



**Craven Thompson
& Associates, Inc.**
Project Management
Engineering
Landscape Architecture
Surveying & Planning

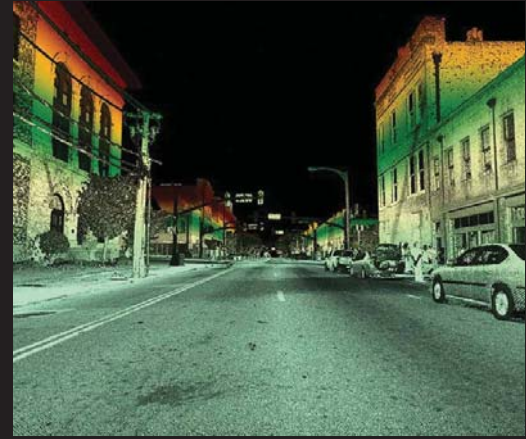
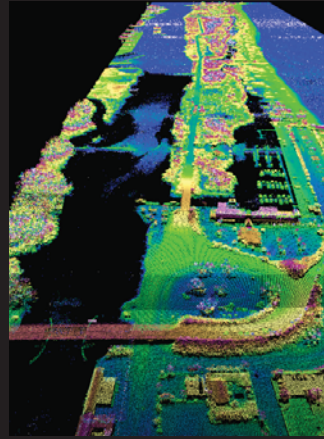
3563 NW 53rd Street,
Fort Lauderdale, FL 33309
Phone: (954) 739-6400

PREPARED FOR



REQUEST FOR QUALIFICATIONS TO PROVIDE DESIGN SERVICES TO THE HOLLYWOOD CRA FOR HOLLYWOOD BOULEVARD STREETSCAPE

OCTOBER 28, 2020



Section 1: Title Page

**REQUEST FOR QUALIFICATIONS TO PROVIDE DESIGN SERVICES TO THE
HOLLYWOOD COMMUNITY REDEVELOPMENT AGENCY
FOR HOLLYWOOD BOULEVARD STREETScape
DCRA 20-027**

**SUBMITTED TO:
HOLLYWOOD COMMUNITY REDEVELOPMENT AGENCY**



SUBMITTED BY:
Craven, Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309
Contact: Joseph D. Handley, R.L.A.
Vice President, Planning & Landscape Architecture
Phone: (954) 739-6400
Email: jhandley@craventhompson.com

CRAVEN THOMPSON



& ASSOCIATES INC.

OCTOBER 28, 2020

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Section 3: Letter of Transmittal

SECTION 3: LETTER OF TRANSMITTAL



October 28, 2020

City of Hollywood
Office of the City Clerk
2600 Hollywood Boulevard, Room #220
Hollywood, Florida 33020

**RE: REQUEST FOR QUALIFICATIONS DCRA 20-027
REQUEST FOR QUALIFICATIONS TO PROVIDE DESIGN SERVICES TO THE HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY FOR HOLLYWOOD BOULEVARD STREETScape**

Selection Committee Members:

Craven Thompson and Associates, Inc. is pleased to submit this Statement of Qualifications for your consideration in response to the **City of Hollywood Florida Community Redevelopment Agency's** Request for Qualifications to *"Provide Design Services to the Hollywood Community Redevelopment Agency for Hollywood Boulevard Streetscape"*.

Craven Thompson understands that the Hollywood CRA intends to issue a single contract to a consulting firm as prime consultant to provide professional consulting services to the CRA for the project known as Hollywood Boulevard Streetscape, from 21st Avenue to Young Circle in the Downtown CRA. The design will also include one block north and one block south of Hollywood Boulevard including 19th, 20th, and 21st Avenues, from Hollywood Boulevard to Tyler Street to the north, and from Hollywood Boulevard to Harrison Street to the south. The consulting firm of Bermello Ajamil & Partners created a Feasibility Study/Master Plan for the desired roadway, and parking geometry, lighting, drainage, hardscape and landscape improvements. Currently, Craven Thompson is working on the Hollywood Boulevard Rehabilitation Feasibility Study from 28th Avenue to east of City Hall Circle. If selected, Craven Thompson will: advance the design concepts and develop specifications, plans, schedules and cost estimates to the 50% design development, 90% final design, and 100% construction document stages; perform all field tests, and laboratory tests necessary to design and permit the project; attend Downtown Hollywood Business Association Meetings and Downtown Civic Association Meetings, CRA Board Meetings as needed to coordinate public input into the final design and recommended procedures for the implementation of the final design; prepare, and submit signed and sealed construction documents to the Hollywood Building Division, the Broward County Environmental Protection & Growth Management Division – SWM Department and any other agencies having jurisdiction to process the applications for issuance of the required permits.

We will also provide the CRA with bidding assistance and participate in the construction administration of the project on an as-needed basis (as determined by the CRA), providing services such as: submittal review; attendance at the pre-bid conference, and pre-construction meeting; attendance at weekly construction meetings; review of shop drawings and RFIs; conducting daily field observations; resolution of on-site problems and answering technical questions as construction progresses; handling change orders; and performing payment request reviews.

SECTION 3: LETTER OF TRANSMITTAL

Craven Thompson commits to providing the CRA with the creative and experienced staff necessary for the successful implementation of this project. We will provide all staff time and resources needed to meet the accelerated schedule as desired by the CRA.

Authorized Agent

Craven, Thompson & Associates, Inc.

Federal Tax Identification Number: 59-0948029

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

Phone: (954) 739-6400 / Fax: (954) 739-6409

Contact: Joseph D. Handley, R.L.A., Vice President, Planning & Landscape Architecture

Email: jhandley@craventhompson.com

Over fifty-eight (58) years in business, and through scores of a wide variety of governmental projects, our seventy-five (75) employees have gained an invaluable skill set and extensive experience in providing quality professional services for an enormous diversity of projects for a variety of municipalities. These projects have included numerous streetscape and complete streets projects.

Craven Thompson team will include:

- Craven Thompson & Associates as the prime consultant providing project management, surveying services, landscape architecture/streetscape, and civil engineering/roadway/drainage design and permitting
- Electrical Design Associates to provide Lighting & Electrical Engineering services (CBE/MBE)
- InfraMap Corp. to provide Subsurface Utility Locates
- Masuen Consulting to provide Irrigation Design services
- Tierra South Florida to provide Geotechnical Engineering services (MBE)
- Traf Tech Engineering to provide Traffic Engineering services

We sincerely appreciate the opportunity of providing this response to the Hollywood Florida CRA and hope to continue a positive working relationship with the CRA and staff.

Sincerely,

CRAVEN THOMPSON & ASSOCIATES, INC.



JOSEPH D. HANDLEY, R.L.A.

Vice President, Planning & Landscape Architecture

JDH/tg

Section 4: Standard Form 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. **TITLE AND LOCATION (City and State)**

Request for Qualifications to Provide Design Services to the Hollywood Community Redevelopment Agency for Hollywood Boulevard Streetscape, Hollywood, Florida

2. **PUBLIC NOTICE DATE**

September 29, 2020

3. **SOLICITATION OR PROJECT NUMBER**

DCRA 20-027

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. **NAME AND TITLE**

Joseph D. Handley, R.L.A., Vice President, Planning & Landscape Architecture

5. **NAME OF FIRM**

Craven, Thompson & Associates, Inc.

6. **TELEPHONE NUMBER**

(954) 739-6400

7. **FAX NUMBER**

(954) 739-6409

8. **E-MAIL ADDRESS**

jhandley@craventhompson.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME <input type="checkbox"/> CHECK IF BRANCH OFFICE	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	X			Craven Thompson & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	3563 NW 53 rd Street Fort Lauderdale, Florida 33309	Comprehensive Street Improvements / Complete Streets - Landscape Architecture, Surveying, Civil Engineering, Roadway and Drainage Design, Permitting and Construction Services
b.			X	Tierra South Florida, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	Geotechnical Engineering and Testing
c.			X	Traf Tech Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	8400 N. University Drive Suite 309 Tamarac, Florida 33321	Traffic Engineering
d.			X	Masuen Consulting, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	301 South Washington Avenue Suite F Newport, Washington 99156	Landscape Irrigation Design
e.			X	Electrical Design Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	8401 Lake Worth Road, Suite 221 Lake Worth, Florida 33467	Lighting & Electrical Power Source
f.			X	InfraMap Corp. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1860 Old Okeechobee Road Unit 201 West Palm Beach, Florida 33409	Sub-Surface Utility Locates

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)



PART I - CONTRACT-SPECIFIC QUALIFICATIONS

D. Organizational Chart of Proposed Team



**PRINCIPAL-IN-CHARGE/
PROJECT MANAGER/
LEAD LANDSCAPE ARCHITECT**
Joseph D. Handley, R.L.A.



**LANDSCAPE ARCHITECTURE -
STREETSCAPE**

Scott Peavler, R.L.A.
Justin Rietema, RLA



IRRIGATION DESIGN
Judy Jensen



LEAD CIVIL ENGINEER
Patrick J. Gibney, P.E.



CIVIL ENGINEERING
Douglas Taylor, P.E.
Matthew Cigale, P.E.



**CONSTRUCTION
ADMINISTRATION**
Don Shaver



LEAD SURVEYOR
Richard D. Pryce, P.S.M.



SURVEYING
Raymond Young, P.S.M.



**GEOTECHNICAL
ENGINEERING & MATERIALS
TESTING**
Kumar Vedula, P.E.



**Electrical Design Associates
INC.**
LIGHTING & ELECTRICAL
Lillian Reyes, P.E.
Dameion Donaldson, P.E.



**TRAFFIC
ENGINEERING**
Joaquin Vargas, P.E.



**SUB-SURFACE UTILITY
LOCATES**
Andres Garcia, ULM



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Joseph D. Handley, R.L.A.	13. ROLE IN THIS CONTRACT Principal-In-Charge, Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 32
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Clemson University, B.S. in Ornamental Horticulture (1980); University of Georgia & Louisiana St. University, Master in Landscape Architecture Studies (1984)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. 1368 (1990)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - American Society of Landscape Architects - CPTED Certification (August 1999)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Bicycle/Pedestrian Greenway & Trails Master Plan Sunrise, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Handley was the Principal in Charge for the preparation of the Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the City of Sunrise in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government.		
b.	(1) TITLE AND LOCATION (City and State) Miramar Parkway & Miramar Boulevard Median Enhancements, Miramar, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project included landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lacked aesthetic appeal and required various beautification enhancements. This is Phase I of a multi-phased project. The project required permitting through the City and Broward County Construction and Highway Engineering Department.		
c.	(1) TITLE AND LOCATION (City and State) NE 34 th Court Complete Streets Project, (from NE 2 nd Avenue to Dixie Highway), Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012 - 2013	CONSTRUCTION (If applicable) 2013 - 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Landscape Architect for the landscape, streetscape and irrigation design for the roadway reconstruction design of approximately 0.60 miles.		
d.	(1) TITLE AND LOCATION (City and State) Indian Creek Drive Landscape Project Miami Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION (If applicable) 2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Landscape Architect - The primary goal of the Indian Creek Drive Landscape Project was to design a greenway master plan concept that improves the landscape aesthetics and pedestrian experience along the Indian Creek Waterway. The project included the introduction of a diverse, low-maintenance, tropical, Florida Friendly, naturalized, and native plant pallet that encourages the return of the area's natural fauna, and promotes the ecology of the waterway for the benefit of the general public.		
e.	(1) TITLE AND LOCATION (City and State) NE 38 th Street Complete Streets Project (from Andrews Avenue to NE 11 th Avenue), Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011 - 2013	CONSTRUCTION (If applicable) 2013 - 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Landscape Architect for the landscape, streetscape and irrigation design for the roadway reconstruction design of approximately 0.90 miles of roadway improvements.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Scott W. Peavler, R.L.A.	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Kansas State University Bachelor in Landscape Architecture (2005)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. LA6666976 (2008)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member of American Society of Landscape Architects			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	NE 14 th Avenue Streetscape Improvements Hallandale Beach, Florida	2015 - 2016	2016 - 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project area is along NE 14 th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included: Mill and overlay entire roadway (including pavement markings); on east side of NE 14 th Avenue, mill and overlay off-street parking (including pavement markings) and provided new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover.		
b.	Coconut Creek Landscape Plan Reviews Coconut Creek, Florida	2012 - Present	Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provides landscape consulting services in regards to Landscape plan reviews. The services provided include full DRC reviews, Administrative Approval reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.		
c.	Miramar Historical Area Complete Streets – Phase II Miramar, Florida	2018 - 2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Craven Thompson was selected by the City of Miramar for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.		
d.	Powerline Road Median Beautification Oakland Park, Florida	2014	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Peavler designed landscape modifications to medians on Powerline Road (State Road 845) located between Prospect Road and Commercial Boulevard (within the City limits). This included tree relocation, new landscaping & irrigation while coordinating between the City and the Florida Department of Transportation (FDOT).		
e.	69 th Street Greenway Design Guidelines Coconut Creek, Florida	2014	Varies by Phase
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect - Mr. Peavler worked with the City to develop and prepare an illustrative Design Guidelines package complete with conceptual plans and typical sections to give future developers an understanding of the design intent for the 69 th Street Greenway. The Design Guidelines package included landscape guidelines, plans, typical sections, plant palettes, typical lighting elements, and site amenities per the City of Coconut Creek standards.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Justin Rietema, R.L.A.	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelors of Landscape Architecture, Iowa State University, (2006)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Registered Landscape Architect Florida Registration No. 6667055 (2009)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Sunrise Athletic Complex Sunrise, Florida	2018 - 2019	2019-2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project includes four baseball/softball fields or one (1) full size multi-use soccer / football field, hard covered dugouts, bleachers with cantilevered shade canopies, centralized two-story concession, restroom, meeting space and scorer's building, one (1) restroom / maintenance building for the soccer fields, two (2) playgrounds with shade structures, sports lighting for all fields, batting cages, two (2) parking lots with entry signage, southbound right turn lane on Pine Island Road.		
b.	City-Wide Median Beautification Lauderhill, Florida	2018 - 2019	Varies by Phase
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project limits include the medians located within the City right-of-way for these street sections: NW 44th Street from University to Inverrary Boulevard west, NW 19th Street & intersection with NW 55th Avenue, NW 55th Avenue from NW 15th Street to NW 16th Court, NW 16th Street from NW 55th Avenue to NW 54th Terrace, NW 12th Street from NW 42nd Way to SR7/441, NW 16th Street from NW 46th Terrace to NW 38th Avenue, NW 26th Street from NW 41st Avenue to SR7/441, NW 38th Avenue from NW 19th Street to NW 18 Court, NW 38th Avenue from NW 38th Way to NW 5th Court, NW 36th Avenue from W Broward Boulevard to NW 1st Court, NW 33rd Avenue from W. Broward Boulevard to NW 4th Street.		
c.	River Oaks Preserve Fort Lauderdale, Florida	2019-2020	Estimated 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consists of final design and construction of a stormwater retention pond, wetland areas, tree islands, native plantings and associated drainage features such as grass berms, culverts and discharge control structures. The project also includes passive recreational park amenities such as an elevated boardwalk, elevated gazebo with educational historical references for the CSX bridge and River Oaks Preserve.		
d.	Six Senses Resort Turks & Caicos	2015 - 2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Served as the project manager of this high-end eco-friendly resort and residential project that spans over 200 acres and 1 mile of coast line. The project is situated within a national park with 45 luxurious residential lots and 80 resort villas that are planned around a 20-acre natural lagoon feature.		
e.	Griffin Park Lake Mary, Florida	2013 - 2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Assisted in the design of the public use spaces, this planned residential community consist of single-family homes that are all connected by a series of parks and green spaces. Designing the arrival signage, fencing details, and park zones were all part of the responsibilities of this project.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Patrick J. Gibney, P.E.	13. ROLE IN THIS CONTRACT Lead Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 27
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Rutgers, The State University, Bachelor of Science, Civil Engineering (1987)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - Florida No. 49428 (1995)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	NW 10 th Avenue Roadway Improvement Project Oakland Park, Florida	2018 - 2019	2020 - 2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The scope of work includes design of 2,900 linear feet of roadway, landscaping, irrigation, photo-metrics, coordination, drainage, LAP services, etc. for the NW 10 th Avenue Roadway Project from Park Lane West (NW 33 rd Street) to Prospect Road, including preparation of contract documents and permitting. Generally, improvements include the addition of bike lanes, curbing, six (6) feet wide sidewalk on the west side of the roadway, landscaping and irrigation system, swale and street lighting improvements. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	NE 34 th Court Complete Streets Project Oakland Park, Florida	2012 - 2013	2013 - 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for engineering services for the design and permitting of approximately 0.70 miles of roadway improvements on NE 34 th Court from NE 2 nd Avenue to Dixie Highway. The streetscape and engineering services included surveying full roadway reconstruction design, stormwater management, ADICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project utilized FDOT LAP funding for construction. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	SW 41 st Place, Eastside Infrastructure Improvements, Phase I, Town of Davie, Florida	2009	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager - Preparation, permitting and bidding of Phase I of Eastside Infrastructure Improvements, including storm drainage, roadway, water and sanitary sewer improvements. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	NE 38 th Street Complete Streets Project Oakland Park, Florida	2011 - 2013	2013 - 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for the landscape, streetscape and irrigation design for the roadway reconstruction design of approximately 0.90 miles of roadway improvements. <input checked="" type="checkbox"/> Check if project performed with current firm		
e.	NE 5 th Avenue Streetscape & Reconstruction Oakland Park, Florida	2010	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, streetscape, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground. Patrick was the Project Manager responsible for in-house inspections of the roadway, sidewalks, drainage and water systems. <input checked="" type="checkbox"/> Check if project performed with current firm		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Matthew Cigale, P.E.	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering, Clarkson University, Potsdam, New York (1996)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer - Florida No. 74584 (2012)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member, American Society of Mechanical Engineers, Computer Skills: AutoCAD, MicroStation, SewerCad, WaterCad			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	6 th Avenue South Roadway & Streetscape Improvements Lake Worth Beach, Florida	2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project limits are 6th Avenue South - Federal Highway to Dixie Highway. The scope of work included mill existing pavement 1" +/- and reconstitute existing Type F curb, selective removal/replacement of sidewalk and curbing, striping, ADA ramps, and traffic calming features that will add aesthetic value.		
b.	NE 14 th Avenue Streetscape Project Hallandale Beach, Florida	2015 - 2016	2017 - 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project area is along NE 14 th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included: Mill and overlay entire roadway (including pavement markings); on east side of NE 14 th Avenue, mill and overlay off-street parking (including pavement markings) and provided new Type 'D' curbed landscape bulb-outs to delineate parallel parking and included canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover.		
c.	Washington Road Basis of Design Report (BODR) West Palm Beach, Florida	2014	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - The study area, totaling approximately three (3) acres, is located within a historic single-family residential neighborhood of West Palm Beach where many of the existing utility systems are inadequate, aging and in need of reconstruction. This BODR provided a basis for the final design of infrastructure improvements for the study area. The study provided for due diligence and preliminary engineering for potable water, sanitary sewer, stormwater/drainage, paving, curb & gutter, and sidewalk.		
d.	McIntosh Road Improvements Broward County Florida	2011-2012	2013 - 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Tasks included traffic and road realignment studies, surveying, transportation and geotechnical engineering, and Resident Project Representative services related to the expansion of the McIntosh Road corridor from an existing 4-lane divided urban collector to 6-8 lane divided urban collector with dedicated storage lanes. The engineering services include storm water management design and permitting and an evaluation of alternative methods for accommodating new roadway construction over organic materials.		
e.	Spangler Boulevard Improvements Broward County, Florida	2011	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - This project involved reconstructing the existing 4-lane divided urban collector into two 2-lane roadways with a security barrier between the parallel pairs to provide a secured roadway inside the Port Everglades operational areas and an unsecured roadway for access to the Greater Fort Lauderdale - Broward County Convention Center.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Douglas R. Taylor, P.E.	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE a. TOTAL 36	b. WITH CURRENT FIRM 9
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15. FIRM NAME AND LOCATION (City and State)

Craven Thompson & Associates, Inc., 3563 NW 53rd Street, Fort Lauderdale, Florida 33309

16. EDUCATION (DEGREE AND SPECIALIZATION)

University of Illinois (UIUC)
Bachelor of Civil Engineering (1984)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer - Florida No. 50569 (1996)
Professional Engineer - IL No. 44542 (1988)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

-FEMA ICS 100,200,700,800 - FEMA G300, G400 -Florida Green Building Council -Florida Redevelopment Association, APWA

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<p>Miramar Historic Area Complete Streets Project – Phase II Miramar, Florida</p>	<p>PROFESSIONAL SERVICES 2018 - 2019</p>	<p>CONSTRUCTION (if applicable) 2019</p>
<p>a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Craven Thompson was selected by the City for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Ave. to the west, and State Road 7 to the east. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.</p>		
<p>b. (1) TITLE AND LOCATION (City and State) SW 36th Street Improvements Davie, Florida</p>	<p>PROFESSIONAL SERVICES 2015</p>	<p>CONSTRUCTION (if applicable) 2019</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>The project consisted of roadway, roadway drainage, utility & landscape/hardscape improvements to SW 36th Street in Davie, Florida. The existing roadway section was expanded from 22' to 25' wide. SW 36th Street was designed as a two-lane divided boulevard from College Ave. to SW 76th Ave. within a 75-foot public ROW width.</p>		
<p>c. (1) TITLE AND LOCATION (City and State) Kimberly Boulevard Complete Streets Project North Lauderdale, Florida</p>	<p>PROFESSIONAL SERVICES 2018 - 2019</p>	<p>CONSTRUCTION (if applicable) 2020</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Project Manager for the Design and permitting of 1.2 miles of roadway, bicycle lane, median enhancements, a roundabout, landscaping, hardscape and lane reduction for an existing four-lane roadway subject to speeding and traffic accidents between autos, pedestrians, and bicyclists, Craven Thompson is providing survey, civil engineering, landscape architecture and construction administration and inspection.</p>		
<p>d. (1) TITLE AND LOCATION (City and State) Miami Springs City-Wide ADA Ramps Miami Springs, Florida</p>	<p>PROFESSIONAL SERVICES 2015</p>	<p>CONSTRUCTION (if applicable) 2015 - 2016</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Mr. Taylor assisted with the design and permitting of new and replacement ADA ramps throughout the City. The project was funded through the legislative appropriation process. The project included field evaluation of intersections throughout the City to determine the location of non-conforming or missing ADA ramps. Craven Thompson developed a set of construction plans for installation of the ramps per FDOT standards.</p>		
<p>e. (1) TITLE AND LOCATION (City and State) Traffic Calming at the Intersections of 123rd St. & NW 1st Ct., 123rd St. & Miami Ct., NW 139th Terr. & NW 5th Ct., North Miami</p>	<p>PROFESSIONAL SERVICES 2015</p>	<p>CONSTRUCTION (if applicable) 2016</p>
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Lead Engineer - The project involved the development of designs for traffic calming features along NW 123rd St. and NW 1st Court, NW 123rd Street and NW Miami Court, and 139th St. and NW 5th Ct. in the City of North Miami. These intersections had large expanses of pavement without traffic control and therefore required the implementation of traffic calming features. CTA design elevated intersections, removed pavement and introduced curbing to reduce speeds.</p>		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Donald A. Shaver	13. ROLE IN THIS CONTRACT Construction Administrator/Management	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science - Construction Science Kansas State University, Manhattan, Kansas (1981) Associate in Technical Education, Building Science, Hutchinson Community College, Hutchinson, KS (1978)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida General Contractor (Inactive)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Davie Road Phase 1 CEI Services Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015 - 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Manager - This project was for the construction engineering inspection services to re-construct a public roadway known as Davie Road Phase 1 from the State Road 84 right-of-Way to Nova Drive. The length of the reconstruction was approximately 2,640 LF. The construction project consisted of pavement, base and sub-grade reconstruction, curb & gutter construction, bike lane construction, sidewalk construction, median construction, driveway reconstruction within the Right-of-Way, drainage system construction, landscaping & irrigation construction, pavement marking & signage, traffic signal modification at Reese Road and at Nova Drive, street lighting, and coordination with utility companies.		
b.	(1) TITLE AND LOCATION (City and State) NE 14 th Avenue Streetscape Improvements Hallandale Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2016	CONSTRUCTION (If applicable) 2017 - 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Responsible for Construction Management - For the Mill and overlay of the entire roadway (3,400 LF, including pavement markings); on east side of NE 14 th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscaped islands.		
c.	(1) TITLE AND LOCATION (City and State) SW 36 th Street Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Shaver was responsible for Construction Management for the project. The project consisted of roadway, roadway drainage, utility & landscape/hardscape improvements to SW 36 th Street in Davie, Florida. The existing roadway section was expanded from 22' to 25' wide. SW 36 th Street was designed as a two-lane divided boulevard from College Ave. to SW 76 th Ave. within a 75-foot public right-of-way width.		
d.	(1) TITLE AND LOCATION (City and State) NE/NW 6 th Street (Sistrunk Blvd.) Streetscape and Enhancement Project, Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Management services for Sistrunk Blvd. Streetscape and Enhancement Project. The project was funded and managed by the Fort Lauderdale CRA and included streetscape improvements consisting of landscape, median, paver sidewalk, lighting, drainage and other improvements.		
e.	(1) TITLE AND LOCATION (City and State) Resurfacing and ADA Sidewalk Improvements Miami Gardens, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Manager. The resurfacing and ADA walk improvements included approximately 24,000 LF of road throughout the city in three neighborhoods. The neighborhoods consist of a mixture of single and multi-family residential dwellings. Significant amounts of the existing roadway infrastructure within these neighborhoods did not meet current ADA requirements, which warranted attention in order to conform to current standards.		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Richard D. Pryce, P.S.M.	13. ROLE IN THIS CONTRACT Lead Surveyor	14. YEARS EXPERIENCE a. TOTAL 46	b. WITH CURRENT FIRM 12
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15. FIRM NAME AND LOCATION (City and State)
Craven Thompson & Associates, Inc., 3563 NW 53rd Street, Fort Lauderdale, Florida 33309

16. EDUCATION (DEGREE AND SPECIALIZATION) Associates of Science in Criminal Justice, BCC (1978) Certificate in Advanced GIS & Remote Sensing, BCC (2002) Advanced ESRI ARCINFO & ARCIMS Training (ESRI, Charlotte, NC) 2004	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper Florida No. 4038 (1983)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- Current Director, Broward County Chapter of Florida Surveying Mapping Society - Chairman FSMS GIS Committee
- State & County Chapters, Florida surveying & Mapping Society - National Society of Professional Surveyors
- Geographic Land Information Society - Chairman FSMS Anti-theft Committee - American Congress on Surveying Mapping

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
Miramar Historical Area Complete Streets Project Survey Miramar, Florida	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td><td>CONSTRUCTION (If applicable) Not Applicable</td></tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) Not Applicable
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) Not Applicable		
<p>a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Craven Thompson was selected by the City to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.</p>			
b. (1) TITLE AND LOCATION (City and State) NE 38 th Street Complete Streets Project Survey Oakland Park, Florida	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2011</td><td>CONSTRUCTION (If applicable) 2013 - 2015</td></tr> </table>	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2013 - 2015
PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2013 - 2015		
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Project Survey Lead, Right-of-way surveys covering from Dixie Highway west to NW 10th Ave., then North to Prospect Road (2.5 miles). Boundary and topographic elevations for the existing right-of-way for reconstruction design.</p>			
c. (1) TITLE AND LOCATION (City and State) NE 34 th Ct. Complete Streets Project Survey Oakland Park, Florida	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2011 - 2013</td><td>CONSTRUCTION (If applicable) 2013 - 2015</td></tr> </table>	PROFESSIONAL SERVICES 2011 - 2013	CONSTRUCTION (If applicable) 2013 - 2015
PROFESSIONAL SERVICES 2011 - 2013	CONSTRUCTION (If applicable) 2013 - 2015		
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Lead Surveyor - The surveying, landscape, streetscape and engineering services include full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting.</p>			
d. (1) TITLE AND LOCATION (City and State) City of Miami Gardens General Consulting (Surveying) Services Miami Gardens, Florida	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2007 - Present</td><td>CONSTRUCTION (If applicable) Not Applicable</td></tr> </table>	PROFESSIONAL SERVICES 2007 - Present	CONSTRUCTION (If applicable) Not Applicable
PROFESSIONAL SERVICES 2007 - Present	CONSTRUCTION (If applicable) Not Applicable		
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Mr. Pryce has managed all survey activities on our general consulting services for Miami Gardens capital improvement projects including roadway and drainage improvements; infrastructure improvements; park projects; street resurfacing; traffic improvement projects; and roadway lighting.</p>			
e. (1) TITLE AND LOCATION (City and State) NE 14 th Avenue Streetscape Survey Hallandale Beach, Florida	<table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td><td>CONSTRUCTION (If applicable) Not Applicable</td></tr> </table>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) Not Applicable
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) Not Applicable		
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Principal Surveyor - Mr. Pryce managed the surveying tasks for the topo survey of this road. The project is along NE 14th Ave., between Hallandale Beach Blvd and Atlantic Shores Blvd. The project corridor is approx. 3,400 LF.</p>			



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME Raymond Young, P.S.M.	13. ROLE IN THIS CONTRACT Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 26
15. FIRM NAME AND LOCATION (City and State) Craven Thompson & Associates, Inc., 3563 NW 53 rd Street, Fort Lauderdale, Florida 33309			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Surveyor and Mapper Florida No. 5799 (1998)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Society of Professional Surveyors and Mappers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Biscayne Lake Gardens Milling & Resurfacing Project Survey Aventura, Florida	2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - Mr. Young prepared a topographic survey of aboveground improvements up to 2' beyond the edge of pavement for roadway milling, resurfacing and pavement marking drawings for the following areas within Biscayne Lake Gardens: NE 29 th Court, NE 201 st Terrace, NE 27 th Court, and the frontage road along NE 203 rd Street, a distance of approximately 3,500 feet.		
b.	NW 1 st Avenue, NW 15 th Avenue, & NW 15 th Drive Watermain Route Survey, North Miami Beach, Florida	2017	Not Applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Surveyor - Mr. Young prepared topographic route surveys for a project which involved installation of water mains at three separate locations, totaling 4,460 LF, to improve fire flow. NW 1 st Avenue, located within unincorporated Miami-Dade County, includes approximately 2,400 LF of 12" water main; NW 15 th Avenue, also within Miami-Dade County, included continuation of existing mains in two locations totaling 360 LF of 12" water main; and NW 15 th Drive included approximately 1,700 LF of 8" water main.		
c.	Miramar Historical Area Complete Streets Project - Phase II Survey, Miramar, Florida	2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Surveyor - Mr. Young prepared the topographic survey of the right-of-way of six (6) blocks within the Historical area of Miramar. The area is bounded by Pembroke Road to the north, County Line Road to the south, SW 62 nd Avenue to the west, and State Road 7 to the east.		
d.	NE 29 th Place and NE 203 rd Street Sidewalk Survey Aventura, Florida	2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Young Thompson provided professional surveying services specific to the preparation of sidewalk improvements to NE 29 th Place North along NE 203 rd Street from NE 29 th Place to NE 29 th Court. The improvements consisted of the addition of a sidewalk from the existing bus stop on NE 29 th Place (on the west side of the roadway) to the northeast corner of NE 29 th Court at NE 203 rd Street, including a marked crosswalk across NE 29 th Court.		
e.	Country Club Drive Milling & Resurfacing Project Survey Aventura, Florida	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Young prepared the survey and design base sheet for the complete milling and resurfacing of the outside half of right-of-way of Country Club Drive, including milling, asphalt paving, curbing, sidewalk repairs, re-setting brick pavers, handicap ramps, adjusting utilities, pavement markings, grading and restoration.		



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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
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21. TITLE AND LOCATION (CITY AND STATE)		22. YEAR COMPLETED
SW 36 th Street Improvements Davie, Florida		<div>PROFESSIONAL SERVICES</div> <div>2015</div> <div>CONSTRUCTION (If applicable)</div> <div>2019</div>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Nova Southeastern University/ Town of Davie	Mr. Randall Seneff Executive Director, Design & Construction	Phone: (954) 262-8805 Email: rseneff@nova.edu

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
The project consisted of roadway, roadway drainage, utility and landscape/hardscape improvements to SW 36th Street in Davie, Florida. The existing roadway section was approximately 22’ wide and was expanded to 25’ wide. SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. The roadway was raised in order to comply with SFWMD criteria. The improvements included roadway design and reconstruction, stormwater/drainage piping and structures, water distribution mains, coordination with franchise utilities, landscaping, pavers, pavement, sidewalks, fences and other miscellaneous items. Craven Thompson & Associates provided Civil Engineering, Landscape Architecture, Construction Engineering Inspection, and miscellaneous Survey services for the project. Construction Cost: \$7,007,191.00.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Roadway Design, Drainage Design, Utility, Landscape / Hardscape, Design, Permitting, and CEI Services
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> 1860 Old Okeechobee Rd., #201 West Palm Beach, FL 33409	(3) Role Subconsultant - Subsurface Utility Locates
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>2</div>	
21. TITLE AND LOCATION (CITY AND STATE) NE 14 th Avenue Streetscape Improvements Hallandale Beach, Florida		22. YEAR COMPLETED <div>PROFESSIONAL SERVICES</div> <div>2015</div> <div>CONSTRUCTION (If applicable)</div> <div>2018</div>	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Hallandale Beach	b. POINT OF CONTACT NAME Mr. Manga Ebbe, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 457-3043 Email: mebbe@hallandalebeachfl.gov	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>The project area is along NE 14th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides of the two (2) storm water pump stations. Landscaping along the west side of the enclosure is limited due to the close proximity of the screen fence to the existing sidewalk; PaveDrain concrete block access drives on each side of the two (2) storm water pump stations; mid-block crosswalks; and resting areas (benches, trash cans, etc.). Craven Thompson provided Surveying, Landscape Architectural, Civil Engineering, and Construction Engineering Inspection Services.</p> <p>Construction Cost: \$1,157,206.00</p>			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 4723 W. Atlantic Ave., Suite 12A Delray Beach, Florida 33445	(3) Role Prime – Surveying, Civil Engineering, Landscape Architecture, CEI/Construction Management & Inspection Services
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> 1860 Old Okeechobee Rd., #201 West Palm Beach, FL 33409	(3) Role Subconsultant - Subsurface Utility Locates
c.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION <i>(City and State)</i> 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
d.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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) NE 34 th Court Complete Streets Project Oakland Park, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2010 CONSTRUCTION (If applicable): 2015

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Ms. Jennifer Frastai, ICMA-CM Director of Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 630-4477 Email: Jenniferf@oaklandparkfl.gov

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

This project involved full consulting services for the design and permitting of approximately 0.70 miles of complete streets improvements on NE 34th Court from NE 2nd Avenue to Dixie Highway. The consulting services included landscape and streetscape enhancement, full roadway reconstruction design, stormwater management ADICPR modeling and design, storm sewer design, utility coordination and relocation, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson assisted the City of Oakland Park with the funding procurement process.

Construction Cost: \$3,255,630.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Streetscape, Landscape Architecture, Civil Engineering, Traffic, Drainage, CEI Services, LAP
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1860 Old Okeechobee Rd., #201 West Palm Beach, FL 33409	(3) Role Subconsultant - Subsurface Utility Locates
c.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION (City and State) 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
d.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>4</div>	
21. TITLE AND LOCATION (CITY AND STATE) Miramar Historic Area Complete Streets Phase II Miramar, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2017 CONSTRUCTION (If applicable): 2019	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Mr. Salvador Zuniga, P.E. Assistant City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 602-3323 Email: sezuniga@miramarfl.gov	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> Craven Thompson was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project included surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62 nd Avenue to the west, and State Road 7 to the east. The project included six (6) streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements. Construction Cost: \$1.9 Million.			
<div> <div> <div> </div> </div> </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime – Surveying, Landscape Architecture / Complete Streets, Streetscape, Roadway Design, ADA
b.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) 8401 Lake Worth Road, Suite 221 Lake Worth, Florida 33467	(3) Role Subconsultant - Electrical Engineering & Lighting
c.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) 1860 Old Okeechobee Rd., #201 West Palm Beach, FL 33409	(3) Role Subconsultant - Subsurface Utility Locates
d.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">5</div>
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21. TITLE AND LOCATION (CITY AND STATE) Kimberly Boulevard East Complete Streets Project North Lauderdale, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES <div style="text-align: center; font-weight: bold;">2019 - 2020</div>	CONSTRUCTION (If applicable) <div style="text-align: center; font-weight: bold;">Estimated 2020</div>
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23. PROJECT OWNER'S INFORMATION
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a. PROJECT OWNER City of North Lauderdale	b. POINT OF CONTACT NAME Mr. Samuel May Public Works/Utilities Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 597-4754 Email: smay@nlauderdale.org
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4. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 The project is known as the Kimberly Boulevard Complete Streets Improvements from State Road 7 to Rock Island Road. The total length of roadway is 5,900 linear feet and consisted of four total two lanes, both two eastbound and two westbound and a landscaped median. The improvements included roadway reconstruction, milling & overlay, safety enhancements including modifying existing sidewalk access ramps for ADA compliance, the construction of a roundabout at SW 64th Terrace, the addition of traffic calming devices, curbing of identified existing medians, drainage modifications, and the reduction from two to one lane both eastbound and westbound plus the addition of bicycle lanes in each direction from SW 70th Avenue to SW 10th . The existing pavement displayed alligator cracking, block cracking, transverse cracking and rutting at many locations within the project limits. Craven Thompson along with geotechnical sub-consultant, Absolute Civil Engineering Solutions performed and evaluated cores of the existing pavement to determine the proper repair method. As a result of this, various segments were completely reconstructed while others were simply milled and overlain.
 Estimated Construction Cost: \$2,266,630.96



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime – Surveying, Civil Engineering, Drainage, Traffic Calming, Complete Streets, Landscape Architecture
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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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) Powerline Road Median Enhancements Oakland Park, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2014 - 2015 CONSTRUCTION (If applicable) 2016

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Ms. Jennifer Frastai, ICMA-CM Director Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 630-4477 Email: Jenniferf@oaklandparkfl.gov

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

Craven Thompson & Associates was retained by the City of Oakland Park to provide landscape modifications to medians on Powerline Road (State Road 845) located between Prospect Road and Commercial Blvd (within the City limits). This included tree relocation, new landscaping & irrigation while coordinating between the City and the Florida Department of Transportation (FDOT). Craven Thompson assisted the City with submitting for and obtaining the Florida Highway Beautification Council Grant which funded \$100,000 of the construction costs.

Construction Cost: \$245,000.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Streetscape, Landscape Architecture, Urban Design, Surveying, and Construction Services
b.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION (City and State) 301 S. Washington Ave., Suite F Newport, Washington 99156	(3) Role Subconsultant - Irrigation Design
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. 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
7

1. TITLE AND LOCATION (CITY AND STATE)
69th Street Greenway
Coconut Creek, Florida

22. YEAR COMPLETED
PROFESSIONAL SERVICES
2015
CONSTRUCTION (If applicable)
By Phases

23. PROJECT OWNER'S INFORMATION








a. PROJECT OWNER
City of Coconut Creek

b. POINT OF CONTACT NAME
Ms. Liz Aguiar
Principal Planner

c. POINT OF CONTACT TELEPHONE NUMBER
Phone: (954) 973-6756
Email: laquiar@coconutcreek.net

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

Craven Thompson worked with the City to develop and prepare an illustrative Design Guidelines package, complete with conceptual plans and typical sections, to give future developers an understanding of the design intent for the 69th Street Greenway. The Design Guidelines package included landscape guidelines, plans, typical sections, plant palettes, typical lighting elements, and site amenities per the City of Coconut Creek standards.



PLANT LIST


Scientific Name	Common Name	Typical Use
<i>Quercus virginiana</i>	LIVE OAK	12' Cal. 12' Cal. 12' Cal.
<i>Pinus slashii</i>	SLASH PINE	12' Cal. 12' Cal. 12' Cal.
<i>Sabal palmetto</i>	SABAL PALM	12' Cal. 12' Cal. 12' Cal.
<i>Roystonea regia</i>	KEYHOLE PALM	12' Cal. 12' Cal. 12' Cal.
<i>Chorizanthe</i>	WILD COFFEE	12' Cal. 12' Cal. 12' Cal.
<i>Adiantum</i>	GIANT SWORD FERN	12' Cal. 12' Cal. 12' Cal.
<i>Stenotaphrum secundatum</i>	SAFARI GRASS	12' Cal. 12' Cal. 12' Cal.
<i>Stenotaphrum secundatum</i>	SAFARI GRASS	12' Cal. 12' Cal. 12' Cal.

WATERING:

- IRRIGATION IS NOT REQUIRED FOR GREENWAY PLANTING, HOWEVER, HAND WATERING FOR PLANT ESTABLISHMENT IS REQUIRED. A 3 MONTH WATERING PERIOD IS REQUIRED FOR TYPICAL PLANT MATERIAL AND 6 MONTHS FOR LIVE OAKS.

- WATERING SCHEDULE IS AS FOLLOWS:
WATER EVERYDAY FOR THE FIRST TWO WEEKS, THEN EVERY OTHER DAY FOR THE FOLLOWING TWO WEEKS. FOR THE REMAINING TIME, WATERING SHALL BE DONE TWICE A WEEK.



- CONTRACTOR SHALL GUARANTEE THE INSTALLED PLANT MATERIAL FOR ONE YEAR UPON FINAL ACCEPTANCE BY THE CITY. THE CITY WILL TAKE RESPONSIBILITY AND MAINTENANCE AT THAT TIME.



PLANT PALETTE
69TH STREET GREENWAY- DESIGN GUIDELINES

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime – Urban Design, Landscape Architecture
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>8</div>	
21. TITLE AND LOCATION (CITY AND STATE) NE 38 th Street Complete Streets Project Oakland Park, Florida		22. YEAR COMPLETED <div> PROFESSIONAL SERVICES 2010 </div> <div> CONSTRUCTION (If applicable) 2015 </div>	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Ms. Jennifer Frastai, ICMA-CM Director of Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 630-4477 Email: Jenniferf@oaklandparkfl.gov	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> This project involved the provision of professional engineering services for the design and permitting of approximately 0.90 miles of complete streets improvements. The consulting services included landscape, hardscape, and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38 th Street to alternate routes between Andrews Avenue and NE 11 th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Construction Cost: \$3,247,136.00			
<div>   </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Streetscape, Landscape Architecture, Civil Engineering, Traffic, Drainage, CEI Services, LAP
b.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> 1860 Old Okeechobee Rd., #201 West Palm Beach, FL 33409	(3) Role Subconsultant - Subsurface Utility Locates
c.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION <i>(City and State)</i> 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
d.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>9</div>
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21. TITLE AND LOCATION (CITY AND STATE) Washington Road Basis of Design Review West Palm Beach, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES <div>2014</div>	CONSTRUCTION (If applicable) <div>2015</div>
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of West Palm Beach, Department of Engineering Services	b. POINT OF CONTACT NAME Ms. Laura Le, P.E Public Utilities Engineer	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (561) 494-1093 Email: lle@wpb.org
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
The Basis of Design Report (BODR) for the Washington Road (Monceaux Road to Edgewood Drive) study area provided a preliminary master plan for the construction of infrastructure improvements.

Water Distribution - Recommended improvements include replacement of all three-inch (3”) and four-inch (4”) diameter water mains and transit/asbestos cement pipe with an interconnected twelve-inch (12”) diameter water main along with the installation of fire hydrants to meet minimum spacing requirements per City Code.

Wastewater Collection - The City of West Palm Beach owns the wastewater collection system within the Washington Road right-of-way. Within the right-of-way, a majority of the existing gravity sewer mains consist of deteriorating vitrified clay pipe at substandard slopes and therefore were recommended to be replaced.

Stormwater Management - The proposed drainage system will consist of a new 36” outfall adjacent to Royal Palm Drive, curb inlets TIDEFLEX gate valve to prevent backflow, drainage pipes, storm manholes and a STORMCEPTOR structure for water quality. The proposed design will allow higher elevated sub-basins to discharge directly into the Lake Worth Lagoon and by-pass the proposed drainage system along Washington Road. The proposed by-pass will reduce the hydraulic impacts on the proposed drainage system during high tail water conditions.

Roadway - The installation of sanitary sewer, water main and storm sewer will result in extensive excavations throughout the existing right-of-way including through the existing pavement. Re-grading of roadway is warranted to improve the longitudinal profile and upgrade surface water runoff characteristics. Due to the utility excavation and the need for profile changes in the roadway, reconstruction of the roadway will be warranted.

Sidewalks - Craven Thompson recommends that the City remove and re-place all existing sidewalks within the right-of-way. Proposed sidewalks should be five-foot (5’) in width, with pedestrian access ramps, meeting Americans with Disabilities Act (ADA) standards at all roadway intersections.



Construction Cost:
\$3,146,148.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 4723 W. Atlantic Ave., Suite 12A Delray Beach, Florida 33445	(3) Role Prime – Preliminary Engineering, Basis of Design Review
b.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>10</div>
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21. TITLE AND LOCATION (CITY AND STATE) NW 10 th Avenue Roadway Improvement Project Oakland Park, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 - 2019	CONSTRUCTION (If applicable) 2020 - 2021
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23. PROJECT OWNER'S INFORMATION
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a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Mr. Christopher Lips, P.E. Assistant Public Works Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 630-4441 Email: Chrisl@oaklandparkfl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>

The scope of work includes design of 2,900 linear feet of roadway, landscaping, irrigation, photo-metrics, coordination, drainage, LAP services, etc. for the NW 10th Avenue Roadway Improvement Project from Park Lane West (NW 33rd Street) to Prospect Road, including preparation of contract documents and permitting. The roadway design with all infrastructure adjustments were based on the Conceptual Design Plans prepared by Craven Thompson and approved by the City. Generally, improvements include the addition of bike lanes, curbing, six (6) feet wide sidewalk on the west side of the roadway, landscaping and irrigation system, swale and street lighting improvements. Construction Cost: \$947,775.00.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime –Surveying, civil engineering, & permitting.
b.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION (City and State) 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION (City and State) 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>11</div>
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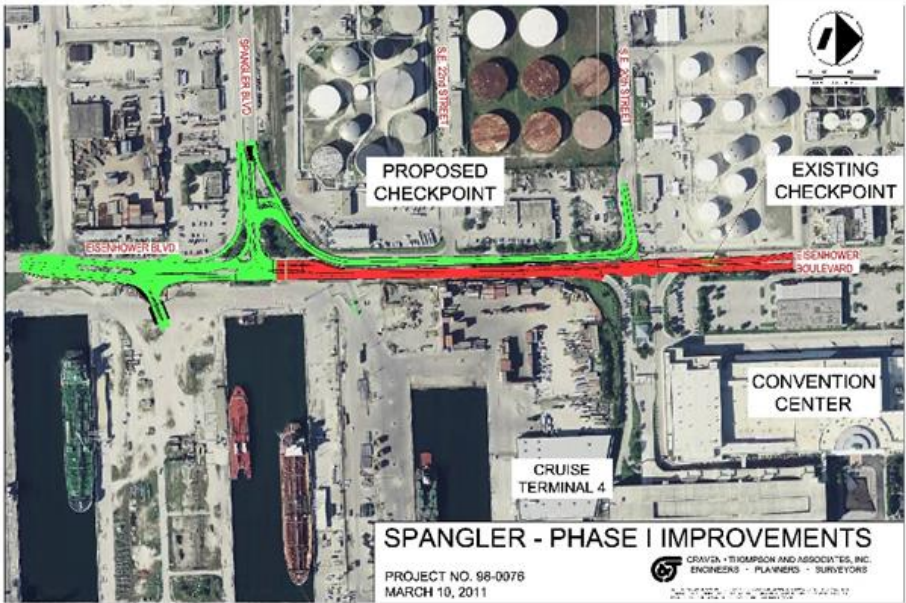
21. TITLE AND LOCATION (CITY AND STATE) Spangler Boulevard Improvements Port Everglades, Broward County, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES <div>2011</div>	CONSTRUCTION (If applicable) <div>2015</div>
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County – Port Everglades	b. POINT OF CONTACT NAME Mr. John Foglesong, P.E., Director, Port Everglades Authority	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 523-3404 Email: jfoglesong@broward.org
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Craven Thompson provided Civil Engineering, Project Management, Design, Permitting, and CEI services for Spangler Boulevard Improvements. This project involved reconstructing the existing 4-lane divided urban collector into two 2-lane roadways with a security barrier between the parallel pairs to provide a secured roadway inside the Port Everglades operational areas and an unsecured roadway for access to the Greater Fort Lauderdale - Broward County Convention Center. The project originally included an extensive traffic impact study and evaluation of alternative by-pass corridors, but was expanded to include design of new security checkpoints, street lighting, traffic signal modifications, the relocation of a dynamic message sign, landscape improvements, a sallyport vehicular barrier, and a security screen on the south and east faces of the multi-level parking garage adjacent to the convention center. Construction Cost - \$13 Million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 4723 W. Atlantic Ave., Suite 12A Delray Beach, Florida 33445	(3) Role Prime - Surveying, Civil Engineering, CEI/Construction Management & Inspection Services
b.	(1) FIRM NAME Traf Tech Engineering	(2) FIRM LOCATION <i>(City and State)</i> 8400 N. University Drive, Suite 309 Tamarac, Florida 33321	(3) Role Subconsultant - Traffic Engineering
c.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION <i>(City and State)</i> 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
d.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 12
1. TITLE AND LOCATION (CITY AND STATE) Citywide Median Landscape Beautification Conceptual Design, Lauderdale, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 - 2019 CONSTRUCTION (If applicable) Not Applicable
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Lauderdale	b. POINT OF CONTACT NAME Mr. Charles Faranda City Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 730-3002 Email: citymanager@lauderdale-fl.gov

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

The goal of the project was to obtain a consistent enhancement theme reflecting the design aesthetic of the City of Lauderdale. This included conceptual design only. The project limits include the medians located within the City right-of-way for the street sections listed below:

- NW 44th St. from University to Inverrary Blvd. west
- NW 19th St. and intersection with NW 55th Ave.
- NW 55th Ave. from NW 15th St. to NW 16th Ct.
- NW 16th St. from NW 55th Ave. to NW 54th Terr.
- NW 12th St. from NW 42nd Way to SR7/441
- NW 16th St. from NW 46th Terr. to NW 38th Ave.
- NW 26th St. from NW 41st Ave. to SR7/441



- NW 38th Ave. from NW 19th St. to NW 18 Ct.
- NW 38th Ave. from NW 38th Way to NW 5th Ct.
- NW 36th Ave. from W Broward Blvd. to NW 1st Ct.
- NW 33rd Ave. from W Broward Blvd. to NW 4th St.

Construction Cost: Dependent on Final Design.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Design Guidelines, Design Concepts, Planting Plans
b.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION (City and State) 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) Role



<p align="center">F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</p> <p align="center"><i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i></p>	<p>20. EXAMPLE PROJECT KEY NUMBER</p> <p align="center" style="font-size: 1.2em;">13</p>
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Traffic Calming Features at the Intersections of NW 123 rd Street & NW 1 st Court, NW 123 rd Street & NW Miami Court, NW 139 th Terrace & NW 5 th Court, North Miami	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2015	2016

23. PROJECT OWNER'S INFORMATION
--

a. PROJECT OWNER City of North Miami	b. POINT OF CONTACT NAME Mr. John O'Brien Transportation Manager	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (305) 895-9883 Email: jobrien@northmiamifl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The project involved the development of designs for traffic calming features along NW 123rd Street and NW 1st Court, NW 123rd Street and NW Miami Court, and 139th Street and NW 5th Court in the City of North Miami. These intersections had large of expanses of pavement without traffic control and therefore required the implementation of traffic calming features. Craven Thompson design elevated intersections, removed pavement and introduced curbing to reduce speeds.



Estimated Construction Cost:

NW 123rd Street & NW 1st Court: \$38,246.00

NW 123rd Street & NW Miami Court: \$39,257.00

NW 139th Terrace & NW 5th Court: \$61,824.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Civil Engineering & Surveying
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 14
21. TITLE AND LOCATION (CITY AND STATE) Country Club Drive Milling & Resurfacing Project Aventura, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION		
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a. PROJECT OWNER City of Aventura	b. POINT OF CONTACT NAME Mr. Joseph S. Kroll, P.E., Director of Public Works & Transportation	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (305) 466-8970 Email: jkroll@cityofaventura.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The project included the complete milling and resurfacing of the outside half of right-of-way of Country Club Drive, including milling, asphalt paving, curbing, sidewalk repairs, re-setting brick pavers, handicap ramps, adjusting utilities, pavement markings, grading and restoration. Construction Cost: \$661,533.24



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
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a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Roadway Design, Landscape, Permitting, Bidding & Construction Services
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

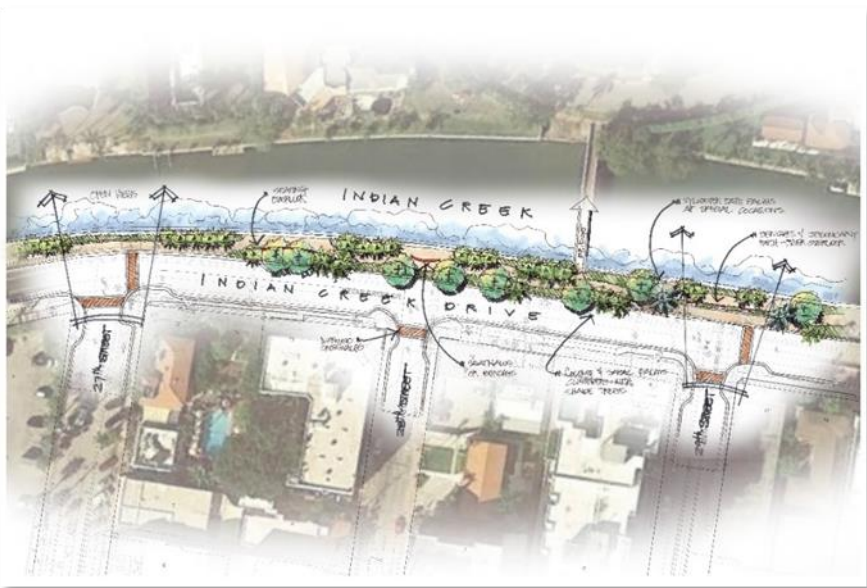


F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 15
21. TITLE AND LOCATION (CITY AND STATE) Indian Creek Drive Greenway Project Miami Beach, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2018 - 2019 CONSTRUCTION (If applicable): 2020
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Mr. Rodney Knowles Greenspace Division Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (305) 673-7080 Email: Rodneyknowles@miamibeachfl.gov

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

The primary goal of the Indian Creek Drive Greenway Project was to design a greenway master plan concept that improves the landscape aesthetics and pedestrian experience along the Indian Creek Waterway. The project included the restoration and enhancement of the landscape buffer with the introduction of a diverse, low-maintenance, tropical, Florida Friendly, naturalized, and native plant pallet that encourages the return of the area’s natural fauna, and promotes the ecology of the waterway for the benefit of the general public.

We included a continuous pedestrian connection from the 41st Street bridge southward to the 29th Street pedestrian bridge and onward to form a connection at 25th Street and Collins Avenue. The plan restores vegetation to buffer noise and light pollution and to increase privacy for the residents of the Flamingo Drive Neighborhood. The landscape design also maximized the views to the creek along its entire length while considering Crime Prevention Through Environmental Design (CPTED) principles for pedestrian safety.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309
b.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION (City and State) 8401 Lake Worth Road, Suite 221 Lake Worth, Florida 33467
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) Role



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>16</div>
21. TITLE AND LOCATION (CITY AND STATE) McIntosh Road Improvements Port Everglades, Broward County, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2011 CONSTRUCTION (If applicable): 2014

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County – Port Everglades	b. POINT OF CONTACT NAME Mr. John Foglesong, P.E., Director, Port Everglades Authority	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 523-3404 Email: jfoglesong@broward.org


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

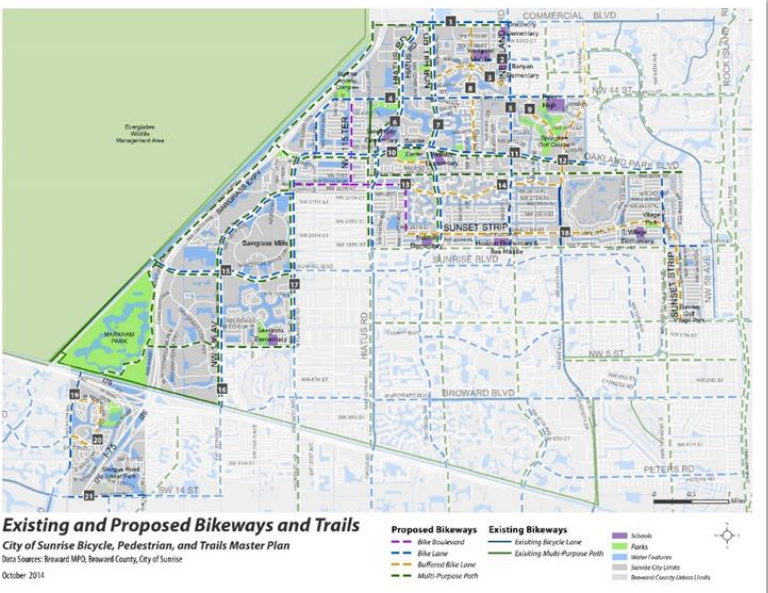
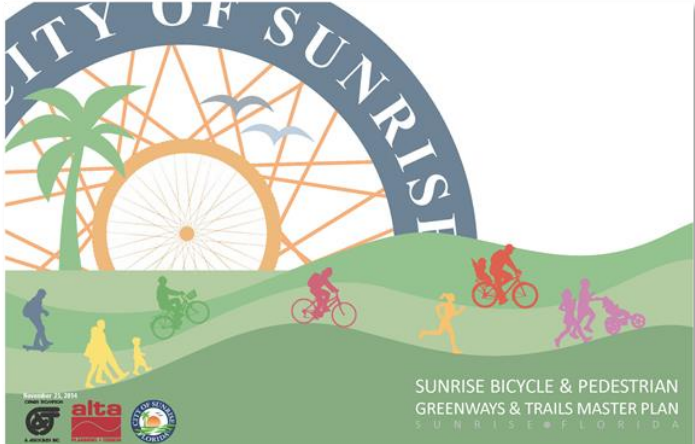
Tasks included traffic and road realignment studies, surveying, transportation and geotechnical engineering, and Resident Project Representative services related to the expansion of the McIntosh Road corridor from an existing 4-lane divided urban collector to 6-8 lane divided urban collector with dedicated storage lanes for each container yard. The project included evaluating several alignment options to decrease delay and travel times, vehicle emissions and total fuel consumption. Craven Thompson designed enhanced driveway connections to each container yard with overhead illuminated way-finding signs to guide truck traffic along the dedicated storage lanes thereby freeing up the through lanes. The engineering services include storm water management design and permitting and an evaluation of alternative methods for accommodating new roadway construction over organic materials. The scope was expanded to include advanced Signage and CEI services.

Construction Cost: \$7 Million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Surveying, Civil Engineering, CEI/Construction Management & Inspection Services
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 17	
21. TITLE AND LOCATION (CITY AND STATE) Miramar Parkway & Miramar Boulevard Median Enhancements, Miramar, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2017 CONSTRUCTION (If applicable): 2019	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Mr. Salvador Zuniga, P.E. Assistant City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 602-3323 Email: sezuniga@miramarfl.gov	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project included landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lacked aesthetic appeal and require various beautification enhancements. This was Phase I of a multi-phased project. The project required permitting through the City and Broward County Construction and Highway Engineering Department. Craven Thompson & Associates provided Surveying and Landscape Architectural services.</p> <div>   </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architecture and Median Enhancements
b.	(1) FIRM NAME Masuen Consulting	(2) FIRM LOCATION <i>(City and State)</i> 301 S. Washington Ave., Suite F Newport, WA 99156	(3) Role Subconsultant - Irrigation Design
c.	(1) FIRM NAME Tierra South Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 2765 Vista Parkway, Suite 10 West Palm Beach, Florida 33411	(3) Role Subconsultant - Geotechnical Engineering & Testing
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 18
21. TITLE AND LOCATION (CITY AND STATE)		22. YEAR COMPLETED	
Bicycle/Pedestrian Greenways & Trails Master Plan Sunrise, Florida		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Sunrise	b. POINT OF CONTACT NAME Ms. Rosemarie Marco Leisure Services Director	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 747-4600 Email: marco@sunrisefl.gov	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>Craven Thompson & Associates, Inc. along with Alta Planning + Design were hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city. The Plan is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government. The team created a series of templates that incorporated National trail and bike lane standards, signage, and new safety measures that could be used as the building blocks to implement a cohesive plan throughout the City.</p>			
			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime – Transportation Planning, Landscape Architecture
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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 19
21. TITLE AND LOCATION (CITY AND STATE) City of Coconut Creek Landscape Plan Review Services Coconut Creek, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2012 - Present CONSTRUCTION (If applicable) Not Applicable	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Coconut Creek Dept. of Sustainable Development	b. POINT OF CONTACT NAME Ms. Sheila Rose Director of Sustainable Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 973-6730 Email: srose@coconutcreek.net

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

For the City of Coconut Creek, Craven Thompson & Associates, Inc. provides landscape consulting services in regards to Landscape plan reviews. The services provided include full DRC reviews, Administrative Approval reviews, Tree Removal/ Relocation reviews, and other additional landscape matters as they pertain to City landscape codes.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION (City and State) 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architectural Plan Review Services
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



F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div>20</div>
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21. TITLE AND LOCATION (CITY AND STATE)	22. YEAR COMPLETED	
Oakland Park Boulevard Median Beautification Oakland Park, Florida	PROFESSIONAL SERVICES <div>2016</div>	CONSTRUCTION (If applicable) <div>2017</div>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Ms. Jennifer Frastai, ICMA-CM Director of Engineering & Community Development	c. POINT OF CONTACT TELEPHONE NUMBER Phone: (954) 630-4477 Email: Jenniferf@oaklandparkfl.gov
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Craven Thompson & Associates was retained by the City of Oakland Park to enhance the aesthetic appeal of Oakland Park Boulevard (State Road 816) from NW 31st Avenue to I-95 (within the City limits) through landscaping improvements in the median of the multi-lane state highway. These improvements required review and approval from both the City and the Florida Department of Transportation (FDOT).



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Craven Thompson & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 3563 NW 53 rd Street Fort Lauderdale, Florida 33309	(3) Role Prime - Landscape Architecture, Urban Design
b.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION <i>(City and State)</i> 301 S. Washington Ave., Suite F Newport, Washington 99156	(3) Role Subconsultant - Irrigation Design
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



G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS																					
26. NAMES OF KEY PERSONNEL (From Section E, Block 12)		27. ROLE IN THIS CONTRACT (From Section E, Block 13)		28. EXAMPLE PROJECTS LISTED IN (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Joseph D. Handley, R.L.A.	Principal-in-Charge/Project Manager			X	X				X			X	X			X	X	X	X		
Scott W. Peaver, R.L.A.	Landscape Architect	X	X	X	X		X	X	X	X	X	X				X		X	X	X	X
Justin Rietema, R.L.A.	Landscape Architect												X								
Patrick J. Gibney, P.E.	Lead Civil Engineer		X	X					X	X	X	X		X							
Matthew J. Cigale, P.E.	Civil Engineer		X							X		X					X				
Douglas R. Taylor, P.E.	Civil Engineer	X			X	X			X	X		X		X							
Donald A. Shaver	Construction Admin./Management	X	X	X	X				X			X			X		X				
Richard D. Pryce, P.S.M.	Lead Surveyor		X	X	X				X	X		X		X	X		X		X		
Raymond Young, P.S.M.	Surveyor	X	X	X	X	X			X			X		X	X						
Subconsultants																					
Electrical Design Associates	Lighting and Electrical Engineering				X											X					
InfraMap Corp.	Subsurface Utilities Locates	X	X	X	X				X												
Masuen Consulting	Irrigation Design		X	X			X		X		X	X	X					X			X
Tierra South Florida	Geotechnical Engineering and Testing	X	X	X	X				X	X	X	X					X				
Traf Tech Engineering	Traffic Engineering											X									

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	SW 36 th Street Improvements Davie, Florida	11	Spangler Boulevard Improvements Port Everglades, Broward County, Florida
2	NE 14 th Avenue Streetscape Improvements Hallandale Beach, Florida	12	Citywide Median Landscape Beautification Conceptual Design Lauderhill, Florida
3	NE 34 th Court Complete Streets Project Oakland Park, Florida	13	Traffic Calming Features at the Intersections of NW 123 rd Street & NW 1 st Court, NW 123 rd , NW 123 rd Street & NW Miami Court, NW 139 th Terrace & NW 5 th Court, North Miami
4	Miramar Historic Area Complete Streets Phase II Miramar, Florida	14	Country Club Drive Milling & Resurfacing Project Aventura, Florida
5	Kimberly Boulevard East Complete Streets Project North Lauderdale, Florida	15	Indian Creek Drive Landscape Project Miami Beach, Florida
6	Powerline Road Median Enhancements Oakland Park, Florida	16	McIntosh Road Improvements Port Everglades, Broward County, Florida
7	69 th Street Greenway Coconut Creek, Florida	17	Miramar Parkway & Miramar Boulevard Median Enhancements, Miramar, Florida
8	NE 38 th Street Complete Streets Project Oakland Park, Florida	18	Bicycle/Pedestrian Greenways & Trails Master Plan Sunrise, Florida
9	Washington Road Basis of Design Review West Palm Beach, Florida	19	City of Coconut Creek Landscape Plan Review Services Coconut Creek, Florida
10	NW 10 th Avenue Roadway Improvement Project Oakland Park, Florida	20	Oakland Park Boulevard Median Beautification Oakland Park, Florida



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Craven Thompson landscape architecture projects that involve extensive coordination with stakeholders, CRA staff, Board Members, and grant funding agencies to bring about a project's success. There are many components within the project requiring coordination and community / stakeholder input that must be carefully coordinated and programmed into the design and project schedule to meet expectations. In addition, we design the streetscape elements in harmony with the existing neighborhood architecture and accentuate the positive themes of the area.

Craven Thompson's Hollywood Boulevard streetscape design will be prepared with the following goals in mind: strengthen and enhance the downtown pedestrian environment; beautify Hollywood Boulevard in order to improve the overall visual "image" of the area; enhance the motorist's "sense of arrival" into downtown Hollywood; and enhance the unique "sense of place" and identity for the downtown. We will strive to create an aesthetically pleasing, safe, comfortable, inviting environment, both in the street right-of-way and in adjacent public spaces, that is framed by the buildings and landscapes that front Hollywood Boulevard. Our overall design approach will focus on strengthening pedestrian connections, enhancing the downtown and creating a safer environment through careful coordination of materials, plantings and amenities.

Craven Thompson presents many distinct and unique advantages which will assure timely and cost-effective completion of projects. These advantages include the following:

- An experienced team: Craven Thompson staff has extensive experience with various types of streetscape, traffic calming, and complete streets projects.
- Full-service firm: Craven Thompson can provide all of the landscape architecture, planning civil engineering, GIS and construction support services needed in-house.
- Project management: Organization lines and responsibilities are clearly defined for each project, ensuring that the best qualified individual is matched to a particular assignment.
- Familiarity with South Florida agencies and streetscape/landscape architectural practices.
- Continuity: The resources and staff available at Craven Thompson ensure responsive service and continuity throughout all phases of projects.

I. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts

31. SIGNATURE

32. DATE

October 28, 2020

33. NAME AND TITLE

Joseph D. Handley, R.L.A., Vice President, Planning & Landscape Architecture



1. SOLICITATION NUMBER (If any)
DCRA 20-027

PART II - GENERAL QUALIFICATIONS


(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Craven, Thompson & Associates, Inc.			3. YEAR ESTABLISHED 1962	4. DUNS NUMBER 06-362-4910
2b. STREET 3563 NW 53 rd Street			5. OWNERSHIP	
2c. CITY Fort Lauderdale	2d. STATE Florida	2e. ZIP CODE 33309	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Joseph D. Handley, R.L.A., Vice President, Planning & Landscape Architecture			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (954) 739-6400	6c. E-MAIL ADDRESS jhandley@craventhompson.com		7. NAME OF FIRM (If block 2a is a branch office) Same	

8a. FORMER FIRM NAME(S) (If any)	8b. YR. ESTABLISHED	8c. DUNS NUMBER
Davis & Craven, Inc. / Davis, Craven, Thompson, Inc.	1962 / 1975	

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)	a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH						
02	Administrative	9		A06	Airports; Term. & Hangars	1	O01	Office Bldgs.; Industrial Parks	1
08	AutoCAD Technicians	2		B02	Bridges	1	P05	Planning (Comm., Regional)	1
12	Civil Engineers	25	4	C10	Commercial Bldg.; Shopping	4	P08	Prisons & Correctional	1
15	Construction Inspectors	6		C11	Community Facilities	1	P13	Public Safety Facilities	1
16	Const. Management	2		D07	Dining Halls; Clubs; Rest.	1	R03	Railroad; Rapid Transit	1
38	Land Surveyor	21		E02	Educational Facilities	3	R04	Rec. Fac. (Parks, Marinas)	5
39	Landscape Architect	5		E09	Environmental Impact Studies	1	R11	Rivers; Canals; Waterways	1
47	Planners; Urban/Regional	1		F02	Field Houses; Gyms; Stadiums	1	S04	Sewage Collection, Treatment	4
				G01	Garages; Vehicle Maint. Fac.	2	S07	Solid Wastes; Incin.; Landfill	2
				G04	Geographic Info. System	2	S13	Storm Water Handling & Fac.	5
				H01	Harbors; Ship Terminal Fac.	3	T03	Traffic & Trans. Engineer	1
				H07	Hwys.; Streets; Parking Lots	4	T04	Topo. Survey & Mapping	1
				H09	Hospital & Medical Facilities	1	U02	Urban Renewals; Comm. Dev.	4
				H10	Hotels; Motels	2	W01	Warehouses & Depots	1
				H11	Housing (Residential, M-F)	4	W02	Water Resources; Hydrology	1
				I01	Industrial Buildings	2	W03	Water Supply; Treatment	5
				J01	Judicial & Courtroom Fac.	1			
				L04	Libraries; Museums; Galleries	1			
	Other Employees								
	Total	71	4						

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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE October 28, 2020

c. NAME AND TITLE
Joseph D. Handley, R.L.A., Vice President, Planning & Landscape Architecture

ARCHITECT - ENGINEER QUALIFICATIONS

PART 1 - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Hollywood Boulevard Streetscape (Hollywood, FL)

2. PUBLIC NOTICE DATE

September 29, 2020

3. SOLICITATION OR PROJECT NUMBER

DCRA 20-027

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Lillian Reyes, P.E., President

5. NAME OF FIRM

Electrical Design Associates, Inc.

6. TELEPHONE NUMBER

561-819-5556

7. FAX NUMBER

561-819-5557

8. E-MAIL ADDRESS

lreyes@goeda.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.			<input checked="" type="checkbox"/>	Electrical Design Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	8401 Lake Worth Road, Suite 221 Lake Worth Beach, FL	Electrical Engineer
b.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
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)

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 31	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION <i>(City and State)</i> Electrical Design Associates, Inc. (Lake Worth Beach, FL)			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelors of Science in Electrical Engineering Florida Atlantic University / 1988		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL Professional Engineer # 50780	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Engineering Society (FES), Illuminating Engineering Society (IES), & National Fire Protection Association (NFPA).			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	SW 4th Street, SW 6th Street, SW 7th Avenue and SW 3rd Court Neighborhood Improvements, Delray Beach, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i> 2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical design services for the referenced project. Our scope of work included a preliminary design report, photometric evaluations for SW 7th Avenue, SW 4th Street, SW 6th Street and SW 3rd Court, and electrical design for the lighting along each roadway. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Sandalford Blvd Street Lighting Project Palm Beach County, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. EDA verified existing conditions along Sandalford Blvd originating at State Road 7 extending west to Tradewind Road, an approximate length of 1.03 miles. The existing roadway is a two-lane roadway with an overhead distribution line along the south side from St Rd & to the PBC Lift Station where the overhead line shifts to the north side of the road. EDA prepared a photometric plan utilizing cut-off type luminaires in accordance with FDOT lighting criteria and standards to determine a suitable design. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Gun Club Road Street Lighting Palm Beach County, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. Our scope included verifying conditions along Gun Club Road originating at Bosque Blvd extending east to Military Trail, an approximate length of .75 miles. Subsequently, EDA prepared a photometric evaluation based on pole locations, HPS type lights and LED type lights. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Okeechobee Blvd Lighting Royal Palm Beach, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. EDA prepared a photometric plan utilizing cut-off type luminaires in accordance with FDOT lighting criteria and standards to determine a suitable design. We coordinated with FPL as to the feasibility of utilizing the existing poles and the use of the standard FPL equipment including but not limited to luminaire type, wattage and bracket size. EDA prepared electrical design documents based on the preliminary photometric evaluation and Village comments. Electrical design included all necessary service point locations, single line diagrams, voltage drop calculations and load tabulations. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Rutland Blvd. Lighting Improvements West Palm Beach, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. EDA provided photometric evaluation for the roadway lighting along Rutland Blvd originating at Olive Avenue and extending east, an approximate length of 1600 LF. The photometric evaluation was completed based on the City standard Lumec type fixture model S55-40W-LED. EDA reviewed and revised the electrical design associated with the roadway lighting along Rutland Blvd and performed general services during construction. <input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Dameion Donaldson	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION <i>(City and State)</i> Electrical Design Associates, Inc. (Lake Worth Beach, FL)			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelors of Science in Electrical Engineering Florida International University / 2003		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Engineer #70851	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Engineering Society (FES), Illuminating Engineering Society (IES)			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Miramar Complete Streets Miramar, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide a photometric evaluation and electrical design associated with the proposed pedestrian lighting, which was completed in accordance with the City ordinances, IES recommendations and the NEC. The design was based on Owner selected pedestrian type lighting.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Boynton Beach Boulevard Street Lighting Palm Beach County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. Our scope included verifying conditions along Boynton Beach Boulevard originating at Hagen Ranch Road extending east to Jog Road, an approximate length of one-mile. Subsequently, EDA prepared a photometric evaluation based on pole locations, HPS type lights and LED type lights.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Croc Parking Lot Expansion Palm Beach County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. EDA provided photometric evaluation and electrical design associated with the proposed parking lot expansion in accordance with PBC Ordinances and IES Standards. The pole mounted assembly consisted of an 80C Type III LED fixture at a mounting height of 20' above finished grade. Evaluation was based on the D-Series LED Luminaire as manufactured by Lithonia Lighting. EDA performed a light level test following the installation of the pole mounted lighting assemblies.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> NE 1st Avenue Lighting Improvements Delray Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. Our scope of work included a 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.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hypoluxo Road Street Lighting Palm Beach County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. Our scope included verifying conditions along Hypoluxo Road originating at the E-3 canal extending east to Military Trail, an approximate length of one-mile. Subsequently, EDA prepared a photometric evaluation based on pole locations, HPS type lights and LED type lights.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> SW 4th Street, SW 6th Street, SW 7th Avenue and SW 3rd Court Neighborhood Improvements (Delray 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>2021</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2019	2021
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2019	2021					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Delray Beach	b. POINT OF CONTACT NAME Environmental Services Department	c. POINT OF CONTACT TELEPHONE NUMBER (561) 243-7322				

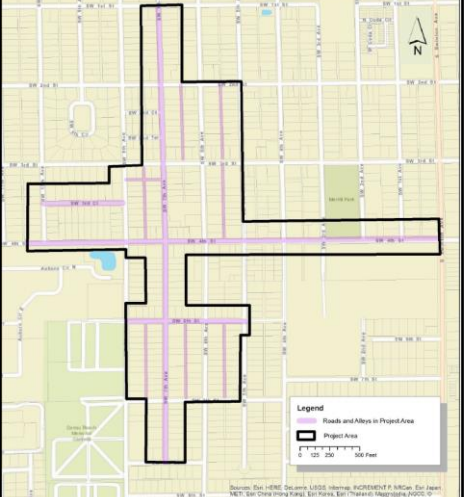

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 Electrical Design Associates, Inc. (EDA) was contracted to provide electrical design services for the referenced project. Our scope of work was as follows:

Task 1 - Preliminary Design Report
 EDA prepared a preliminary design report outlining the existing conditions, FPL availability and proposed street lighting data sheets in accordance with the City of Delray Street Lighting Standards.

- Task 2 - Photometric Evaluation**
- Photometric evaluation for the roadway lighting along SW 7th Avenue originating at SW 1st Street and extending to SW 8th Court, an approximate length of 3800 LF.
 - Photometric evaluation for the roadway lighting along SW 4th Street originating at SW 10th Avenue and extending to Swinton Avenue, an approximate length of 3400 LF.
 - Photometric evaluation for the roadway lighting along SW 6th Street originating at SW 8th Avenue and extending to SW 5th Avenue, an approximate length of 1000 LF.
 - Photometric evaluation for the roadway lighting along SW 3rd Ct originating at SW 10th Avenue and extending to SW 8th Avenue, an approximate length of 700 LF.

Task 3 - Electrical Design

- Electrical Design Associated with the roadway lighting along SW 7th Avenue originating at SW 1st Street and extending to SW 8th Court, an approximate length of 3800 LF.
- Electrical Design Associated with the roadway lighting along SW 4th Street originating at SW 10th Avenue and extending to Swinton Avenue, an approximate length of 3400 LF.
- Electrical Design Associated with the roadway lighting along SW 6th Street originating at SW 8th Avenue and extending to SW 5th Avenue, an approximate length of 1000 LF.
- Electrical Design Associated with the roadway lighting along SW 3rd Ct originating at SW 10th Avenue and extending to SW 8th Avenue, an approximate length of 700 LF.

Project Location Map

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 Beach, 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

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> Okeechobee Blvd Lighting Royal Palm Beach, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2018</td> <td>2019</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2018	2019
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2018	2019					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Village of Royal Palm Beach	b. POINT OF CONTACT NAME Timothy Tack	c. POINT OF CONTACT TELEPHONE NUMBER (561) 791-7092				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> Electrical Design Associates, Inc. (EDA) was contracted to provide electrical design and general services during construction for the referenced project. Our scope of work was as follows:						

Task 1- Photometric Evaluation

- EDA prepared a base file to be used as a base file for the photometric evaluation. EDA investigated the use of LED type fixtures in addition to HID fixtures and make a recommendation to the Village. The file was based on raster files (aerials) as provided by the Village.
- EDA prepared a photometric plan utilizing cut-off type luminaires in accordance with FDOT lighting criteria and standards to determine a suitable design that includes criteria for:
 - Mounting Height
 - Fixture Placement
 - Bracket Arm Length in conjunction with location of the poles
 - Light Fixture equipment, wattage, cut-off features, IES curves, etc.
 - Light Pole Spacing
 - Lighting Criteria including Initial Illumination and Uniformity Ratios
- EDA coordinated with FPL as to the feasibility of utilizing the existing poles and the use of the standard FPL equipment including but not limited to luminaire type, wattage and bracket size.

Task 2 - Construction Documents

EDA prepared construction documents based on the preliminary photometric evaluation and Village comments. Electrical design included all necessary service point locations, single line diagrams, voltage drop calculations and load tabulations.

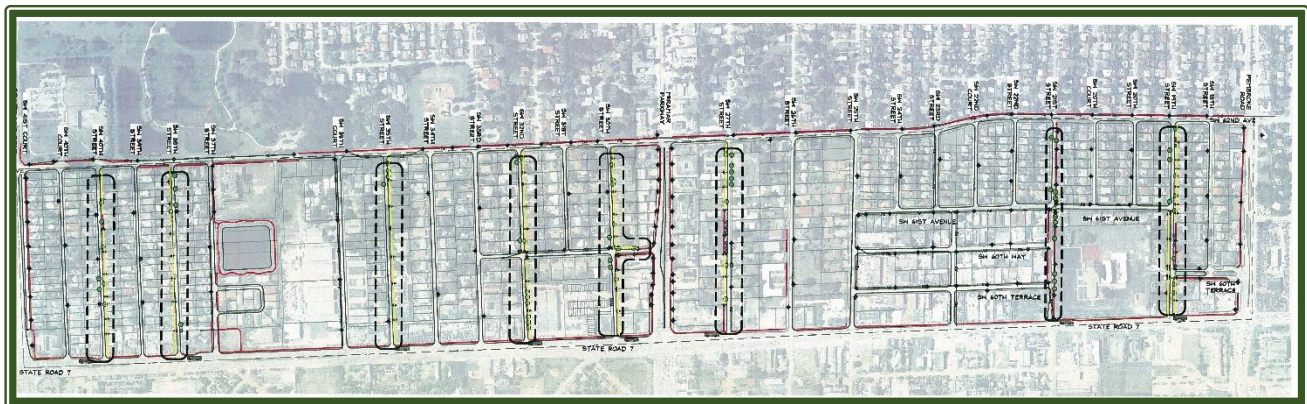


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Electrical Design Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Lake Worth Beach, FL	(3) ROLE Electrical Engineer
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION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

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> Miramar Complete Streets Miramar, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td>2017</td> <td>2019</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2017	2019
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>					
2017	2019					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME Bissy Vempala, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 954-602-3320				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>						

Electrical Design Associates, Inc. (EDA) was contracted to provide electrical engineering services for the referenced project. Our scope of work was as follows:

1. Photometric evaluation and electrical design associated with the proposed pedestrian lighting; completed in accordance with the City ordinances, IES recommendations and the NEC. The evaluation was based on Owner selected pedestrian type lighting.
 - a. SW 19th Street – an approximate length of 1350 LF.
 - b. SW 21st Street – an approximate length of 1350 LF.
 - c. SW 27th Street – an approximate length of 1350 LF.
 - d. SW 30th Street – an approximate length of 1350 LF.
 - e. SW 32nd Street – an approximate length of 1350 LF.
 - f. SW 35th Street – an approximate length of 1350 LF.
 - g. SW 37th Street – an approximate length of 1350 LF.
 - h. SW 39th Street – an approximate length of 1350 LF.



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 Beach, 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

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

COMPANY PROFILE

In September of 1998, Electrical Design Associates, Inc. was formed. We are a Certified Minority/ Women Business Enterprise with offices in Palm Beach, Hillsborough and Orange Counties. We specialize in providing electrical, instrumentation and SCADA system design to the public and private sectors with preferential services for municipal and governmental clients.

Our staff's electrical experience includes electrical and instrumentation system designs for industrial plants, specifically Water and Wastewater Treatment Facilities located throughout the state of Florida. Our electrical distribution system experience covers the full range up to 4,160 volt distribution systems as well as standby generator systems. Our instrumentation systems design experience includes SCADA and PC based systems, as well as numerous traditional plant monitoring and control panel designs. Our design experience encompasses computer/PLC controlled systems utilizing SCADA based systems for interfacing to remote locations, as well as hard wired relay controlled custom solutions.

Our staff's electrical experience includes multiple roadway lighting, sportfield/park lighting, and pedestrian/landscape lighting design improvements throughout the State of Florida for several municipalities including but not limited to the City of Delray Beach, Aventura, Lake Mary, North Miami Beach, Daytona Beach, Palm Beach County, the City of Miramar, Fort Lauderdale, the Town of Davie, Village of Wellington, Miami Beach, FDOT, Florida Atlantic University as well as the City of Pompano Beach.


We take pride in the fact that while we are a small sized firm, we utilize state of the art computerization to accomplish our design projects and project management. The use of CADD systems provides us with the 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, the company has complex project designs reviewed by independent companies. We interface with designers from complimentary disciplines during the design process to review design principles and to assist in the preparation of design drawings and specifications for specific project needs.

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

October 16, 2020

33. NAME AND TITLE

Lillian Reyes, P.E., President

ARCHITECT-ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER <i>(If any)</i> DCRA 20-027	
PART II - GENERAL QUALIFICATIONS					
(If a firm has branch offices, complete for each specific branch office seeking work.)					
2a. FIRM (OR BRANCH OFFICE) NAME Electrical Design Associates, Inc.				3. YEAR ESTABLISHED 1998	4. DUNS NUMBER
2b. STREET 8401 Lake Worth Road, Suite 221				5. OWNERSHIP	
2c. CITY Lake Worth Beach		2d. STATE FL	2e. ZIP 33467	a. TYPE S-Corporation	
6a. POINT OF CONTACT NAME AND TITLE Lillian Reyes, P.E. / President				b. SMALL BUSINESS STATUS WMBE	
6b. TELEPHONE NUMBER 561-819-5556		6c. E-MAIL ADDRESS lreyes@goedac.com		7. NAME OF FIRM <i>(If block 2a is a branch office)</i>	
8a. FORMER FIRM NAME(S)				8b. YR. ESTABLISHED	8c. DUNS NUMBER

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 <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
08	CADD Technician	3	1	C11	Community Facilities	1
21	Electrical Engineer	5	2	H07	Highways; Streets; Airfield Paving; Pkg Lots	2
58	Technician/Analyst	3	1	W03	Water Supply, Treatment and Distribution	4
16	Field Supervisor	1	0	L06	Lighting (Exteriors; Streets; Memorials; etc.)	2
02	Administrative	1	1	P12	Power Generation, Transmission, Distribution	4
Total		13	5			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	0	1. Less than \$100,000.	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total	5	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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE October 16, 2020
c. NAME AND TITLE Lillian Reyes, P.E., President	

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> Request for Qualifications to Provide Design Services to the Hollywood CRA for Hollywood Boulevard Streetscape, Hollywood, Florida	
2. PUBLIC NOTICE DATE September 29, 2020	3. SOLICITATION OR PROJECT NUMBER DCRA 20-027

B. ARCHITECT-ENGINEER POINT OF CONTACT

3. NAME AND TITLE Andres Garcia, Senior Utility Location Manager		
4. NAME OF FIRM InfraMap Corp.		
5. TELEPHONE NUMBER 561-586-0790	6. FAX NUMBER 561-586-1171	7. E-MAIL ADDRESS agarcia@inframap.net

C. PROPOSED TEAM

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

<i>(Check)</i>				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a			X	InfraMap Corporation <input type="checkbox"/> CHECK IF BRANCH OFFICE	1860 Old Okeechobee Rd., Unit 201, West Palm Beach, FL 33409	Subsurface Utility Engineering Consultant
b				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☐ *(Attached)*

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Andres Garcia, SULM	13. ROLE IN THIS CONTRACT Senior Utility Location Manager – SUR Field Supervisor	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION (City and State)

InfraMap Corp., West Palm Beach, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

Palm Beach State College

InfraMap Training Program for Utility Locating & Designating
Certification/Instructor

ATSSA, Traffic Control Supervisor Certification, August 2000

Confined Space Entry Training Program Certification (OSHA
1910.146)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Garcia has performed utility locating assignments for InfraMap Corp in Florida, Virginia, Maryland, Georgia and Alabama since 1998. He currently is a Senior Utility Location Manager and is proficient with utility designating, performing test holes and utility CADD. Mr. Garcia's responsibilities include utility designation and test hole project management, attending utility scoping meetings, obtaining permits, records research, traffic control supervision, field data collection, quality control of the field work and FDOT Standards Compliance for each delivered submittal. Mr. Garcia has excelled as a survey party chief with experience in Total Station survey and data collector knowledge (electronic field book, TDS functions, and three wire bench runs and GPS/RTK on several designating and utility locating projects). His assistance in the survey EFB data collection compliance further adds to InfraMap's knowledge and experience. His role as Senior Utility Location Manager is obtaining utility records and ROW permits, QA/QC, supervisory of field crews, meeting with utility company personnel and Maintenance of Traffic (MOT) set up.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a	FDOT District 4 - District-Wide Utility Locating Services Contract # C-9161	Through 2018	
		(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE X Check if project performed with current firm Mr. Garcia served as InfraMap's Utility Location Manager on projects under the FDOT District 4 Contract. InfraMap has provided utility designating, air/vacuum test holes, survey and EFB/CAiCE/MicroStation CADD on highway projects in District 4 in support of the District's pre-design program through private consultants and in-house design program. InfraMap has had district-wide utility locating contracts since 1996.	
b	FDOT District 6 District-Wide Utility Locating Services Contract # C-9C12	Through 2018	
		(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE X Check if project performed with current firm Mr. Garcia served as InfraMap's Utility Location Manager on projects under the FDOT District 6 Contract. InfraMap has provided utility designating, air/vacuum test holes, survey and EFB/CAiCE/MicroStation CADD on highway projects in District 6 in support of the District's pre-design program through private consultants and in-house design program. InfraMap has had district-wide utility locating contracts since 1997.	
c	SR A1A, FDOT #438042-1-52-01 Vero Beach, Florida	2019	
		(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE X Check if project performed with current firm Mr. Garcia served as SUR Field Supervisor on this project. InfraMap provided the client with up to 49 Air/Vacuum Test Holes, completed Survey and delivered the final product to the client in MicroStation CADD format, as requested for the design services for SR A1A from Tides Road MP 8.66 to Coco Plum Lane MP 15.4. Mr. Garcia's duties included planning, field review, supervision and coordination with our field crews, maintaining the project schedule, client contact, and QA/QC for this project.	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 (City and State) Open-End District Contract for Subsurface Utility Designating and Locating Florida Department of Transportation - District 4		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>On Call Through 2017</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	On Call Through 2017	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
On Call Through 2017							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Florida Department of Transportation District 4	b. POINT OF CONTACT NAME Mr. Jeff Smith	c. POINT OF CONTACT TELEPHONE NUMBER (954) 777-4560					
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) Subsurface Utility Engineering Services and Utility Infrastructure Mapping Contract including: Utility Designating, Air/Vacuum Test Holes, Survey, and MicroStation CADD on Highway projects through the state of Florida in support of the FDOT's pre-design program through private consultants and in-house design program. Contract Cost: \$1,500,000.00							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> State Road 7 / US 441 Designation and Test Hole Services, Hollywood, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2013</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2013	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2013							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Florida Department of Transportation	b. POINT OF CONTACT NAME Mr. Paul Dall	c. POINT OF CONTACT TELEPHONE NUMBER (954) 486-1400					
25. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>InfraMap provided utility designation, test holes and survey along SR7/US 441 from Fillmore St to Stirling Rd. for this highway improvement project. InfraMap designated 553,700 linear feet of utilities along SR 7/ US 441 and adjacent streets. In addition to the designation portion of this project, InfraMap also performed 200 air vacuum test holes at locations requested by the FDOT. Deliverables were provided to the client's specifications on time and in the requested format for this project.</p> <p>Contract Value: \$117,551.05</p>							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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) Open-End District Contract for Subsurface Utility Designating and Locating Florida Department of Transportation - District 6		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>On Call Through 2017</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	On Call Through 2017	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
On Call Through 2017							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Florida Department of Transportation District 4	b. POINT OF CONTACT NAME Mr. Jeff Smith	c. POINT OF CONTACT TELEPHONE NUMBER (954) 777-4560					
26. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) Subsurface Utility Engineering Services and Utility Infrastructure Mapping Contract including: Utility Designating, Air/Vacuum Test Holes, Survey, and MicroStation CADD on Highway projects through the state of Florida in support of the FDOT's pre-design program through private consultants and in-house design program. Contract Cost: \$3,000,000.00							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 4				
21. TITLE AND LOCATION (City and State) Sandpiper Avenue, Royal Palm Beach, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2018</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2018	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2018							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Keshavarz & Associates	b. POINT OF CONTACT NAME Mr. Amir Keshavarz	c. POINT OF CONTACT TELEPHONE NUMBER (561) 689-8600					
27. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) InfraMap provided the client with utility targeting and test hole services along Sandpiper Avenue and the adjacent streets for this project. InfraMap employees located approximately 15,000 LF of utilities and dug 35 test holes, delivering findings in the requested formats to the client on-time and on-budget. Contract Cost: \$31,064.16							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 5				
21. TITLE AND LOCATION (City and State) OPBCWUD Phase I, Boca Raton, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2018</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2018	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2018							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Chen Moore and Associates	b. POINT OF CONTACT NAME Mr. Brent Whitfield	c. POINT OF CONTACT TELEPHONE NUMBER (561) 746-6900					
28. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) InfraMap provided utility targeting and test hole services along Glades Road and a portion of Riverside Road for this project, delivering approximately 30,000 LF of targeted utilities and 65 utility test holes. This project was delivered on-time and on-budget. Contract Cost: \$61,371.00							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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) SR A1A, Vero Beach, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2019</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2019	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2019							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Civil Works	b. POINT OF CONTACT NAME Ms. Linda Bell	c. POINT OF CONTACT TELEPHONE NUMBER (305) 591-4323					
29. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>InfraMap provided utility designating and test hole services along SR A1A in Vero Beach for this project. Approximately 8,000 LF of utilities were located and 75 utility test holes were performed for the client, including processing utility test holes and delivering via FDOT standards. This project was completed on-time and on-budget.</p> <p>Contract Cost: \$68,711.34</p>							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 (City and State) City of Delray Beach- Osceola Neighborhood Improvements Delray Beach, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2018</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2018	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2018							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Baxter & Woodman	b. POINT OF CONTACT NAME Ms. Courtney Marshall	c. POINT OF CONTACT TELEPHONE NUMBER (561) 425-7731					
30. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>InfraMap provided utility test hole services for this project at various locations within the city of Delray Beach. A total of 89 utility test holes were performed for the client for this project. This project was completed on-time and on-budget.</p> <p>Contract Cost: \$35,608.21</p>							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> CDO 3 PBCWUD, West Palm Beach, Florida		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if Applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Keshavarz and Associates	b. POINT OF CONTACT NAME Mr. Amir Keshavarz	c. POINT OF CONTACT TELEPHONE NUMBER (561-689-8600)	
31. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> InfraMap provided the client with utility targeting and test hole services in the Dillman Heights, Berkshire and Gun Club Estates neighborhoods for this project. InfraMap employees located approximately 24,000 LF of utilities and performed 190 test holes, delivering findings in the requested formats to the client on-time and on-budget. Contract Cost: \$90,900.00			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, Florida	(3) ROLE Prime
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

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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) PBCWUD WTP #2, Greenacres, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if Applicable)</td> </tr> <tr> <td>2018</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)	2018	
PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)						
2018							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Kimley Horn	b. POINT OF CONTACT NAME Mr. Lance Littrell	c. POINT OF CONTACT TELEPHONE NUMBER (407) 412-7544					
32. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) InfraMap provided the client with utility targeting and test hole services within WTP #2. InfraMap employees located approximately 18,000 LF of utilities and performed 50 test holes, delivering findings in the requested formats to the client on-time and on-budget. Contract Cost: \$40,403.95							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION (City and State) West Palm Beach, Florida	(3) ROLE Prime				
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				

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <i>(City and State)</i> United States Navy, NAVFAC Utility Locating and Survey Contract, Norfolk, Virginia		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES Currently Under Contract	CONSTRUCTION (if Applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER NAVFAC Mid-Atlantic	b. POINT OF CONTACT NAME Mr. David Midgett	c. POINT OF CONTACT TELEPHONE NUMBER (757) 341-1694	
33. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> InfraMap has provided on-call service for this contract since 2008. InfraMap is tasked with locating all utilities for seven Navy facilities in the Hampton Roads region of NAVFAC and all Navy facilities within a fifty-mile radius of Norfolk. This contract also supports Engineering Design and GPS Surveys. InfraMap established an additional office on Baker Road in Virginia Beach, staffing the office with a combination of InfraMap veterans and local new hires with extensive industry experience. Contract Cost: \$20,000,000.00			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME InfraMap Corp.	(2) FIRM LOCATION <i>(City and State)</i> Virginia Beach, Virginia	(3) ROLE Prime
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

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	Open-End District Contract for Subsurface Utility Designating and Locating Florida Department of Transportation - District 4	6	SR A1A, Vero Beach, FL
2	SR 7 / US 441 Designation and Test Hole Services, Hollywood, FL	7	City of Delray Beach- Osceola Neighborhood Improvements, Delray Beach, FL
3	Open-End District Contract for Subsurface Utility Designating and Locating Florida Department of Transportation - District 6	8	CDO 3 PBCWUD, West Palm Beach, FL
4	Sandpiper Avenue, Royal Palm Beach, FL	9	PBCWUD WTP #2, Greenacres, FL
5	OPBCWUD Phase I, Boca Raton, FL	10	United States Navy, NAVFAC Utility Locating and Survey Contract, Norfolk, VA

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

InfraMap Corp. is one of the few remaining firms who specialize in the Subsurface Utility Engineering (SUE) and Utility Infrastructure Mapping industry exclusively, as opposed to a department or subgroup of an engineering/architectural firm. As a result, every InfraMap employee is trained and dedicated to the SUE industry.

For over thirty-two years, InfraMap has provided quality Subsurface Utility Engineering (SUE) and Utility Infrastructure Mapping services to State Transportation Departments and other government agencies for a wide range of projects including bridge replacements or rehabilitations, intersection improvements, roadway and highway widenings, drainage improvements, ADA projects, proposed signals, railroad crossings, and utility improvements. Some of these contracts are delivered in AutoCAD and others are in MicroStation and some of our consultants utilize the own software for deliverables.

We are experts in the execution of ASCE 38 Standard Guideline for the Collection and Depiction of Subsurface Utility Data, identification and depiction of utility systems and network, the geophysics of underground utility locating, and the management of utility data. We have the current staffing, experience, equipment, and other necessary resources to perform multiple small and large assignments for this contract immediately. InfraMap has been awarded multi-year Statewide SUE contracts for State Transportation Departments in Florida, New York, Delaware, Maryland, North Carolina, South Carolina, Georgia, Virginia, and Vermont, and have worked as a sub-consultant for NJDOT and at most PennDOT Districts. InfraMap has produced an impressive portfolio of achievements including more than 25,000 projects completed, more than 25 million feet of Quality Level B utility designating and survey, and over 125,000 Quality Level A air vacuum excavation test holes, which includes processing of survey into MicroStation and AutoCAD.

Thank you for your time and consideration in reviewing our firm for this project.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE




32. DATE

10/23/20

33. NAME AND TITLE Michael Goodman, Vice President, InfraMap Corp.

ARCHITECT – ENGINEER QUALIFICATIONS			1. SOLICITATION NUMBER (If any) DCRA 20-027	
PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)				
2a. FIRM (OR BRANCH OFFICE) NAME InfraMap Corp.			3. YEAR ESTABLISHED 2001	4. DUNS NUMBER 718-715-6124
2b. STREET 10365 Cedar Lane			5. OWNERSHIP	
2c. CITY Glen Allen			a. TYPE Corporation	
2d. STATE VA		2e. ZIP CODE 23059	b. SMALL BUSINESS STATUS Federal Small Business	
6a. POINT OF CONTACT NAME AND TITLE Michael Goodman, Vice President, InfraMap Corp.			7. NAME OF FIRM (If block 2a is a branch office)	
6b. TELEPHONE NUMBER 804-550-2937		6c. E-MAIL ADDRESS mgoodman@inframap.net		
8a. FORMER FIRM NAME(S) (If any) Accurate Locating, Inc.			8b. YR. ESTABLISHED 1987	8c. DUNS NUMBER 718-715-6124

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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	10	1	B02	Bridges	
08	CADD Technician	3	1	C10	Commercial Building; (low rise); Shopping	
12	Civil Engineers	2	1	C15	Construction Management	
15	Construction Inspectors			E02	Educational Facilities; Classrooms	
21	Electrical Engineers			G04	Geographic Information System Services:	
23	Environmental Engineer			H07	Highways; Streets; Airfield Paving; Parking	
24	Environmental Scientist			H09	Hospitals & Medical Facilities	
29	Geographic Information System			H11	Housing (Residential, Multifamily,	
32	Hydraulic Engineer			I01	Industrial Buildings; Manufacturing Plants	
38	Land Surveyor	6	2	I06	Irrigation; Drainage	
39	Landscape Architects			L03	Landscape Architecture	
52	Sanitary Engineers			O01	Office Building; Industrial Parks	
57	Structural Engineers			P06	Planning (Site, Installation and Project)	
60	Transportation Engineers			S04	Sewage Collection, Treatment & Disposal	
62	Water Resources Engineer			S10	Surveying; Platting; Mapping; Flood Plain	
	Air Quality Specialist			S13	Stormwater Handling & Facilities	
	Engineering Technician			T03	Traffic & Transportation Engineering	
	Financial Specialists			T04	Topographic Surveying and Mapping	
	Land Planning/Site Design			W01	Warehouses & Depots	
	Utility Locators	51	10	W02	Water Resources; Hydrology; Ground Water	
	Total	72	15	other	Subsurface Utility Engineering	6
				other	Utility Location, Mapping and Survey	6
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER				
a. Federal Work	6	1. Less than \$100,000			6. \$2 million to less than \$5 million	
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000			7. \$5 million to less than \$10 million	
c. Total Work	7	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	
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.						
a. SIGNATURE 					b. DATE October 23, 2020	
c. NAME AND TITLE Michael Goodman, Vice President, InfraMap Corp.						

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Request for Qualifications to Provide Design Services to the Hollywood CRA for Hollywood Boulevard Streetscape, Hollywood, Florida

2. PUBLIC NOTICE DATE

September 29, 2020

3. SOLICITATION OR PROJECT NUMBER

DCRA 20-027

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Mitchel Walker - President

5. NAME OF FIRM

Masuen Consulting LLC

6. TELEPHONE NUMBER

(866) 928-1533 x 212

7. FAX NUMBER

(800) 928-1134

8. E-MAIL ADDRESS

mitch@masuenconsulting.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	SUBCON-TRACTOR			
a.			✓	Masuen Consulting, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	301 S. Washington Ave., Ste F. Newport, WA 99156	Irrigation Design
b.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
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)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Judy Jensen	13. ROLE IN THIS CONTRACT Project Manager/Designer	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> Masuen Consulting, LLC, Newport, WA			
16. EDUCATION <i>(Degree and Specialization)</i> AAS Building & Architecture Technology		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> CID, CLIA, CGIA, LEED AP, TX IRRIGATOR #0023996			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Century Village East, Deerfield Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designed new replacement irrigation system for entire property to include three 2,000 gpm pump stations, 12,500' of HDPE mainline, 1,000 irrigation zones, Computerized control system and CUP from SFWMD.		
(1) TITLE AND LOCATION <i>(City and State)</i> Broward County Waste Water Treatment Plant Receiving Facility, Broward County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of a 3 acre waste water treatment plant irrigation system, which included large impact drive irrigation heads for retention irrigation coverage, as needed.		
(1) TITLE AND LOCATION <i>(City and State)</i> Pine Island Rd & 50th St. Park, Sunrise, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Large irrigation system design for multiple sports fields and landscaping utilizing two wire control.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> Pine Island Road & 50th St Park, Sunrise, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION <i>(If applicable)</i>	

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Craven Thompson and Associates	b. POINT OF CONTACT NAME Joe Handley	c. POINT OF CONTACT TELEPHONE NUMBER 954-739-6400
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Masuen Consulting provided a large irrigation system design for multiple sports fields and landscaping utilizing a pump and well, two wire control/decoder system, rotors, spray heads, and reclaim compliant equipment for possible future reclaim water availability..

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Masuen Consulting, LLC	(2) FIRM LOCATION <i>(City and State)</i> Newport, WA	(3) ROLE Irrigation Designer
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

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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> Martin County Parks - Citrus Grove Park, Martin County, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION <i>(If applicable)</i>	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Martin County	b. POINT OF CONTACT NAME Kevin Landry	c. POINT OF CONTACT TELEPHONE NUMBER (772) 221-1376
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Masuen Scope: Designed the irrigation system for a 25 acre county park including pump station design and specifications, well design and specifications and Consumptive Use Permit from South Florida Water Management District. 300 gpm pump station, 10" well, Major General CUP.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(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.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

1. SOLICITATION NUMBER (If any)	
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DCRA 20-027

PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)


2a. FIRM (or Branch Office) NAME Masuen Consulting LLC			3. YEAR ESTABLISHED 1995		4. UNIQUE ENTITY IDENTIFIER	
2b. STREET 301 S. Washington Ave., Suite F			5. OWNERSHIP a. TYPE Limited Liability Company b. SMALL BUSINESS STATUS			
2c. CITY Newport		2d. STATE WA				
6a. POINT OF CONTACT NAME AND TITLE Mitchel Walker - President			7. NAME OF FIRM (If Block 2a is a Branch Office)			
6b. TELEPHONE NUMBER 866-928-1533 x 212		6c. E-MAIL ADDRESS mitch@masuenconsulting.com				
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	

[illegible]

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5	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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	10-23-2020
c. NAME AND TITLE	
Mitchel Walker - President	

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

DESIGN SERVICES TO THE HOLLYWOOD COMMUNITY REDEVELOPMENT AGENCY FOR HOLLYWOOD BOULEVARD STREETScape

2. PUBLIC NOTICE DATE

September 29, 2020

3. SOLICITATION OR
PROJECT NUMBER

DCRA 20-027

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Raj Krishnasamy, P.E., President/ Principal Engineer

5. NAME OF FIRM

TSF (TIERRA SOUTH FLORIDA, Inc.)

6. TELEPHONE NUMBER

(561) 687-8536

7. FAX NUMBER


(561) 687-8570

8. E-MAIL ADDRESS

Raj@TSFGeo.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.			X	 <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 33411	Geotechnical Engineering and Material Testing Services
b.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☐ (Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kumar Vedula, P.E.	13. ROLE IN THIS CONTRACT Principal Geotechnical Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 24</td> <td>b. WITH CURRENT FIRM 14</td> </tr> </table>		a. TOTAL 24	b. WITH CURRENT FIRM 14
a. TOTAL 24	b. WITH CURRENT FIRM 14				
15. FIRM NAME AND LOCATION (City and State) TSF, West Palm Beach, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Engineering, Andhra University, India, 1992 MS Civil Engineering, University of Memphis, 1995		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida No. 54873			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers, Past President Augered Cast-in-Place and Driven Pre-stressed Concrete Pile Field Performance Comparison, Frizzi, R. P, & Vedula, R.V, Published in FHWA Resource Center, 83rd Annual Transportation Research Board Meeting, Washington D.C., January 2004					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Water Main Replacement, City of Hollywood, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer for the Geotechnical Subsurface Exploration for the water main replacement in the City of Hollywood, Florida. The project area is within the boundaries of NW 72nd Avenue, N 66th Avenue, Charleston Street, and Taft Street. Provided a geotechnical engineering report including geotechnical engineering evaluations, recommendations and provided subsurface profile and pavement core data. ✓ Completed on time ✓ Within budget					
b.	(1) TITLE AND LOCATION (City and State) SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer for several Roadway Improvements Projects on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. Provided a geotechnical report including geotechnical engineering evaluations and recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pill Wall, Light Pole installation, and construction considerations. ✓ Completed on time ✓ Within budget					
c.	(1) TITLE AND LOCATION (City and State) Restoration of Surf Road at Balboa Street, Hollywood, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2020</td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer of the Geotechnical Engineering Services for Surf Road at Balboa Street. The project consists of a retaining wall along the shoreline side of the roadway to protect the roadway erosion. Provided a geotechnical engineering report including geotechnical recommendations regarding pavement and engineering inspections. ✓ Completed on time ✓ Within budget					
d.	(1) TITLE AND LOCATION (City and State) Mast Arms - SR A1A and Garfield Street, Hollywood, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2019</td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer of the Geotechnical Engineering Services the mast arm installations located at SR A1A and Garfield Street in Hollywood, Florida. The purpose of the study was to provide geotechnical input to the design team to assist in the foundation design. Provided a geotechnical engineering report including geotechnical engineering evaluations and recommendations for the design. ✓ Completed on time ✓ Within budget					
e.	(1) TITLE AND LOCATION (City and State) Sheridan Street and Dykes Road Intersection Improvements, Broward County, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer for the Geotechnical Engineering Services for the intersection improvement project at the intersection of Sheridan Street and Dykes Road in Broward County. The improvements included signalization structures and roadway improvements. Provided a geotechnical engineering report including geotechnical evaluations and recommendations regarding pavement design, and foundation design and drilled shaft construction recommendations for mast arms. ✓ Completed on time ✓ Within budget					

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <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 <div style="font-size: 24pt; font-weight: bold;">1</div>		
21. TITLE AND LOCATION (City and State) SR A1A and Garfield Street Hollywood, Florida	22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">PROFESSIONAL SERVICES 2019</td> <td style="width: 50%; text-align: center; padding: 5px;">CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Hollywood c/o Kimley-Horn	b. POINT OF CONTACT NAME Mr. Marwan Mufleh, PE	c. POINT OF CONTACT TELEPHONE NUMBER (561) 845-0665		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>TSF provided Geotechnical Engineering Services for SR A1A and Garfield Street located in Hollywood, Florida.</p> <p>The project included installation of traffic signal mast arms at the subject intersection.</p> <p>The purpose of this study was to provide geotechnical input to the design team to assist in the foundation design.</p> <p>TSF's geotechnical field study included SPT borings; visually classified and stratified the samples in the laboratory using the Unified Soil Classification System (USCS).</p> <p>Provided a geotechnical engineering report including geotechnical evaluations and recommendations regarding traffic signal mast arms, construction considerations, monitor existing structures, and drilled shafts.</p> <p>✓ Completed on time ✓ Within budget</p>				

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME TSF	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Geotechnical Engineering Services
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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) Improvements at Taft Street and Park Road City of Hollywood, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION (If applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable)			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Hollywood c/o Atkins	b. POINT OF CONTACT NAME Mr. Ruben Hernandez, Division Manager of Public Sector Projects	c. POINT OF CONTACT TELEPHONE NUMBER (305) 592 7275		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>TSF provided Geotechnical Engineering Services for the intersection improvements project at the intersection of Taft Street and Park Road in the City of Hollywood, Florida. The project also includes mast arm installations at the subject intersection.</p> <p>The purpose of this study was to provide Geotechnical input to the design team to assist in evaluation of the mast arm installations.</p> <p>TSF's geotechnical field study included SPT borings; measured groundwater levels at the time drilling; visually classified and stratified the samples in the laboratory using the ASTM Unified Soil Classification System (USCS) and conducted environmental corrosion tests.</p> <p>Provided a geotechnical engineering report including geotechnical engineering evaluations and recommendations regarding foundation design, and drilled shaft construction,</p> <p>✓ Completed on time ✓ Within budget</p>				

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME TSF	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Geotechnical Engineering Services
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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 3		
21. TITLE AND LOCATION (City and State) SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida.		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">PROFESSIONAL SERVICES 2017</td> <td style="text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER FDOT c/o BMA Consulting	b. POINT OF CONTACT NAME Mr. Jesus A. Mustafa, P.E., Director	c. POINT OF CONTACT TELEPHONE NUMBER (954) 744-4691		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>TSF provided Geotechnical Engineering Services for several roadway improvements on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County, Florida.</p> <p>The purpose of the study was to provide Geotechnical (i.e. soils and groundwater) input to the design team to assist in evaluation of the merits of the potential roadway improvements.</p> <p>The study was performed to obtain information on the existing subsurface conditions at the project site to assist in the design and preparation of construction plans for the proposed improvements.</p> <p>Reviewed readily available published topographic and soils information obtained from the "Soil Survey of Broward County, Florida" published by the United States Department of Agriculture (USDA) Natural Resources Conservation Services (NRCS), and USGS Maps. Field work included SPT borings for roadway widening, light pole installations and retaining walls. double ring infiltration tests DRIT, exfiltration tests, and asphalt pavement cores from existing roadway. Classified soil samples using the AASHTO and Unified Soil Classification System and performed laboratory testing to establish the soil properties which included grain size analysis, moisture content and organic content determination, and Atterberg limit tests. TSF also reviewed the existing data from previous geotech studies.</p> <p>Provided a geotechnical report including geotechnical evaluations and recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pill Wall, Light Pole installation, and construction considerations</p> <p>✓ Completed on time ✓ Within budget</p>				

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME TSF	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Geotechnical Engineering Services
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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	SR A1A and Garfield Street Hollywood, Florida	6	
2	Improvements at Taft Street and Park Road City of Hollywood, Florida	7	
3	SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	8	
4		9	
5		10	

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Company Profile

TSF (Tierra South Florida, Inc.) is a full-service consulting geotechnical engineering, construction materials testing and inspections firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction materials testing. Our services also include threshold/special inspections and roofing inspection services.

The geotechnical and materials engineering services provide clients with the comprehensive range of siting, planning, design, construction and quality control disciplines required for major construction projects.

Mr. Raj Krishnasamy, P.E. qualifies as a minority by Federal Guidelines. Mr. Krishnasamy is a licensed Engineer with 33 years of experience in geotechnical, material engineering and inspection services. TSF is a certified **Disadvantaged Business Enterprise (DBE)** with the *Florida Department of Transportation (FDOT)* and a certified **Minority Business Enterprise (MBE)** with the *State of Florida's Office of Supplier Diversity and the City of Orlando*. Additionally, TSF is a certified **Small Business Enterprise (SBE)** with *Pinellas County*, and the *South Florida Water Management District (SFMWD)*.

Geotechnical Engineering

TSF can provide a complete range of geotechnical engineering services. These services include site assessments, planning, field and laboratory investigations, design specifications and recommendations, quality control, instrumentation and performance studies. TSF will evaluate and then develop recommendations regarding both existing structures and new construction. Applications are for all types of buildings, airport facilities, transportation systems, landfills, dams, and other civil and private projects. TSF's primary market is minority business set aside by City, County, State and Federal agencies.

Construction Materials Engineering and Testing

TSF offers materials engineering, testing and inspection services applicable to the governmental, construction and manufacturing industries. During construction, monitoring and quality control services will cover every phase of construction and all materials used. Our field and laboratory technicians hold industry-recognized certifications (ACI/CTQP/PCI/FPCA) for aggregates, asphalt, concrete, and earthwork testing as well as drilled shaft, augercast pile, and pile driving monitoring.

Laboratory Facilities

TSF owns and operates two fully equipped in-house soils, concrete, aggregate, and asphalt testing laboratories certified by Construction Materials Engineering Council (CMEC). Both TSF labs follow American Society for Testing and Materials (ASTM) and American Association of State Highway and Transportation Officials (AASHTO) standards and our West Palm Beach laboratory is also validated by FDOT and the United States Army Corp of Engineers (USACE). These laboratories provide specialized testing services associated with geotechnical engineering, and construction materials to better meet the needs of its clients. TSF's laboratory facilities are designed and operated to provide fast, reliable information to assure the meeting of client's needs. The trained and certified laboratory staff will routinely perform physical properties testing of soil, rock, concrete, steel, asphalt, and composite building materials. These testing services are performed in support of all project phases, including site investigations and assessments, design, and construction.

Corporate and Project Management Philosophy

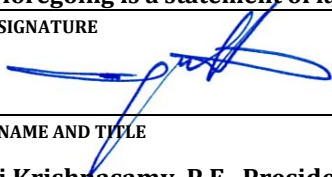
The TSF organization is committed to minimizing corporate administrative control which allows both branch management and specific technical teams to take correct and timely actions to meet the objectives of their clients. Employees stress quality, responsive services in which they will take a great deal of pride. Client satisfaction with the quality of TSF's work, past and future, will result in a large percentage of work to be performed for repeat clients.

Interaction with Regulatory Agencies

TSF has an excellent working relationship with the FDOT as well as the SFWMD. When working within right of way of these agencies, TSF will submit an application for request of work permit and obtain the proper authorization prior to proceeding with work. TSF will then follow up with a meeting to explain the scope in detail and notify the agency at completion.

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

October 12, 2020

33. NAME AND TITLE

Raj Krishnasamy, P.E., President/Principal Engineer

1. SOLICITATION NUMBER *(If any)*

DCRA 20-027


PART II - GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME TSF (Tierra South Florida, Inc.)					3. YEAR ESTABLISHED 2003		4. UNIQUE ENTITY IDENTIFIER 829296222	
2b. STREET 2765 Vista Parkway, Suite 10					5. OWNERSHIP			
					a. TYPE Corporation			
2c. CITY West Palm Beach			2d. STATE FL	2e. ZIP CODE 33411		b. SMALL BUSINESS STATUS DBE - FDOT UCP MBE - Florida Statewide OSD & City of Orlando SBE – Pinellas County & SFWMD.		
6a. POINT OF CONTACT NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer					7. NAME OF FIRM (<i>If block 2a is a branch office</i>) N/A			
6b. TELEPHONE NUMBER (561) 687-8536		6c. E-MAIL ADDRESS Raj@TSFGeo.com						
8a. FORMER FIRM NAME(S) (<i>If any</i>)					8b. YR. ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	
N/A					N/A		N/A	
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 (<i>see below</i>)		
		(1) FIRM	(2) BRANCH					
2	Administrative	6	6	S05	Soils and Geologic Studies; Foundations	6		
8	CADD Technician	2	2	T02	Testing and Inspection Services	6		
27	Foundation/Geotechnical Eng	7	7					
58	Technician/Analyst	27	27					
15	Construction Inspector	5	5					
16	Construction Manager	2	2					
Total		49	49					
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (<i>Insert revenue index number shown at right</i>)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER						
		<div> <div>1. Less than \$100,000.</div> <div>2. \$100,000 to less than \$250,000</div> <div>3. \$250,000 to less than \$500,000</div> <div>4. \$500,000 to less than \$1 million</div> <div>5. \$1 million to less than \$2 million</div> </div> <div> <div>6. \$2 million to less than \$5 million</div> <div>7. \$5 million to less than \$10 million</div> <div>8. \$10 million to less than \$25 million</div> <div>9. \$25 million to less than \$50 million</div> <div>10. \$50 million or greater</div> </div>						
a. Federal Work	6							
b. Non-Federal Work	6							
c. Total Work	7							

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE October 12, 2020
c. NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer	

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 OF EXPERIENCE	
Joaquin E. Vargas	Transportation/Traffic Engineer	a. TOTAL 33	b. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION (City and State) TRAF TECH ENGINEERING, INC. (TAMARAC, FLORIDA)

16. EDUCATION (DEGREE AND SPECIALIZATION) BSCE (Civil Engineer) MSCE (Transportation Engineer)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE Florida
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers (Member), Traffic Simulation Training, Published article on Echelon Interchange (Urban Interchanges)
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19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Traffic Consultant for City of Coral Springs	On-going	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Review traffic studies and site plans from a traffic standpoint	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Traffic Consultant for City of Sunrise	On-Going	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Review traffic studies and site plans from a traffic standpoint	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	City of Oakland Park	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Conducted lane-reduction study for Powerline Road from Oakland Park Boulevard to Commercial Boulevard	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Traffic Consultant for City of Tamarac	On-Going	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Review traffic studies and site plans from a traffic standpoint	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Town of Lauderdale-By-The-Sea	2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Consulting Services to implement pedestrian-only signal phase at East Commercial Boulevard and SR A1A	<input checked="" type="checkbox"/> Check if project performed with current firm	

**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)*

Traffic Consultant for the City of Sunrise

22. YEARS COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION *(If Applicable)*
On-going

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Coral Springs

b. POINT OF CONTACT NAME

Chris Suneson

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 344-1159

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

Review traffic studies conducted by others and provide comments to the City. Review site plans from access, parking layout and internal site circulation standpoints. Review landscaping plans from visibility standpoint (sight distance). Conduct field observations relative to current traffic problems within the City and provide recommendations intended to improve traffic flow and enhance safety. Assisted with traffic analysis for the relocation of the Coral Springs Charter School.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Traf Tech Engineering, Inc.	Tamarac, Florida	Traffic/Transportation 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 FROM 330 (6/2004) PAGE 4

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)

Traffic Consultant for the City of Sunrise

22. YEARS COMPLETED

PROFESSIONAL SERVICES CONSTRUCTION (If Applicable)

On-going

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Sunrise

b. POINT OF CONTACT NAME

Shannon Ley

c. POINT OF CONTACT TELEPHONE NUMBER

(954) 746-3288

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

Review traffic studies conducted by others and provide comments to the City. Review site plans from access, parking layout and internal site circulation standpoints. Review landscaping plans from visibility standpoint (sight distance). Conduct field observations relative to current traffic problems within the City and provide recommendations intended to improve traffic flow and enhance safety.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Traf Tech Engineering, Inc.	(2) FIRM LOCATION (City and State) Tamarac, Florida	(4) ROLE Traffic/Transportation Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(4) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(4) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(4) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(4) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(4) ROLE

STANDARD FROM 330 (6/2004) PAGE 4

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	Traffic Consultant City of Coral Springs		
2	Traffic Consultant City of Sunrise		

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Work Experience

Joaquin Vargas' experience includes traffic operation and safety studies for the Florida Department of Transportation, Florida's Turnpike, numerous municipalities, Broward County, and the private sector. For the private sector, Joaquin Vargas has conducted hundreds of traffic impact studies ranging from small scale developments to regional shopping centers. In the past two years, Joaquin has completed more than 150 traffic studies in the State of Florida. Mr. Vargas has also been involved in projects involving major events at the Florida Panther's Arena in Sunrise and at the Daytona International Speedway. He has also conducted traffic studies in Canada, the Bahamas, Saint Maarten, Mexico, Honduras, Africa and the Dominican Republic. Mr. Vargas is currently developing a master transportation plan for Turks and Caicos.

From 1996 to 2006, Mr. Vargas served as traffic operations and safety consultant to the Florida Department of Transportation (FDOT). During this period, he conducted over 200 traffic engineering assignments for the FDOT, including the Florida Keys Hurricane Evacuation Study completed in 2001. He has also evaluated over 100 locations where fatal crashes occurred. These investigations focused on the contributing causes of the fatal crash and roadway deficiencies that potentially contributed to the accident.

Mr. Vargas has served as traffic consultant to the cities of Fort Lauderdale, Coral Springs, Sunrise, Tamarac, Homestead, Cooper City, Miami Springs, Surfside, Ocala, and Destin. Some representative projects include the Destin Harbor Parking Master Plan, Sistrunk Boulevard traffic calming project in Fort Lauderdale, and many reviews of traffic studies on behalf of municipalities. The City of Pompano Beach has recently retained the services of Traf Tech Engineering to conduct a parking and traffic study for the Pompano Beach area. As part of the Pompano Beach study, Traf Tech Engineering recommended a "road-diet" alternative on a roadway in order to enhance and improve pedestrian mobility near the beach. (The term road diet applies to taming, or what Walkable Communities, Inc., calls skinning up, fat, higher-speed multi-lane roadways that were expanded in response to growing traffic. In a road diet, the number of road lanes is reduced or reallocated.).

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

10-12-2020

33. NAME AND TITLE **Joaquin E. Vargas, - President**

STANDARD FROM 330 (6/2004) PAGE 6

1. SOLICITATION NUMBER (If any)

DCRA-20-027

PART II – GENERAL QUALIFICATIONS


(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Traf Tech Engineering, Inc. (Tamarac, Florida)			3. YEAR ESTABLISHED 2005		4. DUNS NUMBER 60-854-4289	
2b. STREET 8400 N. University Drive, Suite 309			5. OWNERSHIP			
2c. CITY Tamarac			2d. STATE FL		2e. ZIP CODE 33321	
6a. POINT OF CONTACT NAME AND TITLE Joaquin E. Vargas			a. TYPE Corporation			
6a. TELEPHONE NUMBER (954) 643-1671			b. SMALL BUSINESS STATUS DBE and SBE			
			7. NAME OF FIRM <i>(If block 2a is a branch office)</i>			
6c. E-MAIL ADDRESS joaquin@traftech.biz						

8a. FORMER FIRM NAME(S) <i>(If any)</i>	8b. YR. ESTABLISHED	8c. DUNS NUMBER

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	2		T03	Traffic and Transportation	3
60	Transportation Engineer	1			Parking Studies	1
	Other Employees					
	Total					

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work		1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	3	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	3	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

<p>12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.</p>	
<p>a. SIGNATURE</p> 	<p>b. DATE</p> <p>10-12-2020</p>
<p>c. NAME AND TITLE</p> <p>Joaquin E. Vargas - President</p>	

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FROM 330 (6/2004) PAGE 7

Section 5: Profile of Consultant

SECTION 5: PROFILE OF CONSULTANT

PROFILE OF CONSULTANT

a. National, Regional, or Local Organization

Craven, Thompson & Associates, Inc. is a Local Organization.

b. State the location of the office from which the work is to be performed

Craven, Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309
Phone: (954) 739-6400

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA: **CRIVEN THOMPSON & ASSOCIATES** Receipt #: **315-657**
Business Name: **CRIVEN THOMPSON & ASSOCIATES** Business Type: **ENGINEER (CORP-ENGINEERING)**

Owner Name: **THOMAS M MCDONALD** Business Opened: **09/25/2006**
Business Location: **3563 NW 53 ST** State/County/Cert/Reg: **0507-001228**
FT LAUDERDALE
Business Phone: **954-739-6400** Exemption Code:

Rooms: Seats: Employees: **5** Machines: Professionals:

For Vending Business Only						Vending Type:	
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid	
30.00	0.00	0.00	0.00	0.00	0.00	30.00	

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS


THIS BECOMES A TAX RECEIPT This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

WHEN VALIDATED


Mailing Address:
THOMAS M MCDONALD
3563 NW 53 ST
FORT LAUDERDALE, FL 33309

Receipt # **HW-19-0019335**
Paid 07/07/2020 30.00

2020 - 2021

 **CITY OF FORT LAUDERDALE | BUSINESS TAX DIVISION**
BUSINESS TAX YEAR 2019-2020

100 N. Andrews Avenue, 1st Floor, Fort Lauderdale, Florida 33301
(954) 828-5195



Business ID: **1301193** Business Name: **GIBNEY, PATRICK**
Business Address: **3563 NW 53 ST**
Tax Category: **ENGINEER** Tax#: **740068** Fee:

GIBNEY, PATRICK
CRIVEN THOMPSON & ASSOCIATES
3563 NW 53 ST
FORT LAUDERDALE, FL 33309

DETACH AND POST THIS RECEIPT IN A CONSPICUOUS PLACE

SECTION 5: PROFILE OF CONSULTANT

Electrical Design Associates, Inc.
8401 Lake Worth Road
Lake Worth, Florida 33467
Phone: (561) 819-5556



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

8401 LAKE WORTH RD Ste 221
LAKE WORTH, FL 33467

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
54-0064 ENGINEER	REYES LILLIAN M	50780	B20.560683 - 08/25/20	\$33.00	B40113140

This document is valid only when receipted by the Tax Collector's Office.

**STATE OF FLORIDA
PALM BEACH COUNTY
2020/2021 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 200507951
EXPIRES: SEPTEMBER 30, 2021**



9
6-3428
ELECTRICAL DESIGN ASSOCIATES INC
ELECTRICAL DESIGN ASSOCIATES INC
8401 LAKE WORTH RD STE 221
LAKE WORTH FL 33467-2400



This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

8401 LAKE WORTH RD Ste 221
LAKE WORTH, FL 33467

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
54-0064 ENGINEER	DONALDSON DAMEION	70851	U20.522340 - 08/27/20	\$33.00	B40174841

This document is valid only when receipted by the Tax Collector's Office.

**STATE OF FLORIDA
PALM BEACH COUNTY
2020/2021 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 2018111301
EXPIRES: SEPTEMBER 30, 2021**



9
6-3430
ELECTRICAL DESIGN ASSOCIATES INC
ELECTRICAL DESIGN ASSOCIATES INC
8401 LAKE WORTH RD STE 221
LAKE WORTH FL 33467-2400



This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****

8401 LAKE WORTH RD Ste 221
LAKE WORTH, FL 33467

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
56-0016 ENGINEER BUSINESS	ELECTRICAL DESIGN ASSOCIATES	8079	B20.560686 - 08/25/20	\$33.00	B40113139

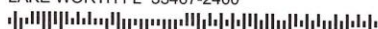
This document is valid only when receipted by the Tax Collector's Office.

**STATE OF FLORIDA
PALM BEACH COUNTY
2020/2021 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 200507952
EXPIRES: SEPTEMBER 30, 2021**



9
6-3429
ELECTRICAL DESIGN ASSOCIATES INC
ELECTRICAL DESIGN ASSOCIATES INC
8401 LAKE WORTH RD STE 221
LAKE WORTH FL 33467-2400



This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

SECTION 5: PROFILE OF CONSULTANT

InfraMap Corp.
1860 Old Okeechobee Road, Suite 201
West Palm Beach, Florida 33409
Phone: (561) 586-0790

CITY OF WEST PALM BEACH
2020 to 2021 BUSINESS RECEIPT

NOT TRANSFERABLE
CITY OF WEST PALM BEACH
P.O. BOX 3147, WEST PALM BEACH, FL. 33402

ADMIN OFFICE/SURVEYING &
MAPPING BUSINESS #PSM7077

0000018619
INFRAMAP CORP
1860 OKEECHOBEE RD # 201

BUS. TAX ID.	CATEGORY	DESCRIPTION	FEE
42281	541370	SURVEYING & MAPPING SERVICES OFFICE	86.81
TOTAL			86.81
** PAID			86.81
** BAL **			0.00

EXPIRES SEPTEMBER 30, 2021

THIS DOCUMENT NOT VALID UNTIL FUNDS ARE COLLECTED

Masuen Consulting, LLC
642 Yates Road
Newport, Washington 99156
Phone: (866) 925-1533

Washington State Department of Revenue

[Services](#) [Business Lookup](#) [MASUEN CONSULTING, LLC](#)

License Information: [New search](#) [Back to results](#)

Entity name: MASUEN CONSULTING, LLC

Business name: MASUEN CONSULTING, LLC

Entity type: [Limited Liability Company](#)

UBI #: 602-554-906

Business ID: 001

Location ID: 0001

Location: Active

Location address: 642 YATES RD
NEWPORT WA 99156

Mailing address: 642 YATES RD
NEWPORT WA 99156-9177

Excise tax and reseller permit status: [Click here](#)

Secretary of State status: [Click here](#)

Governing People *May include governing people not registered with Secretary of State*

Governing people	Title
MASUEN, MICHELE	
WALKER, MITCHEL (MITCH)	

The Business Lookup information is updated nightly. Search date and time: 8/20/2020 1:49:47 PM

SECTION 5: PROFILE OF CONSULTANT

Tierra South Florida, Inc.
2765 Vista Parkway, Suite 10
West Palm Beach, Florida 33411
Phone: (561) 687-8536

ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****
2765 VISTA PARKWAY STE 9
WEST PALM BEACH, FL 33411

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
56-0016 ENGINEER BUSINESS	KRISHNASAMY RAJ	28073	B20.550097 - 08/12/20	\$33.00	B40125447

This document is valid only when receipted by the Tax Collector's Office.

**STATE OF FLORIDA
PALM BEACH COUNTY
2020/2021 LOCAL BUSINESS TAX RECEIPT**

**LBTR Number: 200817991
EXPIRES: SEPTEMBER 30, 2021**

TIERRA SOUTH FLORIDA INC
TIERRA SOUTH FLORIDA INC
2765 VISTA PKWY STE 9
WEST PALM BEACH FL 33411-2734

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

Traf Tech Engineering, Inc.
8400 N. University Drive
Suite 309
Tamarac, Florida 33321
Phone: (954) 582-0988

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA:
Business Name: TRAF TECH ENGINEERING INC

Receipt #: 315-726
Business Type: ENGINEER (ENGINEERING CONSULTING SERV)

Owner Name: JOAQUIN E VARGAS
Business Location: 8400 N UNIVERSITY DR # 309
TAMARAC

Business Opened: 08/18/2005
State/County/Cert/Reg: 44174
Exemption Code:

Business Phone:

Rooms Seats Employees Machines Professionals
1

Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

**CITY OF TAMARAC
Business Revenue Receipt
FISCAL YEAR 2019- 2020**

BUSINESS NAME: TRAF TECH ENGINEERING, INC.
LOCATION: 8400 N UNIVERSITY DR #309
CLASSIFICATION: PROFESSIONAL-PA/CORP/INDIVIDUAL
BUS REV RCPT #: 21 00009879
CONTROL No: 6594

ISSUE DATE: 9/08/20
EXP DATE: 9/30/21
TOTAL AMOUNT PAID: 388.75

TRANSPORATION ENGINEERING CONSULTING SERVICES

**BUSINESS REVENUE RECEIPT MUST
BE CONSPICUOUSLY DISPLAYED**

TRAF TECH ENGINEERING, INC.
8400 N UNIVERSITY DR #309
TAMARAC FL 33321-1713

SECTION 5: PROFILE OF CONSULTANT

c. Firm Description, Size, and Range of Activities

CRAVEN THOMPSON & ASSOCIATES, INC.

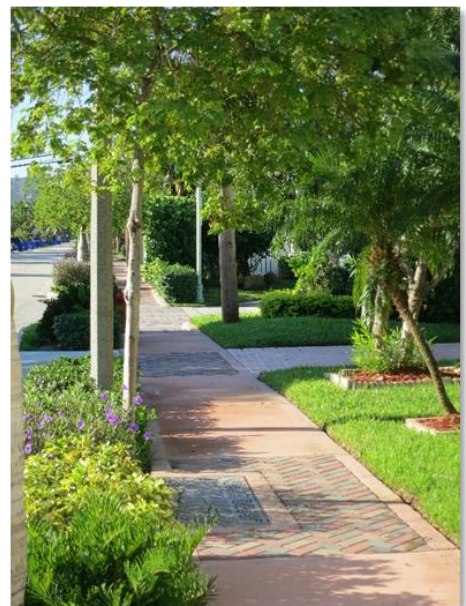
For over fifty-eight (58) years Craven Thompson & Associates, Inc. has provided consulting services to governmental agencies throughout South Florida. We have provided some or all of the following services to numerous clients including: Civil Engineering, Surveying, Utilities Engineering, Transportation Engineering, G.I.S., Landscape Architectural and Construction Management/Engineering Inspection Services.

Craven Thompson was founded in 1962 and has a large group of professional engineers, graduate engineers, surveyors, G.I.S. specialists, landscape architects and planners. Craven Thompson has been providing engineering, surveying and CEI services for the past fifty-eight years, landscape architectural services for the past thirty-five years, and G.I.S. services for the past fourteen years. Craven Thompson has seventy-five (75) employees consisting of four (4) Landscape Architects, one (1) Landscape Designer, one (1) Planner; twenty-nine (29) Civil Engineers, twenty-four (24) Surveyors & GIS Specialists (includes field crews), two (2) Construction Manager, six (6) Construction Inspectors; two (2) AutoCAD Technicians, and nine (9) Administrative Personnel - four of which are clerical.

➤ **Landscape Architecture Services**

The Landscape Architecture Department at Craven Thompson was created in 1985 when its first Registered Landscape Architect joined the team. The Landscape Architecture Department was created in response to increased public and private concern for natural systems, environmental quality and community appearance. Craven Thompson has been actively engaged in Landscape Architecture ever since, resulting in hundreds of impressive landscape architectural projects in South Florida. Our Landscape Architects are readily available to provide services to conduct site planning for the initial conceptual planning stages of a project, as well as the landscape, hardscape, site amenity and irrigation plans.

Craven Thompson has designed many projects within the tri-county area, including complete streets, streetscape, parks, median beautification, traffic calming, and irrigation design. Aesthetic features, such as street lights, trees, berming, shrubs and other landscaping can contribute to the unique character of a street and assist in mitigating resident concerns with regards to traffic, noise, and security concerns.



Within the past five years, Craven Thompson has completed two complete streets projects in Oakland Park (NE 34th Court & NE 38th Street) the Miramar Historical Area Complete Streets Project – Phase I, and are currently working on the Kimberly Boulevard Complete Streets Project in the City of North Lauderdale. Recently, we also developed the Bicycle/Pedestrian Greenways & Trails Master Plan for the City of Sunrise. We have also finished a number of streetscape and traffic calming projects including: NE 5th Avenue Streetscape & Reconstruction; 6th Avenue South Streetscape;

SECTION 5: PROFILE OF CONSULTANT

North Miami Roadway Intersection Traffic Calming (3 intersections); the Floranda Road Traffic Calming Project; and the NE 14th Avenue Streetscape Project.

Craven Thompson median beautification projects include: Oakland Park Boulevard Median Beautification; Powerline Road Median Enhancements; and we are working on the Miramar Parkway & Miramar Boulevard Median Enhancements. Our experience also includes the Miami Springs Citywide ADA Ramp Improvements, and the Hallandale Beach CDBG Sidewalk Improvements Project. Our experience includes many additional roadway and landscape architectural projects over the past five (5) years.



Craven Thompson designed approximately seventy (70) miles of Greenways in Broward County. These included the C-14 Canal/Cypress Creek Greenway, New River/SR 84 Greenway, Flamingo Road Trail, Dixie Highway/FEC Trail and Griffin/Orange Drive Greenway. Many of our other projects include master plans, design, permitting and construction services for streetscapes, median landscaping and hardscape, right-of-way enhancements, active and passive parks, recreational amenities for upscale residential projects, landscape and hardscape for libraries, community centers, fire stations, city halls, and urban redevelopment throughout South Florida.

Craven Thompson's active park design, permitting, and construction experience involves preparing design documents that include sports fields, path systems, exercise trails, vehicular circulation, stormwater detention, play areas, visitor facilities and interpretive signage. Our passive park projects incorporate elements, including a number of nature trails, picnic areas, and gathering spaces that take advantage of existing natural features. Passive parks can also act as social spaces for people to interact. The maintaining of natural green space is not only environmentally important, but moreover, is much less costly from a maintenance perspective. Recently completed or current park projects include:

- 12th Street Park, Sunrise
- Bluesten Park, Hallandale Beach
- Cypress Preserve Park, Sunrise
- Flamingo Park, Sunrise
- Golden Isles Tennis Center, Hallandale Beach
- Jaco Pastorius Park, Oakland Park
- Monarch Lakes Park, Miramar
- Nob Hill Soccer Park, Sunrise
- Oak Hammock Park, Sunrise
- Oscar Wind Park, Sunrise
- Pine Island Road & NW 50th Street Athletic Complex, Sunrise
- Urban Art Park, Oakland Park



SECTION 5: PROFILE OF CONSULTANT



Our landscape architects create master plans, designs for public facilities such as libraries, community centers, city halls and other municipal facilities that promote the building architecture and emphasize the character of the surrounding neighborhood. We consider that a building is not an invasion of the landscape, but a vital extension of it. Where a building rests on the land, and how it rests on the land, sets the context for its evolving construction, development, and use. We have designed a number of right-of-way landscaping and traffic calming projects in the South Florida area. Aesthetic features, such as streetlights, trees, berming, shrubs and other landscaping, can contribute to the unique character of a street and assist in mitigating resident concerns with regards to traffic, noise, and security concerns.

Craven Thompson is proposing a highly qualified team of professionals and technicians to provide: Civil Engineering; Architectural and Building Services; Utilities Engineering; Construction Inspection Services; Transportation Planning and Engineering; Land and Route Surveying; Landscape Architecture; and General Consulting Engineering Services to the City and the Community Redevelopment Agency.

➤ Civil Engineering Services

At Craven Thompson we offer a wide range of civil engineering capabilities that are coordinated with our planners, surveyors, landscape architects and G.I.S. specialists, to provide a total coordinated project from site evaluation to a completion. We take pride in our ability as "problem solvers". This includes preparing studies, plans, calculations, and specifications, permitting, conducting the necessary public meetings and hearings, bidding projects, coordination with affected private property owners for the construction of the project, inspecting the construction, performing contract administration for the construction, and final certification of the project.



Roadway ▪ Stormwater ▪ Sanitary ▪ Water ▪ Neighborhood Improvements

Craven Thompson has designed numerous projects which have included water distribution, wastewater collection and transmission, complex lift stations, storm drainage, roadway/right-of-way design for infrastructure revitalization projects. Designs have included roads, sidewalks, water quality BMPs, storm drainage, stormwater quality improvements, and stormwater management, ADA improvements, water distribution systems, lift & pump stations, sanitary lift stations, sanitary collection systems, and force main.

SECTION 5: PROFILE OF CONSULTANT

We have extensive experience, knowledge and insight in the public outreach, design, permitting, bidding and construction services of major infrastructure projects. Our experience includes hundreds of miles of right-of-way infrastructure rehabilitation for public entities.

Neighborhood Infrastructure Improvements

Craven Thompson has acted as the prime consultant on all of our neighborhood improvement projects. Many of our large neighborhood projects have included extensive lengths of roadway and right-of-way reconstruction.

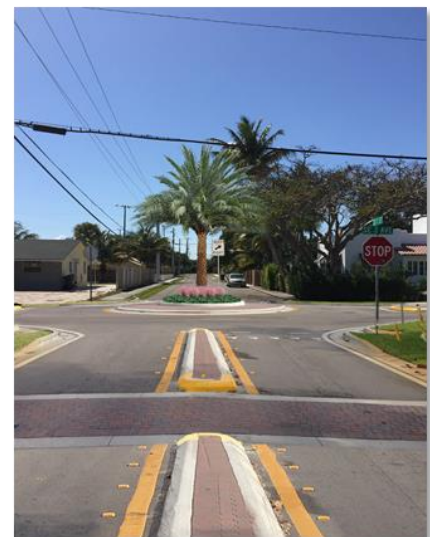
- Miami Gardens Livable Neighborhoods Improvement Project
- North County Neighborhood Improvement Project, Northeast Quadrant, Bid Package 9
- North County Neighborhood Improvement Project, Northeast Quadrant, Bid Package 10
- North County Neighborhood Improvement Project, Northeast Quadrant, Bid Package 11
- North County Neighborhood Improvement Project, Northwest Quadrant
- South County Neighborhood Improvement Project
- Garden Acres Neighborhood Improvement Project



Street ▪ Roadway

Craven Thompson is working on or has completed the design and permitting of a significant number of roadway projects including but not limited to:

- 6th Avenue South Roadway and Streetscape Improvements, Lake Worth Beach
- Davie CRA Parking Areas
- Floranada Avenue Traffic Calming Improvements, Oakland Park
- Kimberly Boulevard Complete Streets Project
- Miramar Historic Area Complete Streets - Phase II, Miramar
- NE 5th Avenue Streetscape, Oakland Park
- NE 14th Avenue Streetscape, Hallandale Beach
- NE 34th Court Complete Streets, Oakland Park
- NE 38th Street Complete Streets, Oakland Park
- NW 21st Avenue, Broward County
- NW 38th Street Improvements, Oakland Park
- Oakes Road Extension, Davie
- Roadway improvements involving: North M Street, North K Street, North F Street, North J Street, 11th Avenue North, and 15th Avenue North, Lake Worth
- SW 36th Street, Davie
- SW 41st Place, Davie



SECTION 5: PROFILE OF CONSULTANT

These roadways included utilities such as sanitary and water, and drainage improvements. In addition, we surveyed, designed, permitted and provided CEI services for hundreds of miles of reconstructed roadway in our infrastructure rehabilitation projects.

In addition, we have recently completed many roadway milling & re-surfacing projects such as:

- Country Club Drive, Aventura
- Frontage Road along NE 203rd St., Aventura
- NE 27th Court, Aventura
- NE 29th Court, Aventura
- NE 31st Avenue, Aventura
- NE 185th Street, Aventura
- NE 188th Street, Aventura
- NE 201st Terrace, Aventura
- NE 207th Street, Aventura
- NW 191st Street, Aventura

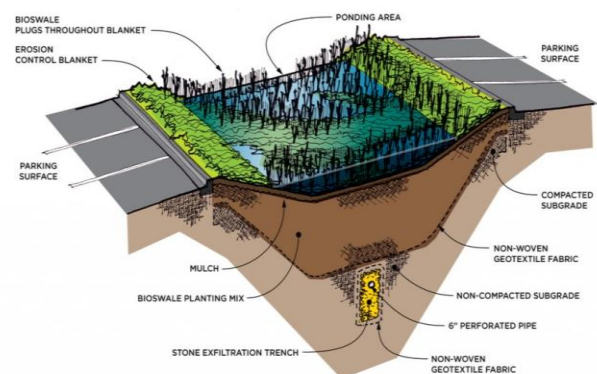


Craven Thompson is currently managing the undergrounding (hardening) of utilities for the City of Sunny Isles Beach in the Golden Shores Neighborhood.

Stormwater ▪ Storm Sewer ▪ Drainage

Craven Thompson has prepared master plans, conceptual permits, and studies for stormwater/drainage improvements. We have designed, permitted, bid and managed the construction of thousands of acres of stormwater infrastructure improvements. Craven Thompson understands the importance of flood protection, as standing water promotes unhealthy conditions and inhibits essential services from accessing the area.

Craven Thompson has prepared comprehensive stormwater management plans for the Cities of Aventura, North Lauderdale, North Miami Beach, Hallandale Beach, Sunrise, Miami Gardens, Greenacres, and portions of Miramar and Fort Lauderdale. In addition, we are the district drainage engineers for Tindall Hammock Irrigation and Soil Conservation District (THISCD), and the Central Broward Water Control District (CBWCD) providing planning, capital improvements costs, design and construction administration services which resolved flooding, water quality, sustainability, and environmental concerns for the districts. Craven Thompson has performed major and minor stormwater basin studies and has implemented recommendations of those studies through design, permitting, & CEI services on basin-wide improvements. Our stormwater master planning projects include computer modeling using Streamline Technologies ICPR Software as well as PCSWMM, the commercial version of US EPA



SECTION 5: PROFILE OF CONSULTANT



SWMM5 Software. Craven Thompson has used the ICPR for the past twenty-five (25) years, and utilizes the latest update, V4.

We have designed and permitted over 400,000 linear feet of storm sewer and exfiltration trench. These designs have included sustainable practices such as the design of bio-swales, exfiltration trench, tidal backflow devices, STORMCEPTORS, and wetland/retention preserve areas. We are currently designing the Historic Miramar Areawide Drainage Improvements, Phase IV; the Durrs and River Oaks Neighborhood Drainage Improvement Project in Fort Lauderdale; and we have recently completed the Park East Drainage Improvements; Historic District Drainage Improvements; Plantation Isles Drainage Improvements; Royal Palm Estates Drainage Improvements; El Dorado Estates Drainage Improvements; and the Plantation Golf Estates Drainage Improvements in the City of Plantation. We are currently preparing the stormwater master plan for the Hollywood Reservation for the Seminole Tribe of Florida.

Craven Thompson has recently created the Western C-11 Basin Study for the CBWCD (15,952 acres), along with the East C-11 Facilities Report (approximately 13,500 acres). These projects included development of scheduled improvements to be implemented over a number of fiscal years to mitigate flooding conditions. We completed as Prime with our sub-consultant, Hazen and Sawyer, on the Comprehensive Stormwater Master Plan for Aventura; and as a Subconsultant to Hazen and Sawyer (the Prime) we are preparing design improvements for the City of Fort Lauderdale Durrs & River Oaks Neighborhood Storm Water Improvement Implementation Project.

In summary, a sample of our recent drainage design projects include:

- Durrs Neighborhood Stormwater Improvements, Fort Lauderdale
- El Dorado Neighborhood Drainage Improvements, Plantation
- Hallandale Beach CDBG Swale, Sidewalk, and Drainage Improvements
- Historic Miramar Infrastructure Improvements – Phase IV, Miramar
- Miami Gardens Livable Neighborhood Improvements, Miami Gardens
- N-17 Culvert Replacement, Davie
- N-29A Canal Connector Project, Davie
- NE 191st Street Drainage Improvements, Aventura
- Original Section Drainage Improvements, Phases 1 – 4, Greenacres
- Park East Neighborhood Drainage Improvements, Plantation
- Plantation Isles Neighborhood Drainage Improvements, Plantation
- Ramblewood Drainage Improvements, Greenacres
- River Oaks Neighborhood Stormwater Improvements, Fort Lauderdale
- Royal Palm Estates Neighborhood Drainage Improvements, Plantation
- SFWMD C-17 Outfall Replacement, Lake Park

SECTION 5: PROFILE OF CONSULTANT

➤ Construction Engineering Inspection Services

Over their time with Craven Thompson, the key personnel designated this contract have provided CEI services on a significant number of roads, water & sewer, neighborhood, stormwater/drainage and general civil improvements.

A sample of the general roadway projects include:

- Davie Road, Phase 1, Davie
- Fleming Avenue, Greenacres
- McIntosh Road, Port Everglades
- NE 29th Place, Aventura
- NW 21st Avenue, Broward County
- NW 38th Street, Oakland Park
- NW 125th Street, North Miami
- Pine Island Road, Broward County
- Sistrunk Boulevard, Fort Lauderdale
- Spangler Boulevard, Port Everglades
- Sunrise Boulevard, Broward County
- SW 36th Street, Davie
- SW 41st Place, Davie



Many of the roadway projects Craven Thompson has been involved with included Local Agency Program (LAP) coordination with FDOT during both design and construction services.

Other roadway projects where CEI personnel have provided services includes:

- Floranada Road Traffic Calming Improvements
- Hiatus and 26th Street Roundabout project
- Miramar Historical Area Complete Streets, Ph. 2
- NE 5th Avenue Streetscape, Drainage Roadway Reconstruction Project
- NE 14th Avenue Streetscape Project
- NE 34th Court Complete Streets Project
- SW 136th and SW 14th Street Roundabout Project

Each of these projects involved traffic calming elements, as well as sidewalks, drainage, pavement marking & signage, landscaping & irrigation, and ADA considerations.



Craven Thompson has performed CEI services for hundreds of miles of roadway and drainage improvements on neighborhood projects including:

- Central County Neighborhood Improvement Project
- Miami Gardens Livable Neighborhood Improvements - Vista Verde
- North Central County Neighborhood Improvement Project

SECTION 5: PROFILE OF CONSULTANT

- North County Neighborhood Improvement Project, NE and NW Quadrants
- Oakland Park Garden Acres Neighborhood Improvements
- South County Neighborhood Improvement Project

The Sistrunk Boulevard Streetscape and Enhancement Project is another example of Craven Thompson's experience with CEI services on roadway projects. We represented the City of Fort Lauderdale as the Resident Project Representative. While the design of this project was managed by the City's Community Redevelopment Agency (CRA), the construction portion was administered by the City of Fort Lauderdale's Public Works Department. Primary funding for construction was provided by the Fort Lauderdale CRA. The project area encompasses two and one half (2.5) miles of Sistrunk Boulevard (NE/NW 6th Street), from Federal Highway to NW 24th Avenue, and included streetscape and infrastructure improvements which consisted of



landscaped medians, paver sidewalks, decorative street lighting, traffic signal mast arm installations, undergrounding of overhead utilities, drainage improvements, new water mains and the relocation of various sanitary sewer lines. Work included on-site resolution of construction conflicts and design changes, construction inspection services for quality control and project certification, coordination with FPL, AT&T and Comcast for utility conversions from overhead to underground, close coordination with existing businesses during construction, public relations to keep all parties informed of the ongoing improvements, maintenance of traffic coordination to ensure continuous access to all affected properties, monthly Pay Application reviews, Change Order reviews and various other construction management duties.

Craven Thompson's construction personnel have provided CEI on a large number of water and sewer projects over the past five years. This includes but is not limited to:

- Broward County Septic Tank Replacement Program
- Chatham Hills Watermain Replacement
- Davie Eastside Infrastructure Improvements
- Lake Worth 2" Watermain Replacement, Phases 2-6
- Lake Worth Sanitary Sewer Lining
- Lake Worth Sanitary Sewer Replacement
- Lift Stations: W-14, A-6, A-13, 50B1, 224
- Plantation Gardens Phase IIB Watermain
- Plantation Historical Area Watermain
- UAZ 108, & UAZ 310, Broward County
- 10th Avenue North Sanitary Sewer



Our construction services department is providing or has provided CEI services for the following drainage projects:

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- El Dorado Neighborhood Drainage Improvements, Plantation
- Hallandale Beach CDBG Swale, Sidewalk, and Drainage Improvements
- Miami Gardens Livable Neighborhood Improvements
- N-17 Culvert Replacement, Davie
- N-29A Canal Connector Project, Davie
- NE 191st Street Drainage Improvements, Aventura
- Original Section Drainage Improvements, Phases 1 – 4, Greenacres
- Park East Neighborhood Drainage Improvements, Plantation
- Plantation Isles Neighborhood Drainage Improvements, Plantation
- Ramblewood Drainage Improvements, Greenacres
- Royal Palm Estates Neighborhood Drainage Improvements, Plantation
- SFWMD C-17 Outfall Replacement, Lake Park

Water & Wastewater

The primary strength of our firm is in water and sanitary sewer design, permitting, and CEI services. Craven Thompson has completed numerous sections of the Utility Zone Analysis (UAZ) Program (including both water – including rear to front of lot service conversions) and sanitary sewer/septic tank elimination), numerous Neighborhood Improvement projects (including watermain services from rear to front, and septic tank conversion), City of Lake Worth Beach Watermain Replacement, City of Plantation Watermain Replacement, City of Oakland Park Watermain and Sanitary Replacement, City of Hollywood Watermain Replacement and Septic Tank Conversion, and numerous Broward County Water & Wastewater Services Septic Tank Elimination projects. Within the past ten years, Craven Thompson has surveyed, designed, permitted, bid and managed the construction of hundreds of thousands of feet of watermain, and sanitary infrastructure projects.

We not only designed, permitted, bid and provided construction services for over one million feet of watermain distribution piping and over seven hundred thousand feet of sanitary gravity piping, but have provided accurate estimating of construction costs which is a critical aspect in appropriating proper funding for these projects. We have estimated, on average, construction costs to within 6% of the actual Bid Cost.

The following table demonstrates our extensive experience within the past ten years in the potable water & sanitary design discipline:

Governmental Entity	Watermain (Linear Feet)	Sanitary (Linear Feet)	Forcemain (Linear Feet)	ROW Rest. (Linear Feet)	Water Services (Each)	Septic Tank Conversion (Each)
Broward County	400,000	300,000	45,000	700,000	5,000	4,141
Boca Raton	60,000	0	0	60,000	800	0
Davie	28,000	12,750	3,000	29,800	260	273
Hollywood	246,000	238,000	19,000	123,000	1,500	4,216
Oakland Park	49,000	7,000	7,000	41,200	800	0
Lake Worth Beach	20,000	0	0	14,300	510	0
North Miami Beach	14,500	0	0	4,600	170	0
Plantation	51,000	0	0	43,500	520	0
TOTAL	868,500	557,750	74,000	1,016,400	9,560	8,630

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We have also designed over forty-five (45) lift stations over the past ten years. These include such stations as; Lift Stations: W-14, A-6, E-02, A-07, A-13, A-15 and A-16 for the City of Hollywood; Lift Stations: 50B1, 50C, 50C1, 224, 226, 24E1, 22, 30E, 30T, 30U and 50K2 for Broward County Water and Wastewater Services; and Lift Stations: A2, C1, 5 & 8 for the City of Oakland Park.

➤ Surveying Services

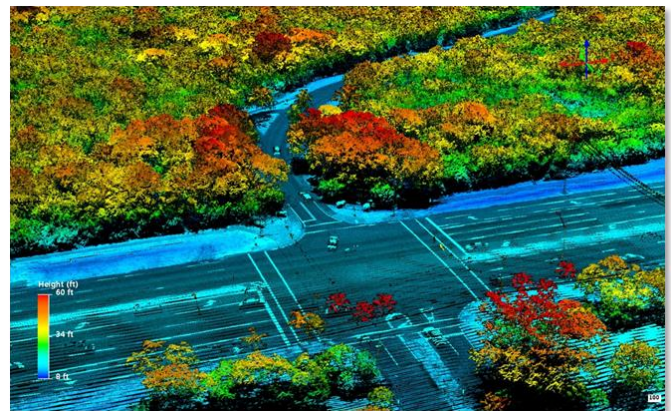
The Craven Thompson Surveying & GIS Department has four (4) professional surveyors and mappers, four (4) survey technicians and six (6) field crews. Providing surveying services has been, and continues to be, an important portion of our business since 1962.

Craven Thompson provided surveying services for:

- The Northlake outfall into the SFWMD Canal for the Town of Lake Park,
- Surveying all of City of Hollywood's tidal drainage structures,
- Hydrographic survey for City of Greenacres,
- Hydrographic surveys for Port Everglades, Broward County, the Central Broward Water Control District, and the Tindall Hammock Irrigation and Soil Conservation District.

Craven Thompson has provided surveying services on a significant number of roadway projects including:

- Electronics Way, West Palm Beach
- Filmore Street, Hollywood
- Fleming Avenue, Greenacres
- Miramar Historic Area Complete Streets Ph. II
- Miramar Parkway (BCHCED)
- NE 14th Avenue Streetscape, Hallandale Beach
- North Riverside Drive, Pompano Beach
- NW 21st Avenue, Broward County
- NW 125th Street Improvements, North Miami
- NE 29th Place, Aventura
- NE 34th Court, Oakland Park
- NE 38th Street Complete Streets, Oakland Park
- Pine Island Road (BCHCED)
- Spangler Boulevard, Port Everglades
- State Road 7, Broward County
- Sunrise Boulevard (BCHCED)
- SW 36th Street, Davie
- 7th Street, West Palm Beach

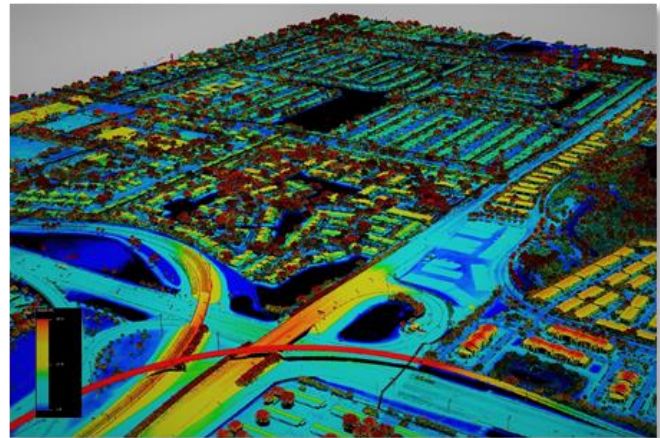


SECTION 5: PROFILE OF CONSULTANT

Other roadway projects where Craven Thompson key personnel have provided surveying services includes:

- Floranada Road Traffic Calming Improvement Project, Oakland Park;
- Kimberly Boulevard Complete Streets Project.
- NE 5th Avenue Streetscape and Roadway Reconstruction Project; Oakland Park
- North Miami Intersection Traffic Calming.

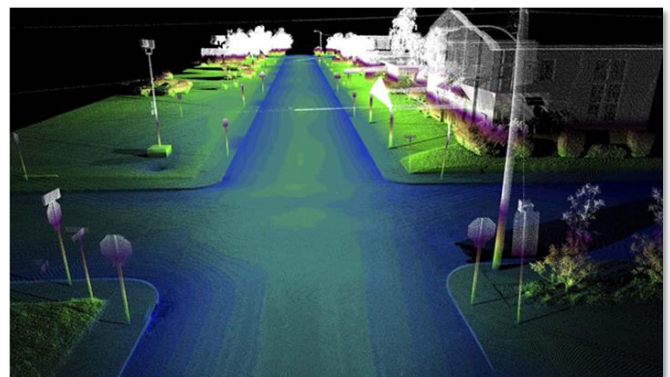
In addition, these Craven Thompson personnel have undertaken surveying services for roadway milling & re-surfacing projects. These projects involved the milling of existing asphalt, adjustment of existing utilities, the preservation/replacement of existing curb & gutter, protection of existing trees, the addition of landscaping, and the restoration of right-of-way:



- Country Club Drive Milling & Resurfacing, Aventura
- Frontage Road along NE 203rd Street Milling Resurfacing, Aventura
- NE 27th Court, Aventura
- NE 29th Court; NE 201st Terrace, Aventura
- NE 31st Avenue Milling & Resurfacing, Aventura,
- NE 185th Street, Aventura
- NE 188th Street, Aventura
- NE 207th Street Milling & Resurfacing, Aventura
- NW 191st Street Milling & Resurfacing, Aventura
- 191st Street Milling & Resurfacing, Miami Gardens

These Craven Thompson team members have performed surveying services for hundreds of miles of roadway on neighborhood projects including:

- Central County Neighborhood Improvement Project
- Miami Gardens Livable Neighborhood Improvements – Vista Verde
- North Central County Neighborhood Improvement Project
- North County Neighborhood Improvement Project, NE and NW Quadrants
- Oakland Park Garden Acres Neighborhood Improvements
- South County Neighborhood Improvement Project



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Craven Thompson (working with their sub-consultants) developed mobile LiDAR to create surveying level topography and digital elevation/terrain models many of our roadway and neighborhood projects.

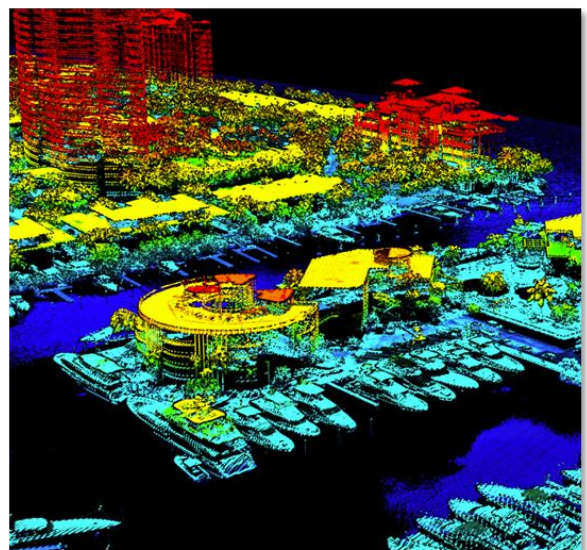
Additional recent Craven Thompson surveying projects includes:

- Bluesten Park Survey, Hallandale Beach
- Broward County Convention Center Boundary Survey
- Central Broward Water Control District Canal Cross-Sections
- Greenacres 10th Avenue North Intersection and Sanitary Sewer Survey
- Greenacres Original Section Survey
- Greenacres Hydrographic Survey
- Hallandale Beach City-Wide Survey
- Kimberly Boulevard Complete Streets Survey
- Kingfisher Canal Outfall Treatment Structure Survey
- Lake Park SFWMD C-17 Canal Outfall Survey
- Lake Worth 2" Watermain Replacement Program Phase 2 Survey
- Lake Worth 2020 Master Plan Year 1 Improvements Survey
- Lauderdale Lakes Canal Cross-Sections
- Margate Canal Survey
- Margate Sports Park Survey
- Plantation Watermain Rehabilitation Route Survey
- Port Everglades Sketch and Legal Descriptions

➤ Geographic Information Systems (G.I.S.)

Craven Thompson's survey staff has over twenty (20) years of GIS experience. We currently run the latest version of ESRI's ArcGIS software and have been involved with multiple municipalities in development of GIS databases and mapping projects.

Some examples include the North Miami Service Area Water and Sewer GIS Project, the North Miami Beach Stormwater Data Collection Project, the City of Fort Lauderdale Stormwater Master Plan - GIS and Survey, the City of Fort Lauderdale Sanitary Sewer System G.I.S. Data Collection Project, the City of Sunrise on their Fire Hydrant Maintenance Program, and the City of Oakland Park on their Commercial Storm water assessment database. We have also created a complete Utility Atlas in ArcGIS for Port Everglades Authority converting all of the CAD based systems into ArcGIS geo-database with hyperlinks to the CAD files and As-built PDF files for Water, Storm, Sanitary, Communications, Electric, and Fuel lines. As a follow-up to this project, we completed a comprehensive survey of all of their drainage system within the Port including all the connecting pipes,



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outfalls, manholes, catch basins and culverts to be added in the GIS database. We have capitalized on our Surveying & Remote Sensing experience to utilize LIDAR and Laser scanning inside the ArcGIS platform for Drainage Studies and Modeling.

We have also completed an ArcGIS geo-database and mapping project for the Broward County Department of Natural Resources Regional Reuse Water Master Plan. This project involved all municipalities within Broward County mapping the Existing, Planned, and Proposed Reuse water lines and the Existing and Potential Reuse Water Parcels Owners. We performed the GIS work for this project as a subcontractor to Hazen & Sawyer and created a detailed and comprehensive geo-database of the reuse lines and parcels and their connectivity with all of the Wastewater Treatment Plants in Broward. The geo-database also included other GIS layers that have potential projects for reuse water line placement; these projects include roadway, sidewalks, greenways and bicycle paths acquired from FDOT, MOP, and SFWMD. We also created a management tool for all of the Utility partners inside of Google Earth to make the GIS data accessible to non-GIS staff and managers.

Our Vice President of Survey & GIS, Richard D. Pryce, P.S.M., has thirty (30) years of GIS experience with ESRI software and has managed several large GIS projects including: 45,000 acre Biscayne Bay Wetlands project for SFWMD in 2003 - 2004, creating and mapping over 70,000 parcels for the Broward County Property Appraisers Office 1996 - 2005, and was the Survey & GIS Project Manager on a 900 Mile GIS/GPS survey and mapping of the Class 3 & 4 Natural Gas Pipelines going through 41 Florida Counties for Florida Gas Transmission in 1999 - 2000 to meet their National Pipeline Safety requirements.

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SUB-CONSULTANTS

Electrical Design Associates - Lighting & Electrical Engineering (Power Source & Roadway Lighting)

Contact Information:

Ms. Lillian Reyes, P.E., President
Electrical Design Associates, Inc.
8401 Lake Worth Road, Suite 221
Lake Worth, Florida 33467
Phone: (561) 819-5556
Email: lreyes@goeda.com



Company Overview: Electrical Design Associates, Inc. (EDA) is a small sized consulting engineering firm specializing in electrical, instrumentation, power source design, and roadway lighting design incorporated in September 1998. EDA provides consulting engineering services to both the public and private sectors. EDA is a Certified Minority/ Women Business Enterprise with offices in Palm Beach, Hillsborough and Orange Counties. Their present staff includes registered engineers, graduate engineers, instrumentation designers, CADD technicians, and one field superintendent. EDA's staff experience includes municipal lighting projects, roadway lighting improvements, including recreational facilities, active and passive facilities throughout the State for several municipalities including but not limited to the City of Deerfield 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. EDA is staffed to provide electrical and instrumentation engineering services from inception through design, bid, and construction completion.

InfraMap Corp. - Subsurface Utility Locates

Contact Information:

Mr. Andres M. Garcia, Senior Utility Location Manager
InfraMap Corp.
1860 Old Okeechobee Road, Suite 201
West Palm Beach, Florida 33409
Phone: (561) 586-0790
Email: agarcia@inframap.net



Company Overview: InfraMap Corp uses their technologies to provide accurate utility infrastructure information to enhance constructability and control costs for the client. They expect and intend that their services will provide a substantial net savings to the client over and above our fee. They are experts in mapping all types of utility infrastructure including buried utility systems, storm water and sanitary systems, tunnels, and foundations, as well as aerial and above ground systems. InfraMap also produces detailed dimensional drawings of the interior and exterior of underground vaults and structures, and performs air vacuum excavation test pits. Projects are performed with an eye on identifying possible conflicts between existing utilities and proposed construction. InfraMap is sensitive to the fact that utility records may be misleading and incomplete; therefore, investigations are performed on every project with the goal of detecting undocumented utilities. Their professional engineers and surveyors are involved in the scoping, performance and final review of each project, ensuring the appropriate data is provided.

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Tierra South Florida, Inc. - Geotechnical Engineering & Testing

Contact Information:

Mr. Raj Krishnasamy, P.E., President
Tierra South Florida, Inc.
2765 Vista Parkway, Suite 10
West Palm Beach, Florida 33411
Phone: (561) 687-8536
Email: rajtsfgeo.com



Company Overview: Tierra South Florida, Inc. has offices in Palm Beach, in Orange, Broward and Miami-Dade Counties. They have forty-nine (49) employees, who are professional registered geotechnical, construction inspection and threshold inspectors, drillers, field and laboratory technicians, and support personnel. Each year Tierra completes approximately 350+ projects throughout Florida. These projects range from large, multiple-year duration projects to small, short term projects. Approximately 70% of these projects are for public agencies both public and private. Their collective project experience is broad based covering: buildings, highways, bridges, utilities, ground improvement projects, water supply projects, landfills, slope stabilities analyses, and distressed structure/foundation studies.

Masuen Consulting, LLC - Irrigation Design

Contact Information:

Ms. Michele Masuen, Owner
Masuen Consulting, LLC
642 Yates Road
Newport, Washington 99156
Phone: (866) 928-1533, Extension 114
Email: michele@masuenconsulting.com



Company Overview: Masuen Consulting, LLC (Masuen) is an *Outdoor Water Management and Sustainability Consulting* firm comprised of landscape architects, horticulturalists, agronomists, agricultural engineers, water resource engineers, environmental engineers, irrigation designers, landscape designers, site planners, and construction/project managers. The firm is dedicated to providing clients with services focused on water conservation, resource & cost sustainability, operational efficiencies, regulatory compliance, and exemplary service. Everything Masuen delivers is the result of a critical thinking, 'out of the box', oriented mindset guided by a senior management team with over eighty-five (85) years of combined experience in the landscape, golf, government, and agricultural industries.

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Traf Tech Engineering - Traffic Engineering

Contact Information:

Mr. Joaquin E. Vargar, P.E., PTOE
Traf Tech Engineering, Inc.
8400 N. University Drive, Suite 309
Tamarac, Florida 33321
Phone: (954) 582-0988
Email: joaquin@traftech.biz

Traf Tech
ENGINEERING, INC.

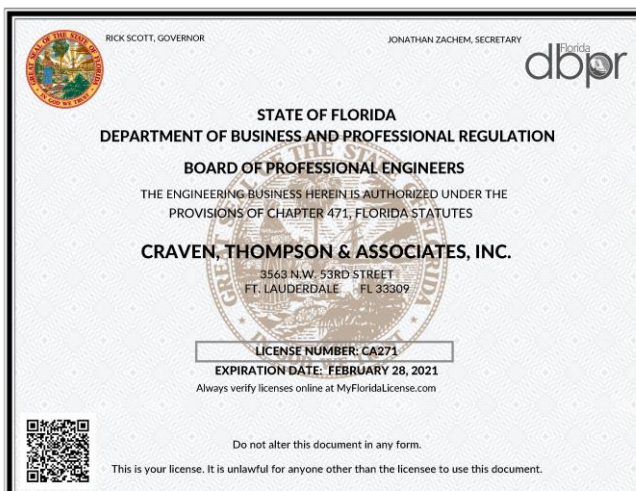
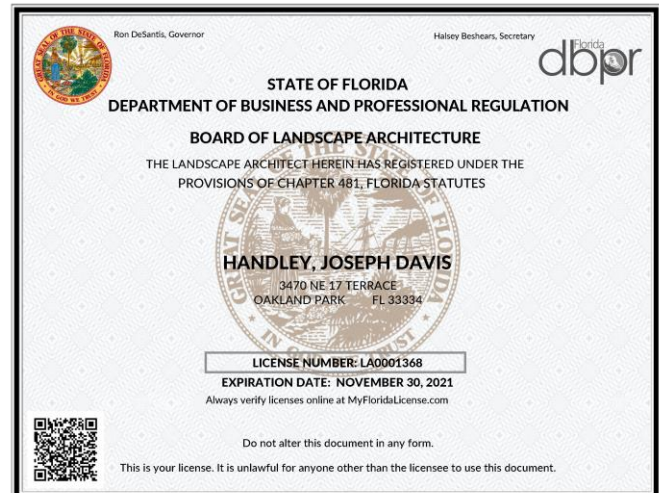
Company Overview: Traf Tech Engineering, Inc. is an engineering consulting firm specializing in traffic engineering, parking studies, traffic impact studies, traffic calming, pedestrian studies, access evaluation, traffic circulation patterns, traffic concurrency, Development of Regional Impacts (DRI), and signal warrant studies. The firm has provided the following traffic engineering services to 10 South Florida Municipalities in the past four years:

- ✓ Review traffic studies on behalf of municipalities
- ✓ Review site plans (access, parking layout, internal site circulation)
- ✓ Review Development of Regional Impacts on behalf of municipalities
- ✓ Signal warrant studies
- ✓ Pedestrian management studies
- ✓ Parking studies
- ✓ Safety studies
- ✓ Traffic concurrency
- ✓ Intersection studies (determined improvement needs to improve traffic flow and safety)
- ✓ Arterial studies

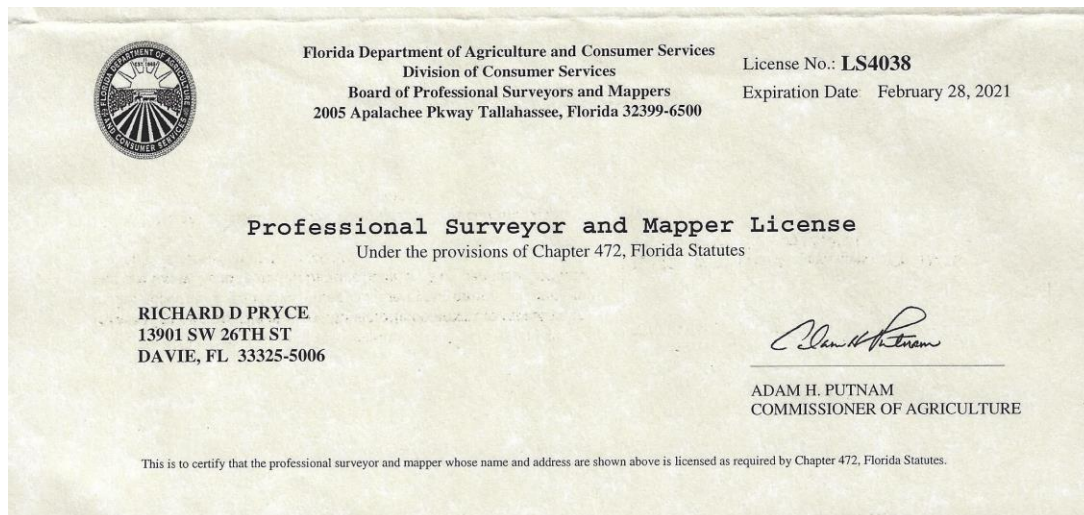
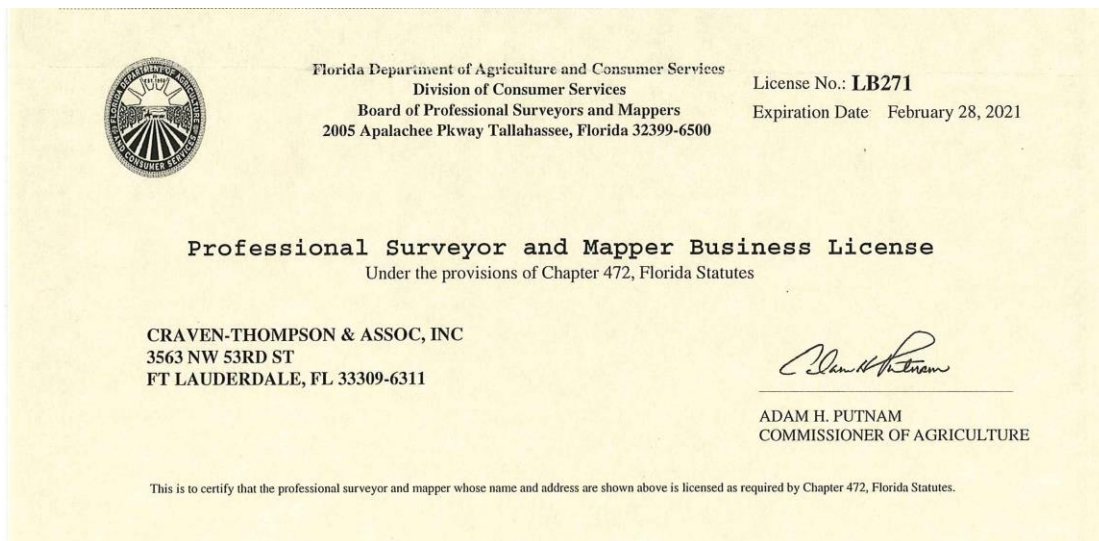
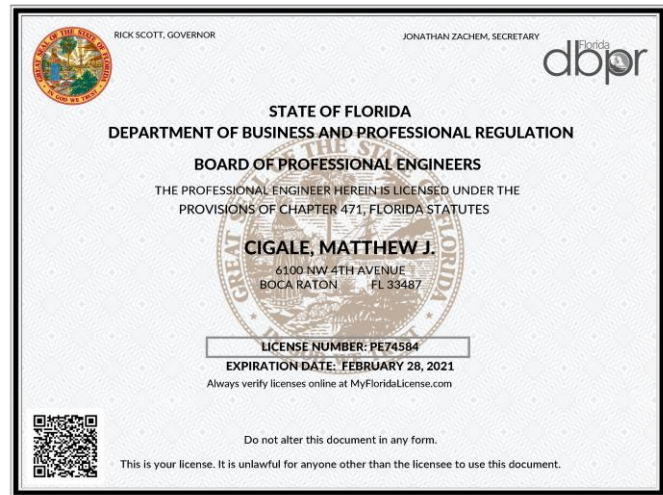
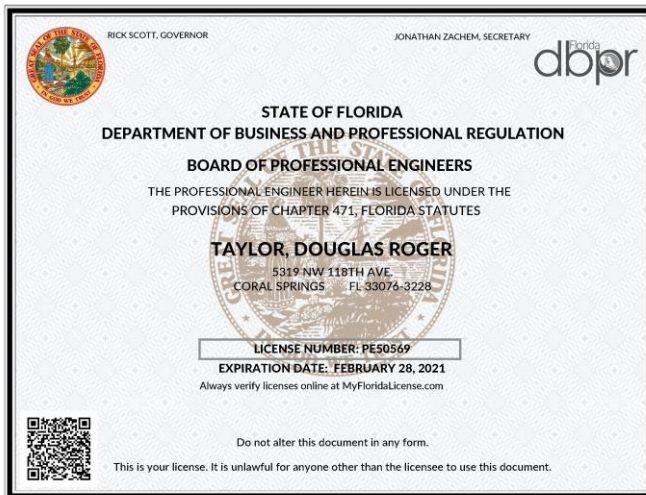
SECTION 5: PROFILE OF CONSULTANT

PROFESSIONAL LICENSES / CORPORATE CHARTERS / INSURANCE / CERTIFICATIONS

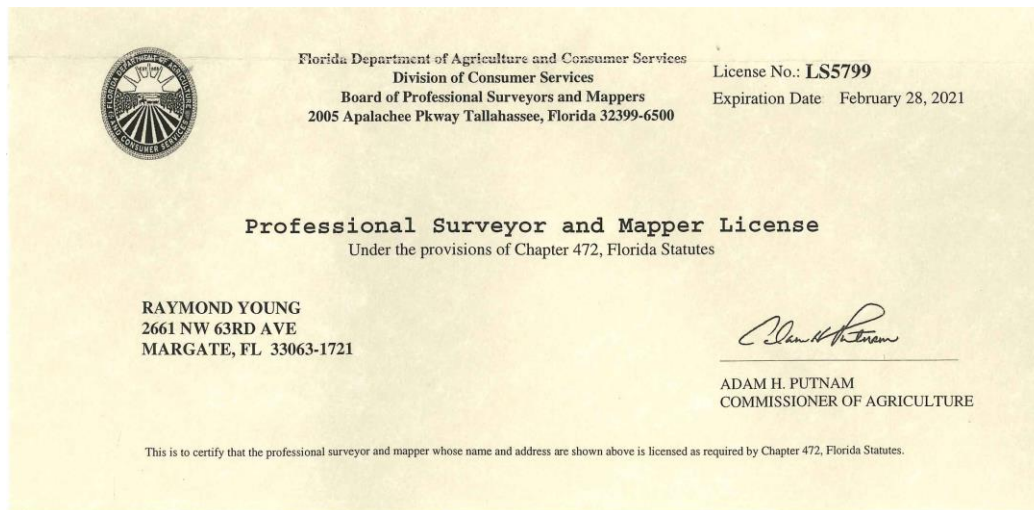
CRAVEN THOMPSON & ASSOCIATES, INC.



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State of Florida
Department of State


I certify from the records of this office that CRAVEN, THOMPSON & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 1, 1962.

The document number of this corporation is 254407.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 13, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Thirteenth day of January, 2020


Randy Lee
Secretary of State

Tracking Number: 6837198390CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

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CERTIFICATE OF LIABILITY INSURANCE

CRAVTHO-01

ANERVI

DATE (MM/DD/YYYY)
3/23/2020

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.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or 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).

PRODUCER Corporate Insurance Advisors, LLC 1401 E. Broward Blvd. Suite 103 Fort Lauderdale, FL 33301		CONTACT NAME: PHONE (A/C, No, Ext): (954) 315-5000 FAX (A/C, No): (954) 315-5050 E-MAIL: service@ciafl.net ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Hartford Casualty Insurance Company	
		INSURER B: Hartford Property & Casualty	
		INSURER C: Hartford Ins Co of the Southea	
		INSURER D: Continental Casualty Co.	
		INSURER E:	
		INSURER F:	

COVERAGES		CERTIFICATE NUMBER:		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 INSD	SUBR 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"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO JECT <input type="checkbox"/> LOC OTHER:			21UUNZP1507	12/1/2019	12/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			21UENHF3705	12/1/2019	12/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ EACH OCCURRENCE \$ AGGREGATE \$
C	<input checked="" type="checkbox"/> 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	21WBAC2DHE	1/1/2020	1/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional Liab			AEH591918336	3/30/2020	3/30/2021	See Remarks

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Professional Liability including Pollution Liability Liability
 \$3,000,000 Each Claim/\$4,000,000 Aggregate/\$35,000 Deductible

CERTIFICATE HOLDER For Proposals Purposes Only	CANCELLATION 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
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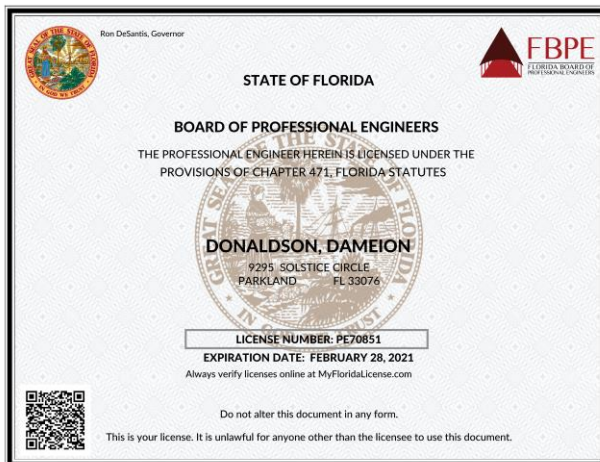
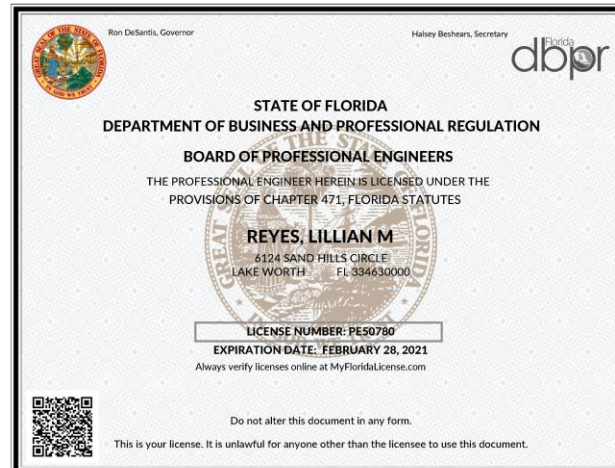
ACORD 25 (2016/03)

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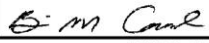
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SECTION 5: PROFILE OF CONSULTANT

ELECTRICAL DESIGN ASSOCIATES, INC.



SECTION 5: PROFILE OF CONSULTANT

Client#: 1050010		ELECTDES3	
ACORD™		CERTIFICATE OF LIABILITY INSURANCE	
		DATE (MM/DD/YYYY) 8/18/2020	
<p>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.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or 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 any rights to the certificate holder in lieu of such endorsement(s).</p>			
PRODUCER USI Insurance Services LLC 2502 N Rocky Point Dr. Suite 400 Tampa, FL 33607 855 874-1270		CONTACT NAME: Sam Gordon PHONE (A/C, No, Ext): 855 874-1270 FAX (A/C, No): E-MAIL ADDRESS: selectcommercial@usi.com	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A : Old Dominion Insurance Co	
		INSURER B : The Travelers Casualty and Surety	
		INSURER C :	
		INSURER D :	
		INSURER E :	
		INSURER F :	
INSURED Electrical Design Associates, Inc. 8401 Lake Worth Road, Suite 221 Lake Worth, FL 33467		NAIC # 40231 19038	
COVERAGES		CERTIFICATE NUMBER:	
		REVISION NUMBER:	
<p>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.</p>			
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:		
		POLICY NUMBER	
		POLICY EFF (MM/DD/YYYY)	
		POLICY EXP (MM/DD/YYYY)	
		LIMITS	
		BPG8082A	
		08/11/2020	
		08/11/2021	
		EACH OCCURRENCE \$1,000,000	
		DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000	
		MED EXP (Any one person) \$10,000	
		PERSONAL & ADV INJURY \$1,000,000	
		GENERAL AGGREGATE \$2,000,000	
		PRODUCTS - COM/PO/AGG \$2,000,000	
		\$	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED <input type="checkbox"/> AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		
		BPG8082A	
		08/11/2020	
		08/11/2021	
		COMBINED SINGLE LIMIT (Ea accident) \$1,000,000	
		BODILY INJURY (Per person) \$	
		BODILY INJURY (Per accident) \$	
		PROPERTY DAMAGE (Per accident) \$	
		\$	
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$		
		CUG8082A	
		08/11/2020	
		08/11/2021	
		EACH OCCURRENCE \$4,000,000	
		AGGREGATE \$4,000,000	
		\$	
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		
		UB8K248353	
		08/12/2020	
		08/12/2021	
		X PER STATUTE	
		E.L. EACH ACCIDENT \$1,000,000	
		E.L. DISEASE - EA EMPLOYEE \$1,000,000	
		E.L. DISEASE - POLICY LIMIT \$1,000,000	
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) ** Workers Comp Information ** Proprietors/Partners/Executive Officers/Members Excluded: Lillian Reyes, Owner Craven & Thompson is listed as an Additional Insured with respects to the General Liability policy.			
CERTIFICATE HOLDER		CANCELLATION	
Craven & Thompson 3563 NW 53rd Street Ft. Lauderdale, FL 33309-6311		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 	
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ACORD 25 (2016/03) 1 of 1 #S29608462/M29589667		The ACORD name and logo are registered marks of ACORD	
		PCCZP	

SECTION 5: PROFILE OF CONSULTANT



CERTIFICATE OF LIABILITY INSURANCE

OP ID: LW

DATE (MM/DD/YYYY)

12/05/2019

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.

IMPORTANT: 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).

PRODUCER Gifford Wells Insurance 750 East Prospect Road Fort Lauderdale, FL 33334 Lynette C. Wells		CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: ELECT-1	
INSURED Electrical Design Associates, Inc. 8401 Lake Worth Road Suite 221 Lake Worth, FL 33467		INSURER(S) AFFORDING COVERAGE INSURER A: Argonaut Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **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 INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (PER ACCIDENT) \$ \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DEDUCTIBLE RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability			IAE4217999-0	12/01/2019	12/01/2020	Per Claim 2,000,000 Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Architects & Engineers Professional Liability
Claims Made Form PRAE1000-0117
Retroactive Date 12/01/1998

CERTIFICATE HOLDER Craven & Thompson 3563 NW 53rd Street Ft. Lauderdale, FL 33309	CANCELLATION 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
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ACORD 25 (2009/09)

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SECTION 5: PROFILE OF CONSULTANT

MASUEN CONSULTING, LLC



State of Florida Department of State

I certify from the records of this office that MASUEN CONSULTING, LLC is a limited liability company organized under the laws of the State of Florida, filed on January 2, 2004.

The document number of this limited liability company is L04000000183.

I further certify that said limited liability company has paid all fees due this office through December 31, 2020, that its most recent annual report was filed on January 21, 2020, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-first day of January,
2020*



Randy R. R.
Secretary of State

Tracking Number: 3404480961CC

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

SECTION 5: PROFILE OF CONSULTANT



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

07/21/2020

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.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or 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).

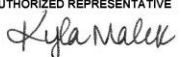
PRODUCER PAC Insurance Group PO Box 1480 Airway Heights, WA 99001	CONTACT NAME: Kyla Malek PHONE (A/C, No, Ext): 509-244-6399 FAX (A/C, No): 509-271-3775 E-MAIL ADDRESS: kylam@pacinsurancegroup.com														
INSURED Masuen Consulting, LLC 301 S. Washington Ave., Ste. F Newport, WA 99156	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Berkley North Pacific Group</td> <td></td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Berkley North Pacific Group		INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Berkley North Pacific Group															
INSURER B :															
INSURER C :															
INSURER D :															
INSURER E :															
INSURER F :															

COVERAGES **CERTIFICATE NUMBER: 00019173-253687** **REVISION NUMBER: 35**

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 GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		ADV6036295-21	08/11/2020	08/11/2021	<table border="1"> <tr><td>EACH OCCURRENCE</td><td>\$</td><td>2,000,000</td></tr> <tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$</td><td>300,000</td></tr> <tr><td>MED EXP (Any one person)</td><td>\$</td><td>10,000</td></tr> <tr><td>PERSONAL & ADV INJURY</td><td>\$</td><td>2,000,000</td></tr> <tr><td>GENERAL AGGREGATE</td><td>\$</td><td>4,000,000</td></tr> <tr><td>PRODUCTS - COMP/OP AGG</td><td>\$</td><td>4,000,000</td></tr> <tr><td></td><td>\$</td><td></td></tr> </table>	EACH OCCURRENCE	\$	2,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	300,000	MED EXP (Any one person)	\$	10,000	PERSONAL & ADV INJURY	\$	2,000,000	GENERAL AGGREGATE	\$	4,000,000	PRODUCTS - COMP/OP AGG	\$	4,000,000		\$	
EACH OCCURRENCE	\$	2,000,000																									
DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	300,000																									
MED EXP (Any one person)	\$	10,000																									
PERSONAL & ADV INJURY	\$	2,000,000																									
GENERAL AGGREGATE	\$	4,000,000																									
PRODUCTS - COMP/OP AGG	\$	4,000,000																									
	\$																										
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY					<table border="1"> <tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$</td><td></td></tr> <tr><td>BODILY INJURY (Per person)</td><td>\$</td><td></td></tr> <tr><td>BODILY INJURY (Per accident)</td><td>\$</td><td></td></tr> <tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td><td></td></tr> <tr><td></td><td>\$</td><td></td></tr> </table>	COMBINED SINGLE LIMIT (Ea accident)	\$		BODILY INJURY (Per person)	\$		BODILY INJURY (Per accident)	\$		PROPERTY DAMAGE (Per accident)	\$			\$							
COMBINED SINGLE LIMIT (Ea accident)	\$																										
BODILY INJURY (Per person)	\$																										
BODILY INJURY (Per accident)	\$																										
PROPERTY DAMAGE (Per accident)	\$																										
	\$																										
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$					<table border="1"> <tr><td>EACH OCCURRENCE</td><td>\$</td><td></td></tr> <tr><td>AGGREGATE</td><td>\$</td><td></td></tr> <tr><td></td><td>\$</td><td></td></tr> </table>	EACH OCCURRENCE	\$		AGGREGATE	\$			\$													
EACH OCCURRENCE	\$																										
AGGREGATE	\$																										
	\$																										
	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				<table border="1"> <tr> <td>PER STATUTE</td> <td>OTH-ER</td> </tr> <tr><td>E.L. EACH ACCIDENT</td><td>\$</td></tr> <tr><td>E.L. DISEASE - EA EMPLOYEE</td><td>\$</td></tr> <tr><td>E.L. DISEASE - POLICY LIMIT</td><td>\$</td></tr> </table>	PER STATUTE	OTH-ER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$													
PER STATUTE	OTH-ER																										
E.L. EACH ACCIDENT	\$																										
E.L. DISEASE - EA EMPLOYEE	\$																										
E.L. DISEASE - POLICY LIMIT	\$																										

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER PROOF OF INSURANCE	CANCELLATION 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  (KMM)
--	--

ACORD 25 (2016/03)

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Printed by KMM on July 21, 2020 at 09:58AM

SECTION 5: PROFILE OF CONSULTANT



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/03/2020

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.

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PRODUCER		CONTACT NAME: Karen Bronson	
CorRisk Solutions 180 N Stetson Ave Suite 4500 Chicago, IL 60601		PHONE (AC, No. Ext): 312-637-8755	FAX (AC, No. Ext):
		E-MAIL ADDRESS: kbronson@corriskolutions.com	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A: New Hampshire Insurance Company	23841
		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

INSURED
Masuen Consulting, LLC
301 S. Washington
Suite F
Newport, WA 99156

COVERAGES

CERTIFICATE NUMBER:

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	ADD'L INSRD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC			DOES NOT APPLY			EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & AND INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/>			DOES NOT APPLY			COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			DOES NOT APPLY			EACH OCCURRENCE AGGREGATE
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input type="checkbox"/> If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		DOES NOT APPLY			WC STATUTORY LIMITS <input type="checkbox"/> OTHER <input type="checkbox"/> E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT
A	Professional Liability			064993130-02	07/22/20	07/22/21	Per Occurrence: \$1,000,000 Annual Aggregate: \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACCORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

CANCELLATION

FOR INFORMATIONAL/PROPOSAL PURPOSES ONLY

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

E. All

SECTION 5: PROFILE OF CONSULTANT

ACORD

Client#: 1558208

MASUECON

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/08/2020

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.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or 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 any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Insurance Services, LLC 2375 E. Camelback Road, Suite 250 Phoenix, AZ 85016		CONTACT NAME: Willie Neville PHONE (A/C, No, Ext): 206-451-8248 FAX (A/C, No): 610-537-4501 E-MAIL ADDRESS: Willie.Neville@usi.com	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Hartford Fire Insurance Company	
		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

INSURED
Masuen Consulting, LLC
301 S. Washington Ave., Suite F
Newport, WA 99156

COVERAGES

CERTIFICATE NUMBER:

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 INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	41WECIB0281	10/06/2020	10/06/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

Masuen Consulting, LLC
301 S Washington Ave, Suite F
Newport, WA 99156

CANCELLATION

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

[Signature]

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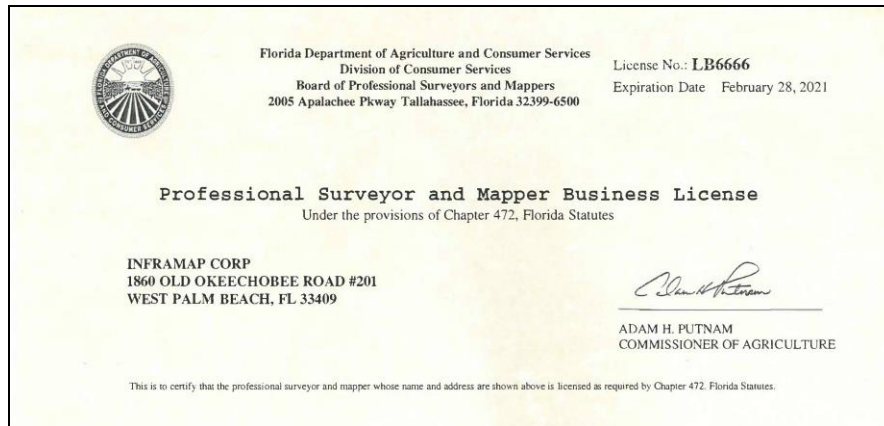
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DYSZS

SECTION 5: PROFILE OF CONSULTANT

INFRAMAP CORP.



SECTION 5: PROFILE OF CONSULTANT

Client#: 489247		INFRACOR																																																																																																																																																																											
ACORD™		CERTIFICATE OF LIABILITY INSURANCE																																																																																																																																																																											
		DATE (MM/DD/YYYY) 9/21/2020																																																																																																																																																																											
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PRODUCER USI Insurance Services LLC-CL 4840 Cox Road, Suite 150 Glen Allen, VA 23060 804 200-5200		CONTACT NAME: Lisa M. Meyer, CIC, CPSR, CPIW PHONE (A/C, No, Ext): 804 200-5227 FAX (A/C, No): 610 537-4179 E-MAIL ADDRESS: lisameyer@usi.com																																																																																																																																																																											
INSURED InfraMap Corp. and Utiliscope Corporation 10365-10367 Cedar Lane Glen Allen, VA 23059		INSURER(S) AFFORDING COVERAGE																																																																																																																																																																											
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CERTIFICATE HOLDER Craven Thompson & Associates, Inc. Attn: Tammie Girschbach; 3563 NW 53rd Street Fort Lauderdale, FL 33309	CANCELLATION 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
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SECTION 5: PROFILE OF CONSULTANT

TIERRA SOUTH FLORIDA, INC.



State of Florida Department of State

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 2, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Second day of January, 2020*



Randy A. Be
Secretary of State

Tracking Number: 1518563183CC

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

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

SECTION 5: PROFILE OF CONSULTANT



CERTIFICATE OF LIABILITY INSURANCE

TIERSOU-01

NGONZALEZ

DATE (MM/DD/YYYY)
5/26/2020

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.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or 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).

PRODUCER Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102		CONTACT NAME: PHONE (A/C, No, Ext): (703) 827-2277 FAX (A/C, No): (703) 827-2279 E-MAIL: admin@amesgough.com ADDRESS:	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A : National Union Fire Insurance Company	19445
		INSURER B : National Union Fire Ins. Co. of Pittsburgh, PA A (XV)	19445
		INSURER C : Continental Insurance Company A(XV)	35289
		INSURER D : Continental Casualty Company (CNA) A, XV	20443
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **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"/> Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		9925653	6/1/2020	6/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		4544957	6/1/2020	6/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		6072223686	6/1/2020	6/1/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	039326871	6/1/2020	6/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	Professional		MCH591879490	6/1/2020	6/1/2021	Per Claim 1,000,000
D	Liability		MCH591879490	6/1/2020	6/1/2021	Aggregate 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

For Proposal Purposes

CANCELLATION

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

Dan Busch

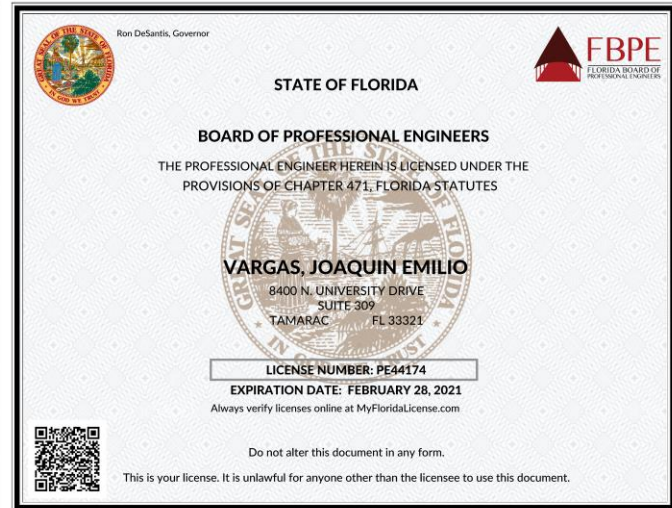
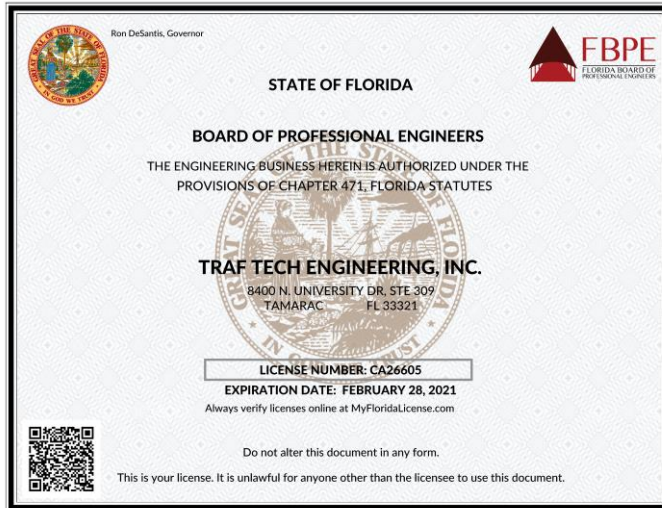
ACORD 25 (2016/03)

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SECTION 5: PROFILE OF CONSULTANT

TRAF TECH ENGINEERING, INC.



2020 FLORIDA PROFIT CORPORATION ANNUAL REPORT
DOCUMENT# P05000109972
Entity Name: TRAF TECH ENGINEERING, INC.
Current Principal Place of Business:
8400 N. UNIVERSITY DRIVE
SUITE 309
TAMARAC, FL 33321
Current Mailing Address:
8400 N. UNIVERSITY DRIVE
SUITE 309
TAMARAC, FL 33321 US
FEI Number: 20-3276418
Name and Address of Current Registered Agent:
VARGAS, JOAQUIN E
4711 NW 59TH STREET
TAMARAC, FL 33319 US
Certificate of Status Desired: Yes
The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.
SIGNATURE: _____ Date: _____
Electronic Signature of Registered Agent
Officer/Director Detail :
Title PVST Name VARGAS, JOAQUIN Address 4711 NW 59TH STREET City-State-Zip: TAMARAC FL 33319
Title D Name VARGAS, JOAQUIN Address 4711 NW 59TH STREET City-State-Zip: TAMARAC FL 33319
I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath, that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes, and that my name appears above, or on an attachment with all other like empowered.
SIGNATURE: JOAQUIN E VARGAS PRESIDENT 04/17/2020
Electronic Signature of Signing Officer/Director Detail Date

SECTION 5: PROFILE OF CONSULTANT

d. Similar municipal projects completed in past 5 years

NE 14th Avenue Streetscape Improvements Hallandale Beach, Florida



Scope of Work:

The project area is along NE 14th Avenue between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides of the two (2) storm water pump stations. Landscaping along the west side of the enclosure is limited due to the close proximity of the screen fence to the existing sidewalk; PaveDrain concrete block access drives on each side of the two (2) storm water pump stations; mid-block crosswalks; and resting areas (benches, trash cans, etc.).

Craven Thompson provided surveying, landscape architectural, civil engineering services, construction administration and inspection.

Client Contact:

Mr. Manga Ebbe
Project Manager

City of Hallandale Beach
Utilities and Engineering
Phone: (954) 457-3043

Email: mebbe@hallandalebeachfl.gov

Dollar Value:

\$1,157,203.00

Principal on Project:

Joseph D. Handley, R.L.A.

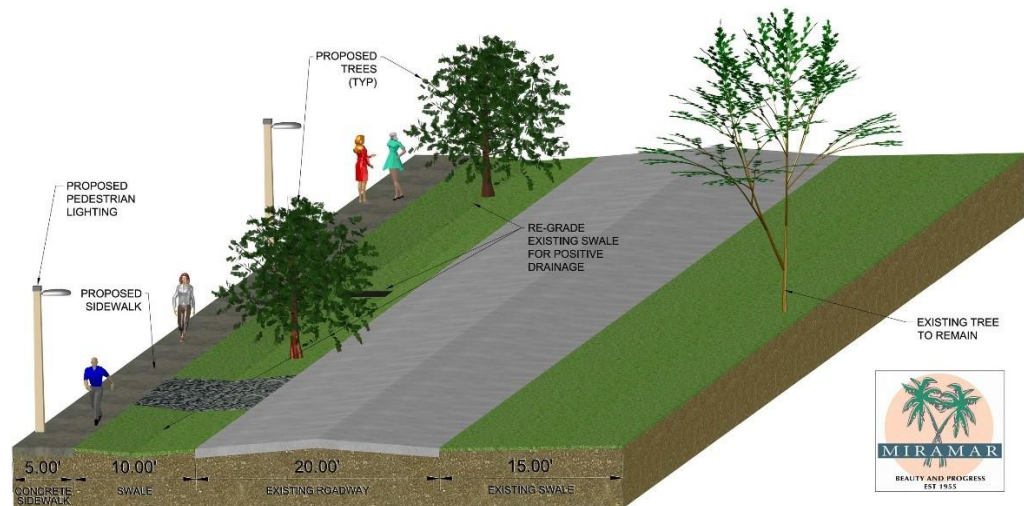
Principle's Role:

Overall design management;
management of surveying, civil
engineering, landscape architectural and
CEI. Responsible for adherence to
schedule and budget.

SECTION 5: PROFILE OF CONSULTANT

Miramar Historical Area Complete Streets Project - Phase II Miramar, Florida

HISTORIC MIRAMAR COMPLETE STREETS: PHASE II



Scope of Work:

Craven Thompson & Associates, Inc. was selected by the City of Miramar to survey, provide landscape architectural (complete streets) and civil engineering design, permit, and provide construction administration services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

Client Contact:

Mr. Salvador Zuniga, P.E.
Assistant City Engineer
City of Miramar
Phone: (954) 602-3323
Email: sezuniga@miramarfl.gov

Dollar Value:

\$1.9 Million

Principal on Project:

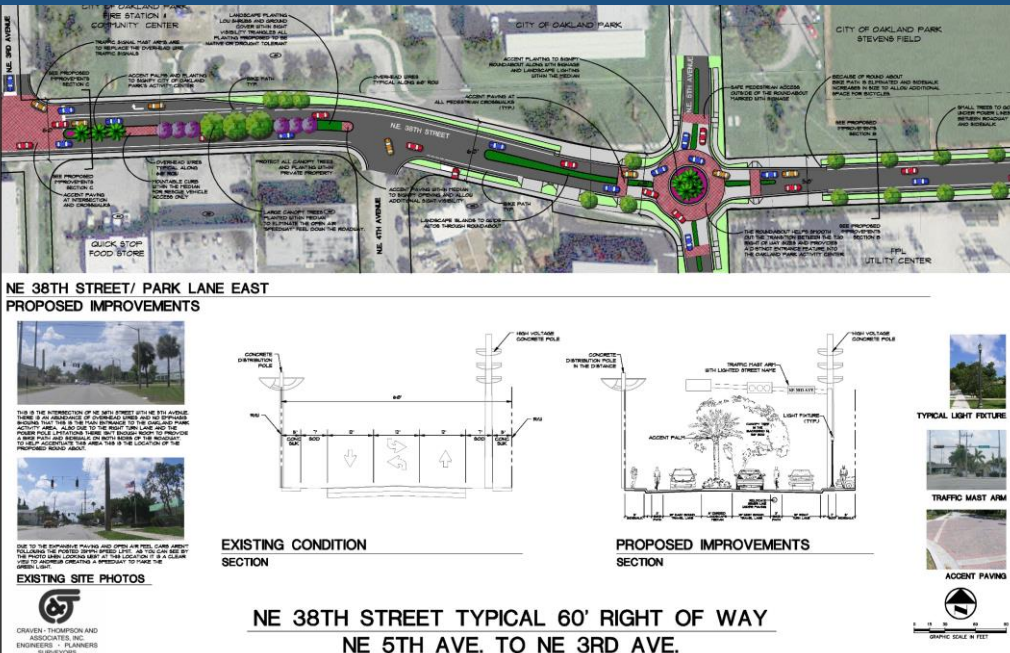
Patrick J. Gibney, P.E.

Principle's Role:

Overall design management:
management of surveying, civil
engineering, landscape architectural and
CEI. Responsible for adherence to
schedule and budget

SECTION 5: PROFILE OF CONSULTANT

NE 38th Street Complete Streets Project Oakland Park, Florida



Scope of Work:

The consulting services included landscape, hardscape, and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson provided surveying, landscape architectural, civil engineering services, construction administration and inspection.

Client Contact:

Ms. Jennifer Frastai, ICMA-CM
Director of Engineering &
Community Development
City of Oakland Park
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

Dollar Value:

\$3,247,136.00

Principal on Project:

Joseph D. Handley, R.L.A.

Principle's Role:

Overall design management: management of surveying, civil engineering, landscape architectural and CEI. Responsible for adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

Kimberly Boulevard East Complete Streets Project North Lauderdale, Florida



Scope of Work:

The project is known as the Kimberly Boulevard Complete Streets Improvements from State Road 7 to Rock Island Road. The total length of roadway is 5,900 linear feet and consisted of four total two lanes, both two eastbound and two westbound and a landscaped median. The improvements included roadway reconstruction, milling & overlay, safety enhancements including modifying existing sidewalk access ramps for ADA compliance, the construction of a roundabout at SW 64th Terrace, the addition of traffic calming devices, curbing of identified existing medians, drainage modifications, and the reduction from two to one lane both eastbound and westbound plus the addition of bicycle lanes in each direction from SW 70th Avenue to SW 10th. The existing pavement displayed alligator cracking, block cracking, transverse cracking and rutting at many locations within the project limits. Craven Thompson along with geotechnical sub-consultant, Absolute Civil Engineering Solutions (ACES) performed and evaluated cores of the existing pavement to determine the proper repair method. As a result of this, various segments were completely reconstructed while others were simply milled and overlain. Craven Thompson provided surveying, landscape architectural, civil engineering services, construction administration and inspection.

Client Contact:

Mr. Sam May
Director of Public Works
City of North Lauderdale
Phone: (954) 724-7070, Ext. 4756
Email: smay@nlauderdale.org

Dollar Value:

\$2.2 Million

Principal on Project:

Patrick J. Gibney, P.E.

Principle's Role:

Overall design management: management of surveying, civil engineering, landscape architectural and CEI. Responsible for adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

NE 34th Court Complete Streets Project (NE 2nd Avenue to Dixie Highway) Oakland Park, Florida



Scope of Work:

This project involved the provision of professional engineering services for the design and permitting of approximately 0.70 miles of roadway improvements on NE 34th Court from NE 2nd Avenue to Dixie Highway.

The streetscape and engineering services included full roadway reconstruction design, stormwater management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson and Associates assisted the City of Oakland Park with the funding procurement process.

Client Contact:

Ms. Jennifer Frastai, ICMA-CM
Director of engineering &
Community Development
City of Oakland Park
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

Dollar Value:
\$3,255,630.00

Principal on Project:
Joseph D. Handley, R.L.A.

Principle's Role:
Overall design management: management of surveying, civil engineering, landscape architectural and CEI. Responsible for adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

SW 36th Street Improvements Davie, Florida



Scope of Work:

The project consisted of roadway, roadway drainage, utility and landscape/hardscape improvements to SW 36th Street in Davie, Florida. The existing roadway section was approximately 22' wide and was expanded to 25' wide. SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. The roadway was raised in order to comply with SFWMD criteria. The improvements included roadway design and reconstruction, stormwater/drainage piping and structures, water distribution mains, coordination with franchise utilities, landscaping, pavers, pavement, sidewalks, fences and other miscellaneous items. Craven Thompson & Associates provided civil engineering, landscape architecture, CEI, and miscellaneous survey services for the project.

Client Contact:

Mr. Randall Seneff
Executive Director
Design & Construction
Nova Southeastern University
Phone: (954) 262-8805
Email: rseneff@nova.edu

Dollar Value:

\$7,007,191.00

Principal on Project:

Patrick J. Gibney, P.E.

Principle's Role:

Overall design management: management of surveying, civil engineering, landscape architectural and CEI. Responsible for adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

Indian Creek Greenway Project
Miami Beach, Florida

MIAMI BEACH



Scope of Work:

The primary goal of the Indian Creek Greenway Project was to design a greenway master plan concept that improves the landscape aesthetics and pedestrian experience along the Indian Creek Waterway. The project includes the restoration and enhancement of the landscape buffer with the introduction of a diverse, low-maintenance, tropical, Florida Friendly, naturalized, and native plant pallet that encourages the return of the area's natural fauna, and promotes the ecology of the waterway for the benefit of the general public. We included a continuous pedestrian connection from the 41st Street bridge southward to the 29th Street pedestrian bridge and onward to form a connection at 25th Street and Collins Avenue. The plan restores vegetation to buffer noise and light pollution and to increase privacy for the residents of the Flamingo Drive Neighborhood. The landscape design also maximized the views to the creek along its entire length while considering CPTED principles for pedestrian safety. Craven Thompson provided landscape architecture, for the Indian Creek Drive Greenway Project.

Client Contact:

Mr. Rodney Knowles
Greenspace Division Director
Public Works Department
Greenspace Management Division
City of Miami Beach
Phone: (305) 673-7080

Email: Rodneyknowles@miamibeachfl.gov

Dollar Value:

\$1.1 Million

Principal on Project:

Joseph D. Handley, R.L.A.

Principle's Role:

Overall design management: management of landscape architectural services.
Responsible for adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

Powerline Road Median Beautification Oakland Park, Florida



Scope of Work:

Craven Thompson & Associates was retained by the City of Oakland Park to provide landscape modifications to medians on Powerline Road (State Road 845) located between Prospect Road and Commercial Boulevard (within the City limits). This included tree relocation, new landscaping & irrigation while coordinating between the City and the Florida Department of Transportation (FDOT). Craven Thompson assisted the City with submitting for and obtaining the Florida Highway Beautification Council Grant which funded \$100,000 of the construction costs.

Client Contact:

Ms. Jennifer Frastai, ICMA-CM
Director of Engineering &
Community Development
City of Oakland Park
Phone: (954) 630-4477
Email: jenniferf@oaklandparkfl.gov

Dollar Value:
\$305,563.00

Principal on Project:
Joseph D. Handley, R.L.A.

Principle's Role:
Overall design management: management
of landscape architectural services.
Responsible for adherence to schedule and
budget

SECTION 5: PROFILE OF CONSULTANT

Miramar Parkway & Miramar Boulevard Median Enhancements Miramar, Florida



Scope of Work:

The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project includes landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lack aesthetic appeal and require various beautification enhancements. This is Phase I of a multi-phased project. The project requires permitting through the City and Broward County Construction and Highway Engineering Department. Craven Thompson is providing surveying and landscape architectural services.

Client Contact:

Mr. Salvador Zuniga, P.E.
Assistant City Engineer
City of Miramar

Phone: (954) 602-3323

Email: sezuniga@miramarfl.gov

Dollar Value:

\$1.2 Million

Principal on Project:

Joseph D. Handley, R.L.A.

Principle's Role:

Overall design management:
management of landscape
architectural services. Responsible for
adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

69th Street Greenway Illustrative Design Guidelines Coconut Creek, Florida



LIVE OAK



SAW PALMETTO

PLANT LIST

Scientific Name	Common Name	Specification
<i>Quercus virginiana</i>	LIVE OAK	2" CAL. 12' OA HEIGHT
<i>Pinus elliotii</i> 'Densa'	SLASH PINE	2" CAL. 12' OA HEIGHT
<i>Sabal palmetto</i>	SABAL PALM	MIN. 15-20' OA, STAGGERED
<i>Savanna exoniata</i>	SAV PALMETTO	MIN. 20' HT X 24" SPB
<i>Hamelia patens</i>	FLORIDA	MIN. 24' HT X 24" SPB
<i>Psychotria nervosa</i>	WILD COFFEE	MIN. 24' HT X 24" SPB
<i>Nepenthes bicaudata</i>	GIANT SWORD FERN	MIN. 24' HT X 24" SPB
<i>Eleocharis acicularis</i>	DWARF PAKAHATCHEE GRASS	MIN. 18" HT X 18" SPB
<i>Ilex vomitoria</i> 'Nana'	DWARF YALOPON HOLLY	MIN. 18" HT X 18" SPB

WATERING:

- IRRIGATION IS NOT REQUIRED FOR GREENWAY PLANTING, HOWEVER, HAND WATERING FOR PLANT ESTABLISHMENT IS REQUIRED. A 3 MONTH WATERING PERIOD IS REQUIRED FOR TYPICAL PLANT MATERIAL AND 6 MONTHS FOR LIVE OAKS.

- WATERING SCHEDULE IS AS FOLLOWS:
WATER EVERYDAY FOR THE FIRST TWO WEEKS, THEN EVERY OTHER DAY FOR THE FOLLOWING TWO WEEKS. FOR THE REMAINING TIME, WATERING SHALL BE DONE TWICE A WEEK.

- CONTRACTOR SHALL GUARANTEE THE INSTALLED PLANT MATERIAL FOR ONE YEAR UPON FINAL ACCEPTANCE BY THE CITY. THE CITY WILL TAKE RESPONSIBILITY AND MAINTENANCE AT THAT TIME.



SLASH PINE



WILD COFFEE



GIANT SWORD FERN



PAKAHATCHEE GRASS



SABAL PALM



PLANT PALETTE

69TH STREET GREENWAY- DESIGN GUIDELINES

Scope of Work:

Craven Thompson worked with the City of Coconut Creek to develop and prepare an illustrative Design Guidelines package complete with conceptual plans and typical sections to give future developers an understanding of the design intent for the 69th Street Greenway. The Design Guidelines package included landscape guidelines, plans, typical sections, plant palettes, typical lighting elements, and site amenities per the City of Coconut Creek standards.

Client Contact:

Ms. Liz Aguiar
Principal Planner / DRC Chair
City of Coconut Creek
Phone: (954) 973-6756
Email: laguiar@coconutcreek.net

Dollar Value:

Construction Cost will vary by project

Principal on Project:

Joseph D. Handley, R.L.A.

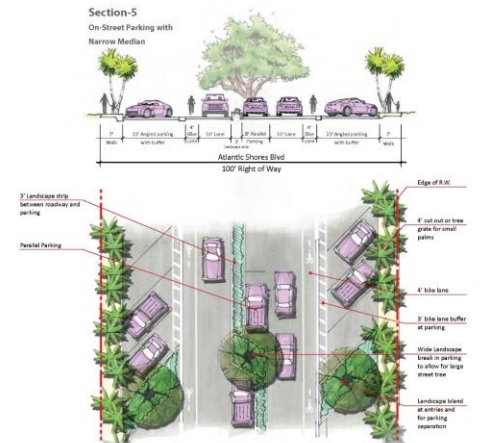
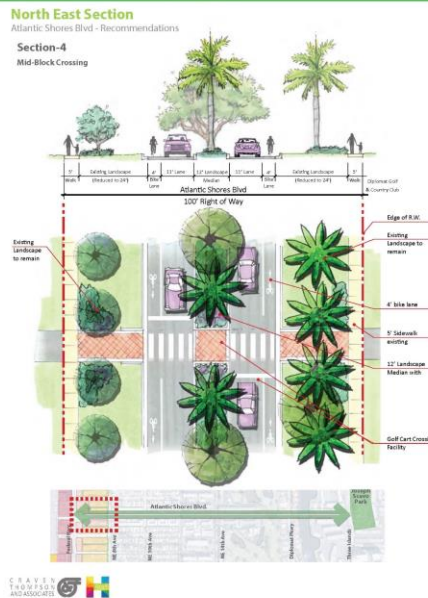
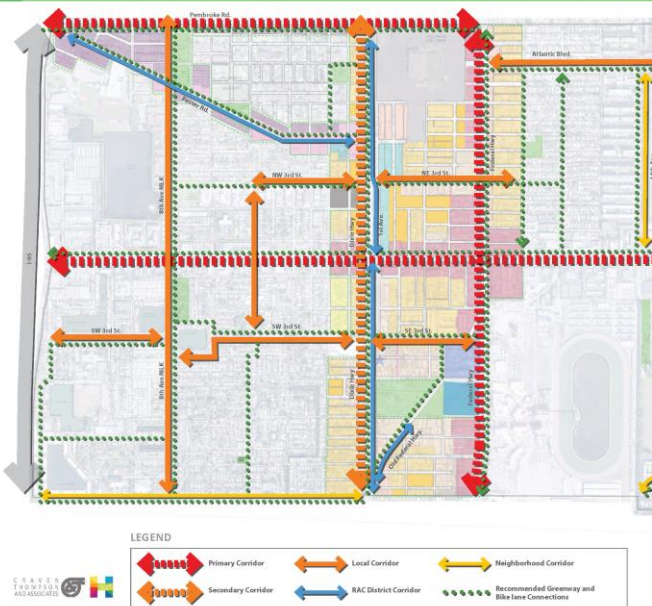
Principle's Role:

Overall design management:
management of landscape
architectural services. Responsible for
adherence to schedule and budget

SECTION 5: PROFILE OF CONSULTANT

Hallandale Beach Citywide Master Plan - Landscape Architecture Hallandale Beach, Florida

Landscape - Section V



One of the issues that is present throughout the City is the need for parking. If it is absolutely necessary to add additional parking on this street, it is recommended that it is broken into segments as to not disrupt the character and feel of the street. The above section shows how parallel parking could be added to the middle of the street and still provide wider planting zones for large trees between areas where the parking switches to opposite sides of the road. By alternating the parking at three to four (3-4) space intervals instead of eleven (11), this will allow for a steady tree canopy pattern and provide a more balanced distribution of the parallel parking. Where the parking occurs the Right-of-Way width only allows for a three foot (3') landscape buffer between the parked car and the oncoming lane of traffic.

Scope of Work:

The City of Hallandale Beach hired Craven Thompson to produce a citywide master plan that functions as a comprehensive document that assesses various infrastructure improvements, both underground and surface, and utilizes the outcome as a basis for preparing construction documents and acquiring funding. This includes Citywide Master Planning for the 2,800 acres including sidewalk, landscaping, hardscape, median enhancement, complete streets, bike lane, local roads, sidewalk, and lighting. Craven Thompson provided recommendations for future streetscape corridors, bike lane and greenway planning, and schematic landscape for the City.

Client Contact:

Mr. Peter Kunen, P.E.
Assistant Director of Public Works /
City Engineer
City of Hallandale Beach
Phone: (954) 457-3042
Email: pkunen@cohb.org

Dollar Value:

Construction cost will vary by project

Principal on Project:

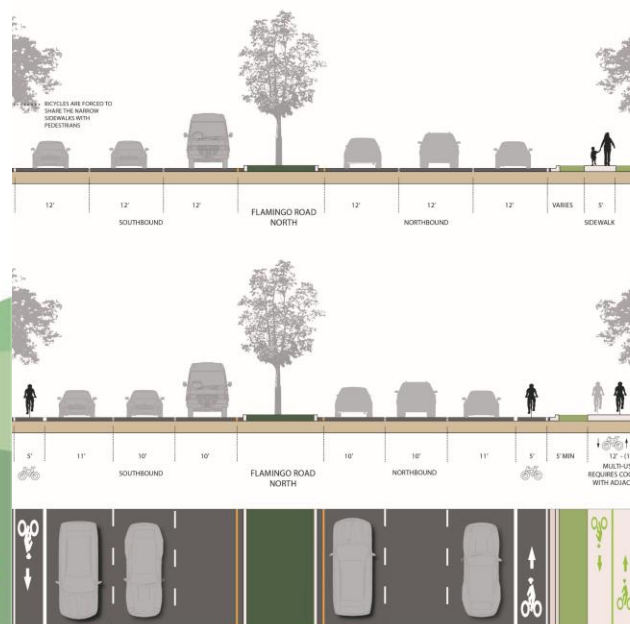
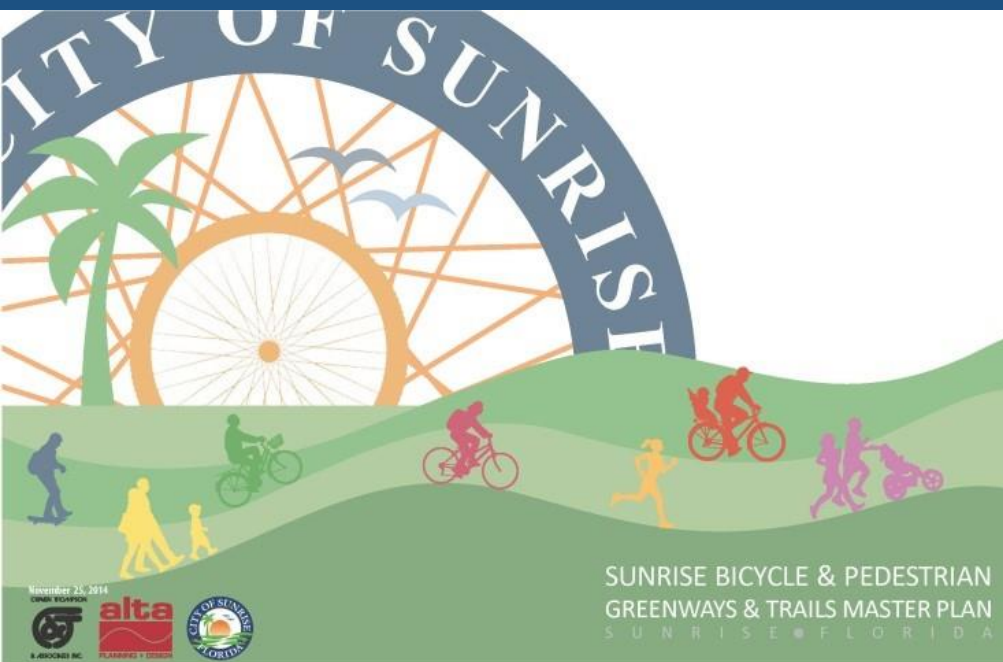
Joseph D. Handley, R.L.A.

Principle's Role:

Overall design management:
management of landscape architectural
services. Responsible for adherence to
schedule and budget

SECTION 5: PROFILE OF CONSULTANT

Bicycle / Pedestrian Greenways & Trails Master Plan Sunrise, Florida



Scope of Work:

Craven Thompson along with Alta Planning + Design were hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city. The Plan is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government. The team created a series of templates that incorporated National trail and bike lane standards, signage, and new safety measures that could be used as the building blocks to implement a cohesive plan throughout the City.

Client Contact:

Ms. Rosemarie Marco
Leisure Services Director
City of Sunrise
Phone: (954) 747-4600
Email: rmarco@sunrisefl.gov

Dollar Value:

Construction cost will vary by project

Principal on Project:

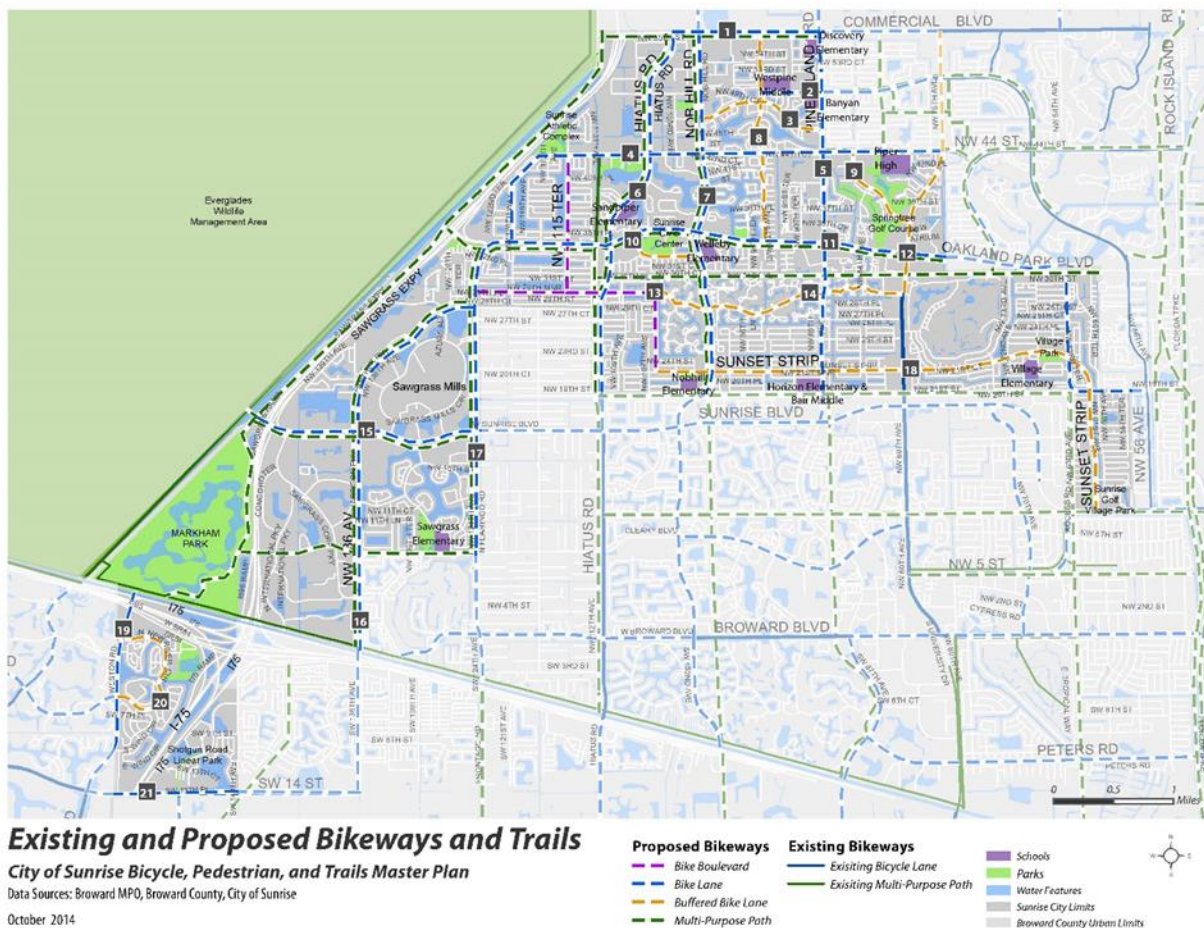
Joseph D. Handley, R.L.A.

Principle's Role:

Overall design management:
management of landscape architectural
services. Responsible for adherence to
schedule and budget

SECTION 5: PROFILE OF CONSULTANT

Bicycle / Pedestrian Greenways & Trails Master Plan, Sunrise, Florida



existing condition



proposed improvements



SECTION 5: PROFILE OF CONSULTANT

e. Litigation over the past 5 years

Project Name: The Edge Condominium, West Palm Beach, Florida

Case No.: Palm Beach County Case No. 502013CA007785XXXXMBAJ

Date: Case filed June 4, 2013 / Dismissed February 2015

Case No.: Palm Beach County Case No. 502016CA006688XXXXMB

Date: Case re-opened March 2017 – Case Settled September 2017

Monetary Amount Involved: \$15,000.00

Position: Defendant

Name of Case: The Edge No. One Condominium Association, Inc. vs. The Edge Investors, L.P.; Coastal Construction of South Florida, Inc.; Trans Coastal Construction Company; Steven Feller, P.E., P.L.; Cohen, Freedman, Encinosa & Associates-Architects, P.A.; CHM Consulting Engineers, Inc.; Craven Thompson & Associates, Inc.

Explanation: Plaintiff claimed unspecified problems with the building. It was unclear what civil engineering issues were relevant. The contractor, architect and the entire design team were defendants.

Project Name: North County Neighborhood Improvement Project, NE Quadrant

Broward County, Florida

Case No.: Broward County Case No. 14-002381 (21)

Date: Case filed June 9, 2015 / Settled December 9, 2016

Monetary Amount Involved: \$30,000

Position: Defendant

Name of Case: - Randy Ezekowitz vs. Giannetti Contracting Corporation, E&N Construction, Inc., Asphalt Milling Services, Inc., Bon's Barricades, Inc., Florida Department of Transportation, Craven Thompson & Associates, Inc. and Transfield Services Infrastructure, Inc.

Explanation: Plaintiff claimed that Craven Thompson failed to warn motorists of the difference in elevation of pavement. Plaintiff did not specify a specific claim related to Civil Engineering.

f. Describe similar experience for each staff member

Please Refer to Professional Resumes in this Section and Standard Form 330 in Section 4.

SECTION 5: PROFILE OF CONSULTANT

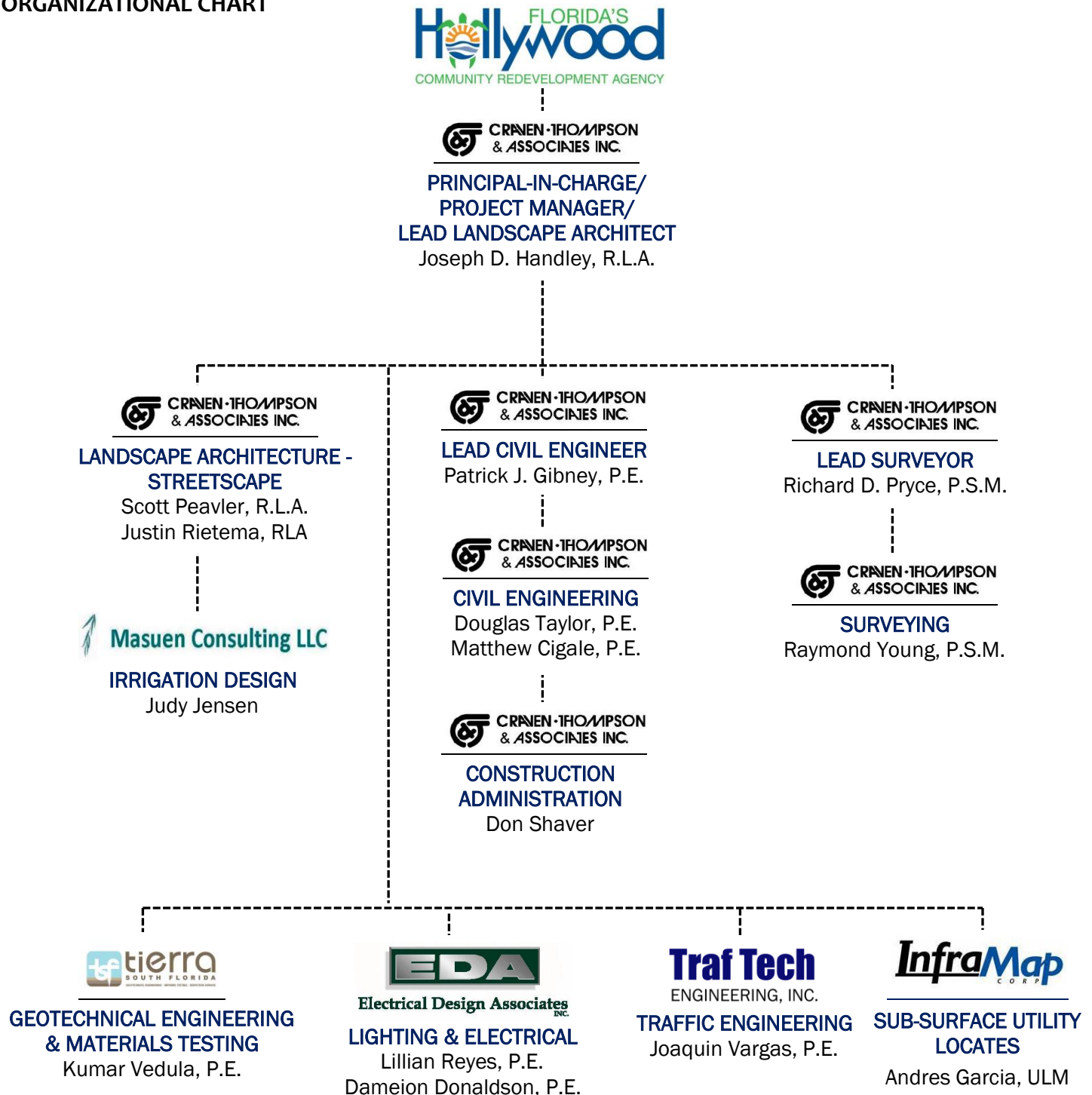
g. Describe organization of proposed project team, expertise and available hours

Hours available per week:

KEY PERSONNEL	ROLE / TITLE	EDUCATION	HOURS AVAILABLE	EXPERTISE
Joseph D. Handley, R.L.A.	Principal-in-Charge, Project Manager	Bachelors of Science in Ornamental Horticulture, Clemson University (1980)	20 Hours per Week	Project Management & Design for Complete Streets, Streetscape, Median Beautification
Scott Peavler, R.L.A.	Landscape Architect	Bachelors of Landscape Architecture, Kansas State University, (2005)	24 Hours per Week	Design and Approvals for Landscape Architectural Projects
Justin Rietema, R.L.A.	Landscape Architect	Bachelors of Landscape Architecture, Iowa State University, (2006)	24 Hours per Week	Design and Approvals for Landscape Architectural Projects
Patrick J. Gibney, P.E.	Lead Civil Engineer	Bachelor of Science in Civil Engineering Rutgers, The State University (1987)	20 Hours per Week	Infrastructure Rehabilitation Design & Permitting
Matthew Cigale, P.E.	Civil Engineer	Bachelor of Science in Civil Engineering, Clarkson University (1996)	24 Hours per Week	Infrastructure Rehabilitation Design & Permitting
Douglas Taylor, P.E.	Civil Engineer	Bachelor of Science in Civil Engineering, University of Illinois (1984)	24 Hours per Week	Infrastructure Rehabilitation Design & Permitting
Don Shaver	Construction Administration & Manager	Bachelor of Science, Construction Science Kansas State University (1981)	20 Hours per Week	Construction Administration and Management for Infrastructure Rehabilitation Projects
Richard Pryce, P.S.M.	Lead Surveyor	Not Applicable	16 Hours per Week	All Aspects of Land Surveying and G.I.S.
Raymond Young, P.S.M.	Surveyor	Not Applicable	20 Hours per Week	All Aspects of Land Surveying

SECTION 5: PROFILE OF CONSULTANT

ORGANIZATIONAL CHART



PROFESSIONAL RESUMES

Please Refer to Professional Resumes, starting on the next page.

SECTION 5: PROFILE OF CONSULTANT



JOSEPH D. HANDLEY, R.L.A.

PROJECT MANAGER/PRINCIPAL-IN CHARGE/ LANDSCAPE ARCHITECT

Mr. Handley has been involved in a broad range of landscape architectural, complete streets, and streetscape projects in South Florida for the past thirty-five years. Joe is widely familiar with client needs and project requirements and processes. He is responsible for overseeing the preparation and processing of plats, site, landscape, hardscape, streetscape and irrigation plans; utilizing his knowledge of local, state and federal regulations involved in land development. He has direct client contact to obtain project input and approvals, responsible for completion of projects on time and within budget.



CRIVEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education

Clemson University, B.S. in
Ornamental Horticulture
(1976 - 1980)

University of Georgia /
Louisiana State University,
Attended Masters' Program
in Landscape Architecture
(1981 - 1984)

Years of Experience

Total: 37; With Firm: 32

Licenses/Certifications

Florida Registered
Landscape Architect:
LA0001368 (1990)

Relevant Experience:

NE 34th Court Complete Streets Project | Oakland Park, Florida | Principal Landscape Architect - The landscape, streetscape and engineering services include full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction. Craven Thompson assisted the City of Oakland Park with the funding procurement.

NE 38th Street Complete Streets Project | Oakland Park, Florida | Landscape Architectural Project Manager - The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD). This project utilized FDOT LAP funding.

Sunrise Bicycle/Pedestrian, Greenways and Trails Master Plan | Sunrise, Florida | Principal Landscape Architect - Along with Alta Planning + Design, Craven Thompson was hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities of local government.

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Landscape Architectural Project Manager - This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

SECTION 5: PROFILE OF CONSULTANT

JOSEPH D. HANDLEY, R.L.A. (continued)

NE/NW 6th Street (Sistrunk Blvd.) Streetscape and Enhancement Project | Fort Lauderdale, Florida | Principal Landscape Architect - The project was funded and managed by the Fort Lauderdale CRA and included streetscape improvements consisting of landscape, median, paver sidewalk, lighting, drainage and other improvements. Work included close coordination with existing businesses during construction, public relations to keep all parties informed of improvements, maintenance of traffic coordination to ensure access to all affected properties throughout construction and a full time RPR on-site managing the project. The project was federally funded including LAP funding.

Citywide Median Landscape Beautification Conceptual Design | Lauderhill, Florida | Principal Landscape Architect - The goal of the project was to obtain a consistent enhancement theme reflecting the design aesthetic of the City of Lauderhill. This included conceptual design only. The project limits included the medians located within the City right-of-way for the street sections listed below:

- NW 44th Street from University to Inverrary Boulevard west
- NW 19th Street and intersection with NW 55th Avenue
- NW 55th Avenue from NW 15th Street to NW 16th Court
- NW 16th Street from NW 55th Avenue to NW 54th Terrace
- NW 12th Street from NW 42nd Way to SR7/441
- NW 16th Street from NW 46th Terrace to NW 38th Avenue
- NW 26th Street from NW 41st Avenue to SR7/441
- NW 38th Avenue from NW 19th Street to NW 18 Court

Indian Creek Drive Landscape Project | Miami Beach, Florida | Principal Landscape Architect

The project includes the restoration and enhancement of the landscape buffer with the introduction of a diverse, low-maintenance, tropical, Florida Friendly, naturalized, and native plant pallet that encourages the return of the area's natural fauna, and promotes the ecology of the waterway for the benefit of the general public. We included a continuous pedestrian connection from the 41st Street bridge southward to the 29th Street pedestrian bridge and onward to form a connection at 25th Street and Collins Avenue. The plan restores vegetation to buffer noise and light pollution and to increase privacy for the residents of the Flamingo Drive Neighborhood.

Floranada Road Traffic Calming Improvements | Oakland Park, Florida | Landscape Architectural Project Manager - This project involved landscape architecture, professional engineering services for the design and permitting of traffic calming and other roadway improvements. The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson included traffic roundabouts at the roadway intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

NW 21st Avenue Broward County Right of Way | Broward County, Florida | Lead Landscape Architect

This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The Project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal.

Miramar Parkway & Miramar Boulevard Median Enhancements | Miramar, Florida

Principal Landscape Architect - The project is along Miramar Parkway from the Florida Turnpike to Palm Avenue and along Miramar Boulevard from University Drive to Palm Avenue. The project includes landscaping and hardscape for two main thoroughfares through the City of Miramar. The medians lack aesthetic appeal and require various beautification enhancements. This is Phase I of a multi-phased project.

SECTION 5: PROFILE OF CONSULTANT



SCOTT W. PEAVLER, R.L.A.
LANDSCAPE ARCHITECT

Mr. Peavler's responsibilities include site planning, streetscape, landscape and hardscape design, tree removal and relocation plans in AutoCAD and presentation graphics, utilizing knowledge of local and state regulations involved on a large range of projects. Coordinating with Clients, City officials, and other consultants to obtain project input and approvals. Preparation of color renderings of landscape plans for presentation.

Relevant Experience:



Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education

Kansas State University,
Bachelors of Landscape
Architecture (2005)

Years of Experience

Total: 14; With Firm: 10

Licenses/Certifications

Florida Registered
Landscape Architect:
LA6666976 (2008)

NE 38th Street Complete Streets Project | Oakland Park, Florida

Landscape Architect - The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction.

Miramar Historical Area Complete Streets Project – Phase II | Miramar, Florida

Lead Landscape Architect - Craven Thompson. was selected by the City of Miramar to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida

Landscape Architect - This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

Landscape Peer Plan Review | Coconut Creek | Florida

Review Landscape Architect - Mr. Peavler serves as reviewer of all DRC submittals on behalf of the City which include landscape and hardscape elements.

Powerline Road Median Beautification | Oakland Park, Florida | Project Manager -

Mr. Peavler designed landscape modifications to medians on Powerline Road (State Road 845) located between Prospect Road and Commercial Boulevard (within the City limits). This included tree relocation, new landscaping & irrigation while coordinating between the City and the Florida Department of Transportation (FDOT).

SECTION 5: PROFILE OF CONSULTANT

SCOTT W. PEAVLER, R.L.A. (continued)

Davie CRA SW 41st Place Parking Lot Improvements | Davie, Florida

Landscape Architect - Provided landscape services which included landscape design, and preparation of construction documents for the CRA Parking Lot located behind the businesses on Davie Road, including landscaping, irrigation, and pervious pavement improvements.

Citywide Median Landscape Beautification Conceptual Design | Lauderhill, Florida | Landscape Architect

Project limits include the medians located within the City right-of-way for these street sections:

- NW 44th Street from University to Inverrary Boulevard west
- NW 19th Street and intersection with NW 55th Avenue
- NW 55th Avenue from NW 15th Street to NW 16th Court
- NW 16th Street from NW 55th Avenue to NW 54th Terrace
- NW 12th Street from NW 42nd Way to SR7/441
- NW 16th Street from NW 46th Terrace to NW 38th Avenue
- NW 26th Street from NW 41st Avenue to SR7/441
- NW 38th Avenue from NW 19th Street to NW 18 Court
- NW 38th Avenue from NW 38th Way to NW 5th Court
- NW 36th Avenue from West Broward Boulevard to NW 1st Court
- NW 33rd Avenue from West Broward Boulevard to NW 4th Street

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Landscape Architect - Mr. Peavler assisted in the Landscape/Streetscape design for the NE 14th Avenue Streetscape Improvements. The project corridor is approximately 3,400 linear feet. The project includes: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Ave.; landscape screening adjacent to two (2) stormwater pump stations.

Sunrise Bicycle/Pedestrian, Greenways and Trails Master Plan | Sunrise, Florida | Landscape Planner

Craven Thompson along with Alta Planning + Design was hired by the City of Sunrise to prepare a Bicycle / Pedestrian Greenways & Trails Master Plan. The Plan defines a system of sidewalks, bike lanes, paths, greenways and trails within the City of Sunrise that provides integrated and continuous corridors for non-motorized transportation and recreation throughout the city in a manner that is sensitive to the needs of various user groups, the natural and built environment, the management and maintenance, and potential funding capabilities.

69th Street Greenway Design Guidelines | Coconut Creek, Florida | Landscape Architect

Mr. Peavler worked with the City to develop and prepare an illustrative Design Guidelines package complete with conceptual plans and typical sections to give future developers an understanding of the design intent for the 69th Street Greenway. The Design Guidelines package included landscape guidelines, plans, typical sections, plant palettes, typical lighting elements, and site amenities per the City of Coconut Creek standards.

Hallandale Beach City-Wide Master Plan – Landscape Architecture | Hallandale Beach, Florida | Landscape Architect/Project Manager

- The City of Hallandale Beach hired Craven Thompson to produce a city-wide master plan that functions as a comprehensive document that assessed various infrastructure improvements, both underground and surface, and utilizes the outcome as a basis for preparing construction documents and acquiring funding. This includes City-Wide Master Planning for the 2,800 acres including sidewalk, landscaping, hardscape, median enhancement, complete streets, bike lanes, local roads, sidewalk, and lighting. Craven Thompson provided recommendations for future streetscape corridors, bike lane and greenway planning, and schematic landscape for the City. A full storm water master drainage plan was performed by Craven Thompson in conjunction with this project. Craven Thompson is developed a Capital Improvement Plan and schedule.

SECTION 5: PROFILE OF CONSULTANT



JUSTIN RIETEMA, R.L.A.
LANDSCAPE ARCHITECT



CRAVEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education

Iowa State University,
Bachelors of Landscape
Architecture (2006)

Years of Experience

Total: 14; With Firm: 2

Licenses/Certifications

Florida Registered
Landscape Architect:
LA6667055 (2009)

With over 14 years of experience working in various industries ranging from high-end design, Justin's broad experience involves the holistic design and master planning of resorts and residential communities that includes the site master planning of homes, buildings, roadways and golf courses; to the technical design and construction of pools, water features, pedestrian and vehicular routes, as well as other amenities. Justin has experience with master planning and project management both locally and internationally and has had critical involvement in the planning and design of internationally recognized award-winning projects.

Relevant Experience:

Sunrise Athletic Complex | Sunrise, Florida | Landscape Architect

In general, the project includes: four (4) baseball / softball fields, two (2) soccer fields or one (1) full size multi-use soccer / football field, hard covered dugouts, bleachers with cantilevered shade canopies, centralized two-story concession, restroom, meeting space and scorer's building, one (1) restroom / maintenance building for the soccer fields, two (2) playgrounds with shade structures, sports lighting for all fields, batting cages, two (2) parking lots with entry signage, southbound right turn lane on Pine Island Road, Pedestrian connections to Westpine Middle School for shared use facilities agreement..

Citywide Median Landscape Beautification Conceptual Design | Lauderhill, Florida

| Landscape Architect - Project limits include the medians located within the City right-of-way for these street sections: NW 44th Street from University to Inverrary Boulevard west, NW 19th Street & intersection with NW 55th Avenue, NW 55th Avenue from NW 15th Street to NW 16th Court, NW 16th Street from NW 55th Avenue to NW 54th Terrace, NW 12th Street from NW 42nd Way to SR7/441, NW 16th Street from NW 46th Terrace to NW 38th Avenue, NW 26th Street from NW 41st Avenue to SR7/441, NW 38th Avenue from NW 19th Street to NW 18 Court, NW 38th Avenue from NW 38th Way to NW 5th Court, NW 36th Avenue from W Broward Boulevard to NW 1st Court, NW 33rd Avenue from W. Broward Boulevard to NW 4th Street.

River Oaks Park Preserve | Fort Lauderdale Florida | Landscape Architect

The project consists of final design and construction of a stormwater retention pond, wetland areas, tree islands, native plantings and associated drainage features such as grass berms, culverts and discharge control structures. The project also includes passive recreational park amenities such as an elevated boardwalk, elevated gazebo with educational historical references for the CSX bridge and River Oaks Preserve.

Six Senses Resort, Turks & Caicos - Served as the project manager of this high-end eco-friendly resort and residential project that spans over 200 acres and 1 mile of coast line. The project is situated within a national park with 45 luxurious residential lots and 80 resort villas that are planned around a 20-acre natural lagoon feature.

SECTION 5: PROFILE OF CONSULTANT

JUSTIN RIETEMA, R.L.A. (continued)

Breathless All-inclusive Resort, Riviera Maya, Mexico - Served as the Project Manager / Landscape Architect responsible for design and coordination of AM Resorts flagship 526 room young adult resort. Prepared conceptual plans through construction documents and coordinated with outside disciplines and sub-consultants. Key elements included over 4000 square meters of pools, over-water spa cabanas, pedestrian paths, vehicular circulation and plazas, and other site amenities.

Dreams Las Mareas Hotel, Guanacaste, Costa Rica - Served as the Project Manager / Landscape Architect responsible for design and coordination of AM Resorts first 447 room All-inclusive Costa Rica hotel. Located on an expansive palm-studded beach and surrounded by lush green mountains & jungles on Playa El Jobo in the Guanacaste region of Costa Rica, guests of all ages enjoy an action-packed vacation featuring watersports, land activities, and swimming pools while sunbathing or laying under a thatched palapa. The team prepared conceptual plans through construction documents and coordinated with outside disciplines and sub-consultants. Key elements included over 4000 square meters of pools, swim-out pools, pedestrian paths, vehicular circulation and plazas, and other site amenities.

Hyatt Andaz Hotel, Riviera Maya, Mexico - Served as the Project Manager / Landscape Architect responsible for design and coordination of Hyatt's second ever Andaz resort. The site 11 hectares in size and will feature 213 alluring guestrooms with amazing views of the adjacent cenotes, 18-hole Greg Norman golf course, and the Caribbean ocean. The team prepared conceptual plans through construction documents and coordinated with outside disciplines and sub-consultants who were responsible for siting the hotel buildings and guest suites. Key elements of the design included pools, site furnishings, cart paths, pedestrian paths, vehicular circulation and plazas, and other site amenities.

Bowery Bayside, Tampa Bay, Florida - Served as the Design Manager for this luxury apartment complex situated along the bay. The site amenities include two resort style pools, outdoor kitchen and living areas, dog parks, fire pit areas, pedestrian trails and boardwalks, and kayak launching zones

Miami World Center, Miami, Florida - Served as the Design Manager for this urban mixed-use project that is positioned to reimagine downtown Miami. The major design elements included the outdoor pedestrian spaces and shopping malls, event zones, planting and interactive water feature designs.

Griffin Park, Lake Mary, Florida - Assisting in the design of the public use spaces, this planned residential community consisted of single-family homes that are all connected by a series of parks and green spaces. Designing the arrival signage, fencing details, and park zones were all part of the responsibilities of this project.

Wynn Hotel and Resort Casino, Las Vegas, Nevada - Served as the Director of Architecture and Design for the future 20-acre Crystal Lagoon that is planned for the extension of the Wynn Hotel and Casino. The lagoon will be the showcase centerpiece amenity of the existing hotel as well as additional hotels with over 2000 keys, a convention center, and other future development. Key elements include a large island that will host a restaurant and nightly firework shows, sand beaches, boardwalks, boat access, and other amenities.

Park Place, Metro Development Group, Tampa, Florida - Served as the Director of Architecture and Design for what is planned to be the first Crystal Lagoon in the United States that is designed to incorporate many new key features never seen before in a Crystal Lagoon. Key elements include a waterslide, wet deck seating areas, floating inflatable play structures, interactive play fountains, as well as swim up seating areas. The Metro development team has planned this community of approximately 1,000 single family homes to all have access to this 8-acre Crystal Lagoon.

SECTION 5: PROFILE OF CONSULTANT



PATRICK J. GIBNEY, P.E.
LEAD CIVIL ENGINEER



CRANEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

Education

Rutgers, The State University,
Bachelor of Science
in Civil Engineering
(1987)

Years of Experience

Total: 32; With Firm: 26

Licenses/Certifications

State of Florida
Professional Civil Engineer
Florida No. 49428 (1995)

FDOT Pre-Qualified
Roadway Construction
Engineering Inspection

Mr. Gibney has over thirty-two years of experience providing project management, design and construction management services for public civil engineering projects. These projects include infrastructure improvements for a multitude of infrastructure rehabilitation projects. This includes design and CEI services for water distribution systems, sanitary sewer collection & transmission systems, pavement design, storm water management systems, drainage systems, preparation of contract documents and specifications & construction inspections.

Relevant Experience:

NE 34th Court Complete Streets Project | Oakland Park, Florida | Project Manager
The streetscape and engineering services include full roadway reconstruction design, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the Oakland Park Public Works & Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction.

NE 38th Street Complete Streets Project | Oakland Park, Florida | Project Manager
The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main Project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilized FDOT LAP funding for construction.

SW 41st Place, Eastside Infrastructure Improvements, Phase I | Davie, Florida | Project Manager - Preparation, permitting and bidding of Phase I of Eastside Infrastructure Improvements, including storm drainage, roadway, water and sanitary sewer improvements.

Sidewalk, Swale, Drainage & Roadway Improvements CDBG 41 | Hallandale Beach, Florida | The project included ADA connections, details and cross-sections for the Project Area. The sidewalk was installed to complete the existing neighborhood sidewalk network. Swales were constructed adjacent to the new sidewalks and exfiltration trench was installed to eliminate nuisance flooding. Upgraded ADA pedestrian ramps and driveways, sidewalks, re-graded swales and coordination with drainage agencies.

NW 10th Avenue Roadway Improvement Project | Oakland Park, Florida | Project Manager - The scope of work includes design of 2,900 linear feet of roadway, landscaping, irrigation, photo-metrics, coordination, drainage, LAP services, etc. for the NW 10th Avenue Roadway Project from Park Lane West (NW 33rd Street) to Prospect Road, including preparation of contract documents and permitting. Generally, improvements include the addition of bike lanes, curbing, six (6) feet wide sidewalk on the west side of the roadway, landscaping and irrigation system, swale and street lighting improvements.

SECTION 5: PROFILE OF CONSULTANT

PATRICK J. GIBNEY, P.E. (continued)

NE 5th Avenue Roadway & Streetscape Improvements | Oakland Park, Florida | Project Manager

This 0.6-mile roadway project consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground. The Project began in May 2010 and was completed in June 2011. Patrick was the Lead Engineer responsible for in-house inspections of the roadway, sidewalks, drainage and water systems as well as coordinating the electrical inspections of a sub-consultant.

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Project Director

The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

Floranada Road Traffic Calming Improvements | Oakland Park, Florida | Project Manager

This project involved landscape architecture, professional engineering services for the design and permitting of traffic calming and other roadway improvements. The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson included traffic roundabouts at the roadway's intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

NW 21st Avenue Broward County Right of Way | Broward County, Florida | Project Manager

This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The project included a 72" diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping and irrigation, lighting and signalization. Patrick served as project manager for the project responsible for the inspections of multiple disciplines provided by sub-consultants and in-house inspectors.

Davie Road Phase 1 CEI Services | Davie, Florida | Project Director - This project was for the construction engineering inspection services to re-construct a public roadway known as Davie Road Phase 1 within public right-of-way owned by Broward County extending from the State Road 84 Right-of-Way to Nova Drive. The length of the reconstruction was approximately 2,640 linear feet. The work consisted of pavement, base and sub-grade reconstruction, curb & gutter, bike lane, sidewalk and median construction, driveway reconstruction within the Right-of-Way, drainage system construction, landscaping & irrigation construction, pavement marking & signage, and traffic signal modification.

NE 183rd Street Median Drainage Improvements | Aventura Florida | Project Manager

Craven Thompson provided surveying, civil engineering, and CEI services for NE 183rd Street Median Drainage Improvements east of NE 27th Avenue. Mr. Gibney directed the preparation of design plans to rectify localized flooding by repaving a segment of the existing roadway. Prepared bid documents and assisted with RFI responses during construction.

SECTION 5: PROFILE OF CONSULTANT



MATTHEW CIGALE, P.E.
CIVIL ENGINEER

Mr. Cigale's extensive knowledge includes roadway design, water distribution system design, wastewater collection & transmission system design, storm water management/drainage design, planning and calculations, project management, cost estimation, construction permitting, and construction management.

Relevant Experience:

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Lead Civil Engineer - The project area is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included: Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip irrigation on the west side of NE 14th Avenue; landscape screening along north, south, and west sides.

LW 2020 Mater Plan Year 1 Improvements | Lake Worth Beach, Florida | Project Manager - Project includes design, permitting, Year 1 of the Lake Worth 2020 Master Plan. The project includes the rehabilitation of right-of-way infrastructure including roads, alleys, curb, sidewalk, hardscape, drainage, and potable water. The project includes over 13,000 linear feet of roadway and storm sewer along with in excess of 6,000 linear feet of water main.

North County Neighborhood Improvements Project, NE Quadrant | Broward County, Florida | Project Engineer - Assisted in design of roadways, right-of-way improvements (ADA, sidewalk, swales, etc.) sanitary sewer collection system consisting of 69,550 linear feet - 8" gravity main, 807 linear feet - 10" gravity main, 129 linear feet - 12" gravity main, and 144 linear feet - 16" gravity main. The sanitary force main system consisted of 540 linear feet - 8" main, and 1,540 linear feet 12" main. The water distribution system additions included 35,626 linear feet - 6" main, 10,161 linear feet - 8" main, 841 linear feet - 12" main, 1,306 linear feet - 20" main, and 1,023 linear feet - 24" main.

6th Avenue South Roadway & Streetscape Improvements | Lake Worth Beach, Florida | Project Manager - The project limits are 6th Avenue South - Federal Highway to Dixie Highway. The scope of work includes mill existing pavement 1" +/- and reconstitute existing Type F curb, selective removal/replacement of sidewalk and curbing, striping, ADA ramps, and traffic calming features that will add aesthetic value.

Garden Acres | Oakland Park, Florida | Project Manager - Responsible for preparation of Contract Documents, Permitting and Construction Management for 25-acre residential infrastructure improvement(s) retrofit within the City of Oakland Park. Services include: roadway design; storm water design; water distribution system design; wastewater collection & transmission systems design; permitting; bidding assistance and construction administration.



CRAVEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

Education

Clarkson University,

Potsdam, New York

Bachelor of Science

in Civil Engineering (1996)

Years of Experience

Total: 21; With Firm: 19

Licenses/Certifications

State of Florida

Professional Civil Engineer

Florida No. 74584 (2012)

SECTION 5: PROFILE OF CONSULTANT

MATTHEW CIGALE, P.E. (continued)

NW 21st Avenue Broward County Right-of-Way | Oakland Park, Florida | Project Engineer

This 1.2-mile roadway project consisted of widening the existing three (3) lane roadway (north-south and bi-directional turn lane) to a five (5) lane roadway (2 north-south travel lanes and a bi-directional turn lane). The Project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping and irrigation, lighting and signalization.

Washington Road Basis of Design Review (BODR) | West Palm Beach, Florida | Project Manager

The Basis of Design Report (BODR) for the Washington Road (Monceaux Road to Edgewood Drive) study area provides a preliminary master plan for the future construction of infrastructure improvements. The study area, totaling approximately three (3) acres, is located within a single-family residential neighborhood of West Palm Beach where many of the existing utility systems are inadequate, aging and in need of reconstruction. This BODR will provide a basis for the final design of infrastructure improvements for the study area. The study provided for due diligence and preliminary engineering for potable water, sanitary sewer, stormwater / drainage, paving, curb & gutter, and sidewalk.

Spangler Boulevard | Port Everglades, Florida | Project Manager

Managed the design, permitting, and bidding. This project involved reconstructing the existing 4-lane divided urban collector into two 2-lane roadways with a security barrier between the parallel pairs to provide a secured roadway inside the Port Everglades operational areas and an unsecured roadway for access to the Greater Fort Lauderdale - Broward County Convention Center. The project originally included an extensive traffic impact study and evaluation of alternative by-pass corridors, but was expanded to include design of new security checkpoints, street lighting, traffic signal modifications, the relocation of a dynamic message sign, landscape improvements, a sally-port vehicular barrier, and a security screen on the south and east faces of the multi-level parking garage adjacent to the convention center.

McIntosh Road | Port Everglades, Florida | Project Manager

Managed the design modifications, permit modifications, and construction engineering services, which included road realignment studies, surveying, transportation and geotechnical engineering, and Resident Project Representative services related to the expansion of the McIntosh Road corridor from an existing 4-lane divided urban collector to 6-8 lane divided urban collector with dedicated storage lanes for each container yard. The project included evaluating several alignment options to decrease delay and travel times, vehicle emissions and total fuel consumption. Craven Thompson designed enhanced driveway connections to each container yard with overhead illuminated way-finding signs to guide truck traffic along the dedicated storage lanes thereby freeing up the through lanes. The engineering services include storm water management design and permitting and an evaluation of alternative methods for accommodating new roadway construction over organic materials.

SECTION 5: PROFILE OF CONSULTANT



DOUGLAS R. TAYLOR, P.E.
CIVIL ENGINEER

Mr. Taylor has been responsible for a multitude of municipal engineering / roadway / drainage projects throughout Florida. This includes project management, master design responsibility and oversight for a variety of projects. Mr. Taylor has 36 years of experience in civil engineering.

Relevant Experience:

Livable Neighborhoods Improvements Project | Miami Gardens, Florida | Senior Engineer. Mr. Taylor assisted in the design of the construction phases of the project including roadway, storm water modeling with ICPR, new storm sewer system, swale improvements, and storm water quality treatment, street lighting and landscaping improvements to select roadway corridors along with comprehensive storm water management systems for each neighborhood.

SW 36th Street | Davie, Florida | Senior Engineer. The 3,300-foot length of SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, portions of SW 36th St. owned by NSU was dedicated to the Town.

Miramar Historical Area Complete Streets Project – Phase II | Miramar, Florida Senior Engineer - Craven Thompson was selected to survey, design, permit, and provide construction services for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and CEI for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and SR 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.

Kimberly Boulevard Streetscape Improvements | North Lauderdale, Florida | Project Manager - Project Manager for the design and permitting of 1.2 miles of roadway, bicycle lane, median enhancements, a roundabout, landscaping, hardscape and lane reduction for an existing four-lane roadway subject to speeding and traffic accidents between autos, pedestrians, and bicyclists, Craven Thompson is providing survey, civil engineering, landscape architecture and construction administration and inspection.

NE 207th Street Milling & Resurfacing Project | Aventura, Florida | Senior Engineer - The project included the milling and resurfacing of NE 207th Street from Biscayne Boulevard up to the One Island Place gatehouse, which is approximately 2,100 feet East of NE 34th Avenue. The work also included curb & gutter repair, pavement marking & signage, and manhole/valve box adjustments.

Traffic Calming at the Intersections of 123rd Street & NW 1st Court, 123rd Street & Miami Court, NW 139th Terrace & NW 5th Court | North Miami, Florida | Lead Engineer - The project involved the development of designs for traffic calming features along NW 123th Street and NW 1st Court, NW 123rd Street and NW Miami Court, and 139th Street NW 5th Court in the City of North Miami. These intersections had large of expanses of pavement without traffic control and therefore required the implementation of traffic calming features. Craven Thompson design elevated intersections, removed pavement and introduced curbing to reduce speeds



CRAVEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education

University of Illinois,
Bachelor of Science in
Civil Engineering (1984)

Years of Experience

Total: 36; With Firm: 9

Licenses/Certifications

State of Florida
Professional Civil Engineer
Florida No. 50569 (1996)

TS EM5 Intermediate
ICS (G300) Certification

SECTION 5: PROFILE OF CONSULTANT

Douglas R. Taylor, P.E. (continued)

Griffin Road Expansion | Broward County, Florida | Project Manager

As growth in this area progressed, the need for additional lanes on this collector road became necessary. Improvements included milling and resurfacing of two miles of highway and the addition of two lanes of new roadway to create a four-lane section. Additional drainage was added along with providing additional water quality and water quantity storage. Designed pavement marking and signage plans for the new roadway section. This involved planning, design, permitting, and construction related services.

College Avenue Improvements Phase I | Davie, Florida | Project Manager

Design and permitting of .60 miles of improvements for the Town of Davie including taking a two-lane rural section with poor drainage to a four-lane urban section with bike lanes, curbing, median, sidewalk, a new drainage system, lighting, landscaping, and irrigation. Permitted the project through Central Broward Water Control District (CBWCD), South Florida Water Management District (SFWMD), and Broward County Highway Construction and Engineering Division. Developed pavement marking and signage plans for the project.

NW 38th Street Improvements | Oakland Park, Florida | Project Manager

Design and permitting for the complete reconstruction of a quarter mile of existing heavily traveled two lane road with failing asphalt and base and poor drainage. The project was permitted through Broward County and the SFWMD.

NE 12th Avenue Improvements | Oakland Park, Florida | Project Manager

Design and permitting for 0.50 miles of roadway in the Oakland Park Downtown CRA area. The roadway previously had very poorly defined lanes, parking and drainage. The re-design clearly delineated the lanes, placed "bulb outs", constructed parking, improved drainage and pavement marking & signage and significant pedestrian improvements.

Miami Springs City-Wide ADA Ramps | Miami Springs, Florida

Mr. Taylor assisted with the design and permitting of new and replacement ADA ramps throughout the City. The project was funded through the legislative appropriation process. The project included field evaluation of intersections throughout the City to determine the location of non-conforming or missing ADA ramps. Craven Thompson developed a set of construction plans for installation of the ramps per FDOT standards.

SECTION 5: PROFILE OF CONSULTANT



DON SHAVER
CONSTRUCTION ADMINISTRATION

Mr. Shaver is the Construction Manager responsible for coordination with clients and contractors, supervision of inspection personnel, inspection of infrastructure engineering projects including, water distribution systems, sanitary sewer systems, storm drainage and roadways. Performs shop drawing reviews, pay application processing, certifications, construction management and review of record drawings for private and municipal clients.

Relevant Experience:

NE 29th Place (North) Roadway Improvements | Aventura, Florida | Construction Manager - Responsible for Construction Management. Project involved the milling and resurfacing of existing roadway, installation of curb and gutter, pavement marking, signage, and traffic signal loops drainage installation, cleaning and videoing of drainage system, sidewalk construction, tree removal and installation, and light pole modifications on NE 29th Place (North) from Aventura Blvd. to NE 203rd Street.

Garden Acres Neighborhood Improvements | Oakland Park, Florida | Construction Administrator/Manager - The water improvements consisted of 5,591 linear feet of 6" diameter main, and 962 linear feet of 8" diameter main. The drainage system consisted of 4" deep roadway swales, 2,136 linear feet of storm sewer, 4,171 linear feet and of exfiltration trench. The swales and exfiltration trenches handle the water quality volume generated by the roadway right-of-way area. The project also included major roadway, and sanitary sewer improvements. The sanitary improvements consisted of 7,045 linear feet of 8" diameter sewer, 218 linear feet of 4" diameter force main, and 1,044 linear feet of 6" diameter force main. Craven Thompson provided design and Construction Engineering & Inspection services. The project was certified through the City, Broward County Public Health Unit, Broward County Wastewater & South Florida Water Management District.

NE/NW 6th Street (Sistrunk Blvd.) Streetscape and Enhancement Project, Fort Lauderdale, Florida - Construction Management services and oversight of Resident Project Representative (RPR) for Sistrunk Blvd. Streetscape and Enhancement Project. The project was funded and managed by the Fort Lauderdale CRA and included streetscape improvements consisting of landscape, median, paver sidewalk, lighting, drainage and other improvements. Work included close coordination with existing businesses during construction, public relations to keep all parties informed of improvements, maintenance of traffic coordination to ensure access to all affected properties throughout construction and a full time RPR on-site managing the project. The project was federally funded including LAP funding.

191st Street Drainage Improvements | Aventura, Florida | Construction Manager - Approximately 600', 60' right-of-way. Craven Thompson provided surveying, civil engineering (design, permitting & bid assistance) and CEI services on the project.



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Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Education

Kansas State University,
Bachelor of Science -
Construction Science (1981)

Hutchinson Community
College, Associates in
Technical Education, Building
Science (1978)

Years of Experience

Total: 39; With Firm: 20

Licenses/Certifications

State of Florida General
Contractor (Inactive)

SECTION 5: PROFILE OF CONSULTANT

DON SHAVER (continued)

SW 36th Street | Davie, Florida | Construction Manager

Craven Thompson provided civil engineering, CEI, and miscellaneous survey services for the project. SW 36th Street was designed as a two (2) lane divided boulevard from College Avenue to SW 76th Avenue within a 75-foot public right-of-way width. In connection with this improvement, any portions of SW 36th Street dedicated to the Town of Davie by Nova Southeastern University for roadway purposes.

NE 14th Avenue Streetscape Improvements | Hallandale Beach, Florida | Construction Manager for the Mill and overlay of the entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscaped islands.

Miramar Historic Area Complete Streets Phase II | Miramar, Florida | Construction Manager

Mr. Shaver was responsible for Construction Management for Phase II of their Historical Area Complete Streets Project which included six (6) streets with the following improvements: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape.

NE 38th Street Complete Streets Project, Oakland Park, Florida –Construction Manager

The consulting services included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction.

Floranada Road Traffic Calming Improvements, Oakland Park, Florida - Construction Manager

This project involved landscape architecture, professional engineering services for the design and permitting of traffic calming and other roadway improvements. The City of Oakland Park was seeking to implement traffic calming measures to enhance the safety of pedestrians and automobiles on Floranada Road between Dixie Highway and Federal Highway. Improvements surveyed, designed and permitted by Craven Thompson & Associates included traffic roundabouts at the road intersections with NE 13th Avenue and NE 16th Avenue. Two traffic chokers were installed at NE 15th Avenue and at NE 15th Terrace.

Davie Road Phase 1 CEI Services | Town of Davie, Florida | Construction Manager

This project was for the construction engineering inspection services to re-construct a public roadway known as Davie Road Phase 1 within public Right-of-Way owned by Broward County extending from the State Road 84 Right-of-Way to Nova Drive. The length of the reconstruction was approximately 2,640 linear feet. The primary intent was for CTA to provide construction engineering inspection services for the re-construction of the roadway. The construction project consisted of pavement, base and sub-grade reconstruction, curb & gutter construction, bike lane construction, sidewalk construction, median construction, driveway reconstruction within the Right-of-Way, drainage system construction, landscaping & irrigation construction, pavement marking & signage, traffic signal modification at Reese Road and at Nova Drive, street lighting, and coordination with utility companies.

Resurfacing and ADA Sidewalk Improvements | Miami Gardens, Florida | - Construction Manager

The resurfacing and ADA walk improvements included approximately 24,000 LF of road throughout the city in three neighborhoods. The neighborhoods consist of a mixture of single and multi-family residential dwellings. Significant amounts of the existing roadway infrastructure within these neighborhoods did not meet current ADA requirements, which warranted attention in order to conform to current standards.

SECTION 5: PROFILE OF CONSULTANT



RICHARD D. PRYCE, P.S.M.
SURVEYOR



CRAVEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

education

Broward Community College,
Associate of Science in
Criminal Justice (1978)

years of experience

Total: 42; With Firm: 13

licenses/certifications

Professional Surveyor
and Mapper: LS4038 (1983)

publications

Co-author POB Magazine -
"22,000 Acres and Counting"
November 1998

Co-author POB Magazine -
"The CAD Resolution"
September 1999

affiliations

Past Director - Broward County
Chapter of Florida Surveying &
Mapping Society
State & County Chapters, Florida
Surveying & Mapping Society
American Congress on
Surveying and Mapping
National Society of
Professional Surveyors
American Society of
Photogrammetry and
Remote Sensing

Mr. Pryce has over forty-two years of experience surveying in South Florida. He has specialized in all aspects of the land surveying & mapping profession and has also specialized in developing GIS/Survey applications using ESRI ArcGIS software since 1990. Mr. Pryce has specialized training in BLM PLSS retracement surveys, legal research and resolving boundary disputes. Mr. Pryce has been fully trained on Leica 3D Laser Scanners and 3D Modeling for use in High Density Surveying of Commercial, Historical and Utility Sites. He has also been developing ways to analyze Lidar data for City-wide Storm water and Drainage studies.

Relevant Experience:

NE 34th Court Complete Streets Project Survey | Oakland Park, Florida | Lead Surveyor – Mr. Pryce managed the topographic surveying to create the design base sheets for the complete streets project. The project included full roadway reconstruction design, traffic calming, storm water management ICPR modeling and design, utility coordination and relocation, landscape and streetscape enhancement, and all associated jurisdictional permitting. This project required permit approvals from Broward County Environmental Protection Department (EPD), Broward County Health Department, and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction. Craven Thompson and Associates assisted the City of Oakland Park with the funding procurement.

NE 38th Street Complete Streets Project Survey | Oakland Park, Florida | Lead Surveyor Mr. Pryce managed the topographic surveying to create the design base sheets for the complete streets project. The project included landscape and streetscape enhancement, a complete storm sewer system, a roundabout to replace an existing traffic signal, traffic calming devices, utility coordination and relocation, and full roadway reconstruction. The main project objective was to discourage truck traffic and redirect cut-through traffic from NE 38th Street to alternate routes between Andrews Avenue and NE 11th Avenue. This project required permit approvals from Broward County Environmental Protection Department (EPD), and the City of Oakland Park Public Works and Engineering and Community Development Departments. This project utilizes FDOT LAP funding for construction.

Miramar Historical Area Complete Streets Project – Phase II Survey | Miramar, Florida | Principal Surveyor – Mr. Pryce directed the topographic & right-of-way survey for Phase II of their Historical Area Complete Streets Project. The project includes surveying, landscape and engineering design, permitting and construction services for complete streets bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east. The project includes six (6) streets in the Historical Area. The improvements include: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping and hardscape. The City received a grant through the Broward Redevelopment Program for the improvements.

SECTION 5: PROFILE OF CONSULTANT

RICHARD D. PRYCE, P.S.M. (continued)

NE 14th Avenue Streetscape Improvements Survey | Hallandale Beach, Florida | Principal Surveyor

Mr. Pryce managed the surveying tasks for the topographic survey of this road. The project is along NE 14th Avenue, between Hallandale Beach Boulevard and Atlantic Shores Boulevard. The project corridor is approximately 3,400 linear feet. The project included Mill and overlay entire roadway (including pavement markings); on east side of NE 14th Avenue, mill and overlay off-street parking (including pavement markings) and provide new Type 'D' curbed landscape bulb-outs to delineate parallel parking and include canopy trees, shrubs, groundcover and spray and drip irrigation; bike lanes on both sides of roadway; curbing or other treatments at existing driveway entrances; canopy trees with ground cover intermingled and drip.

NW 21st Avenue Broward County Right of Way Survey | Broward County, Florida | Lead Surveyor

Craven Thompson prepared a topographic survey of the existing road throughout the project limits. This 1.2-mile roadway project consisted of widening the existing three (3) lane road (north-south and bi-directional turn lane) to a five (5) lane road (2 north-south travel lanes and a bi-directional turn lane). The Project included a 72" Diameter regional storm drain system that will provide flood protection to approximately 500 acres of existing developments. The 72" storm drain was jacked under the CSX Railroad Tracks and a new outfall was constructed in the C-13 Canal. The work included approximately 5,000 linear feet of water main and force main installation, curb and gutter, landscaping, irrigation, lighting & signalization.

NE 5th Avenue Roadway & Streetscape Improvements Survey | Oakland Park, Florida | Principal Surveyor

Mr. Pryce managed the topographic survey tasks for this 0.6-mile roadway project which consisted of reconstruction of a two (2) lane roadway, paver intersection and crosswalks, addition of parallel parking stalls, 3,000 linear feet of water main replacement, 2,500 linear feet of storm drain installation, sidewalks, landscaping and irrigation, lighting and franchise utility service placement underground.

3D Laser Scanning portion of Interstate 95 Topographic Design Project | Principal Surveyor and Technical Director of 3D Laser Scan Survey of a portion of Interstate 95 for Broward County Engineering to get topographic elevations across 6 lanes of highway to centerline median wall for design of temporary roadway for construction traffic to offload storm drainage pipes.

SW 188th Avenue Topographic Survey | Southwest Ranches, Florida | Project Manager

Craven Thompson prepared a topographic survey of portions of the following multiple roadways within the Town of Southwest Ranches. The total project length, including all adjacent side street sections, covers approximately 14,300 lineal feet. SW 188th Avenue, from the north edge of pavement of Griffin Road southerly, to the end of the existing asphalt pavement, which covers the existing public right-of-way section only. This section included a portion of the existing Griffin Road, pavement only, lying within one hundred (100) feet east and west of the centerline of SW 188th Avenue. This includes: SW 186th Way, from SW 61st Court southerly, to a cul-de-sac at its southerly end; SW 61st Court, lying between SW 185th Way and SW 186th Way. This includes a portion of SW 185th Way, fifty (50) feet north and south of the centerline of SW 61st Court; SW 63rd Street, from SW 185th Way westerly, to the canal west of SW 188th Avenue. This will include a portion of SW 185th Way, fifty (50) feet north and south of the centerline of SW 61st Court; Stirling Road, straddling SW 188th Avenue, end to end; SW 57th Court, straddling SW 188th Avenue, from dead-end, east of SW 188th Avenue, west to the canal; SW 54th Place, straddling SW 188th Avenue, from dead-end, east of SW 188th Avenue, west to the canal. SW 51st Manor, straddling SW 188th Avenue, end to end.

SW 190th Avenue Topographic Survey | Southwest Ranches, Florida | Project Manager

Craven Thompson prepared a topographic survey of SW 190th Avenue, from one hundred (100) feet south of SW 49th Street, to the north edge of pavement of Griffin Road, approximately 1,215 linear feet in length. The survey consisted of the existing twenty (20) foot wide of platted right-of-way, and a minimum of thirty (30) feet west and twenty-five (25) feet east of the existing right-of-way, for locations and topographic elevations. At the intersections of Griffin Road and SW 49th Street, the locations included up to one hundred (100) feet east and west of each intersection.

SECTION 5: PROFILE OF CONSULTANT



RAYMOND YOUNG, P.S.M.
SURVEYING

Mr. Young has thirty-nine years of experience surveying in South Florida. He has performed both field and office work on a variety of projects both large and small. He is experienced in all aspects of surveying including boundary, topographic, construction layout, ALTA mortgage, as-built, control and location surveys. He has prepared numerous plats and has been involved in the recordation of these plats.

Related Work Experience (Partial Listing):

Biscayne Lake Gardens Milling & Resurfacing Survey | Aventura, Florida | Surveyor
Mr. Young prepared a topographic survey of aboveground improvements up to 2' beyond the edge of pavement for roadway milling, resurfacing and pavement marking drawings for the following areas within Biscayne Lake Gardens: NE 29th Court, NE 201st Terrace, NE 27th Court, and the frontage road along NE 203rd Street, a distance of approximately 3,500 feet.

Livable Neighborhood Improvement Project - Vista Verde Phases 1A & 1B Survey | Miami Gardens, Florida | Surveyor - Mr. Young provided surveying services for the project which included surveying from right-of-way to right-of-way and 10' beyond for 2000 LF of roadway right-of-way. This involved location of all visible above ground improvements as well as obtaining inverts for storm and sanitary structures. Mr. Young then developed an engineering base map for design.

Miramar Historical Area Complete Streets Project - Phase II Survey | Miramar | Florida - Mr. Young prepared the topographic survey of the right-of-way of six (6) blocks within the Historical area of Miramar. The area is bounded by Pembroke Road to the north, County Line Road to the south, SW 62nd Avenue to the west, and State Road 7 to the east.

NE 29th Place & NE 203rd Street Sidewalk Improvement Survey | Aventura, Florida | Surveyor - Mr. Young prepared a topographic survey specific to the preparation of improvements along NE 203rd Street from NE 29th Place to NE 29th Court. The improvements consist of the addition of a sidewalk from the existing bus stop on NE 29th Place (on the west side of the roadway) to the northeast corner of NE 29th Court at NE 203rd Street, including a marked crosswalk across NE 29th Court. The topographic survey was of the existing right-of-way of NE 203rd Street from 100 feet west of NE 29th Court to NE 30th Avenue containing 500 LF of road.

Country Club Drive Milling & Resurfacing Survey | Aventura, Florida | Surveyor - Mr. Young prepared the survey and design base sheet for the complete milling and resurfacing of the outside half of right-of-way of Country Club Drive, including milling, asphalt paving, curbing, sidewalk repairs, re-setting brick pavers, handicap ramps, adjusting utilities, pavement markings, grading and restoration.

Nova Southeastern University - Parking Garage Construction Layout | Davie, Florida | Surveyor - Mr. Young calculated the position of, and field staked seventy-seven (77) pilings for the parking garage at NSU. We placed a 60d nail or 5/8" iron rod at the center of each piling.



CRAVEN THOMPSON & ASSOCIATES INC.

Firm:

**Craven Thompson &
Associates, Inc.**

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

years of experience

Total: 39; With Firm: 27

licenses/certifications

Professional Surveyor
and Mapper: LS5799

affiliations

Florida Society of
Professional Surveyors and
Mappers

SECTION 5: PROFILE OF CONSULTANT

RAYMOND YOUNG, P.S.M. (continued)

East Las Olas Boulevard Forcemain Survey | Fort Lauderdale, Florida | Project Surveyor

Mr. Young prepared Topographic Survey of that portion of the above referenced project, sufficient for engineering design of the Force Main Improvements. This survey included the Rights of Way of Las Olas Boulevard from SE 17th Avenue to Lido Drive. The survey also included recovery of pertinent boundary corners, location of aboveground visible improvements, including pavement, slabs, fences, trees, utility features, walls, etc.

NE 207th Street Milling & Resurfacing Project | Aventura, Florida – Surveyor

He prepared the topographic design survey for the project which included the milling and resurfacing of NE 207th Street from Biscayne Boulevard up to the One Island Place gatehouse, which is approximately 2,100 feet East of NE 34th Avenue. The Work also included curb & gutter repair, pavement marking & signage, and manhole/valve box adjustments.

NE 29th Place North Roadway Improvements | Aventura, Florida

Surveying lead for the milling and resurfacing of existing roadway, installation of curb and gutter, pavement marking, signage, and traffic signal loops drainage installation, cleaning and videoing of drainage system, sidewalk construction, tree removal and installation, and light pole modifications on NE 29th Place (North) from Aventura Boulevard to NE 203rd Street.

NE 185th Street Left Turn Lane Extension | Aventura, Florida

Surveying Lead - Prepared a topographic survey of a portion of NE 185th Street, east of Biscayne Boulevard including the full right-of-way for NE 185th Street beginning at the east end.

Lake Worth 2020 Master Plan - R.O.W./Topographic Survey | Lake Worth Beach, Florida | Surveyor

Mr. Young prepared a boundary and topographic survey of the rights-of-way covering approximately 3.25 miles of roadway. The survey meets all of the current surveying requirements of the Board of Professional Surveyors and Mappers of the State of Florida, as defined in Chapter 5J-17.050 - .052, Florida Administrative Code.

L-12 Canal ROW Annexation Easement Sketch & Legal Description | Greenacres, Florida | Surveyor

Mr. Young prepared a sketch and description for a portion of the LWDD L-12 canal right-of-way between Raulerson Drive and Military Trail as part of the effort to annex the property. This task included calculating the area of the property description.

Greenacres - Digital Topographic Mapping for FEMA Flood Map | Greenacres, Florida

The survey included a GPS network of control to meet horizontal and vertical accuracies to 0.10 feet on all hard surfaces within the project area. This consisted of setting 20 aerial targets to control an area of about 7,700 acres from Southern Boulevard, south to Lake Worth Road and from Military Trail west to Pinehurst Drive. Our survey crews then ran level loops and cross-sections over 304 ground truth checks on hard surfaces at 30 street intersections across the City with accuracy of 0.09 feet at one sigma and 0.18 feet accuracy at 95% two-sigma. The LiDAR data was delivered and accepted by FEMA.



Lillian M. Reyes, P.E.

Professional Record

Ms. Reyes is the chief electrical engineer for Electrical Design Associates, Inc. Ms. Reyes is experienced in designing electrical power distribution for municipal systems, water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for parks, roadway, and industrial facilities, security and fire alarm systems for commercial and government buildings, manufacturing facilities, computer rooms, schools, hospitals and residential dwellings. Ms. Reyes project management responsibilities encompass preliminary and final design, cost estimating, and construction/start-up services.

Experience:

Ms. Reyes is experienced in electrical design for various projects within the private and public sector. Ms. Reyes was the project manager, in responsible charge, for all electrical design concerns for the following projects:

- SW 12th Avenue Improvements
Delray Beach, Florida
- Boynton Beach Blvd Street Lighting
Palm Beach County, Florida
- Lyons Road Lighting Improvements
Palm Beach County, Florida
- Clint Moore Rd to W Atlantic Ave Street Lighting
Palm Beach County, Florida
- Hypoluxo Road Street Lighting
Palm Beach County, Florida
- Gun Club Road Street Lighting
West Palm Beach, Florida
- Lake Worth Road to L-14 Canal Street Lighting
Palm Beach County, Florida
- NE 1st Avenue Improvements
Delray Beach, Florida
- Atlantic Dunes Lighting Project
Delray Beach, Florida

Academic Credentials:

Bachelors of Science in Electrical Engineering
Florida Atlantic University, 1988

Professional Engineer - Florida

Employment Record:

1998-Present - Electrical Design Associates, Inc.
Owner/President,
Chief Electrical Engineer

1996-1999 - Bailey Engineering Consultants, Inc.
Electrical Engineer

1989-1996 - Intl Business Machines, Corp.
Senior Associate Engineer

1988-1989 - Brabham Debay and Associates, Inc.
Electrical Engineer

Principal Areas of Expertise:

Electrical Design of Power Distribution, Lighting,
Security and Fire Alarm Systems for Environmental,
Municipal and Commercial Projects

Electrical Cost Estimating

Professional Activities:

Florida Engineering Society (FES)
Illuminating Engineering Society (IES)
National Fire Protection Association (NFPA)
American Society of Agricultural Engineers (ASAE)



Dameion Donaldson, P.E.

Professional Record

Mr. Donaldson is an electrical engineer with 16 years of experience in various projects within the private and public sectors. He is experienced in designing electrical power distribution for municipal systems, water and wastewater treatment facilities, above and below ground distribution systems, lighting systems for roadway and industrial facilities. His electrical designing responsibilities encompass all aspects of drawing production, as well as system design.

Experience:

Mr. Donaldson has been involved in the electrical system design on a variety of projects including, but not limited to:

- Miramar Complete Streets Project
Miramar, Florida
- Rutland Boulevard Improvements
West Palm Beach, Florida
- Sandalfoot Boulevard Lighting Improvements
Palm Beach County, Florida
- Haverhill Road Lighting Evaluation
Greenacres, Florida
- Okeechobee Blvd Lighting
Royal Palm Beach, Florida
- Monceaux Road Improvements
West Palm Beach, Florida
- Waterfront Commons
West Palm Beach, Florida
- Hillsborough Blvd Improvements
Deerfield Beach, Florida
- CROC Parking Lot Expansion
Palm Beach County, Florida

Academic Credentials:

Bachelors of Science in Electrical Engineering
Florida International University, 2003

Professional Engineer – Florida 70851

Employment Record:

2011-Present: Electrical Design Associates, Inc.
Electrical Engineer

2009-2011: Lea & Elliot, Inc.
Electrical Project Engineer

2008- 2009: Gers USA Consulting
Electrical Engineer

2006-2008: Electrical Design Associates, Inc.
Electrical Engineer

2004-2005: Ivax Research, Inc.
Electrical Project Engineer

Principal Areas of Expertise:

Electrical Design of Power Distribution, Lighting, and Fire Alarm Systems for Environmental, Municipal and Commercial Projects

Electrical Cost Estimating
Testing and Commissioning

Professional Activities:

Florida Engineering Society (FES)
Institute of Electrical & Electronics Engineers (IEEE)
IEEE Power and Energy Society

ANDRES GARCIA, ULM

InfraMap Corp - West Palm Beach, Florida

**EDUCATION**

Palm Beach State College, Associates in Science

TRAINING

InfraMap Training Program for Utility Locating /Designating Certification/Instructor
ATSSA, Traffic Control Supervisor Certification, August, 2000
Confined Space Entry Training Program Certification (OSHA 1910.146)
FUCC Utility Coordination Discussion Seminar Regular Attendee
CSX Roadway Worker Protection Annual Certification

KEY QUALIFICATIONS - BIO

Mr. Garcia has performed utility locating assignments for InfraMap Corp in Florida, Virginia, Maryland, Georgia and Alabama since 1998. He currently is a Senior Utility Location Manager and is proficient with utility designating, performing test holes and utility CADD. Mr. Garcia's responsibilities include utility designation and test hole project management, attending utility scoping meetings, permitting, records research, traffic control supervision, field data collection and quality control. His duties also include vacuum excavation equipment maintenance as well as preserving FDOT Standards Compliance in each submittal.

Mr. Garcia has excelled as a survey party chief with experience in Total Station survey and data collector knowledge (electronic field book, TDS functions, and three wire bench runs and GPS/RTK on several designating and utility locating projects). His assistance in the survey EFB data collection compliance further adds to InfraMap's knowledge and experience.

PROJECT EXPERIENCE

Role for the following projects: Senior Utility Location Manager - obtains utility records and ROW permits, QA/QC, supervisory of field crews, meets with utility company locators and MOT set up.

Loxahatchee River and Environmental Control District, Palm Beach County, July 2014 – Feb 2015:

Inframap has performed Utility Locating and Mapping Services in the Loxahatchee River District. Projects include the investigating of infrastructure conflicts for the design and planned improvements at Environmental Control River Oaks and Little Oaks Sewer System. Crews coordinated with survey parties from Compass Point. Other project phases included the Set-N-Sun Neighborhood Sewer System which Inframap also performed careful utility conflict investigations and completed projects well within the required deadlines, submitted the client requested submittals and scheduled with District personnel as needed. Sub consultant to Baxter Woodman, Inc. Reference: Mathews Consulting, Inc, Mr. Dave Mathews, P.E. (561) 655-6175

Belle Glade Water Service Replacement Zones 1, 2 West, 2 East, and 3 & 4 Palm Beach County, FL

2015: Inframap performed nearly one hundred and fifty test hole locations beginning in October of 2013 until mid-September 2015. All information retrieved is noted on each individual test hole reports of our submittal. Our crews maintained close coordination with Belle Glade Public Works Department, Director /City Engineer Marcos Montes de Oca for this Neighborhood Service Improvement Project. InfraMap was sub consultant to Keshavarz & Associates 711 N Dixie Highway #201, West Palm Beach, FL 33401 Reference: Mr. Amir Keshavarz (561) 689-8600

North County Neighborhood Improvement Projects (Multiple Phases) 2009 - 2015:

Broward County Urban Redevelopment water main improvement projects entailed multiple phases of over five hundred test hole locations in the City of Oakland Park, BP-10. Other project phases included Broward County WWS UAZ Stirling Road water main improvement Task work orders providing subsurface utility locating and mapping. Data noted on each individual test hole report of our submittal. Inframap has performed careful utility conflict investigations and completed projects well within anticipated deadlines as the sub consultant to Craven Thompson & Associates, Inc. Reference: Mr. Pat Gibney & Mr. Johnny Gil (954) 739-6400



Resumé of JUDY JENSEN

YEARS EXPERIENCE: 13+ years

CITY OF RESIDENCE: Mineral Bluff, GA

EDUCATION:

- Associate of Arts in General Education, (with Honors), Daytona State College, 2003
- Associate of Applied Science in Architectural & Building Technology, (with Honors), Advanced Technology Center at Daytona State College, 2005

WORK EXPERIENCE/ PROFESSIONAL:

- September 2005 - Present -Masuen Consulting, LLC
- Director of Design Services - Responsibilities include training new designers, water conservation consulting, LEED consulting and design, irrigation design, & project design coordination.
- Certified Landscape Irrigation Auditor (CLIA) - Irrigation Association, 2006
- Certified Golf Irrigation Auditor (CGIA) - Irrigation Association, 2008
- US Green Building Council LEED AP, 2008
- Certified Irrigation Designer, Commercial, 2011
- Licensed Irrigator, Texas #LI0023996, 2018_

AREAS OF EXPERTISE:

- Project Coordination
- Master Distribution
- Irrigation Design
- Control Systems
- Alternative Water Sources
- LEED Projects

PROFESSIONAL ORGANIZATIONS:

- Corporate Member of United States Green Building Council (USGBC)
- Professional Member of The Irrigation Association (IA)
- WaterSense Partner

RELEVANT PROJECT EXPERIENCE:

- CENTURY VILLAGE EAST, DEERFIELD BEACH, FL - 640 acre large master plan renovation including pump station designs, filtration, computerized centralcontrol.
- TEXAS A & M TEACHING GARDEN, COLLEGE STATION, TX - Approx. 5 Acre garden featuring a center pivot, irrigation for an orchard, event lawn, and multiple categories of small gardens. Incorporated rain water catchment for teaching purposes.
- FLORAL TERRACES TULSA BOTANICAL GARDENS, TULSA, OK – Multi-phase Botanical Garden using extensive hydro-zoning, pumps, filtration, and computerized controls.
- MIAMI BEACH BOTANICAL GARDEN, MIAMI BEACH, FL- 2-3 acre site utilizing extensive drip irrigation & rotaries.



KUMAR VEDULA, P.E.

PRINCIPAL ENGINEER
24 Years of Experience



PROFESSIONAL QUALIFICATIONS

EDUCATION

- MS in Geotechnical Engineering, University of Memphis, 1995
- BE in Civil Engineering, Andhra University, 1992

PROFESSIONAL ORGANIZATION AND REGISTRATION

- Professional Engineer: Florida, 54873
- American Society of Civil Engineers, Past President (Broward Branch)

PROFESSIONAL EXPERIENCE

Mr. Vedula, a Florida-Registered Professional Engineer, has over 24 years of experience providing engineering services for a wide variety of geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. His extensive experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post construction monitoring. Mr. Vedula has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes 300+ geotechnical engineering studies for various projects types including stadiums, parks, piers, shoreline stabilization, dredging, bridges, roadways, utilities, high rise buildings, schools and government facilities. Mr. Vedula has authored, and co-authored papers published in national and international publications.

RELEVANT PROJECT EXPERIENCE

- Mast Arms - SR A1A and Garfield Street, Hollywood, FL
- Taft Street and Park Road, City of Hollywood, FL
- Restoration of Surf Road at Balboa Street, Hollywood, FL
- Water Main Replacement, City of Hollywood, FL
- Historic Downtown Revitalization - Miramar Parkway Streetscape, Broward County, FL
- NW 64th Ave Streetscape, Broward County, FL
- Miramar Parkway Streetscape Improvements from SW 68th Ave to SW 64th Ave, Broward County, FL
- Fort Lauderdale Streetscape Projects, Broward County, FL
- Clematis Street Streetscape Improvements Phase 2, Palm Beach County, FL
- Reconstruction of NW 1st Avenue from NW 6th Street to NW 5th Street, Broward County, FL
- NE 13th Street Roadway Improvement, Broward County, FL
- I-95 @ Sample Road, Broward County, FL
- SR-820 / Pines Blvd / Hollywood Blvd, Broward County, FL
- Florida Turnpike from Atlantic Blvd. to Wiles Rd., Broward County, FL
- Broward County Mast Arms Traffic Signalization Improvement Program, Broward County, FL
- Hiatus Road from Sunrise Blvd to Oakland Park Blvd, Broward County, FL
- Sample Road at Military Trail, Broward County, FL
- Prospect Rd. from Commercial Blvd. (SR-870) to Dixie Hwy (SR-811), Broward County, FL
- SR-7/US-441 Transit Corridor Improvements, Broward County, FL
- Post Design Services for Davie Rd. Extension, Broward County, FL

Traf Tech

ENGINEERING, INC.

Joaquin E. Vargas, P.E. Transportation Engineer



Education

Master of Science in Civil Engineering
(Transportation Engineering) – Georgia Institute of
Technology, 1987

Bachelor of Science in Civil Engineering – Santo Domingo Institute of
Technology (INTEC), 1986

Registration

Professional Engineer – Florida (PE# 44174), 1991

Professional Traffic Operations Engineer (PTOE# 1262), 2003

Private Sector Experience

Joaquin Vargas is an accomplished transportation engineer specializing in traffic engineering, parking studies, traffic impact studies, access, internal-site circulation, traffic concurrency, Development of Regional Impacts (DRI), pedestrian mobility studies, safety evaluations, and signal warrant studies. He has conducted over 1,000 traffic studies in Southeast Florida.

Municipal Experience

Joaquin Vargas has reviewed hundreds of traffic studies and site plans on behalf of municipalities, especially for the Cities of Sunrise and Coral Springs.

Florida Department of Transportation (FDOT) Experience

Between 1996 and 2006, Mr. Vargas served as traffic operations and safety consultant to the Florida Department of Transportation (FDOT). During this period, he conducted over 200 traffic engineering assignments for the FDOT, including the Florida Keys Hurricane Evacuation Study completed in 2001.

International Experience

Joaquin Vargas has also worked on overseas projects. He completed a traffic evaluation associated with the expansion of the Port of Ghana, Africa, a resort project in the State of Quintana Roo, Mexico, a major retail center in San Pedro Sula in Honduras, and he has been recently selected to work on the master transportation plan for the Turk and Caicos Islands.

h. Municipal Staff Support

Craven Thompson anticipates CRA personnel participation in setting up public outreach workshops, including providing a location and stakeholder notification. We also ask for reasonable turnaround time for the various review milestones. Finally, we would request a project manager, the point of contact, from the CRA.

i. Project Approach & Philosophy

Our designed streetscape will reflect a unified, complete design that balances among a wide variety of functions, including stormwater management, safe pedestrian travel, use as public space, bicycle, transit, and vehicle movement, parking, ease of maintenance, and emergency access.

The intent of our streetscape design is to transform this section of road into a walkable center that is safe, convenient, lively and attractive. Pedestrian activity is crucial to any downtown. Attractive crosswalks, trees and street furniture will beckon walkers along its entire length.

Not only will the improvements make the walking environment more comfortable, but also the enhanced streetscape will be more attractive to the motorist. The use of similar elements such as lighting, trees, landscaping and street furniture will unify the area.

This segment of street must provide for pedestrian, bicycle, bus, auto, and commercial truck circulation. Pedestrian safety and comfort are especially important. Transit mobility is also critical, and auto movement and parking are also of vital concern.

Proposed Hollywood Boulevard street elements include paving, wide sidewalks, bulb-outs, street trees, landscaping, signage, lighting, and street furniture. Our approach recommends that these street elements be used to perform a variety of functions, including:

- Provide for the safety and comfort of pedestrians, motorists, and other persons using the street.
- Accentuate or call attention to this particular location.
- Visually unify or organize the streetscape design within the Downtown CRA.
- Add an amenity or attraction.
- Enhance a Hollywood Boulevard's identity.

Special paving is an important unifying element in our streetscape design. Special paving treatments will enhance the aesthetics of the public space along Hollywood Boulevard, and provide a stronger sense of place. It will guide movement, define spaces, and provide variety. Well-designed special paving will create order, scale, and identity on the street.

The CRA may consider the use of aesthetically appealing permeable pavers for the new parallel parking stalls. This would be a functional stormwater amenity as well as an aesthetic enhancement.

Special crosswalk pavements have the advantage of calling motorists' attention to areas where there is high pedestrian traffic. Priority locations for special crosswalks will be located at key pedestrian intersections along Hollywood Boulevard.

SECTION 5: PROFILE OF CONSULTANT

Sidewalk width has significant implications for streetscape design and the quality of the pedestrian environment. Sidewalks that are too narrow prevent pedestrians from moving safely and comfortably. Narrow sidewalks also make it difficult or impossible to provide important additional streetscape elements and pedestrian amenities. The proposed concept widens the storefront sidewalks by switching angled parking to parallel parking. A wide sidewalk offers pedestrians enough space to walk at their chosen pace, stand, sit, socialize, or merely enjoy their surroundings. Wider sidewalks also offer more space for landscaping and amenities, making the streetscape more useful and attractive and also acting as a buffer between traffic and pedestrians.

Sidewalk extensions (curb bulbs) are recommended for the project. Sidewalk extensions can be a particularly effective way to improve streetscape quality by reducing pedestrian crossing distance and providing more space for lights, trees, street furniture, and landscaping at highly visible locations. They also screen (and protect) cars parked at the curb side. Distinctive street trees planted in curb bulbs can unify a street corridor because the trees are in highly visible locations and can be seen in a regular pattern as the eye looks down the street.

In the master plan, street tree selection has been narrowed to maximum shade option (Jamaican Dogwood with Bismarck Palm highlight trees) or the high visibility option (Sylvester Palm with Orange Geiger or Verawood highlight trees). The maximum shade option would provide pedestrians relief from the hot Florida sun and reduce the “heat island effect” along the street. The high visibility option would still provide some shade while greatly enhancing the visibility of the retail signage elevations. The selection will be made during the design refinement process with stakeholder input as the type of tree(s) selected can have a great impact on overall street character and the success of the adjacent retail businesses.

Street trees need adequate air and moisture to their roots in order to thrive. Therefore, selecting the proper tree grate is of major importance. Decorative street tree grates will be designed for this project. However, special castings can be expensive compared to their visual impact. A standard, easily replaced grate with knock-out rings to allow the trunk to grow is recommended.

Street lighting, especially pedestrian street lighting and other specialty lighting, can be an effective means to increase security, encourage pedestrian activity, and add a distinctive character to a street. LED lighting will be used for this project. It is an energy efficient and sustainable lighting alternative. Special festoon light fixtures are located within this segment of Hollywood Boulevard with additional low wattage LED festoon lighting to be added with our design (per the Downtown Community Redevelopment Plan – 2019). This lighting enhances the visual character, and/or pedestrian ambience of the street.

Street furniture identified for this project consists of features such as benches and seating, bicycle racks, waste receptacles, bollards, and other amenities. Street furniture is recommended in locations such as this where pedestrian activity is encouraged. Street furniture adds interest and comfort to the pedestrian experience.

SECTION 5: PROFILE OF CONSULTANT

The following are the steps to be taken to complete the Hollywood Boulevard Streetscape Project:

Review of Feasibility Study/Master Plan

The technical approach for the landscape and streetscape design would begin with the review of the existing topographic surveys for the project (we are assuming that surveying was performed to create the feasibility study/master plan) along with review and analysis the feasibility study/master plan prepared for the Hollywood Florida CRA by Bermello Ajamil & Partners (B&A). Although, we believe that B&A has already reviewed the segments of roadway for possible restrictions to the design intent, we believe that it would be beneficial to have one more thorough review. If, after review we determine that additional survey information is required for final design, we will perform this work through our surveyors and field crews. We will also have our traffic sub-consultant, **Traf Tech Engineering, Inc.** available to review the operational characteristics of Hollywood Boulevard, 19th 20th and 21st Avenues within the project limits.

Craven Thompson will utilize **Tierra South Florida, Inc.** to test the soils for permeability (for drainage design), perform pavement cores (if required), and provide soil borings for the Project.

Design Development Services – 50% Complete

Subsequently, we will meet with Hollywood Florida CRA staff to discuss and refine the design concept. We will further develop the project design and create 50% complete design development documents. Our sub-consultants, **Electrical Design Associates (EDA)**, and **Masuen Consulting** will provide lighting & electrical engineering design and irrigation design respectively. This stage will include a schedule update, a 50% cost estimate, permit requirements and design development plans along with cross-sections and renderings of the streetscape for public meetings. These documents will be delivered to the CRA staff for review and comment. During this phase sub-surface utility locates will be performed at key locations identified as the design progresses. This may be in areas of potential utility conflicts, and/or areas where critical sub-surface information is unavailable. We will use our subconsultant, **InfraMap Corp.**, for these services.

This phase is important to assure that the final design has proper direction as agreed upon in meetings with the Hollywood Florida CRA and permitting agencies. By having a clear and concise vision of the design intent, we can expedite the project to completion.

Public Meeting

We believe that this would be a good point in time to initiate public meetings with the Downtown Hollywood Business Association, the Downtown Civic Association, the CRA Board, other stakeholders, and residents of the City of Hollywood. At these meetings the refined concepts, schedule and costs will be presented and discussed. Concerns and comments raised during these meetings will be gathered, evaluated and discussed with CRA staff prior to incorporation into the design. These comments will be provided to the CRA in the form of meeting minutes.

The associations, the Boards, and stakeholders of the project area should receive as much advance information as possible as to the benefits of the improvements, the final aesthetics and traffic operations, as they will be directly affected.

SECTION 5: PROFILE OF CONSULTANT

Streetscape - Sidewalk, Lighting, Parking, Drainage & Right-of-Way Improvements

Streetscapes are extremely important design elements of any locality. They often set the main impression on someone that is only passing through. Often overlooked or downplayed, streetscapes actually provide an amazing opportunity to compliment the image and beautification of the municipality while strengthening the branding that the CRA is nurturing. Our approach begins with creativity in design. This would involve innovative uses of hardscapes and landscape while enhancing pedestrian safety, pedestrian connectivity, bicycle access, mass transit opportunities, developing good street & pedestrian lighting, and providing good drainage. Based on the master plan design, these elements have been successfully incorporated.

The master plan design creates a much more pedestrian friendly/pedestrian safe environment. The widening of the walks in front of the buildings is a much more attractive environment for the promotion of foot traffic. Parallel versus angled parking adjacent to the walk eliminates the back out movement of automobiles, thereby eliminating an operational conflict. Pedestrian level lighting along with festoon lighting will enhance the appearance of the corridor. The introduction of landscaped bulb outs will assist in breaking up the continuous impervious areas, and the new pavers with a contrast between the crosswalk/parking pavers and the sidewalk pavers is an aesthetic enhancement. Finally, we can take the opportunity to construct exfiltration trench along the road for water quality treatment along with nuisance flooding mitigation.



Final Design Services – 90% Complete

The final design phase of the project consists of 90%, complete final design plans, specifications, schedule update and cost estimate. Craven Thompson will have all comments from the 50% plan review and public meetings incorporated into the project documents. We will further develop the project to the 90% complete final design stage. Craven Thompson and our sub-consultants will process the plans, specifications, schedule update, and cost estimate through an internal review process as well as through Hollywood CRA review process. The typical Craven Thompson internal reviews take place at 50%, 90%, and 100% complete documents.



We will perform a project walkthrough with CRA staff for the project areas during this phase to ensure that all concerns are addressed.

Subsequent to meeting with CRA staff and obtaining their comments and recommendations on the 90% complete final design documents, Craven Thompson will update the plans and specifications to prepare for permit submittal.

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Permitting

Craven Thompson will prepare the design permit applications and supporting documentation at the 90% construction document stage to obtain the construction permits for the projects. During this period, we will prepare and submit responses to “Requests for Additional Information” (RAI) relative to the permitting packages submitted. Any comments or additional requirements will be discussed with the CRA and if deemed acceptable incorporated into the design prior to preparing the 100% final construction documents.

Permits will be obtained through the City of Hollywood Building Department, Broward County Traffic Engineering – Pavement Marking & Signage, Broward County-EPGM-DER, Surface Water & Environmental (also for SFWMD – Storm Water), and the National Pollution Discharge Elimination System (NPDES) permit.

Craven Thompson will expedite the permits through the various agencies in order to remain on schedule and will review the comments from the agencies to determine the implications on the budget and timing of the project. Should there be negative impacts, we will aggressively pursue the mitigation of these impacts.

Constructability Review & Final Construction Documents – 100% Complete

Upon receiving final comments from the CRA and all design permits issued, Craven Thompson will complete the 100% complete final construction documents. Craven Thompson and our sub-consultants will forward the plans, specifications, schedule update, and final cost estimate to the CRA for review. We will incorporate comments from this review into the documents. We will combine our technical specifications with the CRA's front-end documents to finalize the bid package.

In addition, Craven Thompson will review the project from a “constructability” of design perspective to meet the CRA's goals and objectives and to maintain a firm grasp on the costs associated with the project. The “constructability” of a design is an important facet to consider during each phase of a design's development. However, when a design is nearing substantial completion (90% plans), it undergoes an in-house constructability review by our construction services personnel. This review specifically targets construction related issues, and is intended to minimize potential problems in the field during construction. Important issues such as conflicts with existing utilities often occur on projects involving infrastructure improvements in older existing areas. Existing utilities are often found in degraded condition and were most likely originally installed to much less stringent standards. Therefore, when crossing or encountering existing utilities to remain in place, special construction methods and care must be taken to ensure that the utility is properly supported and protected while new construction is being completed.



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During our various internal review processes, we will also value engineer the project. Value engineering is not simply cutting the cost or scope of a project to reduce budget, it is a creative, organized effort, which analyses the requirements of a project for the purpose of achieving the essential functions at the lowest total costs (capital, staffing, energy, maintenance) over the life of the project.

Our staff of experts has extensive experience providing constructability, bid-ability, and value engineering services to our current and past public clients. By providing these services, we have saved cities and counties many thousands of dollars and months of schedule time.

Upon receiving final comments from the CRA, the constructability review, value engineering, and all design permits issued, Craven Thompson will complete the 100% complete final construction documents. Craven Thompson and our sub-consultants will forward the plans, specifications, schedule update, and final cost estimate to the CRA for review. We will incorporate comments from this review into the documents. We will combine our technical specifications with the CRA's front-end documents to finalize the bid package.

Bid Assistance Phase

Craven Thompson will pull all necessary bid documents together, in conjunction with Office of Procurement Services, to provide to the Hollywood Florida CRA for bidding purposes. We will assist by attending the pre-bid meeting and responding to questions and requests from the prospective bidders during the bidding phase. Once bids have been received, the Craven Thompson project manager will tabulate the bids and review for completeness and responsiveness. Craven Thompson has an extensive library of recent pricing on similar type projects within Broward County to use for comparison in the evaluation process. In addition, we are very familiar with the contractors that bid on projects of this nature and their capabilities and past performance. On behalf of the Hollywood CRA, we will perform extensive background checks into each bidder to determine their responsiveness. In addition, we will check contractor references and prepare a recommendation letter to the CRA of the lowest responsive qualified bidder.



Construction Administration Phase

Our construction manager, Don Shaver, has been providing construction administration services for over thirty years. Craven Thompson provides a long and tested resume of implementing these projects from planning to final certification. The Craven Thompson's construction services team is unmatched for the most experienced managers, public relation staff, field personnel and testing services.

Prior to commencement of construction of the project, we will hold an additional public outreach meeting or meetings to inform stakeholders of the improvements to be constructed, the construction timeline and to address issues related to construction. We realize that once a contractor is selected,

SECTION 5: PROFILE OF CONSULTANT

there will be many questions from the public. We have found that public inclusion in projects prior to construction avoids helps to avoid confusion and conflict. The businesses/landowners of the affected properties should receive as much advance information as to what will take place during construction along their frontage, along with a timeline and construction phasing plan.

We will assist in addressing anticipated issues during construction involving such topics as potential road closures, traffic management, public safety issues, access to property, parking, bus routes, safe sidewalk access, construction

Once the CRA has issued a construction Notice-to-Proceed for the contract, the Craven Thompson project manager will facilitate a preconstruction meeting, which will include the CRA, agencies, contractors, and all utilities to identify responsibilities, procedures and processes to be used during construction. The construction schedule will be addressed at this meeting.

During the construction process, we will work with the CRA and the contractor with the goal to complete the project on time and under budget.

In order to keep the Hollywood CRA fully informed, Craven Thompson will generate weekly project status reports. We will communicate directives and clarifications on the project, as necessary. The construction manager will play a critical role during the construction process by reviewing the contractor's work and identifying issues when they are discovered. Bi-weekly site meetings will be attended by the construction manager in order to review the project schedule and to maintain organization and communication.

In addition, we will be available to review payment requests and quantities for payment; prepare an itemized unit quantities and unit cost spreadsheet to verify conformance with the contract; review and approve shop drawings; prepare Certified Recommendations for Payment; resolve field issues, review contractor requests for additional information (RAIs); setup and attend construction progress meetings; review Maintenance of Traffic (MOT) plans; review and monitor Storm Water Pollution Prevention Plans (SWPPP); coordinate field and office as-built data; monitor testing; act as Hollywood CRA's agent during the construction process; attend pre-final inspection and prepare a punch-list. During construction, the project manager & construction manager will meet with the CRA staff to monitor schedules and budget and assist in the administration of the contract. The project manager & construction manager will maintain copies of the daily reports, the contractor's progress reports, change order requests, and updated construction schedules. We will maintain a project file throughout the duration of the project, which will be provided to the CRA staff, along with project as-builts upon completion of the project.

Staff Assigned

- **Joseph D. Handley, R.L.A.** will be responsible for project management and will be the main client contact. Joe will also lead the master plan review, he will further develop the streetscape design concept, and he will be responsible for Craven Thompson's public outreach efforts.
- **Scott Peavler, R.L.A.** will be responsible for project landscape & hardscape design. He will work on the contract documents, work on obtaining approvals, and will be providing bid assistance and construction administration

SECTION 5: PROFILE OF CONSULTANT

- **Justin Rietema R.L.A.** will be responsible for work on the contract documents, the creation of renderings and will assist in obtaining approvals.
- **Patrick J. Gibney, P.E.** will be the civil engineering lead for all civil work and permits on this streetscape/roadway project. This includes, paving, grading, curb & gutter, pavement marking & signage, drainage, and other right-of-way improvements.
- **Matthew Cigale, P.E.** will be involved in design, contract documents, permitting, and bid assistance for the civil work on this streetscape/roadway project. This includes, paving, grading, curb & gutter, pavement marking & signage, drainage, and other right-of-way improvements.
- **Douglas Taylor, P.E.** will also be involved in creating the drainage modeling, design, contract documents, permitting, and bid assistance for civil engineering work. This includes paving, grading, curb & gutter, pavement marking & signage, drainage, and other right-of-way improvements.
- **Richard D. Pryce, P.S.M., and Raymond Young, P.S.M.** will assist with any miscellaneous survey which may be necessary. We understand that the CRA will provide the survey separately; however, Craven Thompson can provide any updates to surveys or fill in any survey information gaps.
- **Don Shaver** will be responsible for contract administrative services and coordination with the CRA and contractor.
- **Kumar Vedula, P.E.** of Tierra South Florida, Inc. will provide geotechnical and testing services on the project.
- **Lillian Reyes, P.E.** of Electrical Design Associates (EDA) will perform lighting design and all other electrical engineering on the project.
- **Joaquin Vargas, P.E.** of Traf Tech Engineering, Inc. will provide traffic engineering services.
- **Judy Jensen** with Masuen Consulting will provide Irrigation Design Services.
- **Andres Garcia, ULM** of InfraMap Corp. will provide Subsurface Utility Locates on the project.

Project Schedule

See attached Schedule

Hollywood Boulevard Streetscape Implementation Schedule

28-Oct-2020

[illegible]

Section 6: Acknowledgement of Addenda



**CITY OF HOLLYWOOD
COMMUNITY REDEVELOPMENT AGENCY**

1948 Harrison Street
Hollywood, FL 33020
Phone (954) 924-2980 Fax (954) 924-2981

ADDENDUM NUMBER 1

Date: **10/22/2020**

FOR: **Request for Design Services**
FILE NUMBER: **DCRA 20-027**

ALL APPLICANTS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the Request For Qualifications Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated with closing date of October 28, 2020. The Applicant shall coordinate all modifications herein with all trades and disciplines related to the work. The Applicant shall acknowledge receipt of this addendum in the RFQ documents by including the addendum. Failure to do so may subject Bidder to disqualification.

CLARIFICATION

Question 1: Will the architectural firm who provided the Hollywood Blvd Streetscape Analysis be precluded from submitting a proposal?

Clarification: The RFQ is open to all architectural/engineering consulting firms.

Question 2: Coastal Systems would like to know if the City plans on scheduling a mandatory/optional pre-bid meeting for RFQ No. DCRA 20-027.

Clarification: No, there is no plan to schedule a pre bid meeting.

Question 3: We would like to verify if Bermello Ajamil will be precluded from this contract?



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ADDENDUM NUMBER 1

Clarification: The RFQ is open to all architectural/engineering consulting firms and the CRA can't preclude Bermello Ajamil.

Question 4: Is electronic submittal required?

Clarification: Yes. Provide 5 hard copies and 1 electronic file of the submittal package.

Question 5: What is the design and/or construction budget currently estimated at?

Clarification: \$6M.

Question 6: Were any preliminary drawings or renderings completed? If so, can those be provided?

Clarification: There are renderings which are included in the RFQ package and called: Attachment "A".

Question 7: Page 3 Scope of Services mentions an accelerated schedule – what is that preferred schedule?

Clarification: 4-5 Months.

Question 8: Under Section II. 'Scope of Services' in describing attachment "A" it is stated that "since attachment "A" represents the master plan for Hollywood Blvd the selected consultant is expected to provide the CRA with construction drawings on an accelerated schedule". In the next paragraph it is stated that upon meeting with the CRA "Preliminary plans will be provided to the Consultant". Based on the above mentioned statements, is it safe to assume that while the master plan design has been developed to a sufficient level of detail to define the spirit and scope of work, that the selected team is to work with the CRA and stakeholders to develop that concept design further as initial schematic design documents are developed for pricing?"



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ADDENDUM NUMBER 1

Clarification: Attachment "A" represent work in progress of the master plan. Currently the CRA consultant continues to work on the master plan which will be provided to the selected firm as basis to develop construction documents. The CRA is intending to hire CMAR to work closely with the selected firm and provide value engineering.

Question 9: Can the RFQ be led by an architecture firm with an engineering firm as a sub or should this be the other way around? We have partners lined up. Just want to make sure who should be spearheading this RFQ.

Clarification: Yes, the team could be led by an architecture firm.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE RFQ DOCUMENTS.

Signature

October 28, 2020

Date

Joseph D. Handley, R.L.A., Vice President, Planning & Landscape Architecture
Name & Title

Moshe Anuar, P.E., Senior Coastal Project Manager
Community Redevelopment Agency