporation. (2005)

TYLININTERNATIONAL

YEARS OF EXPERIENCE

23

REGISTRATIONS

Georgia #10678, 2002
Maryland #12747, 2001
Alabama #6281, 2007
Hawaii #14700, 2011
North Carolina #10425, 2006
South Carolina #7334, 2006
Tennessee #104369, 2011
Illinois #1019923, 2007
Kentucky #6437, 2008
Virginia #14474
Wisconsin #11055-005

EDUCATION

Bachelor of Architecture,
Howard University, 1991
Diploma in Architectural
Technology, College of Arts,
Science & Technology, 1985,
Jamaica

AFFILIATIONS

American Institute of Architects

Grady Health System, Grady Hospital Steam Cleaning Facility Rehabilitation, Atlanta, Georgia; Project Architect.

A steam cleaning facility deep in the heart of this major hospital was not exhausting properly and was suffering from water and impact damage. There were also access problems which led to damage of the doorway while bringing equipment in and out. TYLI rehabilitated the space and determined what caused the exhaust problem. Andrew managed the field survey, redesign and construction documents for this job. He researched and selected materials and finishes which were more appropriate for the extreme exposures in the area, yet were aesthetically pleasing. To deal with the H.V.A.C. issue, TYLI consulted with an MEP engineer who had broad experience with Grady's complex mechanical system. The cause of the exhaust problem was quickly determined and the client was given options and pricing for the remediation. (2009)

McDonald's Corporation, Architectural Design Services on Ashford Dunwoody Road, Atlanta, Georgia; Project Architect.

The restaurant was located on a small parcel of land formerly occupied by a bank at this busiest of major intersections directly across from Perimeter Mall. The site required special architectural treatments due to its location in the Perimeter Overlay District. Andrew developed architectural and structural drawings revising the new prototypical McDonald's building to feature a stone and brick facade and an enclosed eating terrace. A new side-by-side drive-thru ordering configuration was designed to enhance the operational needs of the facility. Andrew met with the Neighborhood Design Review Board and coordinated all work between TYLI, the engineers, and the equipment suppliers. He also supervised production of all permits and construction documents. Andrew was responsible for the coordination of a new free standing McDonald's restaurant.

McDonald's Corporation, Architectural and Site Design Services, Villa Rica, Georgia; Project Architect.

Designed a new façade and interior treatments for an existing interstate store. The building is unique and captures a Spanish-style architecture. TYLI redesigned a new tower and brick façade treatment. The existing restrooms and dining facilities were redesigned and brought to ADA compliance. The handicapped parking, aisles, and sidewalks were also designed and brought to ADA compliance. (2005)

INDIVIDUAL PREVIOUS EXPERIENCE

Sea Castles Resort Hotel, Montego Bay, Jamaica; Project Architect.

An existing hotel was taken over by new management, who wanted to give it a more family oriented program. Andrew was charged with programming, designing and performing contract administration for the renovation work. The upgrades involved expanding the capacities of the kitchens and dining facilities by over 100% and converting one underutilized wing of

the main building into a children's activity center. This project was fast tracked and completed in three months. Work was carried out while the hotel remained open and fully functional. (1996)

Fort Worth Public Health Building, Forth Worth, Texas; Lead Designer. The Public Health Building houses divisions of the Fort Worth Public Health Department in one centrally located facility. The building includes offices, meeting rooms, kitchen, and a fitness center. Two local artists were commissioned to integrate culturally and historically relevant art pieces into the building and its environs. Andrew supervised all construction document production and work out all construction details and coordinated all aspects of this new building is included in the first phase of redevelopment for the Evans and Rosedale Cultural and Business District. (2005)

Abraham Baldwin Agricultural College, Agricultural Sciences Building, Tifton, Georgia; Project Architect.

The building sat on a gradually sloping five-acre parcel on the northern edge of the college campus. The building program called for a new signature building to become a campus showcase and thereby affect the ever-increasing enrollment in the college's agricultural curriculum. Andrew's design provided a focal point that terminates the north/south axis of a new pedestrian mall, which is central to the campus expansion. The interior and exterior spaces of the building were designed to foster academic and social interaction among faculty and students. Great significance was placed on including features that would accommodate future growth, facilitate advancements in research and teaching methods, allow for easy access to building systems, and provide materials that are easy to maintain. Andrew presented drawings for approval and worked out all construction details in collaboration with the design team. (2000-2003)

Big Bethel Church, Atlanta, Georgia; Project Designer. This church-sponsored independent living facility is located on a 5-acre site in southwest Atlanta. The building accommodates 132 residential units, as well as a dining room, commercial kitchen, library, multi-purpose spaces, and recreational areas. (2002)

St. Paul AME Church, Macon, Georgia; Project Manager. The project consisted of a 45,000-square foot single story building contemporarily designed with brick, glass, and stacked stone extension finishes. The structure houses a 530-seat fellowship hall with a commercial kitchen, and a 650-seat auditorium, which served as a temporary sanctuary until the permanent one was built in Phase II. The building also features a library and administrative offices. Andrew was responsible for Phase IA of this sprawling and phased church campus, final design and the full exterior finish package. (2003)

ADAM C. MCWILLIAMS

ADA SPECIALIST

Mr. McWilliams has nine years of experience in architectural design. He is primarily responsible for working on and coordinating commercial designs and Americans with Disability Act (ADA) compliance projects.

Various Quick Service Restaurants, Architectural and Site Design Services, Various ADA Certifications; Various locations across Southeast U.S.; ADA Specialist. For various locations in the Southeast, Adam visited numerous sites and generated compliance reports on the existing conditions of the buildings in order to keep their restaurants up to ADA standards. He then coordinated with the individual contractor's for each location to devise a solution for keeping each building up-to-date with each state's standards. (On-going)

McDonald's Corporation, McDonald's Continuing Services Contract, Southeast U.S.; Design Consultant of Record. Services have included accessibility renovations and renovations in support of new corporate initiatives. TYLI's responsibilities include architectural design, code reviews, MEP engineering, obtaining all necessary approvals, coordinating between the owner and contractors, project construction management, and performing ADA accessibility studies for dozens of new restaurant/restaurant rehabilitations each year. In addition our team has provided full architectural and engineering design services for many replacement restaurants. (On-going)

Kwajalein Range Services, Executive Mess Hall Rehabilitation, Marshall Islands; Project Manager. Architectural design and coordination to rehabilitate and replace a condemned structure to accommodate an executive mess hall. Adam worked with the design review board and attended all meetings on the island to serve as a liaison between the firm's architectural department and Kwajalein Range Services. He worked to achieve a structure that could withstand the harsh Pacific climate and atmosphere while maintaining an aesthetically pleasing design while accommodating up to 600 guests. (2014)

McDonald's Corporation, Architectural Design Services for McDonald's Major Remodel Program, Various locations across Southeast U.S.; Project Manager. Design, coordination, and permitting of the major remodel program for various McDonald's restaurants. The program involves all aspects of the building and site to incorporate the new McDonald's image. Adam leads a team of over 14 to coordinate field surveys, construction drawings, and permitting for all locations, which will be completed by 2015. Adam also served as Construction/Project Manager for three major McDonald's remodels in the Cities of Auburn and Opelika, Alabama, one in Lilburn, GA and one in North Augusta, SC. He oversaw these remodels from conception to completion which involved costs, design, variances and construction schedules. (On-going)

Arby's Corporation, Architectural Design Services for Arby's Inspire Remodels, Various locations across Southeast U.S.; Project Manager. Design, coordination, and permitting of the Inspire remodel program for various Arby's restaurants. The program involves all aspects of the building to incorporate the new Arby's image. Adam leads a team to coordinate field surveys, construction drawings, and permitting for all locations, which will be completed in 2015. (On-going)

The Saigon Group, Architectural Design Services, Atlanta, Lawrenceville, and Buford, Georgia; Project Manager. Architectural design of two new Saigon Café locations and to expand the capacity of an existing location. Adam worked with the owner to create a new courtyard concept that is being incorporated into all the new locations.

McDonald's Corporation, Architectural Design Services for McDonald's Combined Beverage Business, Various locations across Southeast U.S.; Project Manager. Design, coordination, and permitting of over 500 new "McCafe" areas being integrated into McDonald's restaurants across the Southeast. The "McCafe" centers provide specialty beverages such as espresso, smoothies, and cappuccinos. Adam leads a team of over 14 to coordinate field surveys, construction drawings, and permitting for all 500 locations, which will be completed by late spring of 2009. He is also the main point-of-contact with Bovis Lend Lease, the construction management company also working on this massive effort. (2007-2009)

McDonald's Corporation, Architectural and Site Design Services, 50 New Orleans Road, Hilton Head, South Carolina; Intern Architect. Designed architectural renderings and architectural drawings in flood REO development of a new "Low-Country" McDonald's restaurant. Adam worked with the design review board and attended all meetings with the Town of Hilton Head to serve as a liaison between the firm's architectural department and Hilton Head.

TYLIN INTERNATIONAL

YEARS OF EXPERIENCE

9

EDUCATION

Bachelor of Architecture,
Syracuse University, 2005

AFFILIATIONS

NCARB Intern Development
Program

Popeye's Corporation, Popeye's Restaurant, Jimmy Carter Boulevard, Atlanta, Georgia; Intern Architect. Converted an existing fast-food building into a New Orleans-inspired Popeye's Restaurant. Adam coordinated all design for the building with the Popeye's team. He also created architectural drawings to aid in the development of the project. The final design captured the look and feel of a New Orleans courtyard, a unique change from the existing Popeye's store design. (2005)

McDonald's Corporation, Architectural and Site Design Services, 230 Spring Street, Charleston, South Carolina; Intern Architect. Designed architectural renderings and architectural drawings for the new McDonald's Restaurant built in historic Charleston. Adam successfully coordinated all Flood REO, 30 MEI and submittal packages transmitted for the completion of this project. (2005)

McDonald's Corporation, Architectural and Site Design Services, Parris Island Gateway at Midtown Drive, Beaufort, South Carolina; Intern Architect. In the development of the new "Low-Country" building in Beaufort, Adam created the architectural drawings and renderings. He carried out the transmission of all submittal packages in order to reach project completion in a timely fashion. (2006)

McDonald's Corporation, Architectural and Site Design Services, Hartsfield Jackson International Airport at Terminal E, Atlanta, Georgia; Intern Architect. Created the architectural renderings and architectural drawings for the McDonald's Restaurant located within Terminal E. Adam coordinated with airport agencies to create a prominent McDonald's image in Atlanta's busy international terminal. (2005)

COLIN HENDERSON

ENVIRONMENTAL ANALYSIS

Mr. Henderson has 25 years of experience in environmental impact assessment, wetland delineation, biological monitoring, and emergency response, and remediation. His work encompasses project management, preparation of contamination assessment and remediation reports, biological monitoring, audit compliance, and emergency spill response. He experienced in construction oversight and coordinating with regulatory agencies and is proficient at obtaining environmental permits for mitigation and construction projects.

Some of the projects for which Mr. Henderson has conducted professional services include:

Design and Permitting - Florida Keys Overseas Heritage Trail, Department of Environmental Protection, Florida Keys, Florida.

Mr. Henderson managed the civil design and environmental permitting/coordination for the Florida Keys Overseas Heritage Trail. This bicycle/pedestrian path runs the length of the Florida Keys, adjacent to US 1, from Key Largo to Key West and includes coordination with the FDEP, FDOT, USACE, US Navy and SFWMD. The project was constrained by mangrove wetlands and the existing roadway; therefore, due to the narrow available corridor, extensive coordination is required to minimize wetland impacts while meeting FDOT requirements.

PD&E Study for Lower Matecumbe Key Intersection Improvement in Monroe County.

Mr. Henderson served as project environmental scientist for this project that addresses the operational and safety concerns of turn lanes and intersections while maintaining consistency throughout the Florida Keys. The firm is responsible for identifying and evaluating properties for contamination potential.

Key West Harbor Dredging, US Army Corps of Engineers - Monroe County, Florida.

Project manager responsible for the supervision of environmental coordination, seagrass identification, dredge quantity survey certification and landside engineering support for this \$36.4 M dredging project which includes the movement of approximately 819,000 cubic yards of material. The project will have two disposal areas: an approved ocean disposal area 16 nautical miles south of Key West and a 37-acre upland site on Fleming Key.

FDOT District 6: Mitigation Monitoring: US-1 Improvements (between Florida City and Key Largo), Florida.

Project manager responsible for the data collection and interpretation, and preparation of mitigation monitoring reports for 4 wetland mitigation sites totaling 385 acres of which 250 acres are in the Crocodile Lakes National Wildlife Refuge. Restoration and enhancement involved spoil removal and canal backfilling in mangrove and sawgrass marsh habitats bordering Biscayne Bay and Everglades National Parks.

Dinner Key Marina, City of Miami, Florida.

Mr. Henderson was responsible for the design oversight and environmental resource permitting for the proposed fuel dock. Design included an upland fuel farm and 40' x 60' concrete dock. The agencies involved included federal dredge & fill permit for construction activities (USACE), an environmental resources permit and authorization to use sovereign submerged lands (FDEP), and a Class 1 permit for coastal construction (DERM).

FEMA Pre-Disaster Mitigation (PDM) Grant Program/Hurricane Mitigation Grant Program (HMGP) Grant Applications – 2008, City of Miami, Florida.

Providing all project management and engineering services to gather and collect the necessary information to complete and submit the PDM applications through FEMA's Electronic Grants Management System (eGrants). Successfully prepared and obtained grant funds for 5 storm sewer projects for the City of Miami. Currently assisting the City of Miami Department of Capital Improvements Program in submitting grant applications for municipal storm sewer projects located within the City, specifically in the following areas: Englewood, Kinloch, Northwest, Glenroyal, San Marco Island.

Design/Build Seawalls: Keystone Point Community - City of North Miami, Florida.

Responsible for the permitting of new seawalls at 22 locations within the Keystone Point Community. Environmental permits were obtained through DERM, ACOE, and FDEP to preserve wetland habitat and water quality in the surrounding areas during construction.

TYLIN INTERNATIONAL

YEARS OF EXPERIENCE

25

EDUCATION

MS, Environmental Engineering, Florida International University, 2000

BS, Wildlife and Fisheries Biology, University of California, Davis, 1986

CERTIFICATION

NAUI – Open Water Diver

REGISTRATIONS

OSHA Hazardous Materials Site Safety Supervisor

OSHA Hazardous Materials Emergency Responder

DOT HM-181 Hazardous Materials Handling

FDOT Water Quality Impact Evaluation

FDOT Traffic Noise Analysis

Member: National Association of Environmental Professionals

Berman Park Preserve Mitigation Area: Town of Davie, Florida. Managing the environmental permitting/coordination for this 33.7-acre Berman Park Preserve, which was used by a developer to perform off-site mitigation activities for unavoidable wetland impacts. After five years of successful monitoring and maintenance the site is to be turned over to the Town of Davie to maintain in perpetuity. Activities involve review of historic information (mitigation monitoring reports, permits, Town files), site visits, preparation of report of findings and recommendations, regulatory agencies and developer’s representatives, and review of proposal to bring the mitigation site into compliance with permit conditions.

Park View Island Shoreline Restoration, City of Miami Beach, Florida. Project Manager for the Park View Island Shoreline Restoration Project which will restore and enhance the shoreline along the Park View Island Canal from 73rd Street to 77th Street in Miami Beach. Seawalls and natural shorelines in this area have experienced extensive deterioration and erosion over the years. Restoration of this area will enable the placement of a proposed bike path providing linkage for pedestrians and bicyclists between 71st street and the Biscayne Point Neighborhood as well as one of the only mangrove ecosystems in North Beach. The services to be provided include a Conceptual Design and Environmental Resource Survey.

PD&E Study: SR-5 / Brickell Avenue (from South of SE 25th Rd to SE 4th St) in Miami-Dade County. Mr. Henderson provided the environmental impact services including GIS analysis, contamination assessments, wetlands delineation, and wildlife surveys associated with the planning and preliminary engineering study for a 3R project proposed on 1.7 miles of an existing four-lane divided highway on SR-5.

Environmental Review – Port of Miami Tunnel – Miami, Florida. As part of a technical advisor team supporting the Florida Department of Transportation, Mr. Henderson served as Senior Environmental Scientist responsible for environmental review, permitting and environmental compliance of the project. The Tunnel project would link the Port of Miami with the adjacent Interstate system, thereby improving the passenger and cargo movement to and from the Port.

Russell Moore, ASLA, APA, (AICP, RLA)

Urban Planning, Urban Design and Landscape Architecture

Russell Moore is a practicing planner and landscape architect with over 35 years experience in the public and private sectors. He has been the owner and founding partner in 2 major planning and design consultancies in the US: DSW Inc. in Denver Colorado and the RMPK Group in Sarasota Florida. He has been instrumental in the marketing and business development aspects of the profession as well as project principal for a multitude of high-profile commissions throughout the US, Mexico, Bahamas, Caribbean, and the Middle East. Over the years, Russell successfully managed over 50 million dollars worth of planning and design projects. The spectrum of his project experience is wide and diverse. Planning projects have included the following: Comprehensive Plans, Redevelopment Plans, Transit-Oriented Development Corridor Plans, Form-based Codes, Eco-heritage Plans, Parks and Open Space System Master Plans, Large Scale Resort and Golf Course Communities, and Urban mixed-use In-fill Master Plans. Design projects have included the following: Urban Waterfront Parks, Urban Streetscapes, Town Squares, Ski Areas, Botanical Gardens, Arboretums, Sports Complexes, Heritage Museums, and Land Development Amenity Areas.

Mr. Moore's training in context-based planning and design has ingrained a rigorous analysis approach to attain an in-depth understanding of the cultural and environmental factors affecting each project. His context-based approach has led to highly imaginative and appropriate planning and design solutions for complex urban and natural conditions. Mr. Moore regularly speaks and teaches at professional seminars and conferences around the country. His current professional focus has been the planning for sustainable communities and the development of form-based redevelopment urban design codes for transit oriented development corridors.



Profile

Education:

Bachelor of Environmental Design, School of Architecture, University of Colorado, Boulder, Colorado, 1974

Master of Landscape Architecture and Regional Planning, University of Pennsylvania, Philadelphia, Pennsylvania, 1979

Experience:

January 1 2010 – to present

CalleVerde, Owner / Principal

May 2007 - 2009

IBI Group Inc., Sarasota, FL, Director of Urban Design and Planning

1999 - 2007

The RMPK Group, Inc., Sarasota, Florida, Owner / Principal

1992 - 1999

DSW, Sarasota, FL, Owner / Principal

1980 - 1990

DSW, Denver, Colorado, Owner / Principal

Registration

- **Landscape Architect, Florida: #LA0001441**
- **Landscape Architect, New Mexico: #97**

Affiliations

- **American Society of Landscape Architects**
- **American Planning Association**
- **Florida Recreation & Parks Association**
- **Florida Redevelopment Association, Board Member**
- **Sarasota County Natural Resources and Parks Advisory Board**
- **National Main Street Advisory Board**
- **Governor's Regional Greenways Council**
- **Florida Trust for Historic Preservation**
- **Bradenton Beach Scenic Highway Board**
- **Crowley Nature Center Board**
- **Board of Trustees - T.R.E.E. Institute**



Representative Experience

Regional Planning

- Lake Wales FL Comprehensive Plan
- Boca Grande FL Comprehensive Plan
- Daytona Beach FL Comprehensive Plan
- Estes Park Co Comprehensive Plan
- Bay County FL Comprehensive Plan
- Green River Wy Comprehensive Plan
- Punta Gorda FL Comprehensive Plan
- Broward County FL Heritage Tourism Plan
- Sarasota FL Vision Plan
- Port St. Joe FL Regional Plan
- Pinetop-Lakeside Az Regional Plan

Urban Planning

- Riyadh, Saudi Arabia Corridors TOD Plan
- Sarasota FL Urban Master Plan
- Boynton Beach FL Urban Plan
- Lynn Haven FL Urban Plan
- Cape Coral FL Urban Plan

- Palmetto FL Town Plan
- Moore Haven FL Redevelopment Plan
- Thomasville Ga Town Plan
- Turlock Ca Town Plan
- Sacramento Ca Town Plan
- Billings Mt Urban Design Plan
- Green River Wy Urban Plan
- Estes Park Co Town Plan
- Golden Co Town Plan
- Castle Rock Co Town Plan
- Salida Co Town Plan
- Gunnison Co Town Plan
- Pueblo Co Heritage Corridor Plan
- Grand Rapids Mi Town Vision Plan
- Margate FL Urban Plan
- Lauderdale Lakes FL Urban Plan
- St. Petersburg FL Urban Plan
- Stuart FL Urban Plan
- Ormond Beach FL Town Plan
- Cocoa FL City Plan
- Naples FL Redevelopment Plan
- Boca-Raton FL Visual Preference Survey
- Dade City FL Town Plan
- Tallahassee FL Urban Plan
- Rockledge FL Town Center Plan
- Columbia SC Broad River Corridor Plan

Form-Based Codes

- Boynton Beach Urban Code
- Lynn Haven Urban Code
- Cape Coral Urban Code
- Lauderdale Lakes town Center Code
- Daytona Beach Urban Code
- Callaway Urban Code Guidelines
- Ormond Urban Guidelines
- Lauderdale Lakes TOD Code

Land Development Planning / Design

- Ashley Farms – Fredricksburg, Va.
- Palmer’s Creek – Fredricksburg, Va.
- Flint River Boardwalk – Huntsville, Al.
- Custard Cove on Lake Okeechobee, Fl.
- Swan Mountain – Breckenridge, Co.
- Tropica Sands – Jaco, Costa Rica
- Hunter’s Hollow – Chapel Hill, NC.
- The Oaks Preserve - Sarasota, Fl.
- Marina Bay – Antiqua, W.I.
- Playacar, Quintana Roo Mx.
- Tangerine Bay – Longboat Key, Fl.
- Monterry – Jaco, Costa Rica
- Ocean Ranch – Jaco, Costa Rica
- Bachelors Gulch – Vail, Colorado
- Clear Creek Estates – Denver , Colorado
- Kona Kai Resort – Key Largo, Florida

Eco-Tourism & Heritage Planning

- Florida Keys Scenic Highway Interpretive Master Plan
- Pinellas County Heritage Village Master Plan
- Pasco County Heritage
- Torry Island Master Plan, Belle Glade
- Broward County Heritage Tourism Plan
- Hollywood Beach Ecotourism Plan
- Key Largo Eco-Tourism Plan
- Loxahatchee River Protection Guidelines
- Key West Botanical Gardens Master Plan
- Barefoot Mailman Interpretive Park

Urban Design & Streetscapes

- Trenton Streetscape
- Tamarac Streetscape
- Boynton Beach Streetscape

- Eatonville Streetscape
- Brooksville Streetscape
- Tallahassee Downtown Pedestrian Connectivity Plan
- Port St/ Lucie Riverwalk
- State Road 7 Corridor Plan
- Coconut Creek Parkway Corridor Plan
- Tarpon Springs Urban Design Plan
- Margate Urban Design Guidelines
- Ormond Beach Corridor Plan
- Sumter Road Streetscape
- Daniels Parkway Streetscape
- Titusville Waterfront
- Sarasota Bayfront Park
- Sarasota Streetscape
- Greenacres Streetscape
- Cape Coral Streetscape
- Live Oak Streetscape
- Cocoa Waterfront Park
- Lake Wales Streetscape
- Port St. Joe Waterfront Plan
- Ft. Walton Beach City-wide Plan
- Dade City Redevelopment Plan
- Stuart Redevelopment Plan
- Merritt Park Place Streetscape
- Ormond Beach Streetscape
- State Road 520 Streetscape
- Hollywood Beach Broad-walk Park
- Daytona Beach Riverfront Master Plan
- Riyadh Corridors TOD Plan

Parks, Recreation, and Preserve Design

- Jonesville Park
- Royal Palm Beach Village Park
- Cultural Arts Park
- Barefoot Mailman/ Hypoluxo Scrub Park

- Charnow Park Beach Access
- Pithlatchascotee River Greenway
- New Port Richey Swim Center
- New Port Richey Community Center
- Wilson Water Park
- Boynton Beach Community Center
- Veterans Park
- James E. Grey Preserve
- Davie Linear Park
- Rock Island Greenway Master Plan
- Quick Point Park
- Spring Lake Park
- Englewood Beach Park
- Flagler Ave Beachfront Promenade
- Sarasota Bayfront Master Plan
- Greenacres Park
- Sylvan Park
- Colonial Oaks Park
- Woodmere Park Design
- Carter Road Park Design
- Bay Street Park
- Stuart Park
- Broad Street Park
- Vineyards Park
- Carmalita Park
- Sims Park
- Moore Haven Park
- Boulder Reservoir Master Plan
- Polk County Regional Park Master Plan
- Gillespie Neighborhood Park

- Community College Park
- Kingdom Park
- Estes Park Riverfront Park
- Lower Boulder Creek Master Plan
- Castaway Island Park
- University of Florida Sports Complex
- University of Florida Soccer Center
- Fort Pierce Veterans Park
- Lincoln Avenue Community Park
- Village Commons Park

Parks, Recreation & Open Space System Master Plans

- Groveland Parks, Recreation, Open Space Master Plan
- North Miami Parks and Recreation Master Plan
- Lakeland Parks/ Open Space Master Plan
- Bonita Springs Parks/Open Space Master Plan
- Sarasota Parks and Connectivity Master Plan
- Mount Dora Parks/ Open Space Master Plan
- Key Largo Parks/ Open Space Master Plan
- New Port Richey Parks/ Open Space Master Plan
- Daytona Beach Parks/ Open Space Master Plan
- Lafayette Parks/ Open Space Master Plan
- Thornton Parks/ Open Space Master Plan
- Westminster Parks/ Open Space Master Plan
- Green River Parks/ Open Space Master Plan

Awards

- Boulder Reservoir Master Plan, Estes Park Urban Design – National Award of Merit, American Society of Landscape Architects
- Historic Pueblo Downtown Revitalization Plan – National Award of Merit, American Society of Landscape Architects
- Civic Center Master Plan – Denver Urban Design Award

- Boulder Urban Bikeways Plan – Boulder Bikeway Competition Merit Award
- Dade City Redevelopment Plan – Florida Redevelopment Association Merit Award
- Cape Coral Streetscape – Florida Redevelopment Association Honor Awards
- Cocoa Waterfront Park – Florida Redevelopment Association Honor Awards
- Florida Keys Scenic Highway Interpretive Plan – Florida Planning Association
- Daytona Beach Riverfront Master Plan – Florida Planning Association
- Child’s Park Community Plan – Florida Planning Association

Publications

- Broward County Cultural Heritage Plan
- Key Largo Eco-Tourism Plan Corridor Redevelopment Guidelines
- Estes Park Riverfront Master Plan
- Evans Ranch Siting Study
- Green River Open Space Plan
- Adam’s Rib Environmental Assessment
- Colorado Department of Highways Erosion Control Manual
- Stream Relocation and Fish Habitat Reconstruction Plan
- Boulder Reservoir Master Plan
- Loxahatchee River Protecting Guidelines
- Boynton Beach Form Based Urban Design Code
- Tallahassee Pedestrian Connectivity Plan
- Florida Keys Scenic highway Interpretive Master Plan
- Lauderdale Lakes Form-based Code – TND and TOD

Teaching/ Public Speaking

- Florida Redevelopment Association
- Florida Recreation and Parks Association
- Georgia Recreation and Parks Association
- National Parks and Recreation Association
- Department of Environmental Protection
- University of Florida Regional Planning Department
- National Pedestrian Conference; Wash. DC
- Arts in Public Spaces Univ. of Florida
- Florida Main Street
- National Scenic By-ways

Memberships

- Florida Recreation and Parks Association
- National Recreation and Park Association
- Florida Institute of Parks Personnel
- Certified, Registered Professional - Florida Recreation and Parks
- Certified, Registered Professional - South Carolina Recreation and Parks Society
- United States Golf Course Superintendent Association

Representative Experience

City of Belle Glade, FL – Independent Contractor – Provided technical service in the operation of the public marina and golf course.

Pete Jeffrey & Associates Play World Systems – Boynton Beach, FL – Sales Representative – Manufacturer Representative and sales to parks, recreation departments, schools, day care facilities and private HMOs in Southeast and Southwest Florida. Sales achievements of over \$900,000 in 1999.

City of Greenacres, FL – Director of Leisure Services – Established department goals and objectives for the Department with the following achievements:

- Procedures Manual for recreation and parks maintenance
- Man-hour study for park maintenance efficiency
- Special Events Program for all ages
- Designed new park area with resource funding in conjunction with public education system
- Planned and designed new Community Center
- Installation of line item budget for Parks and Recreation Department
- Expanded recreational services
- Initiated Community Education co-operation program
- Developed and designed joint-use park
- Developed in-service work release program and parks ten-hour workday program

Charleston County Parks & Recreation Commission – Charleston, South Carolina – Director of Recreation – As Director of the Commission, the following achievements were realized:

- Management of the operations of 3 resource-based parks with over 370,000 visitors per year
- Development Standard Uniform Concept

- Special Events Program and Community Education Program with no funding
- New management concepts put into place and launch of extensive fundraising
- Initiated Community Education Program
- Member of Special Task Force to pick firms to develop 2 new resource parks

City of Delray Beach, FL – Director of Parks and Recreation – As Director of the Department, the following achievements were realized:

- Management of operations and upkeep/ appearance of 23 parks with 140 employees
- Developed Florida’s fastest growing soccer program
- Designed and developed athletic facility at a savings of \$400,000 to Delray Beach taxpayers
- Initiated extensive recreational program serving youth and senior citizens
- Established Bucky Dent Baseball contract for world famous baseball school
- Developed and organized South Pompey Park, which was built with Community Development funds
- Established and coordinated 6 new parks to serve Delray Beach
- Established a family rapport with the community in developing programs
- Initiated special events programs for benefit of citizens
- Gained major expertise in the field of agronomy

Palm Beach County Board of Education – West Palm Beach, FL – Director, Community School at Delray Beach – As Director of the School, the following achievements were realized:

- Developed and initiated the original Community School Day Camp on a low cost basis program developed from a zero base to in excess of 8,000 participants per month
- Developed/ initiated extensive program to encourage Delray Beach citizens to utilize public school system
- Initiated a “back to school” program to encourage the completion of a high school education

Awards

- Palm Beach County Schools for Contribution to Community Education and Outstanding Athletic Contributions
- Delray Beach Soccer League
- Florida Recreation & Parks, Outstanding Program Achievement

CALLEVERDE

Daniel L. Winters

Recreation Consultant

As a Recreation Consultant with extensive parks and recreation experience, Mr. Winters introduces Calle Verde to Municipal authorities, County Parks and Recreation Departments and Downtown Development Authorities throughout Florida and Georgia. Mr. Winters is a Certified Professional Parks & Recreation Administrator and knowledgeable of intergovernmental processes and grant writing. His experience includes many impressive achievements in the parks and recreation field. Through his 30+ year career in southeast and southwest Florida, he has developed an extensive database of contacts in the public sector.

Profile

Education:

B.S. (Health, Physical Education and Recreation), Wittenberg University, Springfield, OH
Executive Program for Recreation and Park Professionals, University of Georgia, Athens, GA
Course Work, Mott Institute of Community Education, Flint, MI

Experience:

2010–Present

Calle Verde/IBI Group (Florida) Inc., Pompano Beach, FL, Affiliate

2007–2010

IBI Group Inc., Pompano Beach, FL, Senior Parks Consultant

2003–2007

The RMPK Group, Inc., Wellington, FL, Senior Parks Consultant

2001–2003

City of Belle Glade, FL, Independent Contractor

1996–2001

Pete Jeffrey & Associates, Play World Systems, Boynton Beach, FL

1987–1996

City of Greenacres, Florida, Greenacres, FL, Director of Leisure Services

CalleVerde inc.

Peter F. Keenan Landscape Architect · Certified Arborist · LEED® AP

EDUCATION

CORNELL UNIVERSITY, Ithaca, New York
Bachelor of Science, Specialization in Landscape Architecture

PROFESSIONAL REGISTRATIONS

- Registered Landscape Architect - Florida License No. LA 0001755, California License No. LA 4618
- Certified Arborist - ISA Certification No. FL-5386A
- Real Estate Sales Associate - Florida, SL3124281
- LEED Accredited Professional – U.S. Green Building Council

PROFESSIONAL ORGANIZATIONS

- American Society of Landscape Architects, Florida Chapter, Tampa Bay Section
- International Society of Arboriculture
- Chairman, City of Bradenton Tree and Land Preservation Board
- Member, City of Bradenton Planning Commission

REPRESENTATIVE PROJECT EXPERIENCE

Streetscape / Urban Design

Tampa General Hospital Esplanade, Tampa - Prepared plans for channel-side esplanade and City park associated with parking garage expansion. Included thematic hardscape, lighting, landscaping, shelters and site amenities.

Bradenton Riverfront Promenade, City of Bradenton - Developed concept plans for the City for redevelopment of this public esplanade along the Manatee River in anticipation of the adjacent private development.

Gulf Drive Streetscape, City of Bradenton Beach - Stimulus funded FDOT project requiring tight time schedule. Served as landscape architect and provided bidding/construction documentation for this coastal streetscape enhancement project including dune walkovers, trolley shelters, native plantings, decorative pavement and site amenities.

Indian Street Bridge, Palm City - Served as Landscape Architect on this \$80 million FDOT Design-Build project that included 2 miles of streetscape, adjacent linear park and river walk. Coordinated with adjacent CRA for theme and design.

Cocoa Village Park/Indian River Park, City of Cocoa - Served as project manager on both phases of this waterfront park project adjacent to the historic downtown. Phase One includes boat docks, boat ramp, shelters over the Indian River, and associated boardwalks. Phase Two is a five-acre urban park with an outdoor performance pavilion, trellis covered walkways, a waterfront esplanade, picnic shelters, boardwalks and an interactive children's fountain. Formal grassed open areas were developed to stage public events. Extensive use of decorative paving, lighting, and site furniture were included to ensure a pedestrian-scaled project.

Flagler Avenue Beachfront Promenade, City of New Smyrna Beach - Project Manager. Beachfront park includes plaza with beach access, trellised promenade and covered shelter.

Ed Smith Stadium Renovation, Baltimore Orioles - Provided design services and construction documents for this Sarasota baseball complex consisting of the stadium, clubhouse and practice fields. Responsible for coordination of all site/sport field design including hardscape, landscape, lighting, site amenities and gold LEED certification. Fast tracked, brownfield project that required approvals from State, County and City authorities.

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State Road 64 Beautification Project, City of Bradenton/Manatee County - Provided landscape architectural design services and construction documents for three miles of FDOT roadway beautification along this rapidly developing gateway corridor. Project required coordination and approvals from various City, County and State agencies as well as strict schedules for award and implementation of this grant-based project. Honored with State awards for innovative use of native plant material.

Cape Coral Parkway Streetscape, City of Cape Coral - Served as project manager on this streetscape/urban CRA redevelopment project in the downtown core. Design elements included roadway improvements, traffic calming measures, decorative brick sidewalks, thematic lighting, street furniture and extensive landscape improvements. Extensive public workshops were conducted to foster community involvement in this project.

Sarasota Main Street Extension and Streetscape Improvements, City of Sarasota - Served as construction administrator and landscape architect on this streetscape project located in the downtown. Emphasis was placed on “reconnecting” the downtown with the waterfront area. Featured were new plaza spaces for outdoor restaurant seating, art gallery display and casual seating. Other additions included new street trees and landscaping, period lighting, site furniture, and decorative sidewalks.

Sumter Boulevard Roadway Improvements, Phase I-III, City of North Port – Served as Landscape Architect for all three phases of this roadway improvement project. This interstate connector was widened to four lanes from U.S. 41 to I-75 and serves as the primary entryway into the City. Roadway design transitions from meandering rural section roadway near I-75 culminating in urban section roadway downtown. Design of thematic amenities included gateway entry features, recreational trails, street lighting, shelters, bridges, noise walls and landscape elements. Required extensive public workshops to garner community support.

SR 54 Corridor Study/Overlay Zone, Pasco County - Worked with the Tampa Bay Regional Planning Council, Pasco County, FDOT District Seven, and local stakeholders to identify and recommend corridor enhancement alternatives associated with the widening of a nine-mile segment of SR 54. Corridor design recommendations addressed access and internal connectivity, individual site planning, roadway orientated signage, landscaping requirements, architectural requirements, and pedestrian/bicycle improvements. The study was incorporated into the Pasco County Land Development Code.

Howard Street Streetscape, City of Live Oak - Served as project manager on this streetscape redevelopment project in the historic downtown. Worked with the Regional Planning Council to secure grant funding for development and construction. Administered project through bidding and construction.

North Sarasota Library, Sarasota County - LEED Certified Gold project due in large part to site design, tree preservation, native landscape and micro-irrigation components provided as part of landscape architectural services. It was the first building in Sarasota County to achieve LEED status and the second library in the country to achieve Gold level designation. Design coordination allowed for preservation of several grand oak trees which dominate this library site. Involvement included close coordination with construction manager to ensure compliance with LEED requirements.

Gateway Signage, City of Bradenton/Manatee County - Provided signage concepts and construction documents for monument signage to serve as gateway for Bradenton/Manatee region. Worked closely with City and County officials to develop identity feature details and theme.

Parks and Recreation

Observation Tower and Environmental Trail, Historic Spanish Point, Osprey - Developed concepts for an interpretive trail and tower system through this archaeologically significant and diverse coastal ecosystem. Tower design maximizes the views of the bay and barrier islands while being sensitive to its surroundings.

Quick Point Nature Preserve, Town of Longboat Key - Served as project manager for this 35 acre coastal preserve reclamation project. Includes an interpretive boardwalk and path system highlighting island history, habitat identification and functions through a restored tidal basin and native coastal woodland. Worked with Florida Department of Environmental Protection to obtain funding and coordinate installation of project.

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Englewood Beach/Chadwick Park, Charlotte County - Served as Project Manager/Landscape Architect responsible for design development and construction documentation of this beachfront County park. Design amenities included a main community building, dune boardwalk system, picnic shelters, basketball court, horseshoe pit and playground.

Payne Park Skate Park, Sarasota - Served as landscape architect providing design services and construction drawings for a skate park located in Sarasota's Payne Park, a popular destination featuring state-of-the-art tennis courts, a passive recreation area, the Payne Memorial, and shade pavilions. The skate park component is designed to accommodate multi-level users and is the largest public skate park in the region.

Vineyards Community Park, Collier County - Served as construction administrator and landscape architect on this thirty-acre multi-use recreational facility for Collier County. The park features a 10,000 square foot community center, sports center building, a 2,500 square foot large picnic shelter and several smaller picnic shelters throughout the park. Recreational amenities include tennis, basketball, outdoor racquetball, shuffleboard, a play structure, sand volleyball, three lighted soccer fields, and two lighted baseball fields. A four-acre lake with fountains was developed to serve as a focal point for the park. Located adjacent to Interstate 75, the park serves as the gateway to the Vineyards Development.

Woodmere Park, Sarasota County - Served as project manager on this thirty-five acre Sarasota County park that features an 11,000 square foot community center with a gymnasium, classrooms, offices, kitchen and an outdoor amphitheater/plaza. A central pedestrian spine connects the community center with tennis and basketball courts, a playground, and picnic areas. A hardwood swamp that required extensive planning to minimize the negative impacts of active recreational use dominates this site.

Sims Park, City of New Port Richey - Served as project manager on the renovation of this city waterfront park located in the historic downtown. Additions included an outdoor amphitheater structure, formal events lawn, waterfront esplanade, boat docks, park lighting, pedestrian seating areas, and landscape improvements. A gateway structure was designed adjacent to the main thoroughfare to announce entry to the downtown area.

Mercury 7 Memorial Park, City of Titusville - Served as project manager on this first phase of a large waterfront park system for the City. Responsible for producing all drawings from concept to construction and oversaw construction. It was designed as a waterfront garden/amphitheater space with tiered seating oriented to the east across the Indian River. It is a popular place to view shuttle launches from Kennedy Space Center and includes interpretive displays of the history of the space program. Also featured are sheltered boardwalks and boat docks for additional waterfront activity.

Private Development

Milos Residence, Lido Key - Prepared landscape/site plans for private residence currently seeking Platinum LEED certification. It is on track to garner the highest point total for a private residence. Required coordination of all site design and installation to ensure LEED designation.

Towles Court, an Artists' Community, Sarasota - Prepared rezoning, permit and construction plans for redevelopment of migrant housing into a live-work community marketed to artists. Developed plans for common areas and unifying elements and architectural guidelines to secure first live-work redevelopment project within the City limits. It was a controversial project that became the prototype for many others.

Sarasota Herald Tribune, Sarasota - Provided arboriculture/landscape architectural services for the new Sarasota Herald Tribune building on Main Street with the architectural firm Architectonica.

Main Plaza/Hollywood 20 Theater Complex, Sarasota - Provided streetscape and landscape architectural services for the redevelopment of this city block in the downtown.

Newtown Wal*Mart Site Design, Sarasota - Provided arboriculture/landscape architectural services for this brownfield redevelopment project within the Newtown Community Redevelopment Area which included the design of gateway concepts for the adjacent intersection.

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Gulf Harbor Yacht and Country Club, Ft. Myers - Developed thematic design concepts for upscale residential development and amenities including pool complex, spa, ship's store/marina, and country club. Worked with owner's construction manager to ensure proper implementation and selection of materials/vendors.

Tangerine Bay Club, Longboat Key - Developed full design and construction packages for upscale condominium project including pool island and fitness center, trellised rockscape entry feature, overall landscape, boat dock and fishing pier.

Vineyards at Silver Oak, Palmer Ranch, Sarasota - Prepared construction documents for upscale maintenance-free residential development including entry fountains, pool complex, massive buffer plantings with privacy walls, and individual lot landscaping.

CALLEVERDE

Bankim Kalra APA AICP

Architecture

Urban Design

Urban Planning

Transportation Planning

Bankim Kalra comes to CalleVerde with strong background and experience record in Urban Planning and Urban Redevelopment Planning Projects. Bankim is a senior project manager for Calleverde and has managed several award-winning urban waterfront revitalization projects. Bankim's success comes from his talent to manage an efficient GIS production staff and to quickly analyze a project data base and derive strategic planning solutions appropriate to each unique project construct. He has a successful process for public involvement and engagement that ensures consensus building and project approvals.

Expertise:

- Analyze demographic, economic, social, environmental, and physical conditions affecting land use development patterns to prepare neighborhood master plans;
- Develop conceptual graphics and maps for local government clients using Geographic Information Systems (GIS), computer-aided design and drafting (CAD), and other computer graphic programs;
- Manipulate existing GIS databases and developed new datasets to prepare land use and transportation related analysis reports and studies;
- Perform all project tasks from conception to completion of projects including data collection, data analysis, concept development, preparation of supporting graphics, and final report writing;
- Prepare graphics, maps and final plans for presentations to clients and community involvement activities;
- Work with various governmental departments to ensure that the proposed program activities are in compliance with the budget and overall mission;
- Coordinate project efforts including scheduling, team coordination, task management, and client communication.

Profile

Education:

Bachelor of Architecture,
Sushant School of Art and Architecture, Gurgaon, India, 2001

Master of Urban Planning,
University of Michigan, Ann Arbor, 2005

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Experience:

2010 – 2013

Calleverde / IBI Group
Project Manager

2007 - 2010

IBI Group Inc., Orlando, U.S.A
Senior Urban Planner

2005 - 2007

RMPK Group, Sarasota, U.S.A
Urban Planner

2005

Jacobsen Daniels Associates, Ann Arbor, U.S.A, Intern Aviation Planner
2000 - 2002
Auroville's Future, Auroville, India, Urban Planner/ Architect

Registration

American Institute of Certified Planners AICP # 022226

Affiliations

American Planning Association
American Institute of Certified Planners
Urban Land Institute
Congress for New Urbanism
Florida Redevelopment Association

Representative Experience

Urban Planning

- Redevelopment Plan and Urban Design Strategy, Gol Market (2000)– New Delhi, India
- Broad River Corridor Master Plan (2009-present), Central Midlands Council of Governments, South Carolina, U.S.A
- Lauderdale Lakes Redevelopment Master Plan Update (2009)- Lauderdale Lakes CRA, Florida, U.S.A

- Englewood Redevelopment Master Plan (2008), Escambia County, Florida, U.S.A
- Redevelopment Feasibility Analysis (2008), City of Flagler Beach, Florida, U.S.A
- Westside Community Redevelopment Plan (2007) – City of Pensacola, Florida, U.S.A
- Miracle City Mall Redevelopment Master Plan (2007)– City of Titusville, Florida, U.S.A
- Downtown Master Plan (2006) – City of Flagler Beach, Florida, U.S.A
- Downtown Master Plan (2005) – Town of Lantana, Florida, U.S.A
- Westside Neighborhoods Plan (2005) – City of Pensacola, Florida, U.S.A

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- Brownfield Redevelopment Plan (2004)– Genesee County BRA, Michigan, U.S.A
- Master Plan Update (2005)– Detroit Metropolitan Airport, Michigan, U.S.A
- Redevelopment Proposal for the First and William Streets Intersection (2005)– Ann Arbor, Michigan, U.S.A
- Knowledge and Innovation: Envisioning a New Future for Jackson (2004) – Jackson City, Michigan, U.S.A

Urban Design and Urban Codes

- Daytona Beach Land Development Code Update, Urban Design Diagnosis (2009), Daytona Beach, Florida, U.S.A
- Visual Preference Survey, Downtown North Master Plan (2009), City of Panama City, Florida, U.S.A
- Visual Preference Survey, Downtown Master Plan (2009), City of Panama City, Florida, U.S.A
- Downtown Urban Design Guidelines (2006) – City of Flagler Beach, Florida, U.S.A
- Downtown Tavares Urban Design Plan (2008)- City of Tavares, Florida, U.S.A

- U.S. 1 Waterfront Parks and Trails Master Plan (2007) – City of Titusville, Florida, U.S.A
- Downtown Design Guidelines (2006) – Town of Lantana, Florida, U.S.A
- U.S. 1 Corridor Design Guidelines (2006)– City of Titusville, Florida, U.S.A
- A1A Corridor Tourist Commercial Zoning Analysis (2006)- Flagler Beach, Florida, U.S.A

Regional Planning

- Master Plan (2002) – City of Auroville, India
- Immokalee Master Plan Update (2007)– Collier County, Florida, U.S.A
- Honey Creek Watershed Land Use Management Plan (2004) – Ann Arbor, Michigan, U.S.A

Parks, Recreation & Open Space System Master Plans

- Groveland Parks, Recreation, Open Space Master Plan
- North Miami Parks and Recreation Master Plan

Awards

- Florida Redevelopment Association 2009 Best Planning Study Award: Downtown Master Plan, City of Tavares, Florida. (IBI Group and City of Tavares)
- APA Florida 2007 Award of Excellence: U.S. 1 Corridor Master Plan, City of Titusville (IBI Group and City of Titusville)
- APA Florida Suncoast Section 2007 Award of Excellence- Greater Childs Park Strategic Planning Initiative (IBI Group with City of St. Petersburg)
- Michigan APA 2005 Best Student Project of the Year: New Directions for Vehicle City: A Framework for Brownfield Reuse. (Team effort, University of Michigan, Ann Arbor)

Publications

- 101 Indian City Profiles, Asia Urbs Program, City Networking for Sustainable Development and Human Unity, Auroville’s Future, India

James Taylor ASLA, APA, AICP

Landscape Architecture

Urban Design

Urban Planning

Parks Planning

Mr. Taylor is a Certified Urban Planner with over 15 years experience. He is proficient in redevelopment planning, park system and recreation planning, and cultural/ historic resource planning. He has technical expertise with GIS data management, analysis, and mapping and also skilful with all aspects of landscape architectural design and construction document production.

With a skill set including planning, landscape architecture, horticulture, ecology and computer technology, Mr. Taylors' diversity of talents and training make him an important team member of any project assigned to him. His previous work experience as GIS Analyst in the design and development of urban GIS systems for Louisiana parish governments and the U.S. Army Corps of Engineers has proved invaluable in assisting with redevelopment planning projects for Florida communities. His technical ability with spatial data sets and thematic mapping ensures a quality product for our clients.

Expertise:

- Analyze demographic, economic, social, environmental, and physical conditions affecting land use development patterns to prepare neighborhood master plans;
- Develop conceptual graphics and maps for local government clients using Geographic Information Systems (GIS), computer-aided design and drafting (CAD), and other computer graphic programs;
- Manipulate existing GIS databases and developed new datasets to prepare land use and transportation related analysis reports and studies;
- Perform all project tasks from conception to completion of projects including data collection, data analysis, concept development, preparation of supporting graphics, and final report writing;
- Prepare graphics, maps and final plans for presentations to clients and community involvement activities;
- Work with various governmental departments to ensure that the proposed program activities are in compliance with the budget and overall mission;
- Coordinate project efforts including scheduling, team coordination, task management, and client communication; and

Profile

Education:

Master of Landscape Architecture, Louisiana State University, 1996

B.Sc. (Horticulture), Clemson University, 1989

Experience:

2007 - 2010

IBI Group Inc., Sarasota, FL, Senior Planner

2000 - 2007

RMPK Group, Sarasota, FL, Urban Planner/ GIS Analyst/ Landscape Designer

2005

Hardeman Kempton Assoc., Tampa, FL, Landscape Designer

1996 - 1999

Gulf Engineers & Consultants, Baton Rouge, LA, Planner/ GIS Analyst

1992 - 1996

Mid City Redevelopment Alliance, Baton Rouge, LA, Planner/ GIS Analyst

1994

McGee & Assoc., Naples, FL, Landscape Designer

Registration

American Institute of Certified Planners: 02110

Affiliations

American Planning Association

Florida Chapter, APA

American Society of Landscape Architects (Past Member)

Sarasota Audubon

CalleVerde inc.

Computer Skills

ArcGIS, AutoCAD,
Adobe Suite- InDesign, Photoshop, Illustrator,
Microsoft Office Suite

Representative

Experience

Parks, Recreation & Open Space System

Master Plans

- Groveland Parks, Recreation, Open Space Master Plan
- North Miami Parks and Recreation Master Plan
- Lakeland Parks, Recreation, Open Space Master Plan
- Bonita Springs Parks and Recreation Master Plan

Urban Planning

- Recreation and Open Space Plan – Groveland, FL
- Downtown Pedestrian Connectivity Plan – Tallahassee, FL
- Tallahassee Downtown CRA Plan – Tallahassee, FL
- Kissimmee Redevelopment Plan – Kissimmee, FL
- Haines City Redevelopment Plan – Haines City, FL
- Boynton Beach Redevelopment Plan – Boynton Beach, FL
- Rockledge CRA Finding of Necessity – Rockledge, FL
- Newtown Redevelopment Plan – Sarasota, FL
- Downtown and St Andrews CRA Plans – Panama City, FL
- St. Petersburg Midtown Area Strategic Initiative – St. Petersburg, FL

- Daytona Beach Finding of Necessity – Daytona Beach, FL
- Dixieland CRA Redevelopment Plan – Lakeland, FL
- Winter Haven Downtown Redevelopment Plan – Winter Haven, FL
- Florence Villa CRA Redevelopment Plan – Winter Haven, FL
- Lake Worth Redevelopment Plan – Lake Worth, FL
- Lauderdale Lakes Redevelopment Plan – Lauderdale Lakes, FL
- State Road 7 Corridor Analysis – Margate, FL
- Ashley Farms Development – Spotsylvania County, VA
- Downtown Development Action Plan – Tarpon Springs, FL
- Riverfront Development Planning Study – West Baton Rouge Parish, LA
- Strategic Action Plan for Mid City Redevelopment Alliance – Baton Rouge, LA
- FIXUP! Mid City Program Development and Operation – Baton Rouge, LA
- Park Hills Neighborhood Infill Housing Site Plan – Baton Rouge, LA

Cultural Heritage Planning

- Florida Keys Scenic Highway Interpretive Master Plan – Monroe County, FL
- Heritage Village Master Plan – Pinellas County, (Largo) FL
- Broward County Cultural Heritage Plan – Broward County, FL
- Torry Island Nature Center Study – Lake Okeechobee, FL

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- Mississippi West-Bank Riverfront Development Planning Study – Baton Rouge, LA

Landscape Architecture

- Key West Tropical Forest and Botanical Garden – Key West, FL
- Brighthouse Networks Corp. Office Landscape – St. Petersburg, FL
- Ewing Place Townhomes Site & Landscape Plan – Clearwater, FL
- Revealing Truth Ministries Landscape Plan – Brandon, FL
- U.S. 41 and Highway 50 Landscape Plans – Brooksville, FL
- Davie Linear Park Trail, Landscape & Irrigation – Davie, FL

- Gunn Highway Medians – Tampa, FL
- State Road 7 and Atlantic Blvd Landscape and Irrigation Plan – Margate, FL
- Erosion Control and Landscape Plan for LIGO Livingston Observatory – Livingston, LA
- Brays Bayou Floodplain: Recreational Uses for Detention Basins – Houston, TX
- Gulf Coast Research Center – Brandon, FL
- Glazier Residence – Tampa, FL
- Luskis Residence – Tampa, FL
- Parks System Master Plan – North Miami, FL

Awards

- American Planning Association, Florida's Gold Coast Section: Strategic Planning Award, 2007 for the Florida Keys Scenic Highway Interpretive Master Plan. (Award presented to FDOT District 6 who sponsored the study. Mr. Taylor was a member of the consultant team.
- American Planning Association, Florida Section: Daytona Beach Riverfront Masterplan.

EDUCATION

University of Florida,
Bachelor of Landscape Architecture, 1987

REGISTRATIONS

Crime Prevention Through Environmental Design
(CPTED), 2002
LEED® AP BD+C, 2009

AFFILIATIONS

American Society of Landscape Architects
Leadership Orlando, 1993
Community Service Steering Committee
Central Florida Zoological Park Board Member
City of Orlando
Hispanic Business Development Task Force
Naval Training Center Reuse Commission
Economic Development Committee
Citizens Advisory Committee for Parks, Lakes &
the Environment
Consortium for Minority Business Development
Past Executive Board Member
Downtown Orlando Partnership Member
Florida Department of Environmental Protection
Chairman Florida Recreational Trails Council
Florida Greenways and Trails Council Member
Florida Trail Association
Greater Orlando Chamber of Commerce
94' Executive Committee Member, Central Council
Advisory Board Vice Chair of Minority Business
Development
Greenway Coordinating Council Member
Hispanic Chamber of Commerce of Greater Orlando
Past Board of Directors
Chairperson of the Diversity Resource Committee
Mayor Glenda Hood's "Challenge Task Force Plan for
Minority Business Development"
OCPS Leadership Orange, 2013-2014
Orange County
Bikeways Advisory Board, Past Chairman
M/WBE Disparity Study Task Force
Orlando Urban Area Metropolitan Planning
Organization-Bicycle/Pedestrian Advisory
Committee
National Off-Road Bicycle Association
Rails-to-Trails (RTC) Conservancy Member
US Cycling Federation

AWARDS & HONORS/ACADEMIC ACTIVITIES

American Society of Landscape Architects
Educational Award, 1987
Harvard Graduate School of Design
Professional Development Courses

PROFESSIONAL BACKGROUND

With 27 years of experience, Mr. Borrelli has extensive knowledge in landscape design, master planning, site design, contract documents, project administration, professional administration and various other aspects of his profession. Mr. Borrelli has been Principal-in-Charge of Borrelli + Partners, Orlando for the past 25 years.

PROJECT EXPERIENCE

Mr. Borrelli has been responsible for various phases of the following relevant projects:

PARKS/TRAILS/RECREATION:

City of Apopka, FL
Townsend's Plantation Boardwalk
City of Bonita Springs, FL
Bonita Springs Trail Feasibility Study
City of Casselberry, FL
Wirz Trail
City of Dania Beach, FL
Dania Beach Pier Restaurant & Bait Shop
City of Florida City, FL
Hassee Lakeda Trail
City of Fort Lauderdale, FL
South Florida East Coast Corridor
City of Homestead, FL
Mayor Roscoe Warren Municipal Park
City of Inverness, FL
Cooter Pond Park
City of Kissimmee, FL
John Young Parkway Pedestrian Bridge
Shingle Creek Regional Trail, Sequence 1 & 2
Shingle Creek Regional Trail, OGT Grant
City of Maitland, FL
Lake Lily Park
City of Margate, FL
Lemon Tree Lake Park
City of Melbourne, FL
Wickham Park
City of Miami, FL
Moore Park Legacy Gift Stadium
City of Miami Beach, FL
Collins Park Renovation
North Shore Park Bandshell Renovation
City of Naples, FL
River Park Aquatic Center
City of Ocala, FL
Sholom Park Public Gardens
City of Ocoee, FL
Family Aquatic Center
City of Orlando, FL
Dinky Line Trail
Lake Eola Park
Loch Haven Park
Rock Lake Community Center
Trotters Park Concession/Restroom Building

City of Orlando, FL (continued)

Turkey Lake Park Boat House
Turkey Lake Park Guard House
Wetlands Park

City of Oviedo, FL

Oviedo Community Center

City of Palatka, FL

Palatka Corridor Study

City of Plantation, FL

Plantation Preserve Golf Course & Club House

City of Sanibel, FL

Sanibel Bikeway, Greenways & Trail Master Plan

City of Sunny Isles, FL

Sunny Isles Beach Active Park Community Center

City of Winter Haven, FL

Chain of Lakes Downtown Trailhead
Lake Maude Park Recreation Complex

Collier County, FL

Florida Power & Light Greenway Trail Study
Vanderbilt Drive Pathway

Daytona Beach Museum of Arts & Science, FL

Environmental Learning Center at Tuscaawilla Preserve

Flagler County, FL

Lehigh Trail

Florida Department of Environmental Protection

Rainbow Springs Concessions Building, Dunnellon, FL
Ross Prairie Equestrian Campground, Dunnellon, FL
Blue Springs State Park ADA Restroom, DeLand, FL

FL Department of Transportation, Okeechobee County

District 1, Lake Okeechobee Rec Area Master Plan
District 1, Lake Okeechobee Scenic Trail

Florida Keys Overseas Heritage Trail, Monroe County, FL

Big Coppitt Key Landscape Project
Florida Keys Overseas Heritage Trail Master Plan
Key West Botanical Gardens Trailhead
Key Largo Trailhead
Knights Key Trailhead Master Plan
New Trail Segment Design for Grassy Key &
Big Coppitt Key
Safety Improvements

Florida Mining-Recreation, Hardee County, FL

Paynes Creek Greenway Corridor Study

Indian River County, FL

Intergenerational Recreation Center at South
County Regional Park

Inverrary Developers, Lauderhill, FL

Country Club
Office & Sales Center
Tennis Club

Lee County, FL

Lee County Bike, Pedestrian & Trails Master Plan

Miami-Dade County, FL

Heatherwalk Community Center
Key Biscayne Golf Club
South Dade YMCA Family Center
YMCA Field of Miami-Dade

National Park Service

Indefinite Delivery Contract

Orange County, FL

East Orange Park Soccer Complex
Dr. P. Phillips Community Park
Econ Soccer Complex
Extreme Sports Park
Goldenrod Park
John Young Community Park
Little Econ Greenway Trailhead
Long Branch Park Master Plan
Parks Prototype Buildings

Orange County, FL (continued)

Pine Hills Trail
Shingle Creek Regional Trail
Young Pine Community Park

Pinellas County, FL

Pinellas Trail FPC Extension

Sarasota County, FL

Legacy Trail Design/Build

Seminole County, FL

Cross Seminole Trail Connector
Kewannee Trail
Red Bug Lake Road Pedestrian Overpass
Seminole Wekiva Trail Phase I
Seminole Wekiva Trail Phases II & III
Seminole Wekiva Trail Underpass
Wekiva Park

St. Johns County, FL

Rail with Trail Feasibility Study

Town of Surfside, FL

Surfside Community Center & Park Renovations

Volusia County, FL

Green Springs Park
"J" School Park
Lake Beresford Park

Glavovic Studio

Architecture Art & Urban Design

Margi Nothard

President / Design Director

Margi Nothard founded and directs Glavovic Studio Inc. as a creative design company for architecture, public art and urban design in 1999. Glavovic Studio is a leader in South Florida the architecture of cultural facilities, affordable housing and public space. The studio's completed housing, civic parks, museums, galleries and public art interventions integrate landscape, environment, architecture, culture and urban connections in a unified spatial and transformational experience.

Major works in Florida include Young Circle ArtsPark, a 10-acre cultural arts facility, site planning, an outdoor Amphitheater, Visual Arts Pavilion including studios, galleries, playgrounds at the center of downtown Hollywood, Girls' Club Foundation, in Fort Lauderdale, Exterior building envelope and Interior gallery space, NSU|Museum of Art in Fort Lauderdale Interior Renovations over five years and exterior Bridge Stair and Art Plaza renovations with EDSA, LEED Gold Young At Art|Museum Broward County Library with AECOM, a highly acclaimed Children's Art Museum and public library in Davie, Florida and Dr. Kennedy Homes Affordable Housing, an award winning LEED Gold for Homes, 132 unit, eight two-to-five story modern apartment building complex for low and very low income seniors and families with three adaptive use multipurpose community buildings situated at as a gateway to downtown Fort Lauderdale.

Nothard's transformational work as a designer and artist is process oriented and visionary, seeking innovative and implementable solutions. She engages in public outreach through lectures, exhibitions and teaching. Nothard and her studio have designed over seventy-five projects and are committed to long term environmental stewardship. She is the recipient of numerous awards and grants, in 2012 founded and hosts GSTalks, a public outreach forum engaging innovators, designers and thinkers directly with the community in a series of lectures and events. GSTalks has been recognised with a Cultural Division Creative Investment Program Grant and attracts audiences and speakers from throughout the South Florida area. Nothard's community outreach also includes lectures, teaching and a newsletter including working with programs such as Business for the Arts of Broward and the Community Foundation and creative exploration of issues such as three installations titled: GroundWater. At Young At Art|Museum, Deering Estate In Deep Exhibition, April 2014 and Third Avenue Artwalk, February 2014, along with monthly open studios and exhibitions with the Flagler Village Artwalks among other events.

Glavovic Studio's work has been widely published in national and international publications such as Architectural Record Magazine, Irreversible Magazine, TASCHEN, Abitare, Metropolis, Objekt, Design Bureau, Braun, OFArch, Urban Land, and Tropic.

2014 Current Projects

Master Vision Plan for Affordable Housing_Broward Urban League 2014

Up to 150 multifamily affordable housing units
Sustainable, educational visionary project
Feasibility Phase

Artist and Market Live Work Condo Project, 2014

Mid-rise urban site, market rate
Mixed Use
Feasibility Phase

Urban Townhouses, 2014

Market Rate, sustainable approach, innovative materials and construction systems
In Schematic Design

Private House Intercoastal_Adaptive Use and New Site with Pavilion 2014

Construction Documents

2012-2014 Consultis, Commercial Renovation Project_Boca

Interior renovation, modular commercial interior storefront panel systems
Interior Design components and Client Branding

Education

1992 Master of Architecture
Southern California Institute of
Architecture
NCARB Registered
AIA Associate

Awards

2012-2014

Young at Art|Museum Broward County Library

First LEED Gold Children's Museum in Florida

USGBC Gala Verde Award_Best Project
New Construction, Sep 2012

USGBC Gala Verde Award Best Overall
Project, Sep 2012

2013 - South Florida Parenting
Magazine Kids Crown Awards, judges'
choice as best museum

2013 - Best Museum in Broward County,
winner of New Times reader poll

"Green Your Scene," Award from the
Town of Davie

Association of Builders Eagle Award
2012 - Best Family Fun from Forum
Publishing Group

ULI 2013 Vision Award Finalist, (Winner
to be announced in August.)

Dr. Kennedy Homes Affordable Housing Project

Community Appearance Award, 2013
LEED Gold for Homes, 8 Buildings

Young Circle ArtsPark

AIA Fort Lauderdale, Award of Merit,
2012

Museum of Art | NSU ArtPlaza

Fort Lauderdale Community Appearance
Award, 2012

2011

Girls Club, Top 100 World Architecture WA Award, April 2011

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Glavovic Studio

Architecture Art & Urban Design

Margi Nothard

President / Design Director

2012-2014 Sailboat Bend Apartments

Fort Lauderdale, Broward County, Florida
Under Construction
Construction Budget: \$7, 4 million.

Renovation of a 105-unit, mid-rise senior residential building on the river in historic Sailboat Bend neighbourhood, Fort Lauderdale. Program includes efficiency units, one and two bedroom units and community room. Skin explorations highlight the organization of the building around the specifics of the program with respect to the site and the units, creating a conversation between the context, the overall existing building structure and the individual unit. The development of the perimeter enclosure creates a unique layering of views, solar protection, transparency and solid components that are organized and sized within a modular system and customized ceramic frit pattern that provides additional solar protection and a virtual landscape on the building skin.

2007 – 2013 Kennedy Homes Affordable Housing

Fort Lauderdale Housing Authority, Florida
LEED Gold for Homes Certification, July 2013
Project Completed February 2014
Construction Budget: \$16 million

Eight new buildings, two-story to five-story, and three renovated one-story buildings, make up one hundred and thirty-two units on an 8.5 acre site in downtown community, goals included to develop a gateway to City of Fort Lauderdale and integrate in an existing Historic District and to create a sustainable and community oriented project, affordable and transit oriented that meets the needs of the existing residents on the site and the long term goals of the Housing Authority. Kennedy Homes integrates art, landscape and quality of life, affordably and exceptionally.

Channel Square Multi-Modal Transportation Hub

Feasibility Study
2012 | Fort Lauderdale, Broward County, Florida

Multi Modal Hub, iconic gateway and destination at the heart of Fort Lauderdale Beach. Program includes mixed use space, water taxi hub, visitor center, and café. Peripheral areas provide easy bicycle access, vehicle drop off and links to Broward County Transit system and Trolley. Proposal highlights significance of Las Olas Blvd. and creates a portal to the beach and back to the city.

2011 - Present FLOW - Broward County Courthouse

Public Art Commission
Fort Lauderdale, Florida
In Design Development Phase

Construction Budget: Art Budget Approximately \$600, 000
County Courthouse Budget over \$200 million

Large scale public art project connecting the river and the community to the New Broward County Courthouse embracing the public access Breezeway below the existing parking structure and the heart of Fort Lauderdale in the form of textures and patterns applied to forms that modulate to accommodate seating, walkways and activated areas. The dynamic envelope invites the public to experience FLOW which provides the community an urban hub to pause, reconnect and re-exchange with the environment and each other.

2008

Young Circle ArtsPark

Florida State AIA Merit Award of Excellence

Girls' Club

Florida State AIA Merit Award of Excellence

Moretti Award

Broward County Cultural Award
Most Outstanding Artistic Achievement

2007

Young Circle ArtsPark

Best Architecture Project, South Florida, Miami Herald

Broward Trust for Historic Preservation Honors

2006

Museum of Art|Bridge-Stair

Florida State AIA Award of Excellence

Museum of Art Bridge Stair

Fort Lauderdale Community Appearance Award

2004

SKYLofts

AIA Award of Excellence, Fort Lauderdale

2001

Arango Foundation, Top Arango Designer Award

Award Recipient: Master in Architecture, SCI-Arc, Top Graduate Thesis, Jan 1992

Award Recipient: SCI-Arc, Alpha Rho Chi Medal, Fall 1991

Award Recipient: Henry Adams, AIA Certificate, Fall 1991

Board of Director, student representative: SCI-Arc 1989-1992

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Glavovic Studio

Architecture Art & Urban Design

Margi Nothard

President / Design Director

2001 – 2012 Young At Art | Museum Broward County Library

Davie, Florida

LEED Gold Certification, July 2012

Project Completed December 2012

Construction Budget: \$13,750,000 million

County Library, Museum Exhibits, Art Institute with Art studios including painting, ceramics, 3D studios, photography, Administration, Separate Teen Center, Shared Programming Areas, including Library and café, conference areas and reading room. The main museum area includes 4 major exhibit areas and a Knight Changing Exhibit space, along with Administration and numerous outdoor programmed spaces. Many major artists are involved in creating interactive artworks in the exhibits along with a site specific artwork for the Museum itself.

2006 - 2012 Museum of Art | NSU

Fort Lauderdale, Broward County, Florida

Major facilities upgrade at the MoA/NSU. Scope of work included Lobby, Renovation Glackens Wing, façade storefront, Bridge-Stair addition, 2nd Floor Renovation of multiple Galleries including Marks Gallery, Main Gallery, 1st and 2nd floor bathrooms renovations, Mathew Schreiber/Artist installation, MoA Master planning, Identity, Signage, Wayfinding, Scrim Design, and MoA ArtPlaza.

2006 - 2008 Girls' Club Collection

Fort Lauderdale, Broward County, Florida

Art Foundation and Gallery renovation in existing warehouse building adjacent to artist studio on quiet downtown street. Goal to activate street and provide awareness in art community and for public to leverage goals of broadening discourse about contemporary art and role of women artists and women in art. Utilized façade as urban element to project images and draw public into building. Architecture goals of adaptive use and material transformations.

Young Circle ArtsPark

2001 - 2011 | Hollywood, Broward County, Florida

10 acre site, Visual Arts Pavilion: Includes Artist Studios, Painting Studio, Glass Blowing Studio, Metal Studio, Performing Arts Rehearsal Studio, Black Box Theater, Gallery, Classrooms, Administration, Offices, support. Park includes: Children's interactive playground, landscaped art elements, multiple water features, outdoor amphitheater, indoor amphitheater, multiple promenades for Events, multi-purpose lawn and performance spaces, integrated artist experiences, integrated public art. Performing Arts Pavilion: City of Hollywood, Architect, Glavovic Studio: Design Architect, Open Steel Structure, Masonry, Kalwall, designed to create space within existing Artspark, floating roof. Outdoor pavilion, open seating, enclosed service parking and support space.

Miami Beach Little Stage Theater and Skate Plaza Cultural Complex

2008 | Miami Beach, Dade County, Florida

2.25 acre site consisting of park area and two existing historical buildings in the heart of Miami Beach. Concept proposes a series of layers - activities, vistas, spaces and experiences. A performing arts pavilion and a café/concession pavilion, inventing a modular green wall system, proposed to become part of the complex to make it a unique project that incorporates sustainability, culture, amenity, youth, the visitor and the local community through a sustainable, adaptive use approach to culture, architecture and urban design.

Exhibitions and Selections

2006-2014

Flagler Village Artwalks_Sunset Hammock
Forré Gallery, "Beneath the Surface" What rests inside an Architect?
SCI-Arc Exhibit, "Top 50 Alumni", Los Angeles, CA
Deering Estate "In Deep", GroundWater_Grey, Black, Potable and Salt
Cadence, The Art of Landscape Exhibition, Young Circle ArtsPark
Flagler Village ArtWalk, Skins
Third Avenue Artwalk, GroundWater 02
Young At Art|Museum, Counting Backwards_Groundwater_Latent Systems, Five Artists
Threshold Two_Unmade Room Exhibition, Curator, Christian Feneck
Third Avenue Artwalk: Unbuilt/Unspoken_Fort Lauderdale
Third Avenue Artwalk: Layers
Third Avenue Artwalk: In Construction: A Photographic Journey
Inventory | Series 01: Objects of Desire
DCOTA Design House, Selected Designer: Margi Glavovic Nothard
Bishop Good Studio, Towards the Girls' Club
Museum of Art, Fort Lauderdale: Group Show: Third Avenue Artists
"Top of the Tower", Broward College Group Show, selected for Broward College Permanent collection
Solo show New Star Gallery, 2004
FAT Village, Afterglow Art Exhibition
Magazine Cover: Sears Town_Designer selected for competition
Faculty Exhibit: DURP Exhibition, 15 Years Towards the Future
Faculty Exhibit: FIU Bienal Exhibition
Finalist, Architecture Drawings
Seattle Public Art Issaquah Highlands Project Finalist
Alumni Exhibit: SCI-Arc 30/30, Top 30 drawings from 30 years
Exhibit: The Freight Depot Pacific Design Center
Arango Design Award Presentation

1992-1998

Form Zero Gallery Exhibition, Time Defines Place
Sun Shelter Exhibition, Van Alen Institute, NY
Infrastructure and Design for Alternately Powered Vehicles", AIA Urban Design
Museum of Science and Industry, Electric Vehicle Infrastructure Competition
Berlin Competition Exhibition, SCI-Arc
Julia Morgan Women in Architecture Exhibition, UCLA
LA Art Fair

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Glavovic Studio

Architecture Art & Urban Design

Margi Nothard

President / Design Director

Metro Hollywood/Metro Hollywood Artspace Inc.
2005 - 2007 | Hollywood, Broward County, Florida

Consists of multifamily units, artspace, retail/commercial space and school/community element. The goals are to redevelop challenged neighborhood along railroad area and integrate ground level retail to connect to larger urban context and create walkable downtown connections. To create Artist Livework community with green roof, cistern, low-carbon footprint, walkable, in an affordable housing environment.

HART Artspace

2005 - 2006 | Hollywood, Broward County, Florida

Master Planning Phase for 450 units, mixed use Market Rate and Design oriented project. Site planning, retail, commercial, Cultural, Live/Work, Artist Affordable Housing. Redevelopment/Master planning of Hollywood Art and Culture Center, local Contemporary Visual and Performing Arts Center, including classrooms, gallery. Includes 40+ units for Artspace Affordable housing for artists. Integrate with Art and Culture Center to reignite south east quadrant of Block and create destination Arts District.

Hollywood Central Performing Arts Center

2007 - Present | Fort Lauderdale, Broward County, Florida

350 seat renovation for a Performing Arts Theater, the goal is to develop a synergistic relationship between the project and the community, between the street and the building along with creating a more visible presence on the street whilst enhancing the overall experience, functionally within the facility for the theater performer and viewer.

Community Service

Public Art and Design Task Force, Creative Broward 2020 Plan, EcoArt South Florida, Advisory Board and Site Planning Committee, 2009-2013, Sailboat Bend EcoPreserve Committee, Broward Cultural Division 2020 Master Plan, Young Circle Greater Hollywood ArtsPark Foundation, Founding Member through 2009, FAB, Funding Arts Broward, Founding Member, 2003-2008, Co-Founder, Broward Design Collaborative, 2004, Coordinator, DURP/FAPS 2nd Wed Lecture Series, 2003-2004, Vice Chair, Master Plan, City of Fort Lauderdale Steering Committee, 2002-2003, Chair and Member, Fort Lauderdale Historic Preservation Board, 2002-2005, Vice-Chair and Member, Public Art and Design Committee, Broward Cultural Affairs, 1999-2003, Chair, Artist Selection Panel, Port Everglades, Aviation and Convention Center, 2002, Chair, Artist Selection Panel, Broward County Historic Commission, 2001, Chair, Public Art and Design 5 year plan Sub-committee, 2001-2002, City of Hollywood, Arts Park Sub-Committee, 2001

Grants, Lectures and Academic Honors

Grants

NEA Our Town Grant, City of Tamarac, Sunset Hammock Public Art Project, Oct 2014

Third Avenue Artists Artwalk 2014: Flagler Village Improvement Association/CRA, Feb 2014

Broward County (CIP) Creative Investment Program Grant GS Talks02_Kennedy Homes, July 2013

Minetta Brook Foundation Grant, Hudson and Thames River Project, 1997

Conference Speaker or Panelist

Conference Presentation: Incorporating Sustainable Design into Brownfield Projects and Areas,

SE United States Brownfields Conference, Nov, 2014

Conference Paper presented by Co-Author and published in proceedings: "Culture and Art Industries as Urban Revitalization Strategies:

The Case of Miami Design District", Prof. Mishchenko, M. Nothard and Assist. Prof. Oner, SANART, Mersin, Oct 2013

Conference Poster: Subtropical Cities Conference, Kennedy Homes, Paradigm Shift, 2013

Conference Presentation: Intersections of Place and Process: "Subtropical Cities" Conference, Mar 2011

Conference Presentation: Americans for the Arts Conference, PARTICIPATE, Public Art Civic Catalyst, Wash, DC, Jul 2004

Conference Presentation: FAPA, Young Circle ArtsPark, West Palm Beach, Sep 2003

Publications (Selection)

2007-2014

Irreversible Magazine, "The Girls' Club Collection" and "FATVillage, Changing the Rules of Engagement", Dec 2014
Architectural Record, "Dr. Kennedy Homes, Sunshine State of Mind", C. Pearson, Oct 2014
Fort Lauderdale Magazine, "Well Built" Aug 2014
Tropic Magazine, "Gut Job", J. O'Connor, Dec 2013
Net Zero Buildings, Young At Art|Museum, "Dividing Liquid Assets" J. Mesenbrink, Sep 2013
Taschen, 100 Contemporary Green Buildings, Philip Jodidio, May 2013
Design Bureau, "Designing an Icon", May 2013
Tropic Magazine, "Affordable Modernity at Kennedy Homes", Feb 2013
"Open Space: Urban Public Landscape Design", Feb 2013
Tropic Magazine, "Young at Art | Museum Turbo-Charging South Florida's Creative Engine", Summer 2012
Taschen, Landscape Architecture Now!, Philip Jodidio, 2012
Tropic Magazine, "Impluvium Village", February 2012
Tropic Magazine, "Culture Comes to Fort Lauderdale Once Again", Jan 2012
Design Bureau Magazine, "The Language of Design", Jan/Feb 2012
Florida Life + Travel, "Urban Sanctuaries", Dec 2011
Tropic Magazine, "Outside-In", Oct 2011
Private Spaces for Contemporary Art, Peter Doroshenko, 2010
100 Florida Architects and Interior Designers, Damir Sinovic, 2010
Esplanade Magazine, "Beach House" Jul/Aug 2010,
Florida Travel + Life, March/April, 2010, "The Best of Both Worlds"
Florida/Caribbean Architect Magazine, Fall 2008
Objekt International, #43, "Ebb and Flow below Under the Dining Table", Oct 2008
Surface Magazine, "Brand Identities", The Art and Design Issue No.72, Annual Appeals, Jul 2008
Fulcrum Magazine, "Strategy: ArtsPark", Volume 1, Issue 1, Jun 2008
Go Riverwalk, Jul 2008
Florida Monthly Magazine, May 2008
HOME Miami/Fort Lauderdale, Jun 2008

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Glavovic Studio

Architecture Art & Urban Design

Margi Nothard

President / Design Director

Conference Presentation: AIMAC Conference with Dr. Prosperi and Lucy Keshevars, Milan, Italy, Jul 2003

Lectures

Public Lecture: Florida Foundation for Architecture, 2014 People's Choice, Young At Art|Museum Broward County Library, Nov 2014

Public Lecture: GS Talks 02: Paradigm Shift, June 2013

Public Lecture: Arts Mean Business_Being Broward/Being Global, May 2013

Public Lecture: FAU, School of Architecture: Glavovic Studio, Apr 2013

Public Lecture: MOD Weekend: Eco-sensitive Boat Tours, March 2013

Public Lecture: Girls' Club, March 2013

Public Lecture: Sherman Library Series: The Art of Architecture, Nov 2010

Public Lecture: Girls' Club Collection, Artists In Action, May 2010

Public Lecture: Cornell University, Apr 2010

Public Lecture: 10x10, Poliform, Miami, Oct 2008

Public Lecture: Palm Beach Art Forum, Duncan Theater West, Dec 2007

Public Lecture: Design Within Reach, Women in Design, Coral Gables, Nov 2007

Public Lecture: Broward County Cultural Forum, Nov 2007

Public Lecture: Florida Dept. of State, Division of Cultural Affairs, Florida Arts Council, Jul 2007

Public Lecture: NSU-Museum of Art: Sears Town Vision Lecture, Mar 2006

Public Lecture: FAU Department of Urban and Regional Planning, Inhabiting the Swamp, Sep 2003

Guest Speaker: Business for the Arts, Board, Feb 2013

Guest Speaker: Greater Fort Lauderdale Alliance, Board, June 2013

Guest Speaker: Broward Community Foundation Board, Mar 2013

Guest Speaker: Reimagining the City Symposium, Feb 2012

Guest Speaker: Emerge Broward, The Knowledge Economy in Broward County, Oct 2009, Jan 2010

Guest Speaker and Moderator: Funding Arts Broward: Oct 2005

Panelist: Locust Projects, Miami 4, w/Terence Riley, Lawrence Blough, Felice Grodin, Apr 2008

Interview: Smart City Radio, Carol Coletta, Jul 2007

Moderator: Young at Art Symposium _ Future of YAA and Childrens' Museums, Nov 2006

Urban Design Professional: Broward Design Collaborative, Sistrunk Workshop, Apr 2004

Urban Design Professional: Oakland Park, Downtown Urban Park, Jan 2003

Visiting Critic/Selection

Columbia University, School of Architecture, New York, NY

Cornell University, School of Architecture, Ithaca, NY

Florida Atlantic University, School of Architecture, Fort Lauderdale, FL

Florida International University, School of Architecture, Miami, FL

Norwich University, School of Architecture, Northfield, VT

Pratt University, School of Architecture, Brooklyn, NY

Rice University, School of Architecture, Houston, TX

Southern California Institute of Architecture, Los Angeles, CA

University of Miami, School of Architecture, Miami, FL

University of Southern California School of Architecture, Los Angeles, CA

Well-known Curator for the Museum of Modern Art in New York, Paola Antonelli upon writing about the Arango Foundation Award wrote: "Margi Glavovic-Nothard has impressed me with the maturity and completeness of her assertive designs. Her structures pose as functions, symbols and incarnate the renewed role of architecture as a point of reference for the community."

Florida Inside Out, Miami 4, Apr 2008
Dwell Magazine, Knoll Advertising, Nothard House, April 2008
Florida Inside Out Magazine, Jan/Feb 2008
HOME Magazine Cover and Article, "Art or Buildings, You Decide", Dec 2007
Urban Land Magazine, Annual Design Issue, Nov/Dec 2007
OFARCH, Italian Architecture Magazine Cover and article, Sep 2007
Miami Herald, Beth Dunlop, Aug 2007
FORM; Pioneering Design Magazine, Jul/Aug 2007
Florida Inside Out Magazine, May/June 2007
HOME Magazine Cover, Nov 2006
HOME Magazine, Mar 2006
Miami Herald, Artspark, Nov 2004
HOME Magazine Cover, July, Aug 2004
SCI-Arc Alumni, Publication, 2002
Abitare, Hollywood ArtsPark, Feb 2002
Metropolis, Arango Foundation Awards, Dec 2000
Time Defines Place, The Thin Moments and Fat Moments in Los Angeles, PAP, SCI-Arc, 1994
From The Edge, SCI-Arc, Rizzoli, 1992
Kenchiku Bunka, Vol. 46 #534, Apr 1991
LA Architect, Jul/Aug 1990

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Glavovic Studio

Architecture Art & Urban Design

Terence O'Connor

Vice President

Terence O'Connor is Vice President and Principal Project Manager for Glavovic Studio since the founding in 1999 and has over thirty years of architectural experience assuming responsibility for award winning design, planning, construction documents, specifications, construction administration, project team supervision, review and coordination of all phases of construction contract document work. Terence began his career as a project designer with Skidmore, Owings and Merrill in the design and production of Hines proto-type office park developments, Houston, Texas in 1977. In 1979 he relocated to New York and worked for Johnson/Burgee Architects during which time he was involved in the design and production of documents for the award winning projects of AT&T Headquarters in NYC 1979, the PPG Headquarters in Pittsburgh 1980-84, the Metro-Dade Cultural Center 1982, the Transco Tower 1983 and the Wells Fargo Center, Denver 1983.

He has collaborated with Margi Nothard, President and Design Principal, on award winning projects such as the Museum of Art Bridge_Stair in 2005, the Girls' Club Collection in 2007 and the Kennedy Homes affordable housing project 2007-2013 (currently under construction).

O'Connor received his Bachelor of Design in Architecture from the University of Florida and Master in Architecture from Rice University. O'Connor is a registered architect in Florida with (retired) licenses in Texas and New York, teaching and lecturing on architectural design and theory at the School of Architecture, Florida Atlantic University. O'Connor served as Chapter President and State Director for the Fort Lauderdale AIA and garnered numerous AIA design awards.

Representative Projects

Sailboat Bend Apartments

2013 - Present (In construction) | Fort Lauderdale, Florida
Construction Budget: \$7,4 million.

Renovation of a 105-unit, mid-rise senior residential building on the river in historic Sailboat Bend neighbourhood, Fort Lauderdale. Program includes efficiency units, one and two bedroom units and community room. Skin explorations highlight the organization of the building around the specifics of the program with respect to the site and the units, creating a conversation between the context, the overall existing building structure and the individual unit. The development of the perimeter enclosure creates a unique layering of views, solar protection, transparency and solid components that are organized and sized within a modular system and customized ceramic frit pattern that provides additional solar protection and a virtual landscape on the building skin.

Kennedy Homes Affordable Housing

2007 – 2013 | Fort Lauderdale, Florida
Fort Lauderdale Housing Authority, Florida
LEED Gold for Homes Certification, July 2013
Project Completed March 2014
Construction Budget: \$16 million

Eight new buildings, two-story to five-story, and three renovated one-story buildings, make up one hundred and thirty-two units on an 8.5 acre site in downtown community, goals included to develop a gateway to City of Fort Lauderdale and integrate in an existing Historic District and to create a sustainable and community oriented project, affordable and transit oriented that meets the needs of the existing residents on the site and the long term goals of the Housing Authority. Kennedy Homes integrates art, landscape and quality of life, affordably and exceptionally.

NSU | Museum of Art

2006 - 2012 | Fort Lauderdale, Florida

A major facilities upgrade at the MoA was essential for positioning the Museum for its next phase in for Museum Director Irvin Lippman. Glavovic Studio was critical in developing a sophisticated sense of image and functionality that tied together disparate elements in the Museum's palette

Education

1977 Master in Architecture
Rice University

1973 Bachelor of Design in Architecture
University of Florida

Registration

Registered Architect, State of Florida 1990
AA-0013193

NCARB 1985, AIA member

Awards

2012-2014

Kennedy Homes Affordable Housing Project

LEED Gold for Homes, 8 Buildings

2013 - Community Appearance Award

2013 - AIA Fort Lauderdale, Award of Excellence

2008

Girls' Club

Florida State AIA Merit Award of Excellence

20+10+X World Architecture Community

2006

Museum of Art|Bridge-Stair

Florida State AIA Award of Excellence

Fort Lauderdale Community Appearance Award

2003

O'Connor House

AIA Broward Award of Honorable Mention

2000

Private Residence

AIA Broward Award of Excellence

1990

Tarpon River Villas Award of Excellence
AIA Broward Design Awards Traveling Exhibition

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Glavovic Studio

Architecture Art & Urban Design

Terence O'Connor

Vice President

within a limited budget. Overall upgrade to the Museum of Art included: the lobby, the Glackens Wing, entrance facade, Bridge-Stair addition, Marks Gallery renovation, bathrooms renovations, the Main Gallery, Mathew Schreiber/Artist installation, master planning, signage and wayfinding, AC Screening/Urban Design. Project Manager with responsibilities for zoning and code compliance, documentation of existing conditions, historical research, program analysis, preliminary design, design development, construction documents, specifications, project team supervision, review and coordination of contract documents with owner, consultants, city planning, zoning and engineering staff; bidding and negotiation, construction administration.

Miami Beach Little Stage Theater and Skate Plaza Cultural Complex

2008 | Miami Beach, Florida

2.25 acre site consisting of park area and two existing historical buildings in the heart of Miami Beach. Concept proposes a series of layers - activities, vistas, spaces and experiences. A performing arts pavilion and a café/concession pavilion, inventing a modular green wall system, proposed to become part of the complex to make it a unique project that incorporates sustainability, culture, amenity, youth, the visitor and the local community through a sustainable, adaptive use approach to culture, architecture and urban design.

HART Artspace

2005 - 2006 | Hollywood, Broward County, Florida

Master Planning Phase for 450 units, mixed use Market Rate and Design oriented project. Site planning, retail, commercial, Cultural, Live/Work, Artist Affordable Housing. Redevelopment/Master planning of Hollywood Art and Culture Center, local Contemporary Visual and Performing Arts Center, including classrooms, gallery. Includes 40+ units for Artspace Affordable housing for artists. Integrate with Art and Culture Center to reignite south east quadrant of Block and create destination Arts District.

Hollywood Central Performing Arts Center

2007 - Present | Fort Lauderdale, Broward County, Florida

350 seat renovation for a Performing Arts Theater, the goal is to develop a synergistic relationship between the project and the community, between the street and the building along with creating a more visible presence on the street whilst enhancing the overall experience, functionally within the facility for the theater performer and viewer.

Residential

Hait Residence Remodel

2005 | Wilton Manors

Weinstein Residence Remodel

2005 | Fort Lauderdale

Caplan Residence Remodel,

2002-2003 | Hollywood

O'Connor Residence

2001-2002 | Pompano Beach, AIA Broward Award

Wells House, GR Residence, Giroire Residence, Bandelac Residence, Fort Lauderdale

Amlong Residence

1999-2001 | Canada

The Blue House

1999-2001 | Lighthouse Point

Exhibitions and Selections

2003

Selected Architecture Faculty Exhibition

AIA Miami Chapter Gallery

FAU Faculty Creative Work Exhibition: Four Houses

School of Architecture Gallery Space

FIU Bienal Exhibition

FAU Visual Arts Faculty Exhibition

Scale model of AIA award winning architectural project, University Galleries Schmidt Center Gallery

2001

AIA Broward Design Awards Exhibition

Pompano House Award of Excellence, McCraw Warehouse, Ft. Lauderdale

1999

FAU Visual Arts Faculty Exhibition

Schmidt Center Gallery

1998

Furniture/Graphic Design

FAU Visual Arts Faculty Exhibition, Schmidt Center Gallery

Publications (Selection)

Tropic Magazine, "Affordable Modernity at Kennedy Homes", February 2013

Florida Life + Travel, "Urban Sanctuaries", December 2011

Tropic Magazine, "Outside-In", Oct 2011

Private Spaces for Contemporary Art, Peter Doroshenko, 2010

Florida Travel + Life, March/April, 2010, "The Best of Both Worlds"

Florida/Caribbean Architect Magazine, Fall 2008

Florida/Caribbean Architect Magazine, 2008

Florida/Caribbean Architect Magazine, 2006

Florida/Caribbean Architect Magazine, 2001

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Glavovic Studio

Architecture Art & Urban Design

Terence O'Connor

Vice President

Private Residence
1999-2001 | Pompano Beach

Community Service

MOD Weekend: Eco-Sensitive Boat Tours, Assistance and Docent Coordination, March
Lake Worth Community Development Corporation, Mixed-Use Redevelopment
Committee on Design + Architecture Tri-County Event
State Director: American Institute of Architects, Florida Association
President: American Institute of Architects, Broward Chapter
Public Art and Design Committee, Broward County Cultural Affairs Council
Executive Committee Member: American Institute of Architects, Broward Chapter
Design Awards Committee Member: American Institute of Architects, Broward Chapter

Grants, Lectures and Academic Honors

1992-2004
Assistant Professor
Florida Atlantic University (FAU), School of Architecture

Visiting Critic
Florida International University (FIU), School of Architecture
University of Miami (UM), School of Architecture
Nominated for Most Distinguished Teacher of the Year Award, CAUPA, FAU

Lake Worth Urban In-Fill and Redevelopment Planning Grant: submitted to State of Florida, Community Affairs
Dept., Tallahassee, FL. Presented as lecture before the Lake Worth City Commission

From Broadacre City to Lille: Urban Design Theories in Transition - Lecture before the Urban Planning Studio,
School of Urban Planning at Florida Atlantic University

Tropic Magazine, "Affordable Modernity at
Kennedy Homes", February 2013

Florida Life + Travel, "Urban Sanctuaries",
December 2011

Tropic Magazine, "Outside-In", Oct 2011
Private Spaces for Contemporary Art, Peter
Doroshenko, 2010

Florida Travel + Life, March/April, 2010, "The Best
of Both Worlds"

Florida/Caribbean Architect Magazine, Fall 2008

Florida/Caribbean Architect Magazine, 2008

Florida/Caribbean Architect Magazine, 2006

Florida/Caribbean Architect Magazine, 2001

Glavovic Studio

Diane Barry

Senior Project Manager

Diane Barry is a Senior Project Manager with over fifteen years of experience designing, producing, and overseeing projects from conception to reality throughout South Florida with extensive experience and a proven track record specializing in affordable housing projects. Her expertise in affordable housing and residential projects has given her a concise knowledge of zoning, building and life safety codes, allowing her to assess and deliver quality and successful projects.

As a service oriented professional with client oriented goals, Diane ensures clear and concise team collaboration exists throughout all phases of every project, with all team members. Her project management is based on a team oriented approach, bringing many projects to reality. As a leader and team manager, her projects have been delivered on time and within budget, while meeting and surpassing the client's expectations. Diane integrates keen skills for detailing and construction with Glavovic Studio's design and project ambitions for quality of life, sustainability and long term commitment to Client service to provide exceptional architecture.

representative projects

Multifamily/Hotel Renovations to development known as FLOW

Present | Fort Lauderdale, Broward County, Florida

Renovation and adaptability of 3 existing multifamily/hotel buildings in Fort Lauderdale 2 blocks east of the ocean on 1.13 acres. The 3 building range from 1 to 4 stories and contain over 55 units. The scope of work incorporates the design of exterior elements to bring the facades up to date structurally and add aesthetically pleasing elements to address the street facades and bring a cohesive aspect to all 3 buildings that have quite different architectural styles. It also entailed major renovations to interior spacial layouts in each building to add activity zones that engage the resident's and guests alike. In addition the interior renovations provide maximum use of existing spaces and unit counts plus provide appliance, plumbing, and lighting fixtures that are energy efficient and provide greater accessibility for the end user and more efficient buildings for the owner.

Various Accessibility studies for ADA compliance at HACFL and Archdiocese properties

Present | Fort Lauderdale, Broward and Dade County, Florida

Survey existing commercial office buildings and common use facilities on various multifamily affordable developments for existing building conditions related to requirements for ADA accessibility issues. Review existing building construction documents and current ADA, UFAS, and FHA laws and requirements as they relate to each development. Provide a detailed report on the findings within each development and assist owners, architect's and general contractors to bring the buildings up to date as much as feasibly possible to provide the greatest amount of accessible within given existing conditions.

Multiple Feasibility Studies

Present | Fort Lauderdale, Broward County, Florida

Studying a variety of sites throughout the county for new and infill developments. The multiple project scope ranges from multifamily housing, educational use, commercial and mixed use just to name a few. Architectural disciplines employed are site planning, programming assistance to client, building layout and design, in-depth zoning and building code research, meeting with City planning officials, attending and presenting conceptual design packages to Community and City review boards for review and approval processes. The goals are to meet client and code requirements so the development can move forward from a schematic design phase into a design development stage and beyond.

Education

Bachelors of Architecture
Florida Atlantic University 1999

LEED Green Associate

Awards

2013

Kennedy Homes City of Fort Lauderdale
AIA Design Award

2012

Kennedy Homes City of Fort Lauderdale
Community Appearance Award

2010-Present | Glavovic Studio Inc
Senior Project Manager
Fort Lauderdale, FL

2010-Present | JWR Construction
Architectural Consultant
Fort Lauderdale, FL

2010-Present | HACFL
Architectural Consultant
Fort Lauderdale, FL

2005-2010 | Pasquale Kuritzky
Architecture Inc
Senior Project Manager
Fort Lauderdale, FL

2000-2005 | Pasquale Kuritzky
Architecture Inc (Formerly-Falkanger
Residential Design Group Inc)
Project Manager
Fort Lauderdale, FL

1999-2000 | Falkanger Architecture Inc
Job Captain
Fort Lauderdale, FL

1997-1999 | R.A.M. Design Inc
Draftsperson
Fort Lauderdale, FL

1995-1996 | Thyng Construction
Construction Assistant
Boca Raton, FL

1990-1992 | Cypress Harbor Property
Maintenance
Construction Supervisor/Comptroller
Fort Lauderdale, FL

www.glavovicstudio.com
P 954 524 5728
F 954 524 5729
AA0003643



Glavovic Studio

Diane Barry

Senior Project Manager

Northwest II and IV Affordable Housing Project

2013 - Present | Fort Lauderdale, Broward County, Florida

Providing owner representative services from initial design concept through construction and final completion on 136 units within 7 city blocks in the northwest section of Fort Lauderdale, The infill housing development was undertaken to provide the current residents of the area with a better quality of life through new contemporary housing units. The project will achieve LEED status when finished later this year because of many products and building techniques that incorporate sustainable aspects of design.

Sailboat Bend Apartments

2012- Present | Fort Lauderdale, Broward County, Florida

Renovation of a 105-unit mid-rise senior residential building on the river in historic Sailboat Bend Neighborhood, Fort Lauderdale. Program includes efficiency units, one and two bedroom units and community room. Skin explorations highlight the organization of the building around the specifics of the program with respect to the site and the units, creating a conversation between the context, the overall existing building structure and the individual unit. The development of the perimeter enclosure creates a unique layering of views, solar protection, transparency and solid components that are organized and sized within a modular system.

Kennedy Homes Affordable Housing Project

2010 - Present | Fort Lauderdale, Broward County, Florida

132 units on 8.5 acre site in downtown community. The goals are to develop a gateway to City of Fort Lauderdale and integrate in an existing Historic District to create a sustainable and community oriented project, affordable and transit oriented that meets the needs of the existing residents on the site and the long term goals of the Housing Authority. Phases include: Contract Negotiation, Predesign, Programming, Concept Development, Schematic Design, Site Plan Development Phase and Community and Client interface, Coordination with Project Architect, Team and Consultants. The development has been awarded multiple AiA and Community Appearance awards and has achieved a LEED Gold certification.



Glavovic Studio

Diane Barry

Senior Project Manager

Publications (Selected)

Tropic Magazine, "Affordable Modernity at Kennedy Homes", February 2013

Florida Life + Travel, "Urban Sanctuaries", December 2011

Tropic Magazine, "Outside-In", Oct 2011

Private Spaces for Contemporary Art, Peter Doroshenko, 2010

Florida Travel + Life, March/April, 2010, "The Best of Both Worlds"

Florida/Caribbean Architect Magazine, Fall 2008

Florida/Caribbean Architect Magazine, 2008

Florida/Caribbean Architect Magazine, 2006

Florida/Caribbean Architect Magazine, 2001

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AA0003643

EXHIBIT 5

15-0348

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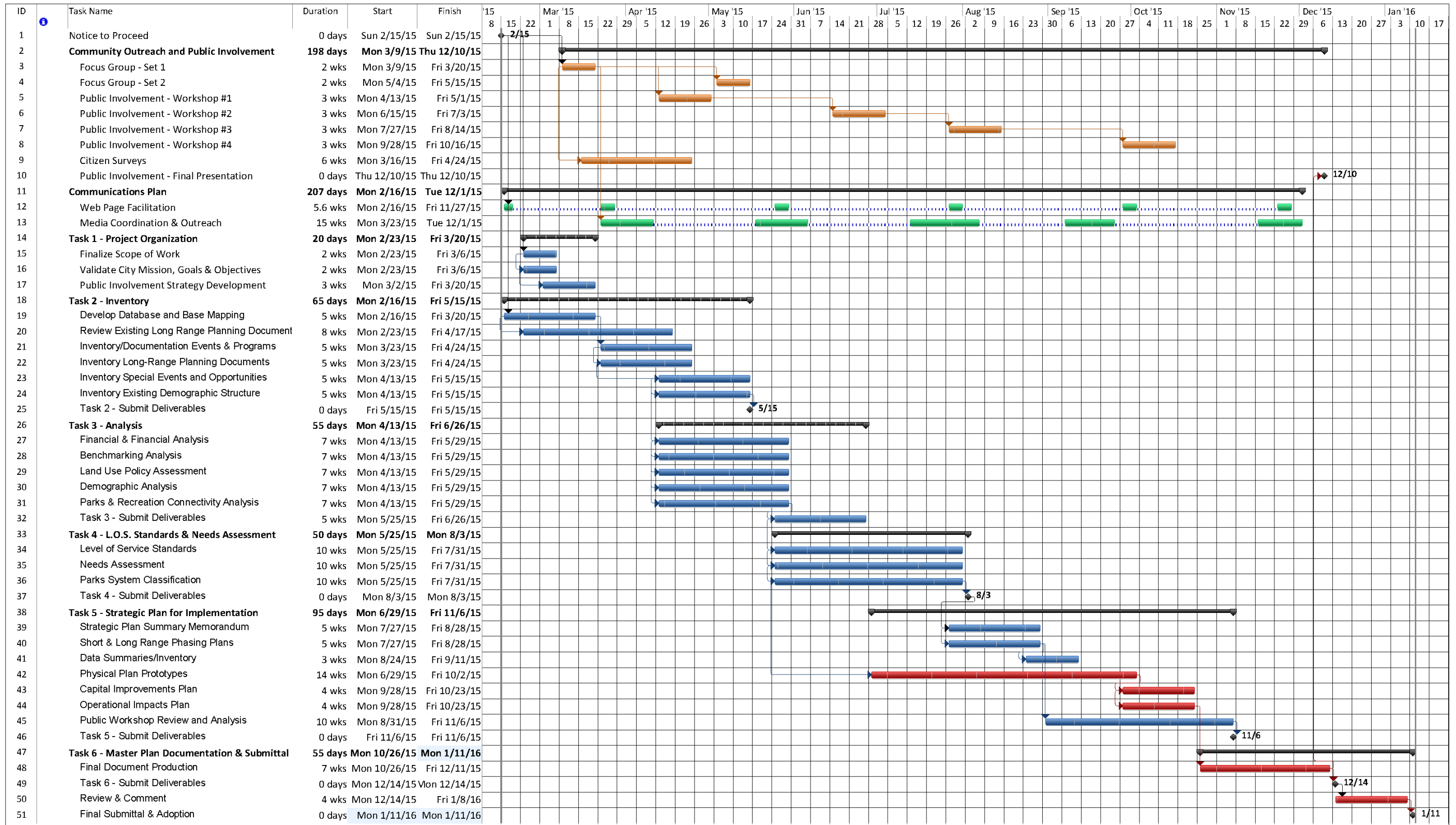
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6. ABILITY TO ASSIGN RESOURCES

ABILITY TO ASSIGN APPROPRIATE RESOURCES

The schedule that follows represents our anticipated allocation of time and resources to this project.



Project: FortLauderdale Parks-Sch Date: Tue 12/16/14	Task	Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Critical Split
	Split	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline	Progress
	Milestone	External Tasks	Inactive Milestone	Duration-only	Start-only	Critical	





7. ADDITIONAL AVAILABLE IN-HOUSE SERVICES

ADDITIONAL AVAILABLE IN-HOUSE SERVICES

READINESS OF PROPOSED STAFF

The TYLI Team has a history of client satisfaction and has the necessary resources to complete this project in a timely and cost-efficient manner. We achieve client satisfaction through many different avenues but mainly through quick response times, meeting our project schedules, and quality of work. We are able to attain these goals through proper preplanning and good communication. Our Team is immediately available to serve Fort Lauderdale on this contract.

TYLI's Planning Group has three general practices areas: Landscape Architecture, Urban Planning, and Environmental Design and Parks and Recreation. Landscape Architecture is focused on the design of urban centers, public open space/streetscape design, hospitality project design and quasi-public open space design. Urban Planning is focused on the implementation of regional, district, and neighborhood planning, redevelopment master planning, transportation corridor master planning including Transit Oriented Development, residential and mixed use sector planning, code review, and authorship and public involvement strategies. Environmental Design and Parks and Recreation is focused on the design and implementation of active and passive recreation facilities.

LANDSCAPE ARCHITECTURE

According to the American Society of Landscape Architects (ASLA), "Landscape architecture encompasses the analysis, planning, design, management and stewardship of the natural and built environment." TYLI's Landscape Architecture practice currently operates in every part of the U.S., with offices in every region. It includes the design of; parks, residential developments, campuses, gardens, commercial centers, resorts, transportation facilities, corporate and institutional centers and waterfront developments.

TYLI's Landscape Architecture services Include:

- Landscape and Hardscape Design
- Large and Small-scale Site Plan Development
- Design Guidelines and Project Imaging
- Streetscape and Urban Spaces Design
- Recreation Facilities and Park Design
- Construction Drawings and Implementation

URBAN PLANNING

TYLI's Urban Planning practice is focused on project and program sustainability through the implementation of Complete Streets and Smart Growth policies and programs. The intention of sustainable design is to reduce negative environmental impact through skillful, sensitive and contextual design. TYLI's vision of Sustainable Urban Planning includes planning and design of cities and urban spaces built of energy efficient buildings, set on pedestrian friendly streets and enhanced by efficient transportation and information systems.

TYLI's Urban Planning services Include:

- Complete Streets Design and Implementation
- Regional, Neighborhood and District Planning
- Sector Master Planning and Transportation Corridor Master Planning
- Transportation-Oriented Development (TOD)
- Urban Centers and Public Open Space Design
- Streetscape Design and Implementation

ENVIRONMENTAL DESIGN AND PARKS AND RECREATION

TYLI's Landscape Architecture Group also includes a third practice area: Environmental Design and Parks and Recreation facilities design. Landscape design and hardscape design are the primary functions of the Environmental Design practice for design of public and private facility landscape/irrigation systems, roadway landscape design, wayfinding signage, design guidelines and public presentations. The Parks and Recreation practice includes expertise in parks and recreation facility master planning for regional parks systems, linear parks, trails and greenways and design and planning of park projects ranging in size from neighborhood pocket parks to large acreage regional parks.



8. THREE CLIENT REFERENCES

CLIENTS/REFERENCES

DAVID GJERTSON, PLA / TYLI

Client | City of Milton, Georgia

Project | City-wide Parks and Recreation Master Plan

John Rebar - Previously with the City of Milton

City of Miami Beach

2100 Washington Avenue

Miami Beach, Florida 33139

305.673.7730 - Office

JohnRebar@miamibeachfl.gov

Client | City of Fort Lauderdale

Project | Powerline Rd. Elimination Study and Design, Lake Ridge Neighborhood Association Mobility Plan

Elizabeth Van Zandt, MPA

Transportation and Mobility

290 NE 3rd Avenue

Ft. Lauderdale, Florida 33301

954.828.3796

evanzandt@fortlauderdale.gov

CALLEVERDE

Client | City of Hollywood, Florida

Projects | Simm's Park Waterfront Plan, Pithlachascotee River Edge Park Master Plan, James E. Grey Preserve Master Plan

Susan Goldberg, AIA

2600 Hollywood Blvd.

Hollywood, Florida 33020

954.921.3993

sgoldberg@hollywoodfl.org

Client | City of New Port Richey, Florida

Projects | Broadwalk, Charnow Park, Hollywood Beach Streetscapes, Beachfront Park System Master Plan

Bob Consalvo, Mayor

5919 Main Street

New Port Richey, Florida 34652

727.853.1023

Consalvor@cityofnewportrichey.org

Client | Lauderdale Lakes Community Redevelopment Agency Projects | Lauderdale Lakes Community Redevelopment Plan, City of Cocoa Redevelopment Plan, Cocoa Waterfront Park Plan, Lauderdale Lakes Park Plan

J. Gary Rogers, Executive Director

4300 NW 36th Street

Lauderdale Lakes, Florida 33319-5599

954.535.2746

jpgaryr@lauderdalelakes.org

Client | Florida Keys TREE Institute

Project | Key West Botanical Gardens / Florida Keys Scenic Highway Trailhead

Carolann Sharkey, Executive Director

866.355.8733

sharkeyfun@aol.com

Client | Daytona Beach Redevelopment Agency

Project | Daytona Beach Waterfront Master Plan

Reed Berger, Executive Director

301 South Ridgewood Avenue

Daytona Beach, Florida 32114

386.617.8180

bergerr@codb.us

Client | Seminole County, Florida - Parks Greenways and Natural Lands

Projects | Bonita Springs Park System Master Plan, Groveland Park System Master Plan

Richard Durr, Jr., Division Manager

845 Lake Markham Road

Sanford, Florida 32771

407.665.2173

rdurr@seminolecountyfl.gov

DANIEL L WINTERS

Client | Town of Plantation, Florida

Sharon Kent, Director of Community Services

954.452.2512

Client | Atlantic High School, Delray Beach, Florida

Kevin Logan, Athletic Director

561.243.1507



9. BUSINESS LICENSES

BUSINESS LICENSES

State of Florida
Department of State


I certify from the records of this office that T.Y. LIN INTERNATIONAL is a California corporation authorized to transact business in the State of Florida, qualified on June 12, 1975.


The document number of this corporation is 834521.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on March 23, 2014, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-fourth day of April, 2014


Secretary of State



Authentication ID: CU8864095781

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certaauthver.html>

State of Florida
Board of Professional Engineers
 Attests that
T. Y. Lin International



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


Expiration: 2/28/2015 Certificate of Authorization CA Lic. No: 2017
 Audit No: 228201503334


RICK SCOTT, GOVERNOR STATE OF FLORIDA KEN LAWSON, SECRETARY
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER	
LA0001141	

The LANDSCAPE ARCHITECT
 Named below HAS REGISTERED
 Under the provisions of Chapter 481 FS.
 Expiration date: NOV 30, 2015

GJERTSON, DAVID R
 BRW, INC.
 260 PEACHTREE ST
 SUITE 107
 ATLANTA GA 30303



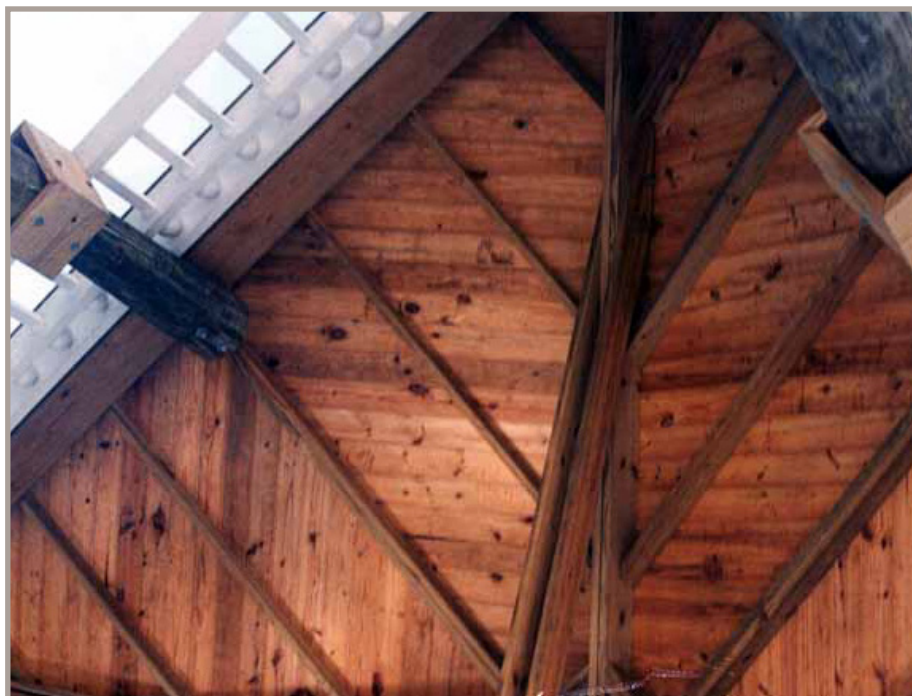




10. EVIDENCE OF INSURANCE

EVIDENCE OF INSURANCE

Client#: 722		TYLININTE1				
ACORD™ CERTIFICATE OF LIABILITY INSURANCE			DATE (MM/DD/YY) 2/26/2014			
PRODUCER Dealey, Renton & Associates P. O. Box 12675 Oakland, CA 94604-2675 510 465-3090		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.				
INSURED T. Y. Lin International 2 Harrison Street, 5th Floor San Francisco, CA 94105		INSURERS AFFORDING COVERAGE				
		INSURER A: Hartford Fire Ins. Co.				
		INSURER B: Hartford Underwriters Ins. Co.				
		INSURER C: Aspen Specialty Ins. Co.				
		INSURER D: Twin City Fire Ins. Co.				
		INSURER E:				
COVERAGES						
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY	57CESOF1487	03/01/14	03/01/15	EACH OCCURRENCE	\$1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire)	\$1,000,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person)	\$10,000
	<input checked="" type="checkbox"/> Contract'l Liab				PERSONAL & ADV INJURY	\$1,000,000
	<input checked="" type="checkbox"/> Cross Liability				GENERAL AGGREGATE	\$2,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:					PRODUCTS - COMP/OP AGG	\$2,000,000
<input type="checkbox"/> POLICY	<input checked="" type="checkbox"/> PROJECT	<input type="checkbox"/> LOC				
D	AUTOMOBILE LIABILITY	57UENPV4294	03/01/14	03/01/15	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	\$
<input checked="" type="checkbox"/> HIRED AUTOS						
<input checked="" type="checkbox"/> NON-OWNED AUTOS						
GARAGE LIABILITY					AUTO ONLY - EA ACCIDENT	\$
<input type="checkbox"/> ANY AUTO					OTHER THAN EA ACC AGG	\$
EXCESS LIABILITY					EACH OCCURRENCE	\$
<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE					AGGREGATE	\$
<input type="checkbox"/> DEDUCTIBLE						\$
RETENTION \$						\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	57WEKO8793	03/01/14	03/01/15	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	\$1,000,000
					E.L. EACH ACCIDENT	\$1,000,000
					E.L. DISEASE - EA EMPLOYEE	\$1,000,000
					E.L. DISEASE - POLICY LIMIT	\$1,000,000
C	OTHER Professional Liability	LRA9P0114	02/27/14	03/01/15	\$1,000,000 per Claim	
					\$1,000,000 Annl Aggr.	
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS General Liability policy excludes claims arising out of the performance of professional services. PROOF OF INSURANCE FOR USE ON PROPOSALS. AN ACTUAL CERTIFICATE WILL BE ISSUED AT THE REQUEST OF THE NAMED INSURED.						
CERTIFICATE HOLDER		ADDITIONAL INSURED; INSURER LETTER: _____		CANCELLATION		
SAMPLE CERTIFICATE			SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL SEND BY MAIL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BY MAIL MAIL TO THE ADDRESS OF THE CERTIFICATE HOLDER.			
			AUTHORIZED REPRESENTATIVE 			
ACORD 25-S (7/97)1 of 1		#S891760/M890637		NMF © ACORD CORPORATION 1988		



11. ADDITIONAL ATTACHMENTS

ADDITIONAL ATTACHMENTS - SIMILAR PROJECTS

CITY OF MILTON – PARKS AND RECREATION MASTER PLAN

The City of Milton envisioned the need for an effective master planning effort to guide future development and implementation of a Comprehensive Parks and Recreation Master Plan, Birmingham Park Master Plan and Milton Trails Update. David Gjertson served as Project Manager to prepare community-driven plans to provide recommendations for implementing a comprehensive parks and recreation programming strategy and description of proposed facilities based on an analysis of level-of-service requirements. A detailed resource inventory and analysis, study of land use regulations and the development of accurate level of service standards were provided to the City of Milton. The Master Plan identified the recreational needs of the citizens of the City of Milton and it recommended strategies for implementing those needs. It will serve as a planning tool for making precise decisions concerning parks, open space, recreation facility and open space needs for the City of Milton over the next twenty (20) years.



OCONEE COUNTY - VETERANS PARK

Veterans Park was part of a Park and Recreation Master Plan.

David Gjertson served as principal designer for Veterans Park located in Oconee County, Georgia. The first step in implementing the park project was to provide a needs assessment and revenue generation strategy. The park was built in 2004-5 and includes a 34,000 square foot community center with meeting space for community use, indoor walking track and fitness area, and a gymnasium. It houses the administrative offices for the Oconee County Parks and Recreation Department. In addition, the 197 acre park offers outdoor walking trails, tennis courts, soccer fields, baseball fields and a picnic shelter.



GWINNETT COUNTY – YELLOW RIVER PARK GWINNETT COUNTY, GEORGIA

The Yellow River Park is a 565 acre passive located in the southern part of Gwinnett County near the DeKalb County line just west of Centerville, between Annistown Road and State Route 124. David Gjertson served as principal park designer and was responsible for trail locations, bridge crossing design including construction design for overlook decks, pedestrian bridges and boardwalks. An interesting aspect of the trail design included filed locating trail centerlines using a backpack GPS system while walking or riding mountain bikes. The deck overlook was designed as a cantilever wood structure that allows visitors to view Yellow River over the waterway. Other unique features of the park include the integration of equestrian, biking and hiking trails trails that intersect without running parallel or within sight lines of each other.



NOONDAY CREEK MULTI-USE TRAIL MASTER PLAN, TOWN CENTER COMMUNITY IMPROVEMENT DISTRICT, GEORGIA

The plan was part of a revitalization program for the Town Center Community Improvement District. This 6.2-mile multi-use trail connected the Bells Ferry neighborhoods to the Cobb County/Barrett Parkway intersection along the Noonday Creek corridor. Future plans will link the Kennesaw Mountain National Battlefield Park with the Noonday Creek Trail. The centerpiece of the Master Plan is the funding strategy for acquiring and administering a variety of funding sources for the project.



SR 836/I-395 ENGINEERING DESIGN SERVICES MIAMI, FLORIDA

T.Y. Lin International was awarded the contract to perform preliminary engineering design services and Owner's Representation for the new \$400 million improvements to the I-395 corridor in Downtown Miami. The project features a signature bridge spanning US-1/ Biscayne Boulevard; contributing an iconic structure to the modern day aesthetics that has already changed the skyline of the City of Miami. The scope of work consists of the preliminary bridge design and aesthetics for a proposed signature bridge and modification of the existing elevated roadway and interchange improvements with I-95. Other elements of this project include land planning, landscape design, roadway, drainage, utilities, geotechnical engineering, public involvement, environmental permitting, and a complex maintenance of traffic scheme in order to minimize disruptions to the community and users of the corridor.



CITY HALL STREETScape IN ATHENS-CLARKE COUNTY ATHENS, GEORGIA

T.Y. Lin International was retained to provide the streetscape design for one square block of downtown Athens surrounding City Hall. City Hall is a prominent Athens Landmark whose makeup consists of both local professionals and students attending the University of Georgia. The streetscape design increases shade, adds curb extensions and replaces paving and benches for a more pedestrian friendly environment. Washington Street has a wider side-walk programmed with arts activities to create an "Arts Walk."

The existing Spirit of Athens sculpture and unique Civil War double-barrel cannon are offered more prominent and accessible settings. TYLI created gathering areas to accommodate special events and plant street trees with methods that maximize growth and potential to serve as a "Green Utility." This project is part of the Athens-Clarke County Special Purpose Local Option Sales Tax (SPLOST) program.



CALLEVERDE

**SARASOTA GREENWAYS,
 BLUEWAYS, AND TRAILS PLAN
 SARASOTA, FLORIDA**

Major Plan Elements :

Master Plan

- Inventory Analysis
- Public Workshops
- Goals and Objectives
- Resource Access Plan
- Implementation Plan
- Trail Design Guidelines
- Signage Guidelines

Client: City of Sarasota, Florida

Services :

- Trails Planning
- Trailhead Design
- Visitation Guide
- Design Guidelines
- Way-Finding Plan



CALLEVERDE

**FLORIDA KEYS SCENIC HIGHWAYS
 AND TRAILS PLAN
 KEY WEST, FLORIDA**

Major Plan Elements :

Master Plan

- Inventory Analysis
- Public Workshops
- Goals and Objectives
- Resource Access Plan
- Interpretive Plan
- Implementation Plan
- Trail Design Guidelines
- Signage Guidelines

Client: Monroe County, Florida

Services :

- Trails Planning
- Trailhead Design
- Visitation Guide
- Design Guidelines
- Way-Finding Plan



CALLEVERDE

DAVIE GREENWAY
DAVIE, FLORIDA

Major Plan Elements :

- Inventory Analysis
- Public Workshops
- Goals and Objectives
- Neighborhood Connectivity
- Alignment Identification
- Preliminary Design
- Trail Design Guidelines
- Construction Documents
- Construction Administration

Client: City of Davie, Florida

Services :

- Trails Planning
- Trailhead Design
- Visitation Guide
- Design Guidelines
- Way-Finding Plan



CALLEVERDE

QUICK POINT PRESERVE
LONGBOAT KEY, FLORIDA

Major Plan Elements :

- Inventory Analysis
- Public Workshops
- Goals and Objectives
- Conceptual Master Plan**
- Final Park Master Plan**
- Program Development
- Construction Drawings
- Construction Administration

Client: Longboat Key, Florida

Services :

- Park Planning**
- Architecture
- Park Design
- Civil Engineering
- Environmental





**1501 NW 49TH STREET SUITE 203
FORT LAUDERDALE, FLORIDA 33309
T: 954.491.5556
www.tylin.com**