

**Baxter & Woodman, Inc.**

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**Crystal Lake, IL 60012**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
2019-021--01-01	RFQ - No Pricing	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Baxter & Woodman, Inc.

Item: RFQ - No Pricing

Attachments

MC\_RFQ No 2019â€ 021\_CEI Services for Beach Master Plan Phase 2.pdf



**RFQ NO: 2019-021**  
**CEI Services for Beach Master Plan, Phase 2**  
**Delray Beach**



Qualifications submitted:  
February 20, 2019



## TAB 1: Introduction





February 20, 2019

Office of the City Clerk  
City Hall (Front lobby reception desk)  
100 NW, 1st Avenue  
Delray Beach, Florida 33444

***RFQ No. 2019-021, Project 15-008 CEI Services for Beach Master Plan, Phase 2***

Dear City Officials:

The City's goal is to hire a consultant who will protect the City's interests, provide high-quality construction services, and save money with cost-effective solutions. Mathews Consulting is ready, willing, and able to fulfill these needs. Our extensive experience with managing this type of construction project in sensitive residential/commercial areas for over 20 South Florida communities, including Delray Beach, will provide the depth of resources needed to successfully complete the improvements. Our strategy for delivering success to the City includes:

- ***Responsiveness*** – successful CEI services rely on responsive service and Mathews Consulting prides ourselves on being available 24/7 throughout a project's duration. We are immediately accessible and this is demonstrated by our 24 long-term general consulting services contracts we have for clients in South Florida. Each of these contracts include CEI services and we win repeat work by being responsive throughout our projects. Please contact our references, including our past experience with Delray Beach to see how other communities have enjoyed working with our team.
- ***Leadership*** – another key component of successful CEI services is having a single point of contact. Our Project Manager, Aaron Cutler, is a certified general contractor with over 19 years of CEI experience on similar projects in FDOT ROW and within Delray Beach. Aaron will be dedicated to the City throughout the project and is committed to doing "whatever it takes" to deliver this project on time and under budget with strong communication throughout.
- ***Public Outreach*** – A multi-pronged approach will enable stakeholders to receive project updates by the most convenient means for them. This also includes how residents can give input and ask questions at any time during the project. We look forward to guiding impacted residents and businesses through this project's completion and help ease the pain of construction.

We appreciate the opportunity to present our qualifications and look forward to a continued working relationship with the City on this project and others. Please let us know if there is any additional information needed during the evaluation and selection process.

Sincerely,  
Mathews Consulting, a Baxter & Woodman Company

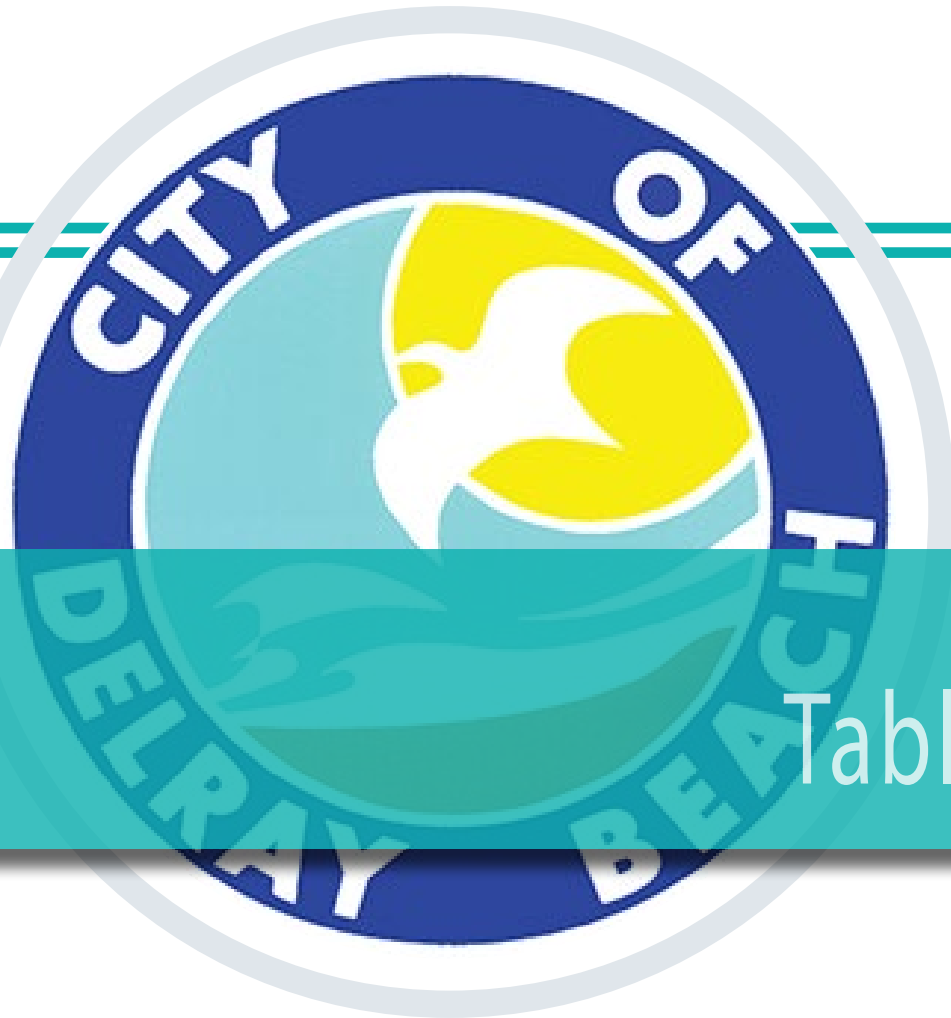
A blue ink signature of David L. Mathews, PE, written in a cursive style.

David L. Mathews, PE  
Vice President

DLM:kes

477 South Rosemary Avenue, Suite 330, West Palm Beach, Florida 33401 | 561.655.6175 | [baxterwoodman.com](http://baxterwoodman.com)

[www.baxterwoodman.com](http://www.baxterwoodman.com)



## TAB 2: Table of Contents

**CITY OF DELRAY BEACH****CEI Services for Beach Master Plan, Phase 2 • 190139.10**

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**CONTENTS**

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1. Cover Letter .....	3
2. Table of Contents .....	5
3. Minimum Qualifications .....	7
4. Proposer Information .....	13
Firm Introduction .....	13
Legal Contracting Name .....	14
State of Incorporation .....	14
Ownership Structure .....	14
Federal Employer Identification Number .....	14
Corporate Headquarters .....	15
Local Office .....	15
Years in Business .....	15
Company Owners and Principals .....	15
Primary Representative .....	16
Secondary Representative .....	16
Changes in Ownership & Leadership .....	16
5. Experience .....	19
CEI Service Experience .....	19
Proposer Team and Methodology .....	25
Team organization, SF330 E, and Licenses .....	38
Committed to Serving You .....	58
Awards and Accomplishments .....	59
6. Example Projects & References .....	61
7. Organizational Structure .....	81
Detailed Organizational Chart .....	82
Local, Available, & Committed .....	85
8. Attachments .....	87



## TAB 3: Minimum Qualifications

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## 3. MINIMUM QUALIFICATIONS

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This section provides the Minimum Qualifications as required by the RFQ. Information is organized as follows:

- a. State of Florida Department of State Certifications and Business Licenses and Certificate of Insurance with coverage levels.
- b. CEI Senior Project Engineer Professional Engineering License

*Senior Project Engineer: Carl Dorvil, PE*

- c. Senior Project Engineer, CEI Project Administrator/Project Engineer, and CEI Assistant Project Administrator/Project Engineer Civil Engineering Degrees. All team members are licensed professional civil engineers, and their licenses are included.

*Senior Project Engineer: Carl Dorvil, PE*

*Project Admin/Engineer: Mark Dachsteiner, PE*

*Assistant Project Engineer: Rebecca Travis, PE*

# *State of Florida*

## *Department of State*

I certify from the records of this office that BAXTER & WOODMAN, INC. is an Illinois corporation authorized to transact business in the State of Florida, qualified on May 2, 2016.

The document number of this corporation is F16000002059.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 4, 2018, and that 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 Fourth day of January, 2018*



*Ken Detjen*  
**Secretary of State**



Tracking Number: CU2615746936

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

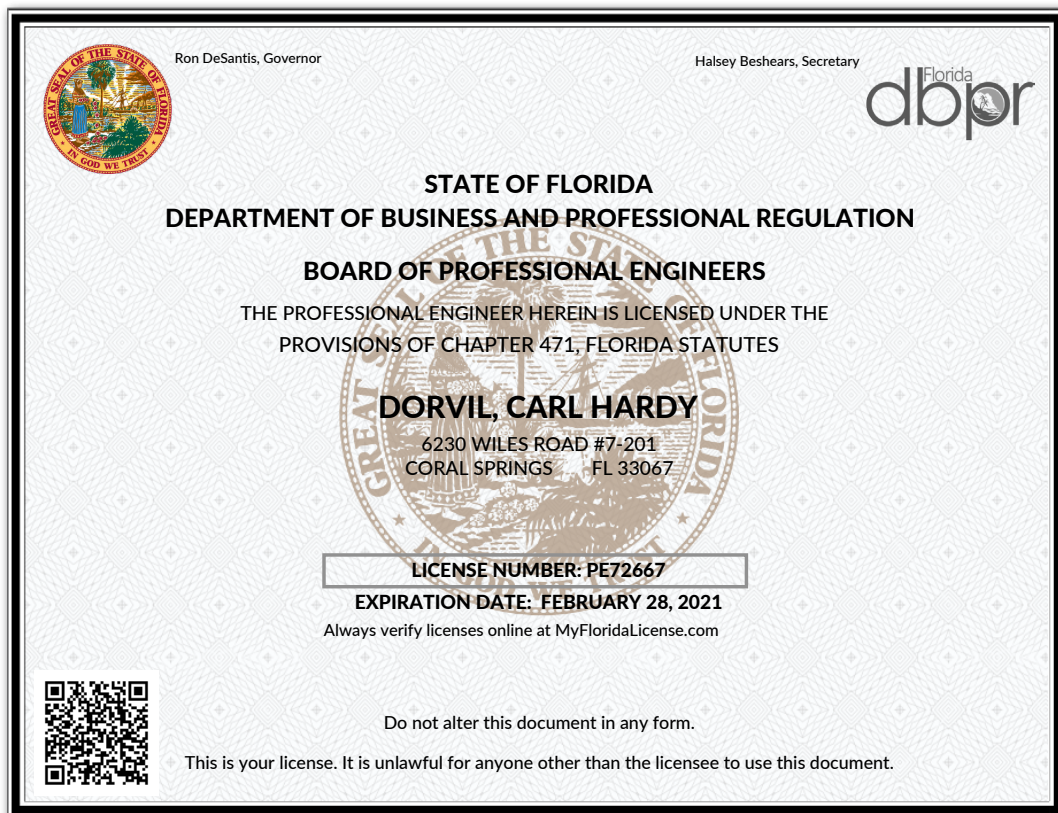
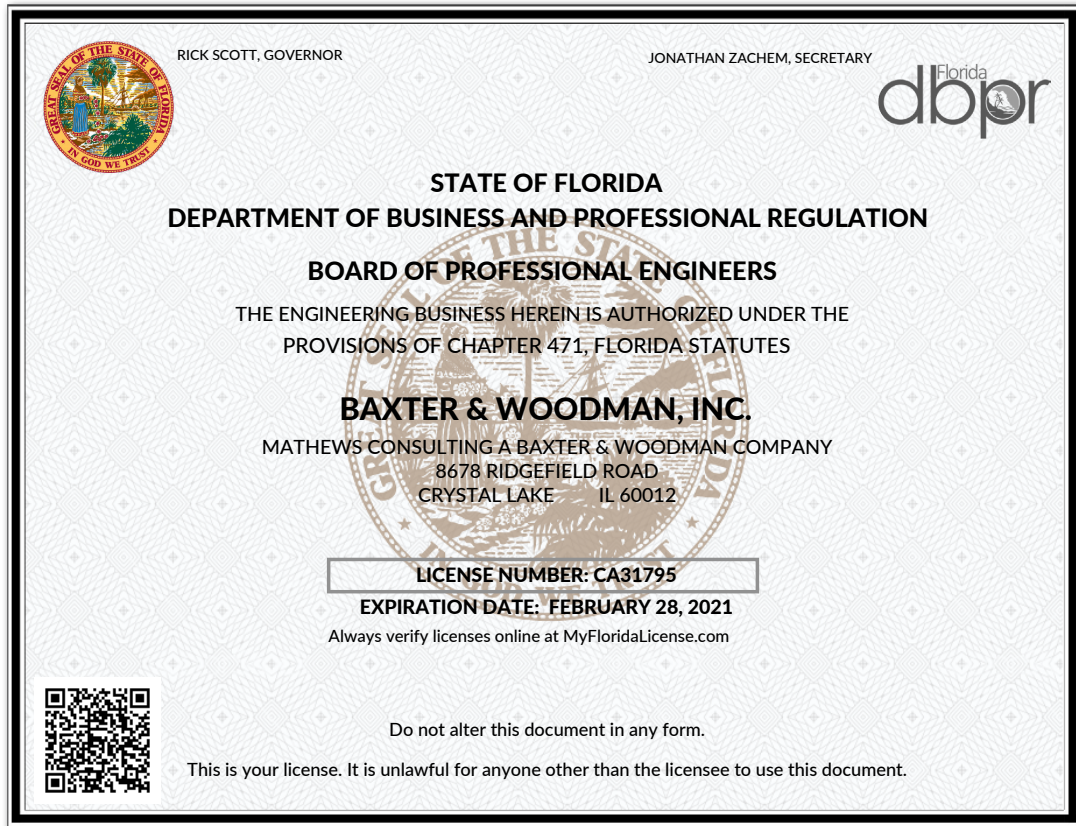
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## 3. Minimum Qualifications

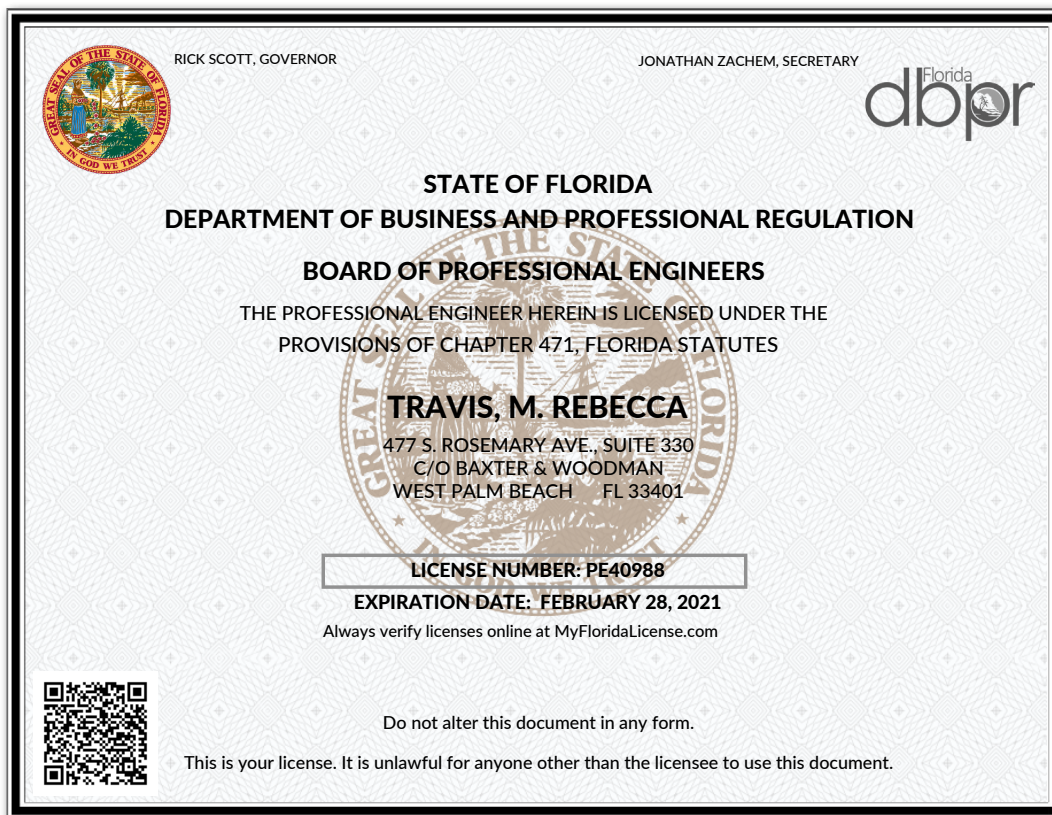
Page 9

		<b>CERTIFICATE OF LIABILITY INSURANCE</b>		DATE (MM/DD/YYYY) 12/21/2018		
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.						
<b>IMPORTANT:</b> If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).						
<b>PRODUCER</b> Risk Strategies Company 650 Dundee Road Suite 170 Northbrook IL 60062			<b>CONTACT</b> NAME: PHONE (A/C, No, Ext): (847) 412-1414 FAX (A/C, No): E-MAIL ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A: Valley Forge Ins Co NAIC # 20508 INSURER B: Continental Insurance Company INSURER C: Continental Casualty Company INSURER D: INSURER E: INSURER F:			
<b>INSURED</b> BAXTER & WOODMAN, INC 8678 RIDGEFIELD ROAD CRYSTAL LAKE IL 60012						
COVERAGES		CERTIFICATE NUMBER: CL18122196438		REVISION NUMBER:		
THIS IS TO CERTIFY THAT 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. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> primary/non contributory <input checked="" type="checkbox"/> subj to written contract GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO. <input type="checkbox"/> JECT <input type="checkbox"/> LOC OTHER:		6045872351	1/1/2019	1/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		6045872348	1/1/2019	1/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		6045872365	1/1/2019	1/1/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	6045872379	1/1/2019	1/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability		AEH591900841	1/1/2019	1/1/2020	Per Claim \$5,000,000 Aggregate \$5,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Re: All projects of the named insured subject to policy terms & conditions.						
<b>CERTIFICATE HOLDER</b> Baxter & Woodman, Inc. 8678 Ridgefield Rd. Crystal Lake, IL 60012			<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Michael Christian/CID 			
ACORD 25 (2014/01) INS025 (201401) The ACORD name and logo are registered marks of ACORD © 1988-2014 ACORD CORPORATION. All rights reserved.						











## TAB 4: Proposer Information

## 4. PROPOSER INFORMATION

This section provides our statement of organization. Information is organized as follows:

- Firm Introduction
- Legal contracting name
- State of incorporation
- Ownership structure
- Federal Identification Number
- Corporate headquarters.
- Local office
- Years in business
- Owners & Principals
- Primary representative
- Secondary representative
- Changes in Ownership & Leadership
- Litigation Summary

### FIRM INTRODUCTION

Baxter & Woodman is a forward-thinking civil engineering firm dedicated to combining sound engineering practices with emerging technologies to provide sustainable, innovative solutions. Our staff of 230+ professionals specialize in municipal engineering, transportation services, water and wastewater management, stormwater management, **construction services**, and technology services. We help build community value through safe roads and bridges, clean water supplies, and reliable wastewater treatment.

Baxter & Woodman was founded in 1946 after the firm's founding fathers, Richard Baxter and Lorrin Woodman, became friends in graduate school at Harvard University where they both studied sanitary engineering. During World War II, their paths crossed again when they were stationed together in Guam. Before their return to the States, the two men struck a gentleman's agreement – they would start up an engineering firm upon their safe return home. Making good on this agreement, in 1946, the two friends founded Baxter & Woodman Consulting Engineers in Crystal Lake, Illinois.

After WWII, the country began an era of prosperity and population growth. In response, Baxter and Woodman began providing infrastructure engineering to municipalities, state and county agencies, and sanitary districts. They focused on street, water main, sanitary sewer, and treatment plant design. They took great pride in providing personalized attention to each and every client.

Years later, much has changed – what started as a two-person operation almost 70 years ago, has transformed into a regionally recognized, thriving multi-discipline engineering firm with over 200 team members! Through it all, Baxter & Woodman staff remains committed to the core value of our founders:

***“Provide government agencies with outstanding engineering services.”***

**4. Proposer Information**

Page 14

Today, Baxter & Woodman, Inc. still practices this time-honored philosophy adopted by Richard Baxter and Lorrin Woodman decades ago! Baxter & Woodman has specialized in municipal engineering since 1946, and over 95% of our business is from various forms of government - municipalities, counties, and state agencies. With this municipal sector focus, we have developed the staff, resources, and training to provide the full range of engineering and technology services required by today's municipalities and public agencies.

In 2016, Baxter & Woodman acquired with the Florida-based engineering firm Mathews Consulting, Inc., a civil engineering consulting firm that specializes in municipal work for clients throughout South Florida. The merger expands the midwest-based firm's reach into the Florida region. The acquisition brings in-house professional planning, water and wastewater treatment, electrical, structural, GIS, information technology, transportation and surveying services into the company's Florida operations.

Baxter & Woodman's President and CEO, John V. Ambrose stated, "The two companies share similar corporate values and complement each other to make a stronger team. We have combined the planning, design, and construction expertise of both firms to continue to serve the needs of the growing Florida population."

Effective August 2016, the 18-year Florida firm operates under the name of Mathews Consulting, a Baxter & Woodman Company. Mr. David Mathews, PE serves as Vice President and Rebecca Travis, PE serves as Vice President, Division Manager.

**LEGAL CONTRACTING NAME**

The legal contracting name for our firm is Baxter & Woodman, Inc. In Florida, we operate under the DBA name of Mathews Consulting, a Baxter & Woodman Company. Our State of Florida Department of State Certification No. F16000002059 and DBA Registration No. is G16000074503.

**STATE OF INCORPORATION**

Baxter & Woodman was incorporated February 1, 1969 in the State of Illinois. The firm is authorized to transact business in the State of Florida under the Department of State Certification No. F16000002059, a copy of which is included at the end of this section.

**OWNERSHIP STRUCTURE**

Baxter & Woodman was organized as a Corporation in the State of Illinois.

**FEDERAL EMPLOYER IDENTIFICATION NUMBER**

Baxter & Woodman's Federal Employer Identification Number (FEIN) is 36-2845242.



**4. Proposer Information**Page **15****CORPORATE HEADQUARTERS**

Contact information for Baxter & Woodman's corporate headquarters are:

Address: Baxter & Woodman, Inc.  
8678 Ridgefield Road  
Crystal Lake, Illinois 60012

Telephone: 815-459-1260

Fax: 815-455-0450

Email Address: John Ambrose, President  
[JAmbrose@baxterwoodman.com](mailto:JAmbrose@baxterwoodman.com)

Website: [www.baxterwoodman.com](http://www.baxterwoodman.com)

**LOCAL OFFICE**

Contact information for Baxter & Woodman's local Florida Office is as follows:

Address: Mathews Consulting, a Baxter & Woodman Company  
477 S. Rosemary Avenue, Suite 330  
West Palm Beach, Florida 33401

Telephone: 561-655-6175

Fax: 561-655-6179

Email Address: David Mathews, Vice President Florida Operations  
[DMathews@baxterwoodman.com](mailto:DMathews@baxterwoodman.com)

Website: [www.baxterwoodman.com](http://www.baxterwoodman.com)

**YEARS IN BUSINESS**

Baxter & Woodman started its engineering business in the Year 1946 in the State of Illinois. The firm has been in business for over seventy (70) years.

**COMPANY OWNERS AND PRINCIPALS**

Baxter & Woodman is a privately held, employee-owned corporation. The company's success and integrity are determined by our employee shareholders. This corporate structure means the assigned project team has a direct vested interest in the success of each project. The corporation currently has 109 employee shareholders. All shareholders are active full-time employees.

**THE FIRM'S PRINCIPALS ARE AS FOLLOWS:**

Name	Title	Years with Firm
John V. Ambrose 8678 Ridgefield Rd, Crystal Lake, IL 60012 815-459-1260   <a href="mailto:jambrose@baxterwoodman.com">jambrose@baxterwoodman.com</a>	President/CEO	33
Louis D. Haussmann 8678 Ridgefield Rd, Crystal Lake, IL 60012 815-459-1260   <a href="mailto:lhaussmann@baxterwoodman.com">lhaussmann@baxterwoodman.com</a>	Executive Vice President/COO	21

**4. Proposer Information**Page **16**

Deborah Finn 8678 Ridgefield Rd, Crystal Lake, IL 60012 815-459-1260   dfinn@baxterwoodman.com	Executive Vice President/CMO	23
Christopher T. Sosnowski 8678 Ridgefield Rd, Crystal Lake, IL 60012 815-459-1260   csosnowski@baxterwoodman.com	Executive Vice President	21
Derek Wold 8678 Ridgefield Rd, Crystal Lake, IL 60012 815-459-1260   dwold@baxterwoodman.com	Executive Vice President	21
David Mathews 477 S. Rosemary Ave, Suite 330, West Palm Beach, FL 33401 561-655-6175   dmathews@baxterwoodman.com	Vice President	19
Rebecca Travis 477 S. Rosemary Ave, Suite 330, West Palm Beach, FL 33401 561-655-6175   dmathews@baxterwoodman.com	Vice President	16

**PRIMARY REPRESENTATIVE**

The Primary Representative for Mathews Consulting, a Baxter & Woodman Company, is as follows:

Mr. David L. Mathews, P.E., Vice President  
561-655-6175  
[DMathews@baxterwoodman.com](mailto:DMathews@baxterwoodman.com)  
Mathews Consulting, a Baxter & Woodman Company  
477 S. Rosemary Avenue, Suite 330  
West Palm Beach, Florida 33401

**SECONDARY REPRESENTATIVE**

The Secondary Representative for Mathews Consulting, a Baxter & Woodman Company, is as follows:

Ms. Rebecca Travis, P.E., Vice President, Florida Division Manager  
561-655-6175  
[RTravis@baxterwoodman.com](mailto:RTravis@baxterwoodman.com)  
Mathews Consulting, a Baxter & Woodman Company  
477 S. Rosemary Avenue, Suite 330  
West Palm Beach, Florida 33401

**CHANGES IN OWNERSHIP & LEADERSHIP**

In 2016, Baxter & Woodman acquired with the Florida-based engineering firm Mathews Consulting, Inc., a civil engineering consulting firm that specializes in municipal work for clients throughout South Florida. The merger expands the midwest based firm's reach into the Florida region. The acquisition brings in-house professional planning, water and wastewater treatment, electrical, structural, GIS, information technology, transportation and surveying services into the company's Florida operations.

**4. Proposer Information**Page **17**

Our Florida locations operate under the name of Mathews Consulting, a Baxter & Woodman Company. Mr. David Mathews, PE serves as Vice President and Ms. Rebecca Travis, PE serves as Vice President and Florida Division Manager.

**LITIGATION SUMMARY**

Baxter & Woodman has no pending litigation. In the past five years, Baxter & Woodman has not been the subject of any:

- Debarment from contracting with any governmental entity
- Professional license discipline
- Disciplinary action taken or pending against the Respondent with state regulatory bodies or professional organizations
- Bankruptcies
- Adverse civil judgments and administrative findings
- Criminal felony convictions



## TAB 5: Experience



## 5.1 CEI SERVICE EXPERIENCE

*We are committed to providing the local resources and expertise to facilitate getting your Improvements built!*

City will receive from Mathews Consulting, a team that understands construction engineering and inspection (CEI) services from our experience administering over 20 continuing engineering services contracts in South Florida, including for Delray Beach. Our services approach and standard project controls will facilitate a smooth construction schedule, minimize change orders, and keep both City staff and the stakeholders up to date on progress. We offer you proven expertise in municipal CEI contracts, established City relationships, and a solid commitment to your priorities.

***The City will benefit from our vast experience, regulatory knowledge, and professional reputation in South Florida of providing the most cost-effective engineering services based upon the following:***



- Streamlined operations to implement projects efficiently;
- Cost-effective engineering rates;
- Hands-on construction management services will minimize change-orders and scheduling delays;
- Highly experienced in the planning, design, and construction of transportation and infrastructure projects including roadway, traffic calming, streetscape, water main, gravity sewer, force main, storm sewer, and water plant improvements;
- Proven performance in meeting schedules for fast-tracked projects;
- Understanding of the local regulatory environment and working relationship with multiple area agencies and inspectors ensures timely permit approvals and certifications for construction;
- Knowledge and experience with local utilities agencies (electric, telephone, gas, cable TV, etc.) ensures that these utilities will be accountable, and accounted for, during construction activities;
- Continuity of project staff throughout the duration of each project;
- Responsive attitude means we are readily accessible to serve you at a moment's notice;
- Comprehensive public relations programs to keep residents and business owners informed on project progress including how to reach our team and provide input;
- Advocates for a sustainable future: we integrate solutions that provide a responsible balance of economic, environmental and social value; and
- We take pride in getting the job "done right the first time."

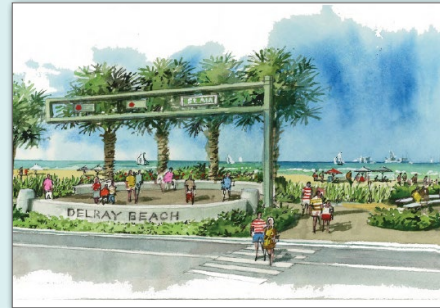
## KNOWLEDGE OF YOUR FACILITIES AND PROJECT NEEDS

Mathews Consulting has been providing Engineering Design & CEI Services for Streetscape and Infrastructure Improvements to the City of Delray Beach since 1998. The working relationships we have established with the City Staff and the excellent performance we have demonstrated on past projects are invaluable to this new Contract. The following knowledge and expertise will promote a successful project:

### YOUR BEACH MASTER PLAN:

Your Beach Master Plan improvements focus on pedestrian safety and enjoyment:

- Pedestrian Lighting
- Intersection Improvements
- Pedestrian Roadway Crosswalks
- FDOT Coordination



*We are excited to help the City turn your Beach Master Plan Vision into a reality!*

### CITY EXPERIENCE IN ROADWAY & LIGHTING:

Our team's City experience on the following successful projects with similar improvements include:

- Delray Beach NE 1st Avenue Infrastructure
- Delray Beach SW 12th Ave /Auburn Ave/SW 14th
- Delray Beach SW 12th Avenue Alleys
- Delray Beach SW 2nd Ave Streetscape
- Delray Beach SW 14th Avenue



*Turtle-friendly pedestrian lighting improves safety and also protects the natural environment.*

### PUBLIC OUTREACH IS A TOP PRIORITY:

We know the City values proactive public outreach and project websites as a way to communicate information and collect feedback from the community from our experience on:

- Delray Beach Osceola Park Neighbourhood Improvements
- Delray Beach SW 4th St., SW 6th St., and SW 7th Ave. Improvements
- Delray Beach Area 12C Reclaimed Water Main

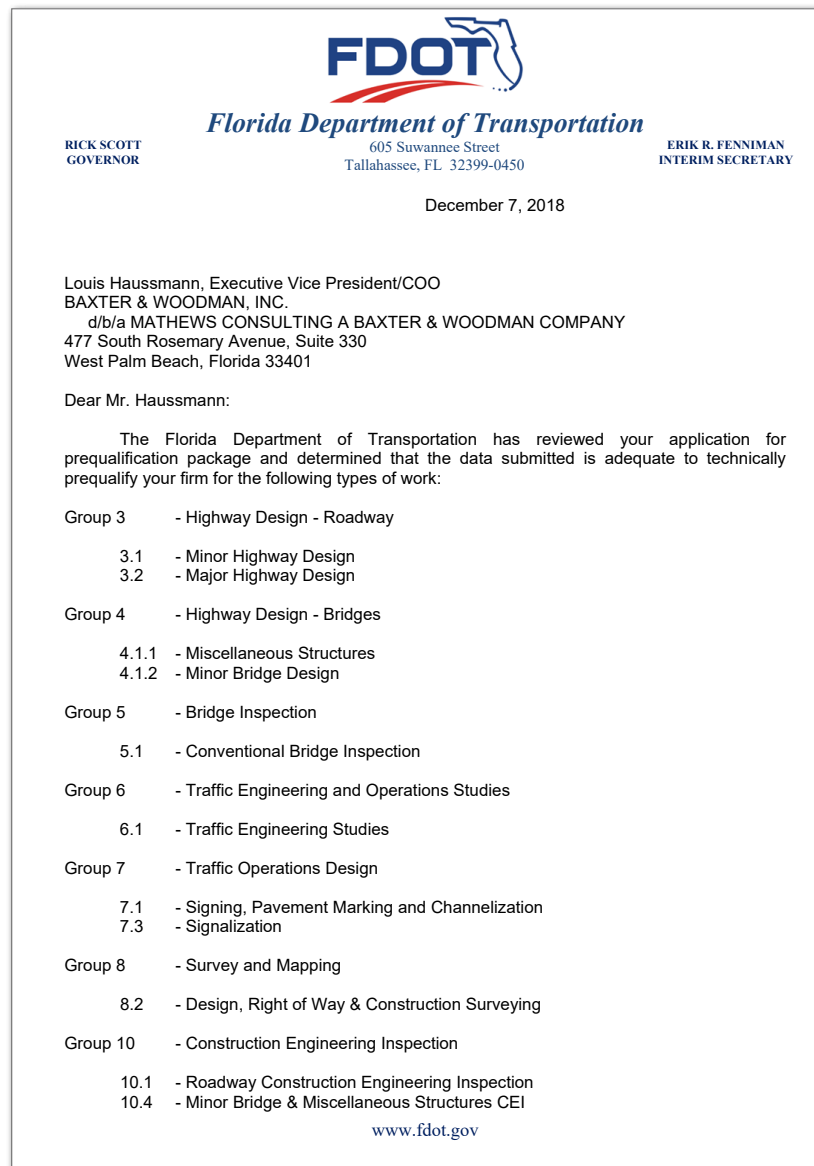


*Websites are a great way to promote the benefits to the community.*

## FDOT ROADWAY

The Baxter & Woodman team has a demonstrated record of cooperative work with state agencies including Florida Department of Transportation (FDOT). Staff from these agencies are familiar with our staff who have experience working with and for FDOT. Our team includes Carl Dorvil, who has firsthand knowledge of FDOT's policies, procedures, and preferences. Carl joined Baxter & Woodman after working for FDOT for 15 years working as a Project Manager. Over that time, he has conducted several intersection assessments, successfully managed several safety contracts, responded to inquiries from the public, served as community liaison, scoped sites for improvements, added projects to the five-year work program, and designed and managed multiple roadway projects.

We have completed numerous projects that required FDOT involvement, reviews, and approvals including Airport Road Water Main Improvements for Boca Raton, A1A Water Main Improvements for Pompano Beach, and Lantana Road/I-95 Interchange Modifications for Lantana. We are prequalified in the following categories:



### CEI RELATED EXPERIENCE

The City of Delray Beach needs a consultant who will work as a partner with the City's staff – one who will be a proactive extension of your staff. Mathews Consulting has a solid track record of partnering with local municipality clients to deliver the high level of personal service you desire. We are structured to allow for a long-term commitment of specific staff to serve your needs. We have developed and refined our approach to continuing service contracts and offer you the advantages of our partnering philosophy. We currently provide Construction Engineering and Inspection Services under continuing General Contracts to the following municipalities:

- ***City of Delray Beach***
- Pompano Beach
- Town of Gulf Stream
- Palm Beach County Water Utilities
- City of Boca Raton
- City of Riviera Beach
- City of Lake Worth
- Town of Highland Beach
- Martin County
- Lauderdale-by-the-Sea
- City of Tamarac
- Florida Keys Aqueduct Authority
- Loxahatchee River District
- Town of Lantana
- City of West Palm Beach
- City of Lauderhill
- City of Marathon
- Monroe County

### STREETSCAPE AND PEDESTRIAN FACILITIES

Our CEI service experience includes complex rehabilitation and renewal for aging high profile residential areas, main corridors, and business district thoroughfares. Components typically include replacing aging underground utilities, new roadway configuration, curbing, traffic calming, sidewalks, landscaping, irrigation, and decorative street lighting. Often extensive public outreach programs are assembled to communicate benefits to the public. Our experience includes:

- City of Delray Beach
- City of Tamarac
- City of West Palm Beach
- City of Lake Worth
- City of Riviera Beach





## 5.1 Cei Service Experience

Page 23

### LIGHTING

For lighting inspection we have teamed with familiar partners Electrical Design Associates, Inc. (EDA). Our proven team has collaborated on multiple projects in South Florida and in Delray Beach.

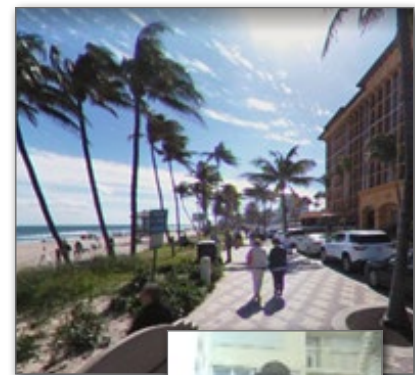


Electrical Design Associates, Inc. is a small-sized consulting engineering firm specializing in electrical and instrumentation design for primarily the public sectors. They are a Certified Minority/Women Business Enterprise with offices in Palm Beach, Hillsborough, and Orange Counties. Their present staff includes registered electrical engineers, instrumentation designers, designer/cadd technicians, and a field supervisor. Municipal lighting projects includes recreational facilities and parks, active and passive facilities throughout the State for several municipalities including but not limited to City of Delray Beach, Village of Wellington, Port St. Lucie, Palm Beach County, Parkland, the City of Fort Lauderdale, Miramar, Pompano Beach, City of Sunrise, Martin County, Miami-Dade County, Lake Mary, North Miami Beach, Daytona Beach, the Town of Davie, Miami Beach, FDOT, as well as Florida Atlantic University. We have also been involved in the design of multiple roadway lighting improvements throughout the Cities such as the City of Aventura, improvements which included the installation of a custom manufactured decorative pole mounted fixture along the City streets, decorative walkway bollards along a three mile jogging path, landscape lighting to further accent the beauty of the City and Entry Features welcoming visitors to "The City of Excellence".

### Turtle-Friendly

EDA is currently providing lighting design services for the City of Dania Beach. The design is being completed based on turtle-friendly LED type fixtures in accordance with City ordinances, IES recommendations and the NEC.

EDS takes pride in the fact that while they are a small sized firm, they utilize state of the art computerization to accomplish our design projects and project management. The use of CADD systems provides us with enhanced production quality, lower operating costs and closer engineer participation thereby ensuring a higher quality product for the owner.



To reinforce our emphasis on quality in all our designs, the company uses an internal quality assurance/quality control system and interfaces with designers from complimentary disciplines to review standards and specifications for specific project needs.

Electrical Design Associates, Inc. is staffed to provide electrical and instrumentation/control engineering services from inception through design, bid, and construction completion.

## GEOTECHNICAL SERVICES

For geotechnical and soils investigations we have teamed with familiar firm Terracon, Inc. The Terracon Team has over two decades of experience in the City of Delray Beach and nearby locales. They are experienced in both public and private sector work and the typical specifications and construction methods for these project types in this geographic area. Their project experience is extensive and varied, including roads, buildings, parks, and utilities. The firm (formerly doing business as Dunkelberger Engineering & Testing) performed materials testing services for the City, in a prime consultant capacity, that have included: SW 2nd Avenue, barrier island infrastructure improvements, SW area improvements, Delray Beach Golf Course reclaimed water, and Sherwood parking.



## 5.2 PROPOSER TEAM AND METHODOLOGY

### UNDERSTANDING YOUR NEEDS



At this time, the City is looking to secure Construction Engineering Inspection (CEI) services to facilitate completing improvements on-time, under-budget, and **with strong stakeholder outreach throughout**. Mathews Consulting, a Baxter & Woodman Company (Mathews) has been providing CEI services to Delray Beach and other clients in South Florida for the last twenty years. We will continue to deliver success to the City by:

### STAFFING IMPROVEMENTS WITH A FAMILIAR, EXPERIENCED, & LOCAL TEAM

Construction Manager **Aaron Cutler, CGC** has over 19 years of experience in all facets of construction management including dozens of roadway resurfacing projects. Aaron will act as the City's primary point of contact while the project is underway and is available 24/7 to support the project's completion. Aaron will be supported daily by an experienced Construction Inspector with extensive roadway inspection experience and expertise.

Senior Project Engineer **Carl Dorvil, PE**, joined our team after working for FDOT for 15 years as a Project Manager. Over that time, he has conducted several intersection assessments, managed successfully several safety contracts, responded to inquiries from the public, served as community liaison, scoped sites for improvements, added projects to the five-year work program, and designed and managed multiple roadway projects.

Project Administrator/Contract Specialist **Mark Dachsteiner, PE** will support Aaron during the project and provide the City with another local, senior contact available throughout the project's construction. Overseeing our Broward County office, Mark will lead the project's public outreach. Mark has 30 years of municipal engineering experience with a focus on resident engagement and customer service.

Assistant Project Engineer and Senior Transportation Engineer **Rebecca Travis, PE** has over 30 years of roadway engineering experience and has been the Engineer-of-Record for over \$250 million of projects in South Florida. Rebecca will use her extensive expertise to support the City during

## 5.2 Proposer Team And Methodology

Page 26

the bidding and negotiation phase, be available to immediately respond to any design concerns encountered during construction, and support timely receipt of required agency certifications.

Our inspection team includes ***Rick Adams (Senior) and Brad Stoecker***, both with over 15 years of experience including Delray Beach and DOT roadway, drainage, and infrastructure construction projects. This project team's extensive experience allows them to anticipate potential issues before they develop into problems. This proactive approach has proven to minimize project delays.

### APPROACH AND METHODOLOGY:

Mathews Consulting's primary focus for the past 20 years has been to provide excellent service to our municipal and government clients. We look forward to implementing our project management philosophy in the City including our holistic project approach highlighted below, outstanding team members, construction management experience on numerous underground utilities (water, wastewater, stormwater), water treatment plant, public outreach, transportation, traffic, streetscape, and other municipal engineering services.

Our project approach involves the following primary tasks:

- Project Kick-Off
- Public Outreach
- Construction Administration
- Construction Observation
- Final Certification
- Quality Assurance/Quality Control

#### Project Kickoff

Mathews Consulting Team members will attend a notice-to-proceed kick-off meeting with the primary objectives of developing a clear understanding of the scope of work and the key concerns of all project participants, obtaining relevant information that may be available from the City, and establishing proper communication between Mathews Consulting's construction team and the City's staff.

#### Public Outreach

As with any infrastructure improvement project, including underground utility infrastructure improvements in residential neighborhoods or business districts, positive public relations are a vital aspect of the program.

Our approach to public outreach is to keep the public and City Officials informed and involved. By using a proactive "Good Neighbor" approach with the public, the City can generate a partnering relationship with the affected residents. This can be done by keeping the public aware of project scope, road closures, schedules, and benefits of projects through handouts, flyers, website updates, social media, and other tools. We will tailor the public relations campaign to meet the project-specific needs of the City.



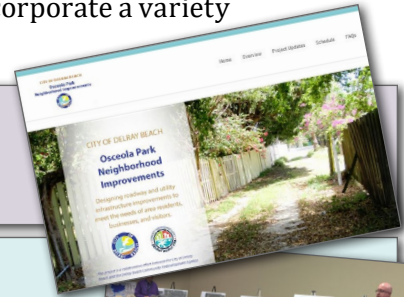
## 5.2 Proposer Team And Methodology

Page 27

We understand that the public matters when it comes to a successful project. At the heart of the project are a series of tactics that will serve as the implementation component of the public education and outreach program. These tactics are summarized below and incorporate a variety of public education outreach techniques.

### PROJECT WEBSITES

- Customized project webpages that work well for large-scale projects. Efficient to update, these sites keeps anyone interested up to date!



### CONSTRUCTION OPEN HOUSE & PROGRESS MEETINGS

- Public pre-construction open house to provide initial construction information.
- Weekly meetings of construction staff to monitor the progress and record the



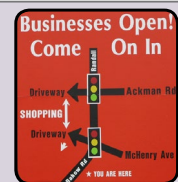
### COMMUNITY MEETINGS & VISITS

- Monthly “Coffee with the Crew” information sessions held once in the morning and again in the evening to accommodate the schedules of business owners, Chamber of Commerce staff, municipal and school officials, and other community leaders.
- Supplement with regular visits by staff to individual businesses, schools, etc. to address concerns, and distribute flyers or other information.
- Attend local Chamber of Commerce meetings; provide information for their newsletter or weekly e-blast.



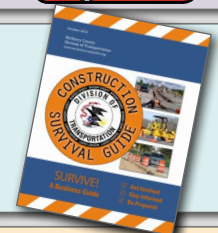
### TRAFFIC CONTROL & ENTRANCE SIGNAGE

- Utilize changeable message boards, temporary direction guides, and other clearly visible signage to alert motorists, customers, and delivery personnel to changing lane configurations and direct them to entrance access points.



### CONSTRUCTION SURVIVAL GUIDE

- Update a project specific Construction Survival Guide created by Baxter & Woodman with information and suggestions tailored for the impacted residents/business owners.
- Have printed copies available for distribution or downloadable from the website.



### SOCIAL MEDIA UPDATES & ELECTRONIC ALERTS

- Post regular updates to a dedicated project Facebook page and/or Twitter feed.
- Utilize a messaging program, such as TextCaster or Nixle, to provide real-time traffic notifications via text message and/or email.



### DRONE VIDEO IMAGERY

- Document construction progress and provide the public with an aerial understanding of construction traffic control, including detours.
- Display a “time lapse” progression where the same flight is used to record at various stages of the project and overlaid onto earlier videos.



## 5.2 Proposer Team And Methodology

Page 28

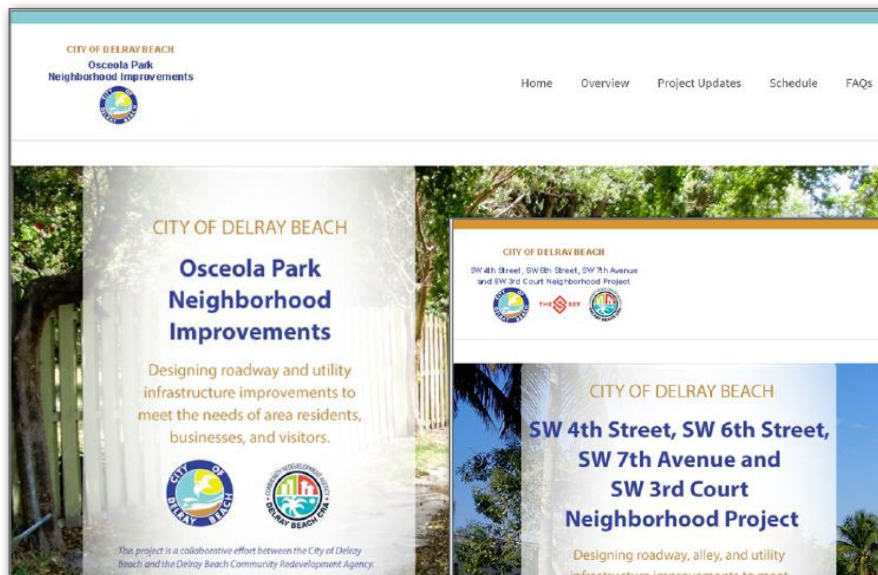
In addition, Mathews Consulting has provided other public outreach tools/materials:

- ◇ Develop presentations and provide speakers to attend public meetings;
- ◇ Post project updates on the City's website;
- ◇ Establish and maintain a project telephone information line;
- ◇ Prepare traffic advisory flyers;
- ◇ Prepare project press releases and project fact sheets; and,
- ◇ Develop and distribute a project newsletter.

The objective of the strong public outreach program is to convey information to the public and interested groups. By using a multi-faceted approach to convey information, the success of the effort is optimized. For example, individuals wanting specific information about a certain area of the project may feel more comfortable leaving a message on the telephone information line, instead of asking a speaker a question in front of a group, or sending an email or written letter.

**Combining several techniques in conveying project information to the public creates an optimal approach and gives the City the opportunity to reach more customers.**

***Two ongoing project websites THE DELRAY BEACH demonstrate our public relations outreach capabilities:***



<http://osceolaparkproject.com>



<http://sw4thstreet.com>

### Services During Construction

Close supervision and documentation is required to ensure that quality construction is provided. Mathews Consulting provides full service planning, resident inspection, management startup, operations, and maintenance of construction projects. The Mathews Consulting Project Team has conducted comprehensive construction management services on various municipal utility projects in South Florida. Our experience includes construction of environmental and public works facilities, including wastewater/water treatment plants, pumping stations, underground utility pipeline infrastructure projects, drainage facilities, neighborhood infrastructure projects, parks, and streetscape/beautification projects.



Mathews Consulting is available to provide in-house construction administration throughout the construction contract period(s). We will work with City staff to structure our construction management services (CMS) to fit your needs. In that way, we can work jointly with the City to cover necessary facets of CMS without spending duplicate time (and cost). These services may include the following for each of the projects:

- ◊ Conduct pre-construction conferences;
- ◊ Process detailed construction shop drawing submittals;
- ◊ Administer the City's contract with the Contractors and ensure all contract conditions are met;
- ◊ Interpret and clarify plans and specifications throughout construction;
- ◊ Monitor and ensure the Contractor(s) obtain all governmental and regulatory permits, inspections, and approvals;
- ◊ Conduct site visits and direct construction meetings with the Contractor;
- ◊ Conduct monthly progress meetings;
- ◊ Review and approve monthly Applications for Payment;
- ◊ Field questions and phone calls from residents during construction;
- ◊ Review Construction Schedules;
- ◊ Review monthly record drawings;
- ◊ Observe initial operations and performance tests required by specifications;
- ◊ Respond to Contractor's request for information (RFI);
- ◊ Advise on negotiations with Contractors involving changes in extent or amount of contract or changes in design;
- ◊ Prepare and process change orders involving changes in approved design;
- ◊ Assist City regarding any construction claims;
- ◊ Certify construction completion to the various permitting agencies;
- ◊ Provide substantial and final completion inspections, prepare substantial completion punch list, Advise City of Final Acceptance;
- ◊ Transmit all project closeout documentation to the City;
- ◊ Prepare certificate of completion of construction; and,
- ◊ Ensure accurate Record Drawings are completed by the Contractors for the project.

### Observation by Experienced Resident Engineers

Mathews Consulting is prepared to provide complete construction inspection/resident engineering services to oversee construction activities in the field as desired by the City or act as an extension of your in-house staff.

#### RESIDENT ENGINEERS' SKILLS AND EXPERIENCE:

- Serve as the Consultant's liaison with the contractor(s) and City staff;
- Conduct on-site observations of the work in progress to assist the City in determining if the work is proceeding in accordance with the Contract Documents, and that completed work conforms to the Contract Documents, endeavoring to guard the City against defects and deficiencies in the work. Report in writing to the City whenever Consultant believes that the work is unsatisfactory, faulty, defective, or does not conform to the Contract Documents, or does not meet the requirements of inspections, tests or approval required to be made, or has been damaged prior to final payment;
- Coordinate, supervise, and review material sampling and testing, including concrete and soils testing, where appropriate;
- Coordinate the establishment of necessary surveying consistent with requirements of the specifications;
- Accompany visiting inspectors representing public and regulatory agencies having jurisdiction over the project, record in writing, the outcome of these inspections and report same to the City;
- Consider and evaluate the Contractor's suggestions for modifications during construction and report them to the City (in writing). Consultant shall make recommendations to the City for action;
- Witness all testing and/or procedures as required by the Contract Documents;
- Review as-built (Record Drawings) information from the contractor(s) to confirm conformance to the Contract Documents;
- Consultant shall provide to the City copies of the Resident Engineer's daily inspection reports and digital photographs. Daily inspection reports and photographs shall be sent to the City via email on a weekly basis;
- Resident Engineer shall work with the contractor(s) and City inspectors to develop and implement a Daily Quantity Sheet (based on the City approved Schedule of Values) to be reviewed and accepted each day, agreeing to the quantities of the items installed, completed, and accepted, Consultant shall utilize this information to verify material quantities on monthly Applications for Payment; and,
- Attend Substantial Completion and Final Completion walk-throughs and verify that all punchlist items are completed by the contractor(s).



Each of our field representatives receives ongoing safety training to promote awareness of best practices to keep themselves safe and document site conditions for YOU.



## PROJECT CONTROLS

Mathews Consulting maintains detailed documentation and open lines of communication with clients and contractors to minimize the potential for claims during construction. Our approach to construction administration is to stay on top of the contractor's activities, identify conflicts before they cause delays and change orders, and keep the project on schedule.



The overall contract will be administered by our Project Manager Aaron Cutler, CGC who is a Vice President has the direct authority to commit the resources as required for the successful completion of the project(s). He is responsible for maintaining full knowledge of all aspects of the project. Our project management framework results in direct lines of communication and responsibility, and allows for simple project coordination. Aaron will be "hands-on" during the construction of the project under this contract with the City. Our Construction Manager will be answerable and responsive to the City at all times.

### Communication is a Cornerstone of Success

Communication will be the most important component of this construction contract. The success of most projects depends upon the ability to use communication tools to streamline the distribution of information to the Construction Team (Construction Manager, City, Contractor, and Engineer of Record) in a timely manner.

## SHARING TOOLS: City Document Exchange

Mathews Consulting will design and maintain a protected **Project Document Exchange website** that allows the team 24-hour access project specific files:

- Plans and permits
- Updated project schedule
- Contractor's 2-week look ahead schedules
- Reviewed shop drawing submittals
- Project meeting minutes
- Contractor RFI's
- Testing reports
- Daily reports

Each user of the website will be given a special User ID and Login Password for access to the website.



## 5.2 Proposer Team And Methodology

Page 32

Mathews Consulting's Construction Manager will also implement clear lines of communication which will follow the requirements of the contract documents. All written communication from the Contractor will be sent to the Construction Manager. Mathews Consulting's Construction Manager will forward all relevant information to the City and/or to the Engineer of Record for any significant design issues. All correspondence from the Construction Management Team will be sent by Mathews Consulting to the Contractor.

Mathews Consulting's Construction Manager will also prepare and distribute to the Project Team Monthly Progress Meeting Minutes, which will cover all significant project items and track any project issues from start to finish. These will be issued within 48 hours of the meeting and posted on the Project Document Exchange website.

### Schedule Controls

Reviewing and evaluating the construction schedule - including the baseline schedule, monthly schedule updates and revisions, and 2-week look ahead schedules – is integral to this project(s) successful completion. Mathews Consulting's Construction Manager examines schedules to identify variances between scheduled and probable completion dates of activities, as presented by the Contractor, so that we can analyze the effect on the overall project completion.

In conjunction with schedule review, we provide recommendations to the Contractor relevant to the adequacy of their personnel performing construction tasks. We make observations regarding the availability of equipment and materials necessary to execute work efficiently and effectively. These elements ultimately determine a construction schedule's success or failure. The following steps will be implemented on these construction projects for the City:



- Mathews Consulting's Construction Manager will request the contractor to provide a Baseline Critical Path Method (CPM) Construction Schedule as a formal Shop Drawing Submittal prior to Construction.
- The CPM Schedule provided by the Contractor will include the entire group of electronic files so that the schedule logic can be analyzed by Mathews Consulting during the review process.
- The CPM Schedule must include at a minimum all work activities showing the baseline start column and baseline finish date column in calendar days. The Contractor's CPM Schedule shall include a column displaying the amount of float time available and a column displaying percentage to completion.
- The CPM Schedule will be reviewed and approved based on conformance to contract milestone dates, logical phasing and succession of the work, material procurement and delivery, achievable crew production rates, permitting certifications, and project closeout and completion.
- The Contractor must provide a Monthly Updated Schedule with each Pay Request. Two columns

will be added to the monthly updated schedule for “Actual Start” and “Actual Finish” to track schedule progress. The Baseline Column will remain fixed.

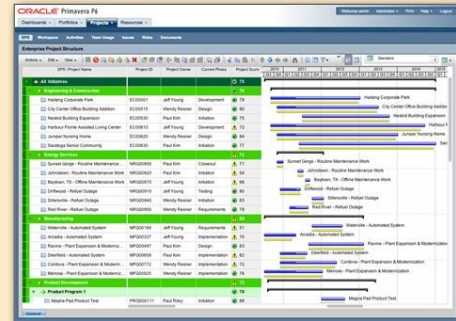
- Mathews Consulting’s Construction Manager will monitor the Contractor’s Schedule and notify the City in writing when the Contractor appears to be behind schedule. Mathews Consulting will also request from the Contractor a Revised Schedule or a Schedule Recovery Plan if deemed necessary. The pay application will not be approved until a schedule recovery plan is submitted.

## P6 PRIMAVERA PROJECT PLANNER

We are avid users of P6 Primavera Project Planner. This tool is easy to use and intuitive without sacrificing the powerful sophistication of high-end project management software. P6 is a multi-user product that operates on network allowing users to share data with other network users, and anyone who manages projects using Primavera software. The unique features of P6 are:

- Project Modeling
- Scheduling
- Resource and Cost Management
- Reports and Graphics
- Data Exchange
- Add-on products

These features will ensure proper documentation is maintained to report progress of work for this construction project.



Our Construction Manager will review schedule compliance on a bi-monthly basis at project schedule control meetings and take appropriate action to prevent slippage when it first becomes apparent.

## Budget Controls

The dollar value awarded to the Contractor based on their bid is considered the Construction Budget for a specific construction time-frame. The goal of construction budget management is to control the project costs within the approved budget and deliver the expected project goals. Mathews Consulting’s definition of a successful construction project is: the project is constructed on schedule and budget, and once delivered, it meets the quality expectations of the Owner and regulatory agencies.

Examples of procedures that Mathews Consulting’s Construction Manager will administer to ensure that the Project stays within budget are as follows:

- Close daily review and measurement of field quantities by our resident inspector (RPR) are discussed with the Contractor’s Superintendent on a weekly basis. Mathews Consulting provides a weekly spreadsheet based on the approved schedule of values so that pay item quantities are accurately tracked in the field on a daily basis.



## 5.2 Proposer Team And Methodology

Page 34

- Mathews Consulting will provide a detailed review of the Contractor's Pay Application for incorrect quantities, mathematical errors, and percentage of pay item completion. When completion percentages exceed the project progression, the City will be notified to discuss and determine what action is needed.
- Our Team will respond in a timely manner to any Contractor claims or request for additional compensation. Mathews Consulting has significant experience resolving these types of claims and will not recommend approval of any such claim unless the claim is completely warranted and the procedures for filing such a claim listed in the contract documents are followed.
- We closely monitor the Contractor's schedule so that the project can be completed in the most timely and cost effective manner.
- Lastly, we establish a respectful working relationship with the Contractor to effectively resolve potential issues during construction that meet the City's and/or Engineering Standards, but can also be done in a practical and timely manner, and that doesn't create additional costs or time on the Contractor.

### Understanding of Project Contingency

Construction Contingency is a predetermined amount of funds or percentage of the contract set aside in a pay item allowance to be utilized for unpredictable changes (e.g. unforeseen conflicts) in the project. A contingency is a helpful risk management tool that financially prepares Owners for addressing risk within the project. If managed properly, a contingency can provide a safeguard for the Owner to complete the project within budget and time. Any contingency monies not used during the course of construction are returned to the Owner. Control of the contingency money is a combined responsibility of the City and Mathews Consulting's Construction Manager. Mathews Consulting will determine if an undefined or City requested change should be charged against the contingency and then include the City in the final decision making process of using the contingency fund. The following steps would be implemented:



Control of the contingency money is a combined responsibility of the City and Mathews Consulting's Construction Manager. Mathews Consulting will determine if an undefined or City requested change should be charged against the contingency and then include the City in the final decision making process of using the contingency fund. The following steps would be implemented:

- Mathews Consulting's Construction Manager will prepare Work Change Directives when approved to provide compensation to the Contractor for unforeseen conflict resolutions or for City requested changes.
- The Work Change Directives will be required to be signed by all parties and will include a description of the work, complete cost breakdown, and backup documentation.
- If approved, the Work Change Directives will be broken out into separate line items on the Contractor's Pay Application under the Construction Contingency Item.
- Mathews Consulting's Construction Manager will maintain a log of all Construction Contingency



Work Change Directives to be discussed at Monthly Meetings. The Work Change Directive Log will display the description and amounts of all Work Change Directives along with the original contingency amount and an updated contingency balance.

### Change Order Controls

It is our goal to proactively approach potential change orders and/or delays. We utilize our experience in cost estimating, constructability engineering, and construction to identify any potential changes before they require formal resolution. If these safeguards are unable to prevent potential changes and/or delays, we have the personnel and resources available to thoroughly assess project impacts. Our experience with diverse projects allows us to draw upon numerous solutions for varied conditions, with the result being minimal impact to project cost and the schedule. If a change order is deemed necessary by Mathews Consulting, the following steps will be implemented:

- Mathews Consulting's Construction Manager will prepare a formal Change Order to be signed by all parties, and will authorize the Contractor to proceed with the additional work. A Change Order will be prepared if there is a significant change in work to the Contractor's scope that amends the original Contract Sum or Contract Time. The cost of such work will either exceed or be determined by Mathews Consulting and the City to not be covered by Construction Contingency.
- The Contractor must provide to Mathews Consulting's Construction Manager a written description of the change, and provide a complete cost breakdown with all backup documentation.
- Mathews Consulting's Construction Manager will review the Contractor's Change Order Request and, if necessary, negotiate with the Contractor to obtain an acceptable cost prior to making a formal written recommendation to the City.

### Conflict Resolution Methods

We establish clear lines of responsibility among our own administrative and field inspection staff to perform the various functions and procedures required by our clients. Timely and accurate record-keeping ensures that we react to any situation that may arise - providing our clients with the best defense against potential contractor claims. However, we firmly believe that honest and fair settlement of disputes can be achieved during construction (which is preferred to costly and time-consuming litigation). To that end, our firm is diligent at providing a clear record of events that follow established procedures to document situations that may result in disputes. We have an excellent record on past projects and have successfully worked with our clients to minimize, if not eliminate, claim situations.



## 5.2 Proposer Team And Methodology

Page 36

Construction disputes, when not resolved in a timely manner, can become very expensive in terms of finances, personnel, and time. Our approach is to first diagnose the issue and then select the least invasive procedure that will correct it and allow construction to move forward. We do this by following the **Conflict Resolution Flow Chart (shown right)**.

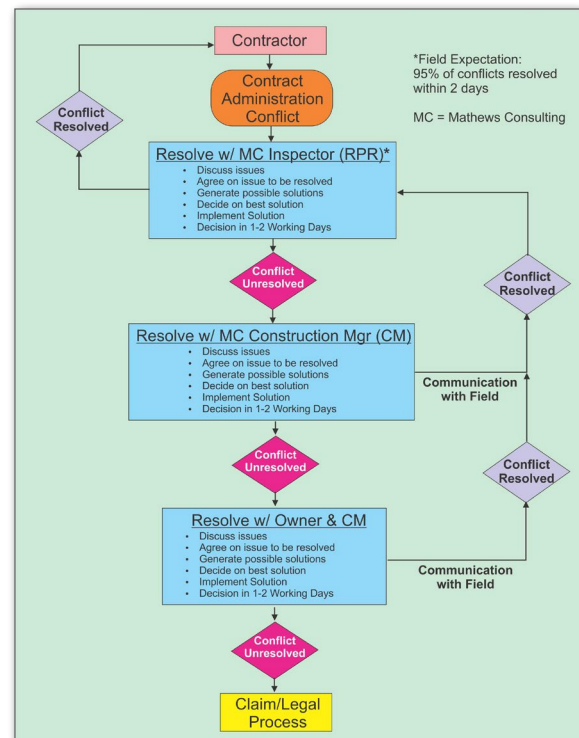
The first step after the conflict is identified is to try to resolve the issue in the field with our RPR. The Contractor shall immediately notify Mathews Consulting's Resident Project Representative (RPR) and within 24 hours notify the Mathews Consulting's Construction Manager in writing and prior to proceeding with any work which the Contractor believes constitutes a differing site condition with respect to:

1. Undefined underground conditions (utilities abandoned and not marked, existing utilities not marked, etc.) at the jobsite differing from those indicated in the Contract; or
2. Unknown physical conditions at the jobsite, of an unusual nature (e.g. muck layer, large rock formations, etc.), differing from those ordinarily encountered in work of the character provided for in the Contract.

Mathews Consulting's Construction Manager will notify the City and Engineer of Record (if necessary for critical design issues), promptly investigate such condition, and discuss with the City and Contractor to determine a reasonable resolution.

The second step, if the conflict is unresolved, is for our Construction Manager to hold a specific meeting with the Contractor to resolve the issue. The third step, if the conflict is still unresolved, is to have a meeting with the City's Project Manager and discuss the issues. Typically, in construction of our projects, 95% of the conflicts are resolved in the field within 2 working days (most of the time within a few hours). Very rarely does the fourth step occur with a construction claim and initiation of the legal process. This step is usually negotiated between the Contractor's attorney and the City's attorney, with input from our Claim's Coordinator, without having to proceed to the Court system.

The City may also want to implement a partnering process for the construction of the projects, in which a cooperative



**We have found that the best practices for dispute resolution include flexibility, early intervention, and working through issues so that construction can move forward.**

## 5.2 Proposer Team And Methodology

Page 37

team approach is implemented at the beginning of the project between all parties. Partnering is a voluntary process that includes working together as a team, developing a common set of project goals that the combined construction team supports, open communication and access to information, empowering participants to resolve issues at the lowest appropriate organizational level, reaching decisions and solving problems quickly and by consensus, and maintaining the relationship throughout the project.

The Conflict Resolution Flow Chart will be introduced at the pre-construction meeting to the Construction Management Team and the Contractor so that everyone has a clear understanding how conflict resolutions will be handled during the course of the project.

### Professional Ethics

Mathews Consulting's policy is to uphold the highest ethics for all actions and work products implemented by the company in conducting our daily business activities. Rebecca Travis, PE, the West Palm Beach Region Manager, is responsible for overseeing the ethics practice of the firm and our employees. The firm has developed an "Employee Manual" which details company policies and procedures, including the requirements for each employee to maintain proper ethics in performing their duties. The Manual specifically prohibits the disclosure of confidential information from our clients, and prohibits the acceptance of gifts and gratuities from any source which could, in any way, be construed as interfering with impartial and objective execution of one's duties. Each employee is required to sign an acknowledgement that they have read and agree to follow all policies of the company Employee Manual.

Our Firm's ethics policy will ensure there are no conflicts of interest or improper performance in completing engineering services under this contract.

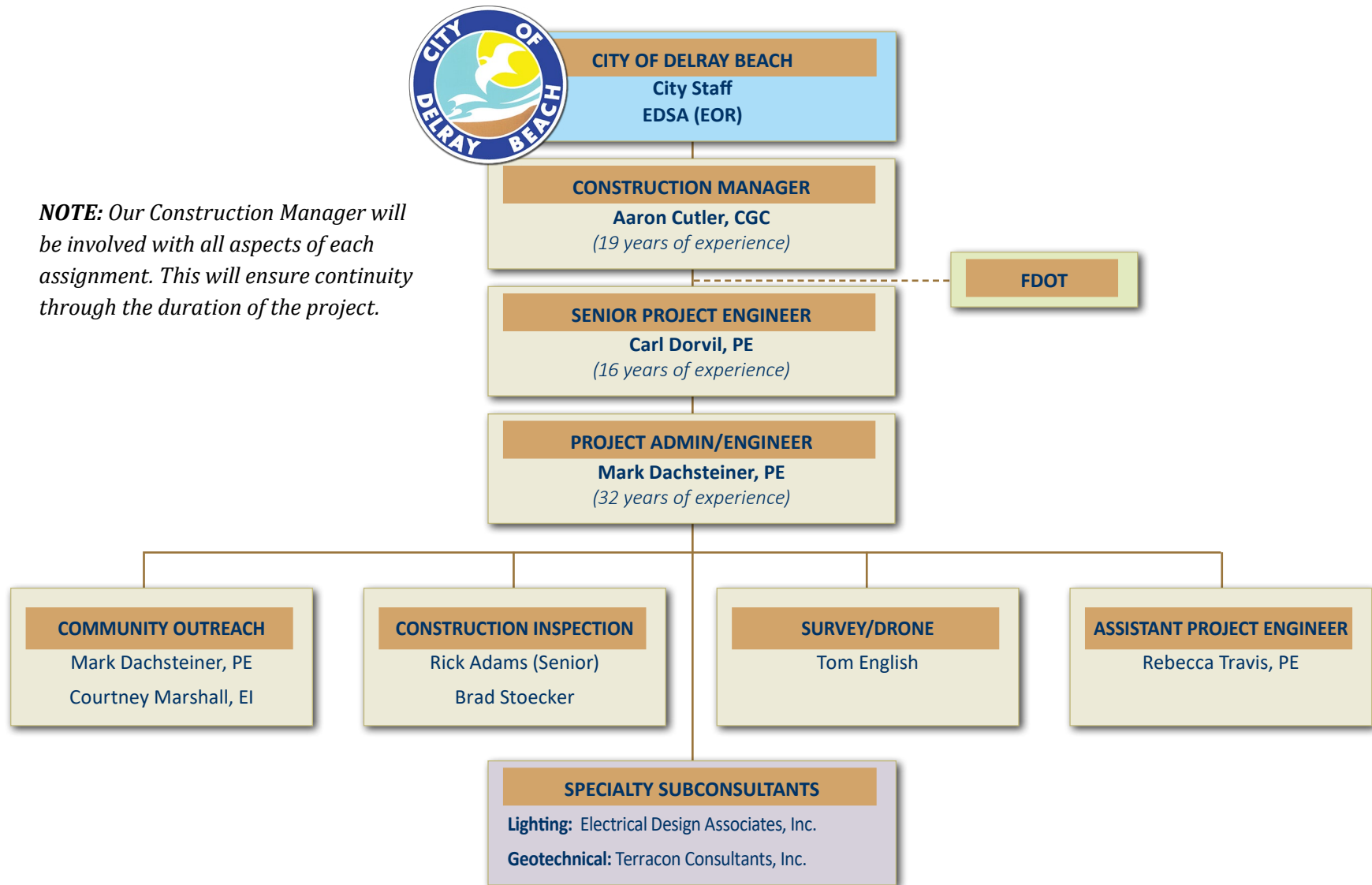
### Staff Involvement

Our Team's project philosophy is to match experienced individuals with the Owner's staff when developing the project goals and defining the desired outcome. Key to the success of the project is frequent communication between Owner's staff, and the design team at scheduled meetings. There is no substitute for interpersonal interaction throughout the implementation phase to ensure a clearly defined set of deliverables that meet the Owner's and staff's expectations.

The Project Team Organization Chart is included in Section 3 and defines the lines of communication between team members, showing the flow of information to and from the City Staff. Our Team's philosophy is not to employ unnecessary layers of management (i.e., project administrator, client coordinator, principal in charge, etc.), but to require direct, open interface between the City Staff and our project manager and staff members.

## 5.3 TEAM ORGANIZATION, SF330 E, AND LICENSES

**NOTE:** Our Construction Manager will be involved with all aspects of each assignment. This will ensure continuity through the duration of the project.



## 5.3 Team Organization, Sf330 E, And Licenses

Page 39

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		13. ROLE IN THIS CONTRACT	
Aaron I. Cutler, CGC		Construction Manager	
		14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
		19	10
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) AAS/Civil Engineering Technology, Pensacola Junior College		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) State of Florida Certified General Contractor  Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control - Certified Stormwater Management Inspector (Inspector No. 21817)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Aaron is a State of Florida Certified General Contractor and is a Certified Stormwater Management Inspector by the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control. He is also certified by FDOT in Level One and Level Two Red Vector Asphalt Paving			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) In Progress
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for roadway, sidewalk, pedestrian crosswalk, and dedicated bike lane improvements. Role: Construction Project Manager		
4	(1) TITLE AND LOCATION (City and State) Boca Raton CEI Boca Raton Heights Infrastructure Improvements	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2014
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction inspection services for neighborhood pavement reconstruction, new sanitary sewer and wastewater lift station, and water main improvements. Role: Construction Project Manager		
6	(1) TITLE AND LOCATION (City and State) Lake Worth Park of Commerce Owner's Representative Services	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2019 (est)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Infrastructure improvements consist of roadway redevelopment and utility upgrades for drainage, potable water, sanitary sewer, fire protection, electric supply, telecommunications, landscaping and street lighting. Role: Construction Project Manager		
8	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Reclaimed Water Expansion Area 12A (Phase I & II)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2014
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration support services and inspection services for the Area 12A (Phase I & II) reclaimed water transmission/distribution system. Role: Construction Project Manager		
7	(1) TITLE AND LOCATION (City and State) 7th Avenue South Lake Worth, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2016
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction management services for roadway improvements including pavement replacement, water main replacement, and minor drainage improvements. Role: Construction Project Manager		



STANDARD FORM 330 (REV. 8/2016) PAGE 2



## 5.3 Team Organization, Sf330 E, And Licenses

Page 40

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### Licensee Details

Licensee Information	
Name:	CUTLER, AARON ISRAEL (Primary Name)
Main Address:	3868 LAKE TAHOE CIRCLE WEST PALM BEACH Florida 33409 PALM BEACH
County:	
License Mailing:	
License Location:	

License Information	
License Type:	Certified General Contractor
Rank:	Cert General
License Number:	CGC1520812
Status:	Current,Inactive
Licensure Date:	08/01/2012
Expires:	08/31/2020

Special Qualifications	Qualification Effective

### Alternate Names

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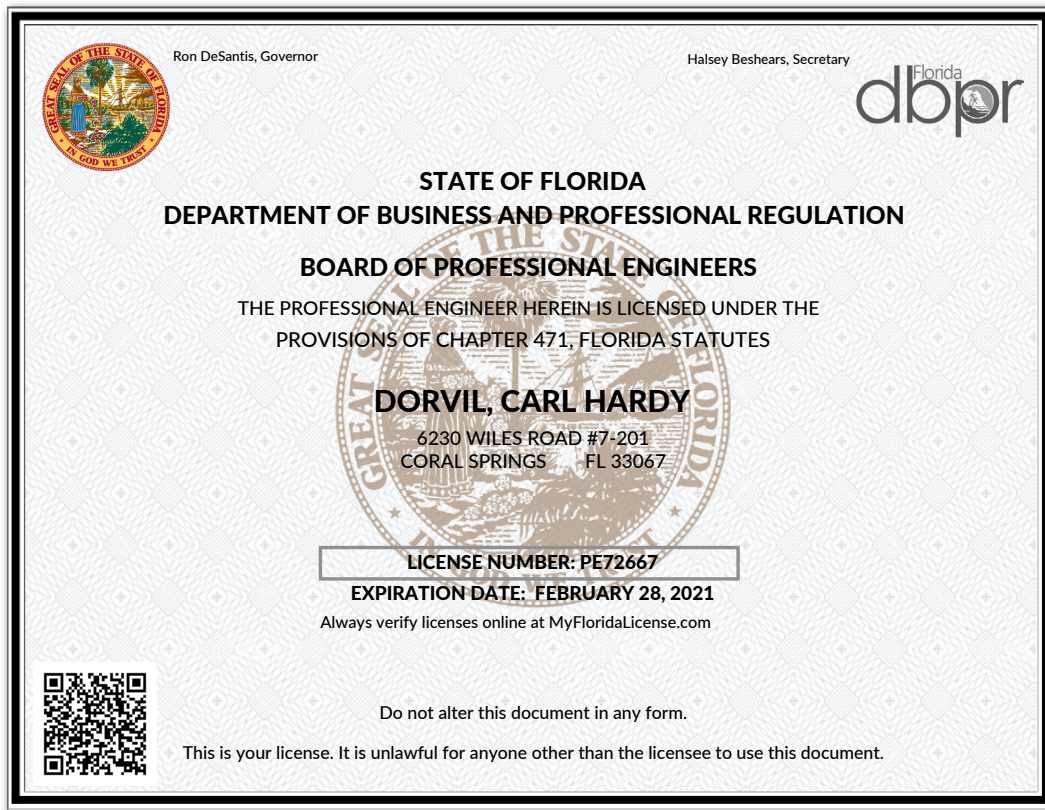
Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 800.487.1395. Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S., must provide the Department with an email address if they have one. The email provided may be used for official communication with the licensee. However, email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

## 5.3 Team Organization, Sf330 E, And Licenses

Page 41

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Carl H. Dorvil, PE	Senior Project Engineer	a. TOTAL 16	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Baxter & Woodman, Inc., Ft. Lauderdale, FL			
16. EDUCATION (Degree and Specialization) BS, Civil Engineering, Florida International University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Licensed Professional Engineer, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certified in Florida Advanced Work Zone Traffic Control, ATSSA			
19. RELEVANT PROJECTS			
1	Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) In Progress
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for roadway, sidewalk, pedestrian crosswalk, and dedicated bike lane improvements. Role: Project Engineer		
6	Lake Worth Park of Commerce Owner's Representative Services	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2019 (est)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Infrastructure improvements consist of roadway redevelopment and utility upgrades for drainage, potable water, sanitary sewer, fire protection, electric supply, telecommunications, landscaping and street lighting. Role: Project Engineer		
	SR 80 (Southern Boulevard) at North New River Bridge Palm Beach County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design of bridge rehabilitation project including replacement of bridge grates with a concrete deck, stabilizing canal side slopes and smoothing the bridge approach roadway profiles, and roadway, traffic control, signing and pavement marking plans. Role: Lead Roadway Engineer		
	SR 820 (Pines Boulevard) from Douglas Road to SW 64th Way Broward County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design of intersection improvement at SR 820 with Douglas Rd, NW 83rd Ave., and with SW 64th Way, adding bus bay and upgrading traffic signal from strain poles to mast arms. Prepared plans, addressed electronic review comments, conducted public information workshop, and coordinated with utilities. Role: Lead Roadway Engineer		
	SR 60 (Osceola Boulevard/20th St.) from 38th Ave. to 21st Ave. Indian River County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Coordination with consultants and appropriate agencies; conducted information workshop; provided policy guidance and controlled project schedule and budget for this resurfacing, restoration and rehabilitation improvement project. Role: FDOT Project Manager		

STANDARD FORM 330 (REV. 8/2016) PAGE 2



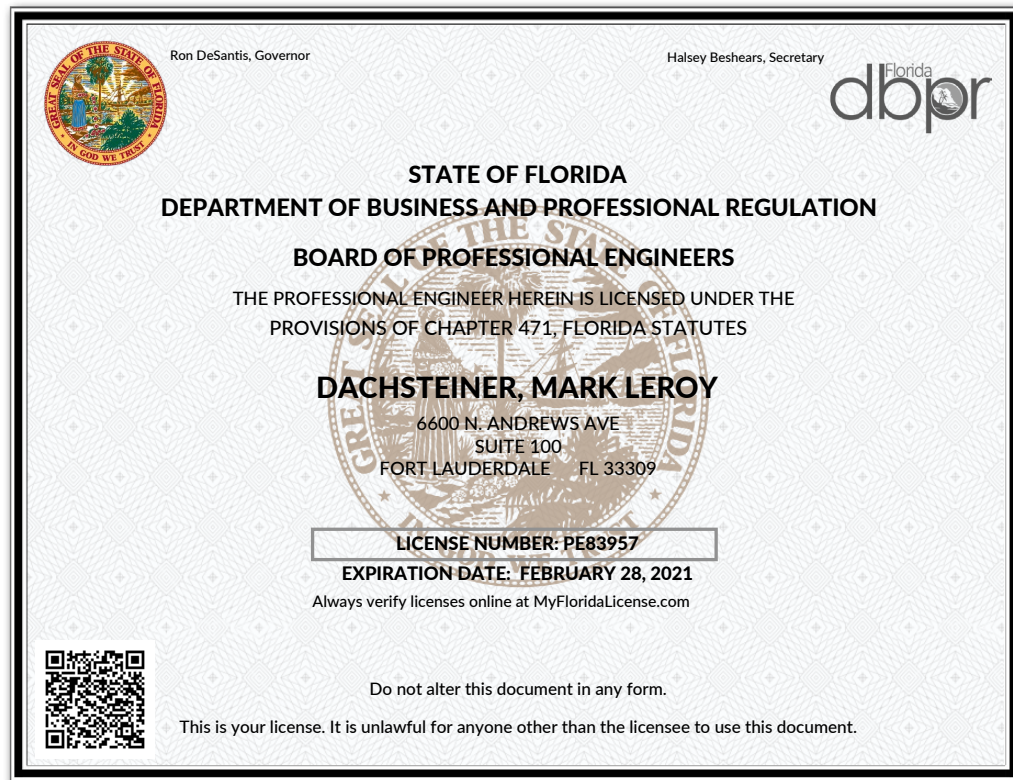
## 5.3 Team Organization, Sf330 E, And Licenses

Page 43

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		13. ROLE IN THIS CONTRACT	
Mark Dachsteiner, PE		Project Admin/Engineer/Outreach	
		14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
		32	23
15. FIRM NAME AND LOCATION (City and State)			
Mathews Consulting, a Baxter & Woodman Company, Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
B.S., Mining Engineering Southern Illinois University		Licensed Professional Engineer: Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
FDOT CTQP Certifications: Stormwater, Erosion and Sedimentation Control Inspector Training; Final Estimates Levels 1 & 2; Concrete Field Inspector; HMA Level 1 & 2; QC Manager;			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Delray Beach CEI Phase 2 Seacrest Beautification	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Scope: Construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for roadway, sidewalk, pedestrian crosswalk, and dedicated bike lane improvements. Role: Project Admin/Engineer/Outreach		
8	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Delray Beach CEI Reclaimed Water Expansion Area 12C	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Scope: Construction administration support services and inspection services for the Area 12C reclaimed water transmission/distribution system. Role: Project Admin/Engineer/Outreach		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Pompano Beach, FL Reuse System NE Expansion Phase 2	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Scope: 7,125 LF of new Reuse Water Mains in a residential area. The project consists of furnishing all labor, materials, equipment and all incidentals and appurtenances to install new reuse water main piping, and services. Role: Project Manager		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Florida Keys Aqueduct Authority Middle Torch and Little Torch Key	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Scope: Construction administration and inspection for the installation of a low pressure sewer collection system and lift station Role: Inspector		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Florida Keys Aqueduct Authority Cudjoe Regional Wastewater Treatment	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Scope: Construction administration for the construction of a central wastewater collection and transmission system for the Cudjoe Regional Inner Islands Role: Inspector		

STANDARD FORM 330 (REV. 8/2016) PAGE 2





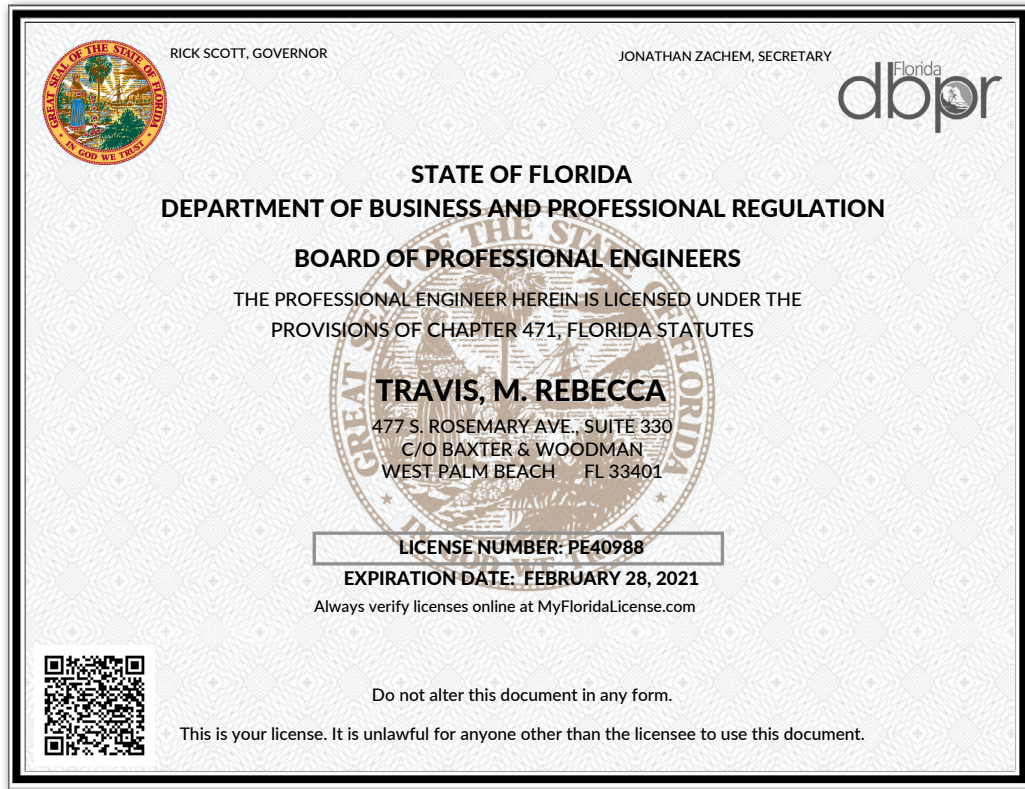


## 5.3 Team Organization, Sf330 E, And Licenses

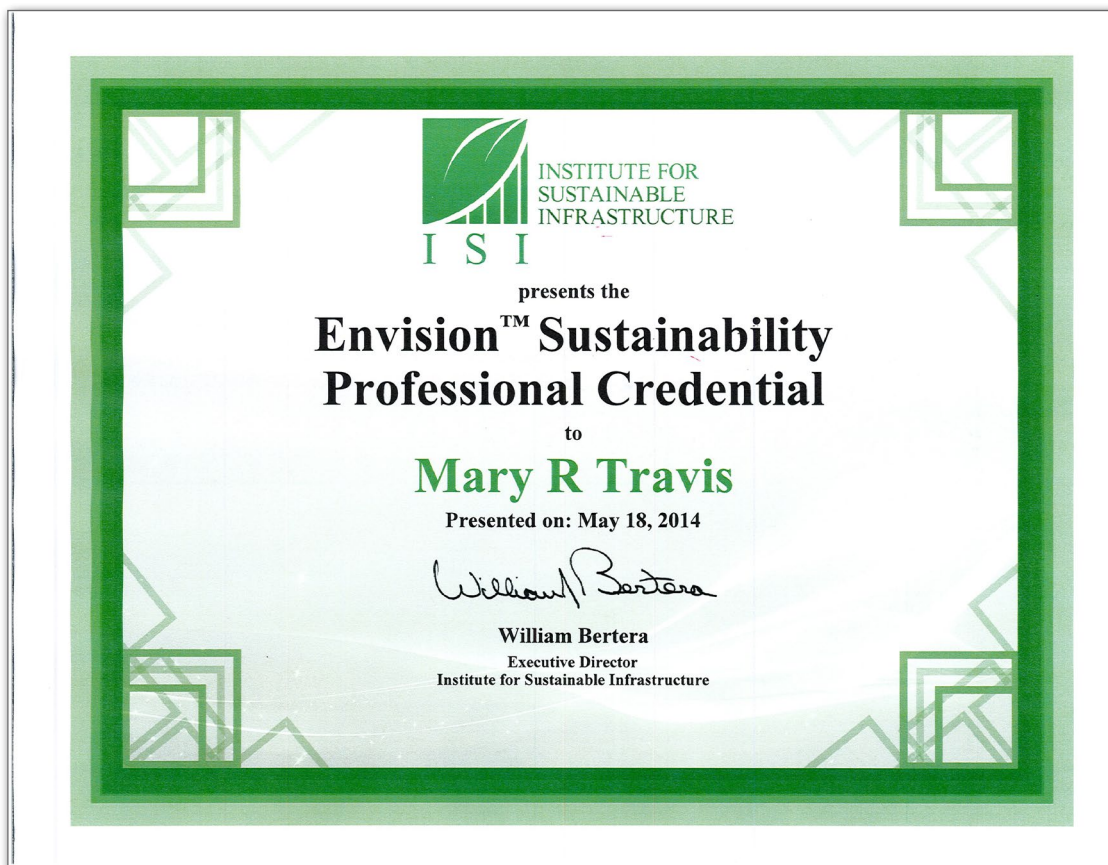
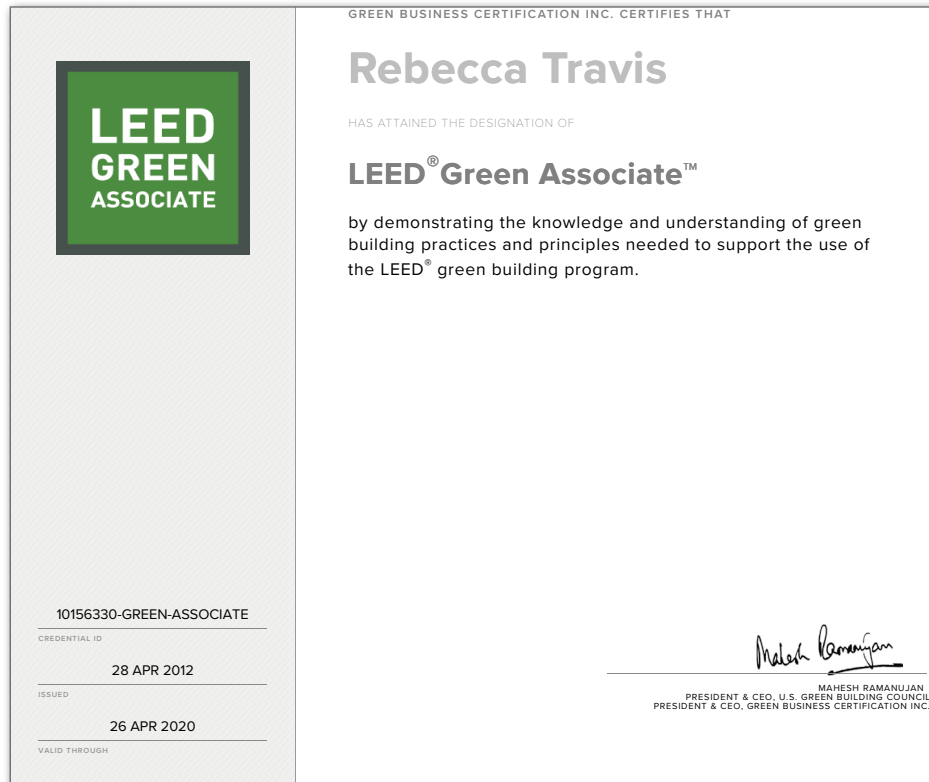
Page 45

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		14. YEARS EXPERIENCE	
M. Rebecca Travis, PE, ENV SP		a. TOTAL 34	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) B.S./Civil Engineering, Iowa State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Rebecca has 34 years of progressively responsible civil engineering design and project management experience in municipal roadway, stormwater, and pedestrian access projects. She is a credentialed Envision Sustainability Professional (ENV SP) and LEED Green Associate.			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) In Progress
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for roadway, sidewalk, pedestrian crosswalk, and dedicated bike lane improvements. Role: Assistant Project Engineer		
2	(1) TITLE AND LOCATION (City and State) Delray Beach CEI NE 1st Avenue Improvements	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Final design, permitting, bidding, and construction inspection for roadway resurfacing, on street parking, paver sidewalks, irrigation plans, street lighting, paver intersection, water main replacement, and drainage improvements. Role: Assistant Project Engineer		
3	(1) TITLE AND LOCATION (City and State) Lake Worth CEI 5th Ave South Bike/Ped Project	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 2017
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Engineering & Inspection Services for landscaping, irrigation, traffic calming, hardscape improvements, roadway striping and signage, minor stormwater improvements, and conversion of City ROW to an improved bikeway and pedestrian trail. Role: Assistant Project Engineer		
5	(1) TITLE AND LOCATION (City and State) Delray Beach SW 12th Ave / Auburn Ave / SW 14th Ave	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Final design, permitting, and bidding for stormwater improvements, roadway resurfacing, landscaping, decorative street lighting, parallel parking, curbing, and paver cross walks. Role: Design Engineer		
6	(1) TITLE AND LOCATION (City and State) Lake Worth Park of Commerce Owner's Representative Services	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable) 2019 (est.)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Infrastructure improvements consist of roadway redevelopment and utility upgrades for drainage, potable water, sanitary sewer, fire protection, electric supply, telecommunications, landscaping and street lighting. Role: Assistant Project Engineer		

STANDARD FORM 330 (REV. 8/2016) PAGE 2







## 5.3 Team Organization, Sf330 E, And Licenses

Page 48

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		13. ROLE IN THIS CONTRACT	
Courtney K. Marshall, EI		Community Outreach	
		14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
		5	5
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
BS, Environmental Engineering, University of Florida		Engineering Intern, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Courtney has 5 years of detailed design, permitting and bidding experience for infrastructure projects in Palm Beach County.			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) In Progress
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for roadway, sidewalk, pedestrian crosswalk, and dedicated bike lane improvements. Role: Community Outreach		
5	(1) TITLE AND LOCATION (City and State) Delray Beach SW 12th Ave / Auburn Ave / SW 14th Ave	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Final design, permitting, and bidding for stormwater improvements, roadway resurfacing, landscaping, decorative street lighting, parallel parking, curbing, and paver cross walks. Role: Project Engineer		
6	(1) TITLE AND LOCATION (City and State) Lake Worth Park of Commerce Owner's Representative Services	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2019 (est.)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Infrastructure improvements consist of roadway redevelopment and utility upgrades for drainage, potable water, sanitary sewer, fire protection, electric supply, telecommunications, landscaping and street lighting. Role: Community Outreach		
	(1) TITLE AND LOCATION (City and State) Osceola Park Neighborhood Improvements, Delray Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) In Progress
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ongoing engineering services for the design, permitting, bidding, public outreach and construction assistance for the Osceola Park Neighborhood Infrastructure Improvements. Role: Project Engineer/Outreach		
7	(1) TITLE AND LOCATION (City and State) Lake Worth CEI 7th Ave South Improvements	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2016
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction management services for roadway improvements including pavement replacement, water main replacement, and minor drainage improvements. Role: Project Engineer/Outreach		

STANDARD FORM 330 (REV. 8/2016) PAGE 2

## 5.3 Team Organization, Sf330 E, And Licenses

Page 49

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		14. YEARS EXPERIENCE	
Richard Adams		a. TOTAL 16+	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, West Palm Beach, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Coaching the Experienced Driver, Palm Beach Gardens, FL Degree, Continuing Driver Education; CIPP, Toronto ON Degree, Cured in Place Pipe			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Richard demonstrates excellent observation and compliance skills, and has an outstanding track record of achieving exceptional results in Plan/As-builts review.			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2019 (est.)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Final design, permitting, bidding, and construction inspection for roadway resurfacing, on street parking, paver sidewalks, irrigation plans, street lighting, paver intersection, water main replacement, and drainage improvements. Role: Inspector		
b.	(1) TITLE AND LOCATION (City and State) City of Pompano Beach, FL A1A Water Main Improvements	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2017
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Technician for design, permitting, and construction of water main improvements, including pre-construction conference, shop drawing review, and coordination with FDOT. Role: Inspector		
6	(1) TITLE AND LOCATION (City and State) Park of Commerce Phase I Lake Worth, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2019 (est.)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Project Management, assisting with Right-of-Way Acquisitions, assisting with undergrounding of Electrical/Telephone/Cable TV, Public Outreach, Engineering Design Review, EDA Grant Assistance, Bidding Services, and Construction Management and Resident Project Representative Services for project. Role: Inspector		
d.	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Reclaimed Water Expansion Area 12C	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) In Progress
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration support services and inspection services for the Area 12C reclaimed water transmission/distribution system. Role: Inspector		
e.	(1) TITLE AND LOCATION (City and State) Town of Highland Beach, FL Watermain Replacement Project	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) 2018
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Inspector during construction for replacement of approximately 6,700 feet of 4 to 6-inch old asbestos cement (AC) pipe located on the side streets of the Town Role: Inspector		

STANDARD FORM 330 (REV. 8/2016) PAGE 2



## 5.3 Team Organization, Sf330 E, And Licenses

Page 50

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME		14. YEARS EXPERIENCE	
Brad Stoecker		a. TOTAL 28	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State) Mathews Consulting, a Baxter & Woodman Company, Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) A.S., Building Construction Technology, Morrison College, IL		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Brad is well versed in business/resident communication and has completed training in "Creating Excellence in Communication and Customer Relations"			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2019 (est.)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Final design, permitting, bidding, and construction inspection for roadway resurfacing, on street parking, paver sidewalks, irrigation plans, street lighting, paver intersection, water main replacement, and drainage improvements. Role: Inspector		
3	(1) TITLE AND LOCATION (City and State) 5th Avenue Bikeway & Pedestrian Trail Lake Worth, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction inspection services for a converting an existing unimproved right-of-way to a complete bikeway and pedestrian trail with new sidewalks, landscaping, irrigation, stormwater facilities, traffic calming and signage and striping. Coordination through FDOT and compliance with LAP funding requirements was needed. Role: Inspector		
6	(1) TITLE AND LOCATION (City and State) Park of Commerce Phase I Lake Worth, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2019 (est.)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Project Management, assisting with Right-of-Way Acquisitions, assisting with undergrounding of Electrical/ Telephone/Cable TV, Public Outreach, Engineering Design Review, EDA Grant Assistance, Bidding Services, and Construction Management and Resident Project Representative Services for project. Role: Inspector		
d.	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Reclaimed Water Expansion Area 12C	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) In Progress	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration support services and inspection services for the Area 12C reclaimed water transmission/distribution system. Role: Inspector		
e.	(1) TITLE AND LOCATION (City and State) \$40 Million Neighborhood Road Program Lake Worth, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2017-2020 est	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction inspection services for a 4-year utility and roadway improvements program, including roadway reconstruction, stormwater plan reviews and recommendations, and water main and sanitary sewer improvements. Role: Inspector		

STANDARD FORM 330 (REV. 8/2016) PAGE 2

## 5.3 Team Organization, Sf330 E, And Licenses

Page 51

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Thomas A. English, PSM, PLS	Surveyor of Record/Drone	a. TOTAL 37	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) Baxter & Woodman, Inc., Ft. Lauderdale, FL			
16. EDUCATION (Degree and Specialization)  Civil Technology, Middlesex County College		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  Professional Surveyor and Mapper, Florida, New Jersey, New York, Pennsylvania, Connecticut, and Louisiana	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Tom has published articles, "Photogrammetry and Topographic Mapping" in the <i>Land Development Handbook</i> , published by McGraw Hill, and "Topographic Survey" in the <i>Point of Beginning</i> magazine.			
19. RELEVANT PROJECTS			
1	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Phase 2 Seacrest Beautification	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) In Progress	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for roadway, sidewalk, pedestrian crosswalk, and dedicated bike lane improvements. Role: Surveyor of Record/Drone <input type="checkbox"/> Check if project performed with current firm		
8	(1) TITLE AND LOCATION (City and State) Delray Beach CEI Reclaimed Water Expansion Area 12A (Phase I & II)	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2014	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Construction administration support services and inspection services for the Area 12A (Phase I & II) reclaimed water transmission/distribution system. Role: Surveyor of Record/Drone <input type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Water Main Replacement and Pavement Restoration, Bid Pkg. No. 11 Oakland Park, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016 2018	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Performed topographic mapping; specific purpose surveys; drainage, utility, right-of-way and topographic surveys; and served as QA/QC Reviewer for primary horizontal & vertical control, aerial and mobile mapping targeting, & topographic/DTM surveys. Role: Project Manager, Surveyor of Record and QA/QC Reviewer <input type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) SR 5/Okeechobee Road at W. 16th Avenue in Miami-Dade County Florida Department of Transportation District 6, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016 N/A	
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Performed design survey and established right-of-way lines. Included topographic/DTM surveys of pavement areas, drainage surveys, and information acquisition for right-of-way establishment. Prepared Project Network Control sheet. Role: Project Manager and QA/QC Reviewer <input type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Hanson Street Extension Lee County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If applicable) 2016 N/A	
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Scope: Prepared right-of-way plans, sketches and description of right-of-way takings, topographic survey, and drainage and wetland surveys. Role: Survey Project Manager and QA/QC Reviewer <input type="checkbox"/> Check if project performed with current firm		

STANDARD FORM 330 (REV. 8/2016) PAGE 2



Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500  
800HELPFLA(435-7352) or (850) 488-2221

December 27, 2018

THOMAS ANTHONY ENGLISH  
3343 PORT ROYALE DR S APT 619  
FT LAUDERDALE, FL 33308-7941

SUBJECT: Professional Surveyor and Mapper License # LS6930

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at [www.800helpfla.com/psm](http://www.800helpfla.com/psm) to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



Florida Department of Agriculture  
and Consumer Services  
Board of Professional Surveyors  
and Mappers

LS6930

Professional Surveyor and Mapper  
THOMAS ANTHONY ENGLISH

IS LICENSED under the provisions of Ch. 472 FS  
Expiration date: February 28, 2021

Detach Here



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

License No.: **LS6930**  
Expiration Date: February 28, 2021

### Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

THOMAS ANTHONY ENGLISH  
3343 PORT ROYALE DR S APT 619  
FT LAUDERDALE, FL 33308-7941

ADAM H. PUTNAM  
COMMISSIONER OF AGRICULTURE

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

## 5.3 Team Organization, Sf330 E, And Licenses

Page 53



Electrical Design Associates, Inc.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME Lillian Reyes	13. ROLE IN THIS CONTRACT President	14. YEARS EXPERIENCE a. TOTAL 28 b. WITH CURRENT FIRM 20	
15. FIRM NAME AND LOCATION (City and State) Electrical Design Associates, Inc. (Lake Worth)			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelors of Science in Electrical Engineering Florida Atlantic University/1988		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL Professional Engineer # 50780	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society (FES), Illuminating Engineering Society (IES), & National Fire Protection Association (NFPA).			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Dania Beach Marina Lighting Dania Beach, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) TBD
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical Design Associates, Inc. was contracted to provide electrical engineering for the referenced project. Our scope of work included the following: Photometric Evaluation and electrical design of the proposed lighting of the parking lot area, approximately 200 LF x 1300 LF. Photometric Evaluation and electrical design of the proposed lighting of the access roads, including Cambridge Street and Dania Beach Access Road, an approximate length of 2500 LF. The design shall be completed based on turtle friendly LED type fixtures in accordance with City ordinances, IES recommendations and the NEC. <input checked="" type="checkbox"/> Check if project performed with current firm		
Ocean Way Lighting Improvements Deerfield Beach, Florida	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable) 2007
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The lighting improvements along Ocean Way located along the Atlantic Ocean originating at the pier and extending approximately 2000 LF to the south included the design and installation of Turtle Sensitive lighting while maintaining a safe and aesthetically pleasing environment for the beach visitors. <input checked="" type="checkbox"/> Check if project performed with current firm		
Ocean Inlet Park Palm Beach County, Florida	PROFESSIONAL SERVICES 2001	CONSTRUCTION (If applicable) 2003
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Electrical design for the parking lot and pedestrian lighting for the north and south lots adjacent to the Inlet, pavilion and caretaker's building including but not limited to area lighting, water coolers, and service to restroom facilities. The lighting was designed to provide better security while protecting the sea turtle hatchlings. <input checked="" type="checkbox"/> Check if project performed with current firm		
NE 1st Avenue Lighting Improvements Delray Beach, Florida	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE EDA provided photometric evaluation and electrical design for the roadway lighting along NE 1st Avenue originating at NW 1st Street and extending north to NW 2nd Street, an approximate length of 650 LF. The photometric evaluation was completed in accordance with the City ordinances, IES recommendations and the NEC. <input checked="" type="checkbox"/> Check if project performed with current firm		
SW 12th Avenue, Auburn Avenue, & SW 14th Avenue Delray Beach, Florida	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2012
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE EDA provided the Photometric evaluation and roadway lighting design for the roadway lighting along SW 12th Avenue originating at Atlantic Avenue and extending south to SW 1st Street, an approximate length of 350 LF. The photometric evaluation and design were completed in accordance with the City ordinances, IES recommendations, and the NEC. <input checked="" type="checkbox"/> Check if project performed with current firm		

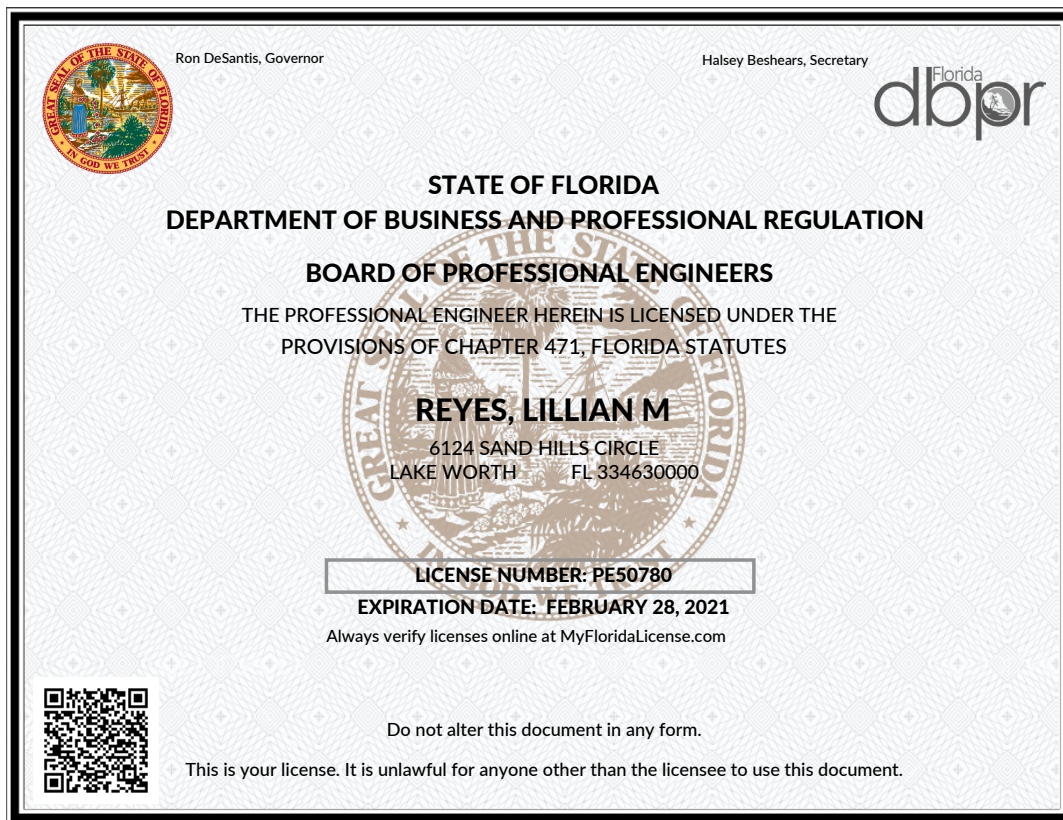
STANDARD FORM 330 (REV. 8/2016) PAGE 2

CITY OF DELRAY BEACH

CEI Services for Beach Master Plan, Phase 2 • 190139.10









## 5.3 Team Organization, Sf330 E, And Licenses

Page 55



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Michael O'Connor, P.E., S.I.</b>		13. ROLE IN THIS CONTRACT <b>Principal Engineer</b>		14. YEARS EXPERIENCE	
				a. TOTAL <b>35</b>	b. WITH CURRENT FIRM <b>25</b>
15. FIRM NAME AND LOCATION (City and State) <b>Terracon Consultants, Inc. West Palm Beach, Florida</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.S./Civil Engineering State Requirements for Educational Facilities (SREF) Course</b>			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Florida/Professional Engineer, Special Inspector</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
Affiliations: Florida Engineering Society American Concrete Institute Building Officials Association of Florida Southern Building Code Congress International Renaissance Executive Forums, Member Prof. Development: Florida Engineering Leadership Institute (FELI) Class of 2008, Graduate					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
<b>Sandfoot Boulevard and State Road (SR) 7 and SW 3<sup>rd</sup> Street and SR 7 Bridge Replacements Palm Beach County, FL</b>		PROFESSIONAL SERVICES <b>Ongoing</b>		CONSTRUCTION (if applicable) <b>N/A</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
a. Principal Engineer. Terracon is providing construction materials testing services for the construction of the referenced transportation project. The project includes approximately 13,221 SY mill existing asphalt pavement; 90 lineal feet (LF) of 18" pipe culvert; 24 LF of 24" pipe culvert; 140 EA 18" RCP French drain; 1,118 SY 4: concrete sidewalk; 300 LF of prestressed deck slabs type A; 23.7 CY class II (bridge deck) concrete for keyways; and 1,835 LB reinforcing steel. Services are being provided under the firm's continuing contract with Palm Beach County. The scope of work for the firm's field and laboratory services include: soil testing, concrete and masonry testing, aggregate testing, and asphalt testing. Firm's Fee: \$30,000 estimated					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
<b>Lake Worth Neighborhood Road Program Year 3 - Pavement Cores Various Roads, Lake Worth, FL</b>		PROFESSIONAL SERVICES <b>2017</b>		CONSTRUCTION (if applicable) <b>N/A</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
b. Engineer in Charge. Terracon holds a continuing services contract with the City of Lake Worth. The firm was issued a purchase order to provide pavement cores for various roadways as a part of the City's roadway maintenance program. The scope of work includes utility clearance, field work, laboratory examination, and reporting. Firm's Fee: \$20,700					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
<b>SR 786/PGA Boulevard from SR 710 to West of Florida's Turnpike (FTE)/C-18 Road Reconstruction Palm Beach County, FL</b>		PROFESSIONAL SERVICES <b>2016</b>		CONSTRUCTION (if applicable) <b>N/A</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
c. Engineer in Charge. The 1.9-mile project consisted of designing and raising the existing roadway to create a two-lane undivided roadway and includes a new single span bridge, box culvert, and critter crossing. The firm provided laboratory verification testing (VT) and reporting services for the referenced project under a continuing services contract. The scope of services included: receipt of soil and concrete test samples from the construction engineering inspection (CEI); receipt of material for base course from a Florida Department of Transportation (FDOT) certified pit; samples were received and logged in the Materials Acceptance and Certification (MAC) system; test samples in accordance with CEI instructions and pertinent FDOT specifications and time schedules; entered laboratory test data in MAC; analyzed and compared V test data to quality control (QC) test data for compliance with FDOT specifications; and notated non-compliance, if any, in MAC and notified Project Administrator. Firm's Fee: \$7,934					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
<b>60<sup>th</sup> Street North and Royal Palm Beach Boulevard Palm Beach County, FL</b>		PROFESSIONAL SERVICES <b>2016</b>		CONSTRUCTION (if applicable) <b>N/A</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
d. Engineer in Charge. The \$4.5 million construction project consisted of work on Royal Palm Beach Boulevard including reconstruction of the bridge over the M Canal. The firm's scope of work included: monitoring of new bridge foundations using the Pile Driving Analyzer (PDA), and determination of production pile lengths and driving criteria; inspection of precast concrete piles and bridge decks; in-situ density testing of embankment and pipe backfills; laboratory determination of soil maximum density and optimum moisture content (i.e. Proctor); compressive strength testing of cast-in-place concrete. Firm's Fee: \$23,019					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
<b>Crestwood Boulevard Improvements Royal Palm Beach, FL</b>		PROFESSIONAL SERVICES <b>2016</b>		CONSTRUCTION (if applicable) <b>N/A</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm			
e. Engineer in Charge. Terracon also provided construction materials testing services, under our continuing services contract with the Village of Royal Palm Beach, for phase II of the improvements project. Terracon performed asphalt roadway QC services as well as asphalt lot verification services for Crestwood Boulevard. The scope of work involves the testing, inspection, observation sampling of the project, and providing test results and opinions based on the tests and field observation. Firm's Fee: \$12,273					

STANDARD FORM 330



State of Florida  
Board of Professional Engineers  
2639 North Monroe Street, Suite B-112  
Tallahassee, FL 32303-5268

Michael J. O'Connor  
1225 OMAR ROAD  
WEST PALM BEACH, FL 33405

State of Florida

Board of Professional Engineers  
Attests that

Michael J. O'Connor, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201933894

**SPECIAL INSPECTOR**

P.E. / SI Lic. No:  
44082 981

## NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a \$100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers

Attests that

Michael J. O'Connor, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201933894 SI

**SPECIAL INSPECTOR**



P.E. / SI Lic. No:  
44082 981

## 5.3 Team Organization, Sf330 E, And Licenses

Page 57



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Jerry Logan</b>	13. ROLE IN THIS CONTRACT Construction Services Coordinator/Senior Engineering Technician	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION (City and State) <b>Terracon Consultants, Inc. Port St. Lucie, Florida</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) Various Navy Training Schools		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Certifications: CTQP Earthwork Construction Inspection, Level 2 CTQP Asphalt Paving Technician, Level 1 Drilled Shaft Inspection Nuclear Density/Moisture Gauge Radiation Safety Certification Radiation Safety Officer NCUA Competent Person Certification Troxler Certification Nuclear Density Gauge OSHA (10-hr) Construction Safety Certification			

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>FDOT Districts 4 and 6 (D4 and D6)</b> <b>Various Locations from Indian River to Monroe Counties, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Services Coordinator/Senior Engineering Technician. Terracon is active in the analyzing of both QC and independent verification (IV) test results and are responsible for the entry and verification of samples in the MAC system. These services include coordination with the District Materials Lab, compilation of lot packages for the Resident Asphalt Specialist, daily production reporting, and general assistance to the FDOT Asphalt Team.		
b.	<b>Airport Access Road Bridge Replacement</b> <b>Vero Beach, FL</b>	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Services Coordinator/Senior Engineering Technician. Various roadway and drainage improvements were made to a 0.7-mile section of Airport Drive from Atlantic Boulevard to Cherokee Drive. Terracon performed a geotechnical study for the project design. Terracon provided: construction engineering inspection during construction; Pile Driving Analysis (PDA) and pile length recommendations, production pile inspection, pile integrity testing (PIT); and materials testing services to document the contractor's work. Firm's Fee: \$225,690		
c.	<b>Old Dixie Highway Resurfacing</b> <b>Vero Beach, FL</b>	2015, 2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Services Coordinator/Senior Engineering Technician. The project included the reconstruction of the base course and asphaltic concrete structural course and shoulder widening of Old Dixie Highway from 71st Street to County Road (CR) 510. The project length was approximately 10,070 LF (1.9 miles). Terracon performed a geotechnical study for the project design and conducted materials testing services during construction to document the contractor's work. The purpose of the firm's materials testing services was to provide quality assurance (QA) testing and inspection to check the conformity of material composition with the project specifications. Firm's Fee: \$52,413		
d.	<b>Midway Road Widening</b> <b>Fort Pierce, FL</b>	2015, 2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Services Coordinator/Senior Engineering Technician. The widening project site is located on Midway Road from 25 <sup>th</sup> Street to Edwards Road. Various roadway and drainage improvements were made to a 1.1-mile section of Midway Road. Terracon has performed geotechnical and materials testing services for the project since 2006 in both a prime and subconsultant capacity. In 2007 Terracon provided a roadway soil survey for the four-laning project to explore the shallow subsurface conditions to characterize the shallow subsoil stratigraphy and groundwater levels. That same year the firm completed a geotechnical study for the proposed replacement of Canal 103 culvert on the southside of the roadway and provided geotechnical recommendations that addressed dewatering considerations and the suitability of soils for pipe backfill and bedding. We performed environmental services in both 2009 and 2014. Geotechnical evaluation of five pond sites and one dry detention area was conducted in 2011. Terracon performed a roadway soil survey study during 2012 pursuant to FDOT guidelines and specifications for the proposed widening. The study included drilling of engineering borings, significant laboratory testing, and engineering analysis and reporting for roadway and drainage design and construction, as well as for the design and construction of a sheet pile retaining wall required for grade separation. A structures investigation was completed (2013) for a new sheet pile wall on the north side of Midway Road and recommendations were furnished regarding lateral earth pressure parameters. Materials testing services and construction observation were conducted on an as needed basis throughout 2015 during construction to document the contractor's work. The scope of work included field observations, material sampling, and field testing of soils, concrete and aggregates, laboratory sampling and testing, engineering review and reporting. Firm's Fee: \$259,000 (estimated)		
e.	<b>13<sup>th</sup> Street SW at 58<sup>th</sup> Avenue Bridge</b> <b>Vero Beach, FL</b>	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Services Coordinator/Senior Engineering Technician. The subject project included the replacement of the bridge over the Lateral "B" Canal on 13th Street SW at 58th Avenue; the reconstruction approximately 600 LF of 13th Street SW and approximately 1,200 LF of 58th Avenue; the installation of new storm drainage pipe/structures at this intersection; and Rip-Rap revetment of the canal banks. Terracon performed materials testing services during construction for Indian River County. The purpose of our work was to provide QA testing to check the conformity of the materials composition and their construction with the project specifications. Services conducted, on an as-needed basis, included: field observation, sampling, and testing; laboratory testing; engineering oversight during construction and reporting of the firm's findings and test results. Firm's Fee: \$11,103		

STANDARD FORM 330

CITY OF DELRAY BEACH

CEI Services for Beach Master Plan, Phase 2 • 190139.10



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## 5.4 COMMITTED TO SERVING YOU

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The City of Delray Beach needs a consultant who will work as a partner with your staff – one who will be a proactive extension of your staff. Mathews Consulting has a solid track record of partnering with local utility clients to deliver the high level of personal service you desire. ***We are committed to being available for meetings and structured to allow for a long-term commitment of specific staff to serve your needs.*** By having principal owners directly involved, there is no “revolving door” of staff with our project team. Mathews Consulting is committed to our utility practice in South Florida. Our highly experienced team will be accessible and responsive to your needs at all times.

Mathews Consulting’s primary goal is to provide the City of Delray Beach with an experienced, cost effective, responsive and accessible Construction Management team that will help you improve and develop the best possible infrastructure to serve Delray Beach residents and businesses, while meeting your technical, budget, and schedule needs. Mathews Consulting firmly understands the work to be completed in this Contract, and based on our proven ability on past South Florida streetscape construction projects (including the City of Delray Beach), we give 110% commitment to complete every project task within the required time and budget constraints. Mathews Consulting is the best qualified firm to perform this engagement based upon our proven engineering design and construction management abilities and experienced staff that is familiar with the City of Delray Beach and FDOT requirements and is available for the duration of this Contract.



## 5.5 AWARDS AND ACCOMPLISHMENTS

Mathews Consulting has provided reliable and cost-effective solutions to our client's real-world challenges. Many of these solutions have been recognized for their high level of achievements, value and ingenuity by our peer associations. We are honored to be recognized for our past engineering accomplishments.







## TAB 6: Example Projects & References

## 6. EXAMPLE PROJECTS & REFERENCES

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		1
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
CEI Phase 2 Seacrest Beautification, Delray Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable) In Progress

### 23. PROJECT OWNER'S INFORMATION

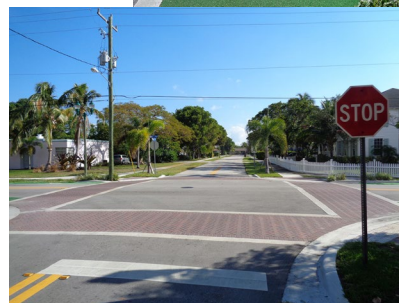
a. PROJECT OWNER City of Delray Beach	b. POINT OF CONTACT NAME Isaac Kovner, PE, City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 561-243-7322 kovner@mydelraybeach.com
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The City of Delray Beach Contracted with Mathews Consulting to provide Construction Engineering Inspection (CEI) Services for Phase 2 of Seacrest Beautification. The NE 2nd Avenue / Seacrest Beautification projects are both City funded and federally funded through the Florida Department of Transportation (FDOT) Local Agency Program. The project evolved into four phases. The scope of this project will include the following components:

- Reduction in Travel Lane Width
- Sidewalks (6' wide concrete)
- Dedicated Bike Lanes
- Crosswalks
- Pedestrian Crosswalk Improvements
- Local Agency Program (LAP) Administration
- LAP Environmental Review

Mathews Consulting is providing construction administration, resident project representative services, public outreach, and FDOT LAP Coordination for the project. The project is currently under construction with a value of \$1,611,777. There has been 1 Change Order (Owner Requested Additional Quantities added to the Project not for by Design Engineer Wantman Group).



### 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. Mathews Consulting, Inc.	West Palm Beach, FL	Prime Consultant
b. Terracon Consultants, Inc.	West Palm Beach, FL	Geotechnical
c.		
d.		
e.		
f.		

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

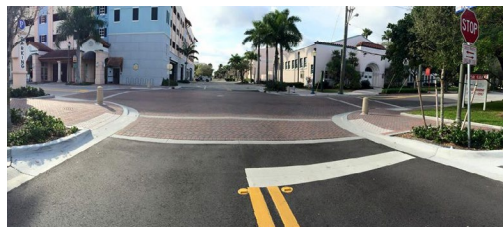
Page 62

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> NE 1st Avenue Improvements, Delray Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION <i>(If applicable)</i> 2014	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Delray Beach	b. POINT OF CONTACT NAME Victor Maitenyi, Dep Director Public Utilities	c. POINT OF CONTACT TELEPHONE NUMBER (561) 243-7300 maitenyi@mydelraybeach.com
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Mathews Consulting provided engineering services for the final design, permitting, bidding, and construction inspection services for the NE 1st Avenue Improvements project as follows:

NE 1st Avenue (NE 1st Street to NE 2nd Street)

- Mill and resurface roadway.
- On-street parallel parking where space is available.
- Paver sidewalk on both sides of roadway.
- Landscape nodes w/ landscaping.
- Irrigation Plans for landscape nodes.
- Decorative street lights.
- Paver intersection at NE 1st Avenue and NE 1st Street.
- Replace existing 2" WM with new 8" WM.
- Adjust existing drainage and add new drainage components as necessary to accommodate improvements.



The roadway typical section was designed as a mirror image as follows:

- 11-foot travel lane, 2-foot valley gutter, 5-foot parking stall, 2-foot F-curb, 5-foot paver sidewalk.



The project was bid in September 2013 with a construction cost of \$569,207.

Construction of the project has been completed on time and within budget and 0 Change Orders.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Lake Worth, FL	(3) ROLE Lighting
c.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Geotechnical
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 63

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> CEI 5th Avenue South Bikeway/Pedestrian Trail, Lake Worth, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If applicable)</i> 2017	

## 23. PROJECT OWNER'S INFORMATION

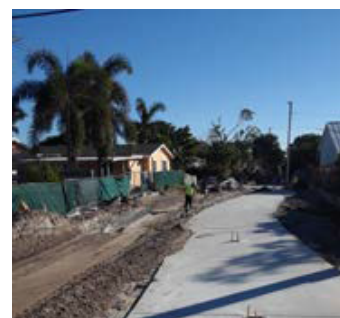
a. PROJECT OWNER City of Lake Worth	b. POINT OF CONTACT NAME Felipe Lofaso, Asst Public Services Director	c. POINT OF CONTACT TELEPHONE NUMBER (561) 586-1720 flofaso@lakeworth.org
--	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of Lake Worth recently selected Mathews Consulting (MC) to provide Construction Engineering & Inspection (CEI) Services for the 5th Avenue South (South "A" Street to South "F" Street) Pedestrian Trail Project. The project is located within the City of Lake Worth's Community Redevelopment Agency (CRA) target area. Local Agency Program (LAP) funding will be provided for the project through Florida Department of Transportation (FDOT). Improvements consist of landscaping, irrigation, traffic calming, hardscape improvements, roadway striping and signage, minor stormwater improvements, and conversion of City ROW to an improved bikeway and pedestrian trail. The project includes the following components:

- Construction Administration Services
- Value Engineering
- Constructability Review
- Public Outreach
- FDOT LAP Coordination
- Construction Inspections

Construction was completed on time, within budget and with 0 Change Orders. The construction value is \$4,339,630.



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 64

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>4</b>		
21. TITLE AND LOCATION <i>(City and State)</i> CEI Boca Raton Heights Infrastructure Improvements, Boca Raton, FL	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION <i>(If applicable)</i> 2014</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2014
PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2014			

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Boca Raton	b. POINT OF CONTACT NAME Chris Helfrich, Utilities Director	c. POINT OF CONTACT TELEPHONE NUMBER (561) 338-7300 chelfrich@ci.boca-raton.fl.us
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Mathews Consulting provided engineering services for the preliminary design, final design, public participation, permitting, bidding, and construction inspection services for the Boca Raton Heights Infrastructure Improvement Project. The Boca Raton Heights neighborhood is bounded by topographic features such as a natural ridge and roadways which result in stormwater runoff being trapped in the low-lying areas of the neighborhood. Stormwater improvements are proposed in order to address the problems associated with water ponding on the roadways, including pavement section deterioration.

A pavement condition review was completed and a decision matrix prepared to assist in analyzing which of the existing roadways should be reconstructed or whether a cost-saving overlay would be recommended.

In addition, new sanitary sewer and a wastewater lift station were proposed to serve the houses and businesses that are currently on septic tank, and water main improvements were proposed to improve fire flow and water system pressure.

The project was bid on July 19, 2013 with a construction cost of \$2,666,237. Construction was completed ahead of schedule, under budget, and with 9 Change Orders (mostly Owner-requested additional work scope).



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Geotechnical
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3



## 6. Example Projects &amp; References

Page 65

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>5</b>
21. TITLE AND LOCATION <i>(City and State)</i> SW 12th Ave / Auburn Ave / SW 14th Ave, Delray Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2012	
		CONSTRUCTION <i>(If applicable)</i>

## 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Delray Beach	b. POINT OF CONTACT NAME Victor Majtenyi, Dep Director Public Utilities	c. POINT OF CONTACT TELEPHONE NUMBER (561) 243-7300 majtenyi@mydelraybeach.com
--	--	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Mathews Consulting provided engineering services for the final design, permitting, and bidding of the SW 12th Avenue/Auburn Avenue/SW 14th Avenue project. Stormwater improvements, roadway resurfacing, landscaping, decorative street lighting, parallel parking, curbing, and paver cross walks are included in the project. The installation of parallel parking along SW 12th Avenue eliminates the ability for residents to use the front of their property for driveways. Access to the property is moved to the rear of the property, via the Alley, and new parking areas are proposed. This project is a joint venture for the City and the Community Redevelopment Agency (CRA). The CRA's input was critical in capturing the development vision to provide an aesthetically pleasing, pedestrian friendly corridor.

Components of the project design included the following:

- 2,625 LF of 15-inch to 30-inch stormwater piping.
- Resurfacing SW 12th Avenue from Atlantic Avenue to SW 7th Street and along SW 14th Avenue from SW 8th Street to SW 10th Street.
- Providing parallel parking along SW 12th Avenue from Atlantic Avenue to SW 3rd Street.
- Providing landscaping nodes and street trees along SW 12th Avenue from Atlantic Avenue to SW 7th Street and along SW 14th Avenue from SW 8th Street to SW 10th Street.
- Obtaining a Florida Department of Transportation permit for the intersection improvements at SW 12th Avenue and Atlantic Ave.

The project was bid in March 2011 with a construction cost of \$1,586,019. Project was completed on time, within budget, and with 0 Change Orders. Construction of the project has been completed.



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

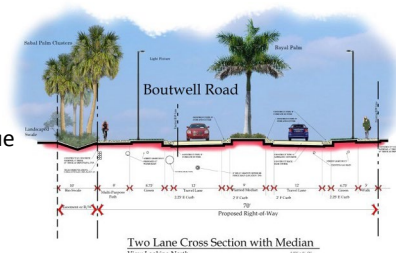
STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 66

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION (City and State) Park of Commerce Owner's Representative, Lake Worth, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If applicable) 2019 (est)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Lake Worth	b. POINT OF CONTACT NAME Brian Shields, PE, Water Utilities Director	c. POINT OF CONTACT TELEPHONE NUMBER 561-352-3812 bshields@lakeworth.org
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The City of Lake Worth selected Mathews Consulting to serve as the Owner's Representative for Phase I of the multi-phased redevelopment of the 393-acre industrial park, which will ultimately house an estimated 750,000 square feet of commercial space and 2,250,000 square feet of light industrial and office space. The project is located in central Palm Beach County and is bounded by 10th Avenue to the North, Lake Worth Road to the South, I-95 to the East and the E-4 Canal to the West. The infrastructure improvements consist of roadway redevelopment and utility upgrades for drainage, potable water, sanitary sewer, fire protection, electric supply, telecommunications, landscaping and street lighting.



Phase I of the Park of Commerce Infrastructure Improvements originally included upgrading Boutwell Road from 10th Avenue North to Lake Worth Road, including intersection improvements at 10th, 7th, 4th and 10th Avenues North and Joyce Avenue. Based on the available EDA Grant Funding, the project has been divided into Phase 1A and Phase 1B. Phase 1A includes upgrading Boutwell Road from 10th Avenue North to Joyce Avenue, and will also include Joyce Avenue and extending water and sewer improvements along Boutwell Road from Joyce Avenue to 4th Avenue North.

Mathews Consulting is providing Overall Comprehensive Project Management, assisting with Right-of-Way Acquisitions, assisting with undergrounding of Electrical/Telephone/Cable TV, Public Outreach, Engineering Design Review, EDA Grant Assistance, Bidding Services, and Construction Management and Resident Project Representative Services for project.

The project bid was \$5,579,190 and is under construction with 1 Change Order (Owner-requested additional work scope).

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida
		(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 67

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION <i>(City and State)</i> CEI 7th Avenue South Improvements, Lake Worth, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION <i>(If applicable)</i> 2016
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Lake Worth	b. POINT OF CONTACT NAME Felipe Lofaso, Asst Public Services Director	c. POINT OF CONTACT TELEPHONE NUMBER (561) 586-1720 flofaso@lakeworth.org
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

The City of Lake Worth selected Mathews Consulting (MC) to provide Engineering Services for the 7th Avenue South (South "A" Street to South "F" Street) Roadway Improvements Project. The project is located within the City of Lake Worth's Community Development Block Grant (CDBG) target area. CDBG funding will be provided for the project through Palm Beach Department of Economic Sustainability.

Mathews Consulting will provide data collection, design services, permitting services, public outreach meetings, bidding assistance, construction administration services and inspections for the project.

The infrastructure improvements consist of:

- Conversion of an unimproved 40-foot right-of-way section into a full roadway section
- New meandering pathway
- Swale area
- New 8-inch water main for looping purposes
- Roadway striping, signage & traffic calming
- Minor stormwater improvements

The project was bid in June 2015 with a construction cost of \$636,485. Construction of the project was completed in April 2016, within schedule and budget, and with 3 Change Orders.



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 68

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION <i>(City and State)</i> CEI Reclaimed Water Expansion Area 12A (Phase I & II), Delray Beach, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION <i>(If applicable)</i> 2014
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Delray Beach	b. POINT OF CONTACT NAME Victor Majtenyi, Dep Director Public Utilities	c. POINT OF CONTACT TELEPHONE NUMBER 561-243-7328 majtenyi@mydelraybeach.com
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

The City of Delray Beach has adopted a Reclaimed Water Master Plan (RWMP), (prepared by Mathews Consulting, Inc., October, 2003) which identifies areas of service for the City's new reclaimed water system. The purpose of the RWMP is to serve as a planning document from which a reclaimed water system can be developed in phases as capital improvements are budgeted and scheduled through a designated time frame. The fifth project identified for implementation is "Area 12". The Area 12 RWS was broken into Area 12A (Phase 1 & 2), Area 12B and Area 12C. Mathews Consulting provided engineering design, permitting, surveying, geotechnical investigations, utility locates, bidding, construction administration support services and inspection services for the Area 12A (Phase I & II) reclaimed water transmission/distribution system. Specific project elements included the following:

- Reclaimed water mains (ranging from 4-inch to 10-inch diameters), valves, fittings & reclaimed water meter boxes/ services. The reclaimed water mains included conventional open-cut method of construction and directional drill method of construction.

- Provided 6-inch reclaimed water stub-outs as required for future connections.

Construction of the project has been completed within schedule and budget. Area 12A (Phase I) was constructed for \$1,470,000. Area 12A (Phase II) was constructed for \$1,456,545. The total construction price was \$2,926,545 with 0 Change Orders



## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Mathews Consulting, Inc.	West Palm Beach, FL	Prime Consultant
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.		

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 69

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION (City and State) CEI Rutland Boulevard Improvements, West Palm Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (If applicable) 2016	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Tracy Ward, , Senior Project Engineer-Stormwater	c. POINT OF CONTACT TELEPHONE NUMBER 561-494-1040 tward@wpb.org
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Mathews Consulting provided engineering services for the preliminary design, final design, public participation, permitting, bidding and construction administration/inspections for the Rutland Boulevard Improvements Project. The project is located in a residential neighborhood in the City of West Palm Beach.

The infrastructure improvements include:

- Roadway, curb & gutter, and sidewalk reconstruction
- Stormwater facilities
- Water main upgrades
- Sanitary sewer replacement
- Signage and pavement markings
- Decorative street lights

Scope of work for the project included the following:

- Collect and review record drawings of project area.
- Conduct soil investigation of project area.
- Prepare detailed plan and profile design drawings.
- Prepare and process permit applications for South Florida Water Management District, and Palm Beach County Health Department.
- Prepare technical specifications.
- Prepare cost estimates.



The project was completed within schedule and budget and 1 Change Order (Owner requested additional work scope. Construction Cost: \$1.5M)

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. Mathews Consulting, Inc.	West Palm Beach, FL	Prime Consultant
b. Electrical Design Associates, Inc.	Lake Worth, FL	Lighting
c. Terracon Consultants, Inc.	West Palm Beach, FL	Geotechnical
d.		
e.		
f.		

STANDARD FORM 330 (REV. 8/2016) PAGE 3



## 6. Example Projects &amp; References

Page 70

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION (City and State) CEI Monceaux Rd Group I Improvements, West Palm Beach, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If applicable) 2016	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of West Palm Beach	b. POINT OF CONTACT NAME Tracy Ward, Senior Project Engineer-Stormwater	c. POINT OF CONTACT TELEPHONE NUMBER 561-494-1040 tward@wpb.org
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Mathews Consulting provided engineering services for the design, permitting, bidding and construction administration/inspections for the Monceaux Road - Group I Stormwater and Utility System Improvements Project. The project was part of the City's Phase II Stormwater Projects that was being funded by a Stormwater Bond. Elements of the project included Data Collection, Preliminary and Final Design, Permitting, Public Relations, Bidding Assistance, Construction Administration, and Inspection Services.

The infrastructure improvements included:

- Stormwater facilities, Water main upgrades & Sanitary sewer replacement and rehabilitation
- Roadway, curb & gutter, and sidewalk reconstruction
- Signage and pavement markings
- Landscaping & Decorative Street Lighting

Design components of the project included the following:

- Collect and review record drawings of project area
- Conduct soil investigation of project area
- Prepare detailed plan and profile design drawings
- Prepare and process permit applications for South Florida
- Prepare and process permit applications for South Florida Water Management District, FDOT, FEC Railway, and Palm Beach County Health Department
- Prepare technical specifications
- Prepare cost estimates



The project was completed within schedule and budget, with 5 Change Orders, and a Construction cost of \$3,532,899.

## 25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Mathews Consulting, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Geotechnical
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## Page 71

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NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	Delray Beach CEI Phase 2 Seacrest Beautification	6	Lake Worth Park of Commerce Owner's Representative Services
2	Delray Beach CEI NE 1st Avenue Improvements	7	Lake Worth CEI 7th Ave South Improvements
3	Lake Worth CEI 5th Ave South Bike/Ped Project	8	Delray Beach CEI Reclaimed Water Expansion Area 12A (Phase I &II)
4	Boca Raton CEI Boca Raton Heights Infrastructure Improvements	9	West Palm Beach CEI Rutland Boulevard Improvements
5	Delray Beach SW 12th Ave / Auburn Ave / SW 14th Ave	10	West Palm Beach CEI Monceaux Road Group I Infrastructure Improvements



MATHEWS  
CONSULTING  
a BAXTER & WOODMAN company

## 6. Example Projects &amp; References

Page 72



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1				
21. TITLE AND LOCATION <i>(City and State)</i> Dania Beach Marina Lighting Dania Beach, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(if applicable)</i></td> </tr> <tr> <td>2019</td> <td>TBD</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2019	TBD
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2019	TBD					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER City of Dania Beach	b. POINT OF CONTACT NAME Brad Kaine	c. POINT OF CONTACT TELEPHONE NUMBER 954-924-6808				

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Electrical Design Associates, Inc. was contracted to provide electrical engineering for the referenced project. Our scope of work included the following: Photometric Evaluation of the proposed lighting of the parking lot area, approximately 200 LF x 1300 LF. Photometric Evaluation of the proposed lighting of the access roads, including Canbridge Street and Dania Beach Access Road, an approximate length of 2500 LF. Electrical design associated with proposed lighting of the parking lot area, approximately 200 LF x 1300 LF. Electrical design associated with the proposed lighting of the access roads, including Canbridge Street and Dania Beach Access Road, an approximate length of 2500 LF. Electrical Design associated with bringing service to the parking lot and access road lighting. The design shall be completed based on turtle friendly LED type fixtures in accordance with City ordinances, IES recommendations and the NEC.

City of Dania Beach  
 Brad Kaine, Director of Public Services  
 954-924-6808  
 bkaine@daniabeachfl.gov

Total Project Cost: TBD

Completed on time and within budget.

Number of Change Orders: 0

Type of Work Performed: Electrical Engineering for Lighting.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Lake Worth, FL
		(3) ROLE Electrical Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 3

## 6. Example Projects &amp; References

Page 73



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2				
21. TITLE AND LOCATION <i>(City and State)</i> Ocean Way Lighting Improvements Deerfield Beach, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2006</td> <td>2007</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2006	2007
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2006	2007					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER City of Deerfield Beach	b. POINT OF CONTACT NAME Environmental Services/Engineering	c. POINT OF CONTACT TELEPHONE NUMBER 954-480-4400				

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The lighting improvements along Ocean Way located along the Atlantic Ocean originating at the pier and extending approximately 2000 LF to the south included the design and installation of Turtle Sensitive lighting while maintaining a safe and aesthetically pleasing environment for the beach visitors. The first level of lighting design included a marine type fixture located along the east side of the pathway, which was designed to exclusively light the pathway but not the ocean side. A second level of lighting located on the west side of the pathway was designed to illuminate the adjacent without allowing light pollution to the east. The design also included the installation of wiring devices allowing the City to host street type festivals with power availability to the vendors.

City of Deerfield Beach  
 Environmental Services/Engineering  
 954-480-4400  
[web.pwes@deerfield-beach.com](mailto:web.pwes@deerfield-beach.com)

Total Project Cost: \$31,310 (EDA fee)

Completed on time and within budget.

Number of Change Orders: 0

Type of Work Performed: Electrical Engineering for Lighting.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Lake Worth, FL	(3) ROLE Electrical Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 4

## 6. Example Projects &amp; References

Page 74



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3				
21. TITLE AND LOCATION (City and State) Ocean Inlet Park Palm Beach County, Florida	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2001</td> <td>2003</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2001	2003
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2001	2003					
<b>23. PROJECT OWNER'S INFORMATION</b>						
a. PROJECT OWNER Palm Beach County	b. POINT OF CONTACT NAME Alina Sardinas	c. POINT OF CONTACT TELEPHONE NUMBER 561-684-4030				

## 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The South Lake Worth Inlet, also known as the Boynton Inlet, is an artificial cut through a barrier beach connecting the south end of the Lake Worth Lagoon with the Atlantic Ocean. In 2003, Palm Beach County completed improvements to both the south and north sides of the inlet including pavilions, better parking, lighting, landscaping, and walkways. The lighting was designed to provide better security while protecting the sea turtle hatchlings. The design included shoebox style light fixtures with shields directing the lighting downward. Additional vegetation was also added to shield the lighting from the turtles.

## Services Provided Include:

- Electrical design for the proposed parking lot lighting for the north and south lots adjacent to the Inlet
- Electrical design for the proposed pedestrian lighting for the north and south lots adjacent to the Inlet
- Electrical design for the proposed pavilion and caretaker's building modification including but not limited to area lighting, water coolers, and service to the restroom facilities
- Coordination with local utility companies as required

Palm Beach County  
 Alina Sardinas, MSCE, Civil Engineer  
 561-684-4030  
[ASardina@pbcgov.org](mailto:ASardina@pbcgov.org)

Total Project Cost: \$17,000 (EDA fee)

Completed on time and within budget.

Number of Change Orders: 0

Type of Work Performed: Electrical Engineering for Lighting.

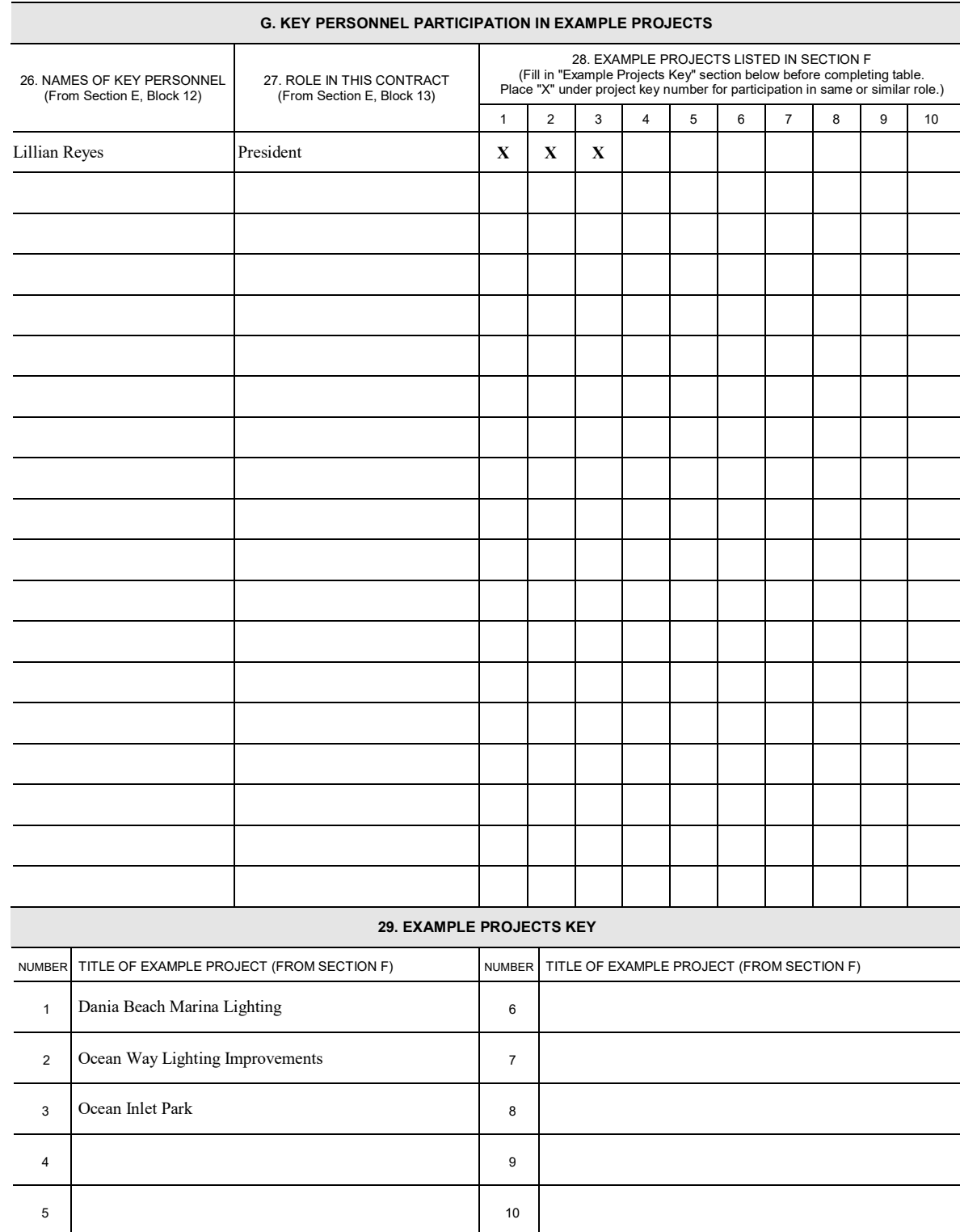


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) Lake Worth, FL	(3) ROLE Electrical Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

STANDARD FORM 330 (REV. 8/2016) PAGE 5



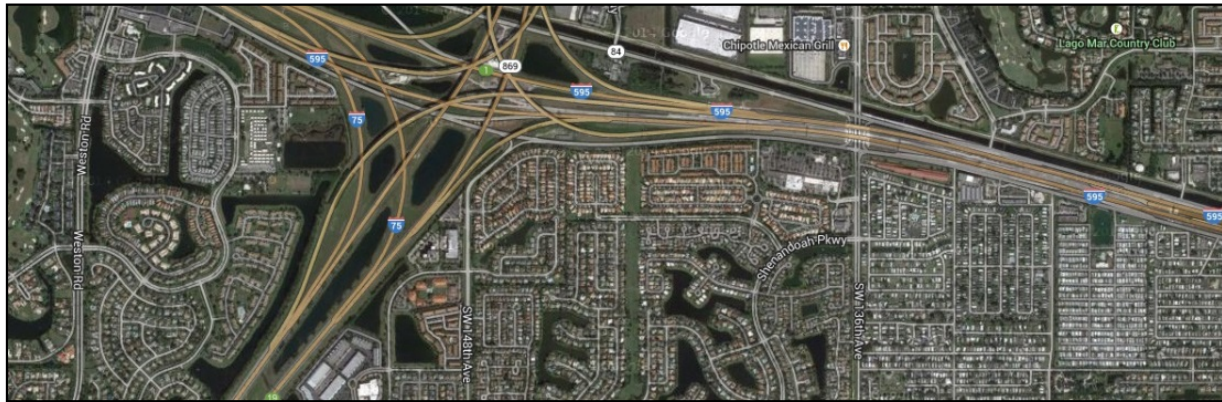
## Page 75



## 6. Example Projects &amp; References

Page 76

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 1
<b>21. TITLE AND LOCATION (City and State)</b> <b>FDOT Materials Testing Continuing Services Contract</b> <b>Districts 4 and 6, Various Locations in FL</b>		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES: Ongoing CONSTRUCTION (if): N/A
<b>23. PROJECT OWNER'S INFORMATION</b>		
<b>a. PROJECT OWNER</b> FDOT	<b>b. POINT OF CONTACT NAME</b> Ronald Arcalas, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (954) 677-7035
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>		



Terracon was awarded a five-year on-call contract to provide construction materials verification material testing and quality assurance material testing (QAMT) services for FDOT Districts 4 and 6 (D4/6) on various projects. Terracon provides field and laboratory testing services for concrete, soils, and asphalt.

These services are performed utilizing FDOT-qualified technicians and an approved laboratory. Test Standards: FDOT, ASTM, AASHTO, FM. Terracon provides services on a task order basis. The budget for the tasks is managed and monitored closely in our Terracon system to ensure that each task is completed within provided funds. Asphalt testing services are generally on an on-call basis, and budgets for these tasks have to be monitored closely.

FDOT requires multiple personnel for asphalt verification and independent verification services. Due to our multiple offices and the largest fleet of asphalt technicians in South Florida, we are able to provide the required personnel, even on a short notice. This assures the construction activities do not have to be delayed, canceled, or rescheduled.

Terracon has a long-term relationship with the FDOT Materials Office. Terracon has held several similar contracts with FDOT Districts 4 and 6 since 2005. Our reselection on these contracts speaks about our commitment and performance to provide these services to our client.

Contract Amount: \$1,500,000 estimated

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME <b>Terracon</b>	(2) FIRM LOCATION (City and State) West Palm Beach, FL
		(3) ROLE Prime Consultant
b.	(1) FIRM NAME <b>Terracon</b>	(2) FIRM LOCATION (City and State) Port St. Lucie, FL
		(3) ROLE Prime Consultant

STANDARD FORM 330

## 6. Example Projects &amp; References

Page 77

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		2
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Linton Boulevard and South Federal Highway Intersection Improvements Delray Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if
	2019	N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Palm Beach County Engineering and Public Works	Mark Tomlinson	(561) 684-4180
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The construction project included the addition of a west approach right turn lane and associated drainage. It also included modifying the southeast and southwest mast arms, and milling and resurfacing for the existing pavement from east of the railroad tracks to west of the bridge.

The Terracon Team provided materials engineering, testing, and inspection services for the project under the firm's continuing services contract with Palm Beach County. The scope of work included field density testing, Proctors, and asphalt testing and observation at night.

Firm's Fee: \$3,371

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME <b>Terracon</b>	(2) FIRM LOCATION (City and State) West Palm Beach, FL
		(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

STANDARD FORM 330

## 6. Example Projects &amp; References

Page 78

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  <b>3</b>				
<b>21. TITLE AND LOCATION (City and State)</b> <b>Airport Access Road Bridge Replacement</b> <b>Vero Beach, FL</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if</td> </tr> <tr> <td>2017</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if	2017	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if					
2017	N/A					
<b>23. PROJECT OWNER'S INFORMATION</b>						
<b>a. PROJECT OWNER</b> City of Vero Beach Client: Kimley-Horn & Associates, Inc.	<b>b. POINT OF CONTACT NAME</b> Brian Good, P.E.	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (772) 794-4100				
<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)</b>						

The project site is located on Airport Drive from Atlantic Boulevard to Cherokee Drive in Vero Beach, Florida. Various roadway and drainage improvements were made to a 0.7-mile section of the roadway. The project generally consisted of the following improvements:

- New roadway improvements, embankments, road widening with paved shoulders and new sidewalks along the subject alignment
- Replacement of a 140-foot bridge span over the Indian River County Fellsmere Water Control District (IRCFWCD) Main Relief Canal
- A new traffic signal at Aviation Boulevard
- Drainage improvements including underground structures and piping
- A directional bore under the IRCFWCD Main Relief Canal
- Mill and overlay roadway alignment



Terracon performed a geotechnical study for the project design. The firm: implemented a laboratory testing program and performed soil stratification based off Standard Penetration Test (SPT) field exploration data; performed axial and lateral pile capacity analysis for replacement bridge foundation system; and collaborated with principal engineer in providing geotechnical design recommendations.

Additionally, Terracon provided: construction engineering inspection (CEI) during construction; Pile Driving Analysis (PDA) and pile length recommendations, production pile inspection, pile integrity testing (PIT); and materials testing services to document the contractor's work.

Firm's Fee: \$225,690

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1). FIRM NAME <b>Terracon</b>	(2) FIRM LOCATION (City and State) West Palm Beach, FL  (3) ROLE Subconsultant
b.	(1). FIRM NAME <b>Terracon</b>	(2) FIRM LOCATION (City and State) Port St. Lucie, FL  (3) ROLE Subconsultant

STANDARD FORM 330





## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

## 29. EXAMPLE PROJECTS KEY

NO	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	FDOT Materials Testing Continuing Services Contract	6	
2	Linton Boulevard and South Federal Highway Intersection Improvements	7	
3	Airport Access Road Bridge Replacement	8	
4		9	
5		10	

STANDARD FORM 330



## TAB 7: Organizational Structure

## 7. ORGANIZATIONAL STRUCTURE

### ARCHITECT - ENGINEER QUALIFICATIONS

#### PART I - CONTRACT-SPECIFIC QUALIFICATIONS

##### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

CEI SERVICES FOR BEACH MASTER PLAN, PHASE 2, CITY OF DELRAY BEACH, FL

2. PUBLIC NOTICE DATE

JANUARY 18, 2019

3. SOLICITATION OR PROJECT NUMBER

RFQ No. 2019-021

##### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

David Mathews, PE, Vice President

5. NAME OF FIRM

Mathews Consulting, a Baxter &amp; Woodman Company

6. TELEPHONE NUMBER

561.655.6175

7. FAX NUMBER

561-655-6179

8. E-MAIL ADDRESS

dmathews@baxterwoodman.com

##### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER	SUBCON-TRACTOR			
a.	✓				Mathews Consulting, a Baxter & Woodman Company <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	477 S. Rosemary Ave., Suite 330 West Palm Beach, FL 33401	Prime Consultant CEI
b.			✓		Electrical Design Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	8401 Lake Worth Road, Suite 221 Lake Worth, FL 33467	Electrical Engineer
c.			✓		Terracon Consultants, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1225 Omar Road West Palm Beach, FL 33405	Materials Testing & Laboratory Testing
d.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.					<input type="checkbox"/> CHECK IF BRANCH OFFICE		

##### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

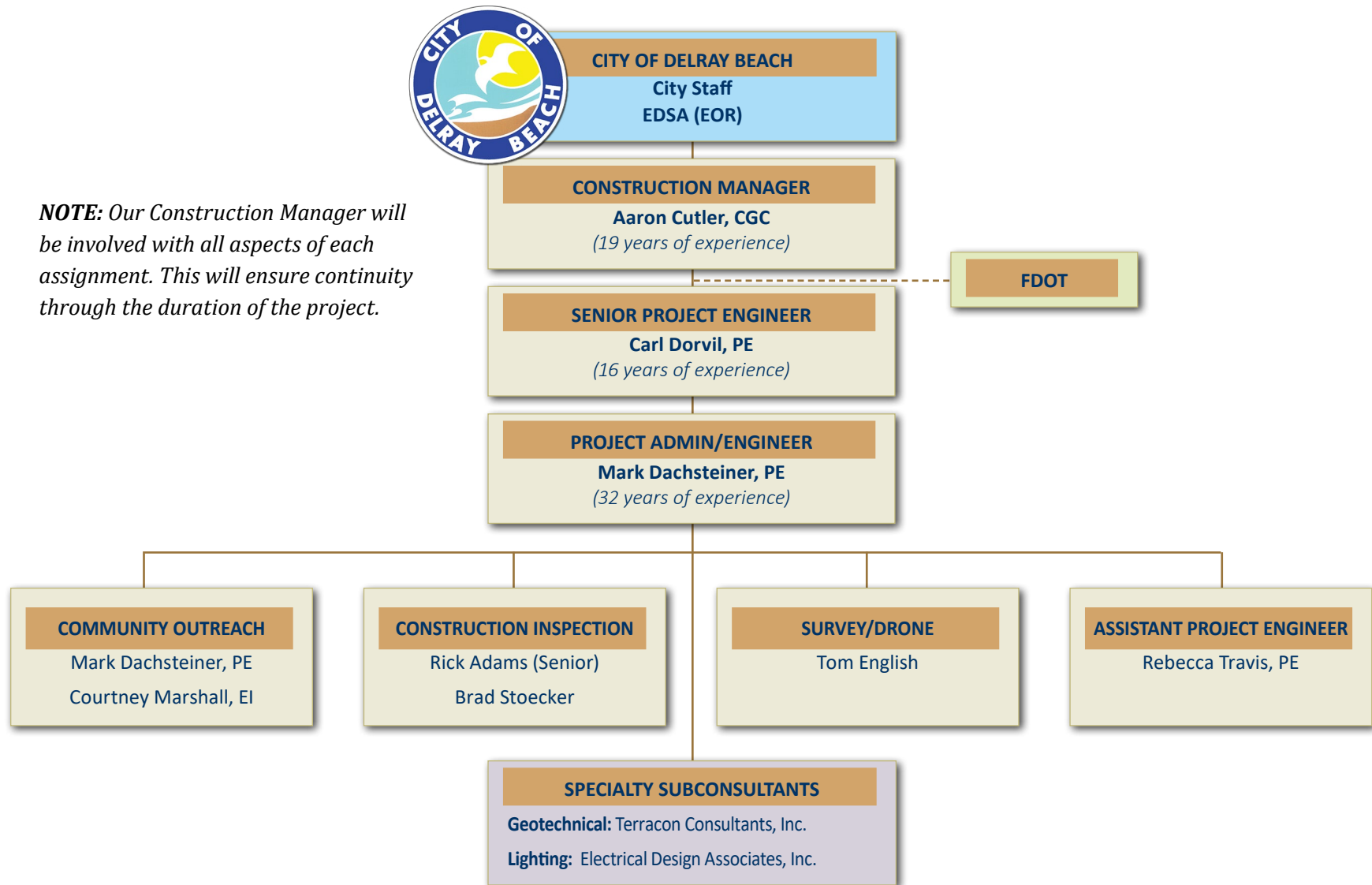
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## 7. Organizational Structure

Page 82

## DETAILED ORGANIZATIONAL CHART





## 7. Organizational Structure

Page 83

ARCHITECT-ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER (if any) RFQ No. 2019-021, Project No. 15-008		
<b>PART II – GENERAL QUALIFICATIONS</b> (If a firm has branch offices, complete for each specific branch office seeking work.)						
2a. FIRM (OR BRANCH OFFICE) NAME <b>Mathews Consulting, a Baxter &amp; Woodman Company</b>			3. YEAR ESTABLISHED <b>1946</b>	4. DUNS NUMBER <b>047569686</b>		
2b. STREET <b>477 S. Rosemary Ave., Suite 330</b>			5. OWNERSHIP			
2c. CITY <b>West Palm Beach</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>33401</b>	a. TYPE <b>Corporation</b>			
6a. POINT OF CONTACT NAME AND TITLE <b>David L. Mathews, P.E./Vice President, Florida Operations</b>			b. SMALL BUSINESS STATUS <b>N/A</b>			
6b. TELEPHONE NUMBER <b>561-655-6175</b>			6c. E-MAIL ADDRESS <b>dmathews@baxterwoodman.com</b>			
8a. FORMER FIRM NAMES(S) (If any) <b>Mathews Consulting, Inc.</b>			8b. YR. ESTABLISHED <b>1998</b>	8c. DUNS NUMBER <b>07-814-0873</b>		
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	28	1	A12	Automation, Controls, Instrumentation	6
08	CADD Technician	14	3	B02	Bridges	6
12	Civil Engineer	50	7	C12	Computer Facilities; Computer Science	6
15	Inspector	35	7	C15	Construction Management	6
16	Construction Manager	5	1	E03	Electrical Studies and Design	2
21	Electrical Engineer	3		E09	Environmental and Natural Resource Management	2
29	GIS Specialist	6		G04	Geographic Information Systems	3
30	Geologist	1		I03	Industrial Waste Treatment	3
57	Structural Engineer	4		L06	Lighting	
60	Transportation Engineer	46	2	P05	Planning	1
62	Water Resources Engineer	9	1	R04	Recreation Facilities (Parks, Marinas, etc.)	1
38	Land Surveyor	7	3	S04	Sewage Collection, Treatment and Disposal	7
	Automation Controls Engineer	22		S09	Structural Design	2
	Computer Science	11		S10	Surveying; Platting; Mapping; Flood Plain Studies	3
				S13	Storm Water Handling/Facilities	5
				T03	Traffic & Transportation Engineering	8
				T04	Topographic Surveying	2
				W02	Water Resources; Hydrology; Ground Water	3
				W03	Water Supply; Treatment and Distribution	6
	Other Employees					
	<b>Total</b>	<b>241</b>	<b>25</b>			


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**7. Organizational Structure**Page **84**

<b>11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS</b> <i>(Insert revenue index number shown at right)</i>		<b>PROFESSIONAL SERVICES REVENUE INDEX NUMBER</b>	
a. Federal Work		1. Less than \$100,000	6. \$ 2 million to less than \$ 5 million
b. Non-Federal Work	<b>9</b>	2. \$100,000 to less than \$250,000	7. \$ 5 million to less than \$ 10 million
c. Total work	<b>9</b>	3. \$250,000 to less than \$500,000	8. \$ 10 million to less than \$ 25 million
		4. \$500,000 to less than \$ 1 million	9. \$ 25 million to less than \$ 50 million
		5. \$ 1 million to less than \$ 2 million	10. \$ 50 million or greater

<b>12. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts	
a. SIGNATURE 	B. DATE <b>2/5/2019</b>
c. NAME AND TITLE <b>David Mathews P.E., Vice President</b>	

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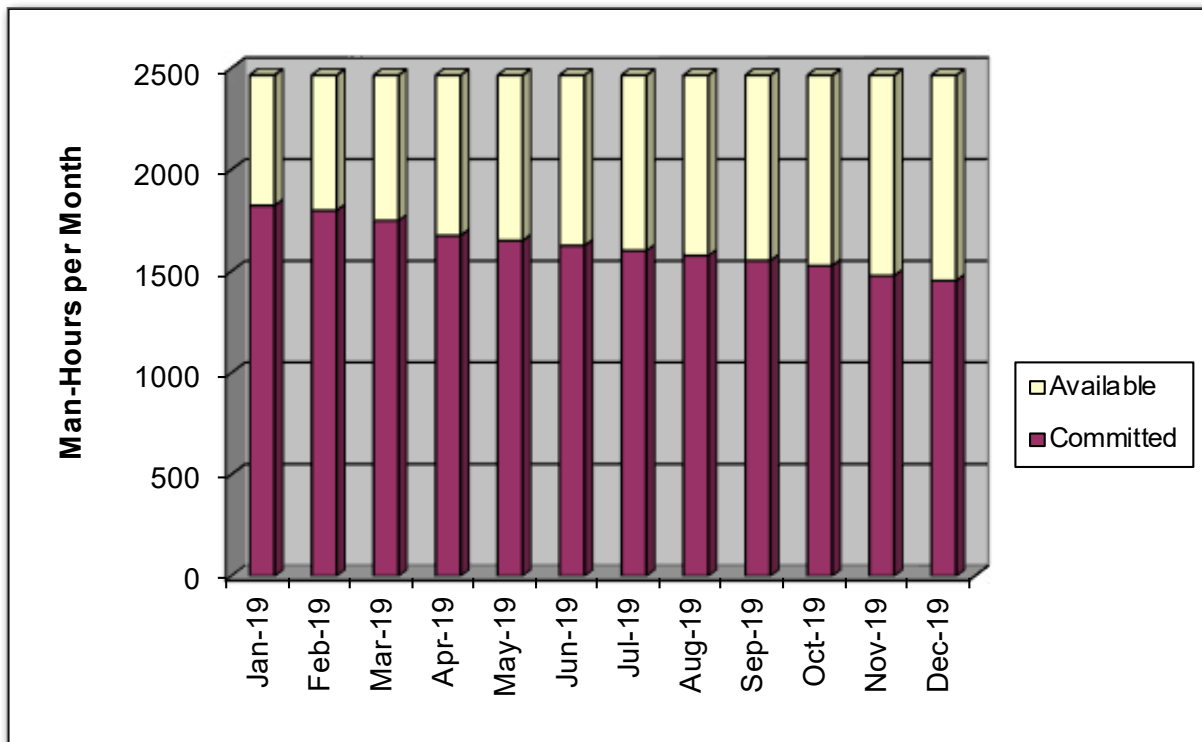
STANDARD FORM 330 (REV. 8/2016) PAGE 8

### LOCAL, AVAILABLE, & COMMITTED

Mathews Consulting is available to begin the work tasks associated with this Contract immediately. Our experienced staff permits us to commit all of our necessary resources to the City of Delray Beach Construction Engineering and Inspection Services for the Beach Master Plan Improvement project. Mathews Consulting is committed to assign the most qualified, technical expertise to this project assignment, meet the required schedules and budgets, and produce exceptional project results.

***Our Construction Manager, Aaron Cutler, C.G.C., will be fully dedicated to this Contract and to the City to ensure that all project tasks are performed on time and within budget. Our Project Director and Construction Manager will be available for the duration of this Contract.***

Mathews Consulting's projected workload is presented in the figure below. The chart shows that we have more than enough man-hours available to provide Construction Administration, Resident Project Representative Services, and coordination for this Contract. We are immediately available to provide exceptional construction engineering and inspection services to the City of Delray Beach.



As the chart demonstrates, our workload availability far exceeds the required staffing allocation for this project. This project will be our TOP PRIORITY, and we will devote all required resources and personnel to the project that is required to complete the project tasks efficiently, with the highest quality of standards. All key team members that will be involved in this project have availability for the duration of this project.





## TAB 8: Attachments



## 8. ATTACHMENTS

Our fully executed forms and Affidavits required by this solicitation have been submitted online through BidSync.

<input type="checkbox"/>	<a href="#">RFQ 2019-021 CEI Services for Beach Master Plan, Phase 2 JA.pdf</a>	<a href="#">[download]</a>	 Viewed
<input type="checkbox"/>	<a href="#">Standard Form 330 SF330.pdf</a>	<a href="#">[download]</a>	 Viewed
<input type="checkbox"/>	<a href="#">Acknowledgement of Addenda</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Conflict of Interest Disclosure Form</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Drug-Free Workplace</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Notification of Public Entity Crimes Law</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Notification of Public Records Law</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Solicitation Summary</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Submittal Page</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Submittal Signature Page</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">Truth-In-Negotiation</a>	<a href="#">[download]</a>	 Accepted
<input type="checkbox"/>	<a href="#">2019-021 Addendum No. 1.pdf</a>	<a href="#">[download]</a>	 Viewed
<input type="checkbox"/>	<a href="#">BMP Ph 2 Drawings.zip</a>	<a href="#">[download]</a>	 Viewed

[Select all](#)   [Deselect all](#)   
  = Included in Bid Packet   
  = Excluded from Bid Packet

Supplier: **Baxter & Woodman, Inc.**

**ACKNOWLEDEMENT OF ADDENDA**

INSTRUCTIONS COMPLET PART I OR PART II, WHICHEVER APPLIES

**PART I**

List below that dates of issue for addendum received in connection with this solicitation.

Addendum #1, Dated **1/23/2019**

Addendum #2, Dated

Addendum #3, Dated

Addendum #4, Dated

Addendum #5, Dated

Addendum #6, Dated

Addendum #7, Dated

Addendum #8, Dated

Addendum #9, Dated

Addendum #10, Dated

**PART II**

☐ NO ADDENDUM WAS RECEIVE IN CONNECTION WITH THE SOLICATION

**Mathews Consulting, a Baxter & Woodman Company**

Firm Name

Signature

**David Mathews, PE, Executive Vice President**

Name and Title

**2/5/19**

Date

Supplier: **Baxter & Woodman, Inc.**

### CONFLICT OF INTEREST DISCLOSURE FORM

The award of this contract is subject to the provisions of Chapter 112, *Florida Statutes*. All Bidders/Proposers must disclose within their Bid/Proposal: the name of any officer, director, or agent who is also an employee of the City of Delray Beach.

Furthermore, all Bidders/Proposers must disclose the name of any City employee who owns, directly or indirectly, an interest of more than five percent (5%) in the Bidder's/Proposer's firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for evaluation team members and other key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:

- ☒ To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other Cities, Counties, contracts, or property interest for this Bid/Proposal.
- ☐ The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other Cities, Counties, contracts, or property interest for this Bid/Proposal.

Acknowledged by:

**Mathews Consulting, a Baxter & Woodman Company**

Firm Name

**David Mathews, PE, Vice President**

Signature

**David Mathews, PE, Vice President**

Name and Title

**2/5/2019**

Date

Supplier: **Baxter & Woodman, Inc.**

## DRUG-FREE WORKPLACE

**Mathews Consulting, a Baxter & Woodman Company** is a drug-free workplace and has  
(Company Name)  
a substance abuse policy in accordance with and pursuant to Section 440.102, *Florida Statutes*.

Acknowledged by:

**Mathews Consulting, a Baxter & Woodman Company**

Firm Name

**David Mathews, PE, Vice President**

Signature

**David Mathews, PE, Vice President**

Name and Title

**2/5/2019**

Date

**Supplier: Baxter & Woodman, Inc.**

### **NOTIFICATION OF PUBLIC ENTITY CRIMES LAW**

Pursuant to Section 287.133, *Florida Statutes*, you are hereby notified that a person or affiliate who has been placed on the convicted contractors list following a conviction for a public entity crime may not submit a Bid/Proposal on a contract to provide any goods or services to a public entity; may not submit a Bid/Proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit Bids/Proposals on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, sub-Bidder/sub-Proposer, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 [F.S.] for Category Two [\$35,000.00] for a period of thirty-six (36) months from the date of being placed on the convicted contractors list.

Acknowledged by:

**Mathews Consulting, a Baxter & Woodman Company**

Firm Name

**David Mathews, PE, Vice President**

Signature

**David Mathews, PE, Vice President**

Name and Title

**2/5/2019**

Date



**Supplier: Baxter & Woodman, Inc.**

## **Notification of Public Records Law Pertaining to Public Contracts and Requests for Contractor Records Pursuant to Chapter 119, *Florida Statutes***

Pursuant to Chapter 119, *Florida Statutes*, Contractor shall comply with the public records law by keeping and maintaining public records required by the City of Delray Beach in order to perform the service. Upon request from the City of Delray Beach' custodian of public records, contract shall provide the City of Delray Beach with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, *Florida Statutes* or as otherwise provided by law. Contractor shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract. If the Contractor does not transfer the records to the City of Delray Beach. Contractor upon completion of the contract, shall transfer, at no cost, to the City of Delray Beach all public records in possession of the Contractor or keep and maintain public records required by the City of Delray Beach in order to perform the service. If the Contractor transfers all public records to the City of Delray Beach upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City of Delray Beach, upon request from the City of Delray Beach' custodian of public records, in a format that is compatible with the information technology systems of the City of Delray Beach.

**IF THE SELECTED BIDDER/PROPOSER HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE SELECTED BIDDER'S/PROPOSER'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT CITY OF DELRAY BEACH, CITY CLERK, 100 N.W. 1<sup>ST</sup> AVE., DELRAY BEACH FLORIDA. THE CITY CLERK'S OFFICE MAY BE CONTACTED BY PHONE AT 561-243-7050 OR VIA EMAIL AT CITYCLERK@MYDELRAYBEACH.COM.**

Acknowledged:

**Mathews Consulting, a Baxter & Woodman Company**

Firm Name

**David Mathews, PE, Vice President**

Signature

**David Mathews, PE, Vice President**

Name and Title (Print or Type)

**2/5/2019**

Date

**Supplier: Baxter & Woodman, Inc.**

## **SOLICITATION SUMMARY**

### **IMPORTANT NOTICE**

The information you provide on this page may be read aloud at the PUBLIC OPENING for this Solicitation. It is VERY IMPORTANT that the summary information you provide below is exactly the same information contained in your Bid. If subsequent to the opening of Bids/Proposals, the City determines that the information contained in the electronic version of your Bid/Proposal is different from the information on this Solicitation Summary, the City reserves the right to deem your Bid/Proposal NON-RESPONSIVE and remove your Bid/Proposal from further evaluation and consideration for contract award.

### **BID INFORMATION**

Solicitation Number: **2019-021**

Title: **CEI SERVICES FOR BEACH MASTER PLAN, PHASE 2**

Due Date and Time: **February 20, 2019 @ 2:00 p.m., (LOCAL TIME)**

Name of Bidder/Proposer: **Mathews Consulting, a Baxter & Woodman Company**

Address **477 S. Rosemary Ave., Suite 330, West Palm Beach, FL 33401**

Contact Person **David Mathews, PE, Vice President**

Bid/Proposal Amount (if applicable): **NA**

Authorized Signature:

Date: **2/5/2019**

By signing and submitting this Solicitation Summary, the Bidder/Proposer affirms that the information provided above is an exact and correct summary of the information contained in the electronic version of the Bidder's/Proposer's Bid/Proposal to the City of Delray Beach.

**THIS SOLICITATION SUMMARY MUST BE SIGNED AND INCLUDED AS AN ORIGINAL HARDCOPY IN THE SEALED PACKAGE CONTAINING YOUR BID/PROPOSAL OR SIGNED AND INCLUDED WITH YOUR SECURE ELECTRONIC BID/PROPOSAL SUBMITTAL THROUGH [WWW.BIDSYNC.COM](http://WWW.BIDSYNC.COM).**

**Supplier: Baxter & Woodman, Inc.**

**BID/PROPOSAL SUBMITTAL**

**This form is part of your original Bid/Proposal submittal package. Please also attach any additional information or documentation requested in this solicitation. There is no need to include the informational sections of this solicitation in your Bid/Proposal submittal package.**

**INSTRUCTIONS**

Sealed Bids/Proposals must be received on or before the due date and time (local time) via electronic submission at [www.bidsync.com](http://www.bidsync.com), or via hard copy at the City of Delray Beach City Hall Front Lobby Reception Desk, 100 N.W. 1<sup>st</sup> Avenue, Delray Beach, Florida 33444. Normal City business hours are 8:00 AM to 5:00 PM, Monday through Friday, except holidays. **All Bids/Proposals will be publicly opened** at City Hall unless otherwise specified.

Each hard copy Bid/Proposal submitted to the City shall have the following information clearly marked on the face of the envelope: Bidder's/Proposer's name, return address, solicitation number, due date for Bids/Proposals, and the title of the solicitation. If the Solicitation Summary is not included in the package, the City may deem the Bid/Proposal non-responsive. Bids/Proposals must contain all information required to be included in the submittal, as described in this Solicitation.

Solicitation No.: **2019 - 021**

Solicitation Title: **CEI SERVICES FOR BEACH MASTER PLAN, PHASE 2**

Due Date and Time: **February 20, 2019 @ 2:00 p.m., (LOCAL TIME)**

**Mathews Consulting, a Baxter & Woodman Company**

Name of Bidder/Proposer

Supplier: **Baxter & Woodman, Inc.**

### SUBMITTAL SIGNATURE PAGE

By signing this document, the Bidder/Proposer certifies that it satisfies all legal requirements as an entity to do business with the City, including all Conflict of Interest and Code of Ethics provisions.

Firm Name: **Mathews Consulting, a Baxter & Woodman Company**

Street Address: **477 S. Rosemary Ave., Suite 330, West Palm Beach, FL 33401**

Mailing Address (if different from Street Address):

Telephone Number(s): **561.655.6175**

Fax Number(s): **561.655.6179**

Email Address: **dmathews@baxterwoodman.com**

Federal Employer Identification Number: **36-2845242**

Prompt Payment Terms: % days' net days

Signature: **David Mathews, PE**

(Signature of authorized agent)

Print Name: **David Mathews, PE**

Title: **Vice President**

Date: **2/5/2019**

By signing this document, the Bidder/Proposer agrees to all terms and conditions of this solicitation and the resulting contract/agreement.

**THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF BIDDER/PROPOSER TO BE BOUND BY THE TERMS OF ITS BID/PROPOSAL, FOR NOT LESS THAN 90 DAYS, AND THE BIDDER'S/PROPOSER'S UNEQUIVOCAL OFFER TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH IN THIS SOLICITATION. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE, BY AN AUTHORIZED REPRESENTATIVE, SHALL RENDER THE BID/PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY BID/PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE BIDDER/PROPOSER TO THE TERMS OF ITS BID/PROPOSAL.**

Supplier: **Baxter & Woodman, Inc.**

**TRUTH – IN – NEGOTIATION CERTIFICATE**

The undersigned warrants (i) that it has not employed or retained any company or person, other than bona fide employees working solely for the undersigned, to solicit or secure the Agreement and (ii) that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than its bona fide employees working solely for the undersigned or agreed to pay any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of the Agreement.

The undersigned certifies that the wage rates and other factual unit costs used to determine the compensation provided for in the Agreement are accurate, complete, and current as of the date of the Agreement.

Name: **David Mathews, PE**  
Title: **Vice President**  
Date: **2/4/19**  
Signature: **David Mathews, PE, Vice President**