



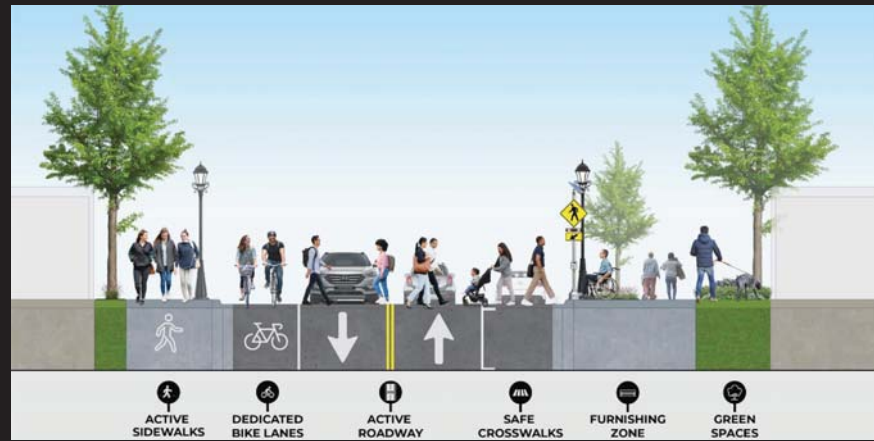
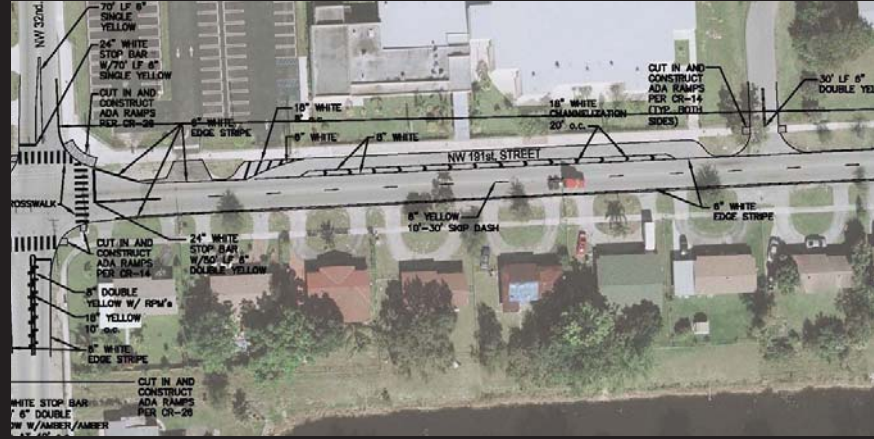
Craven Thompson & Associates, Inc.
 3563 NW 53rd Street,
 Fort Lauderdale, FL 33309
 Phone: (954) 739-6400

PREPARED FOR:



RFQ EVENT# 320 DESIGN OF SIDEWALK IMPROVEMENTS CITYWIDE (SURTAX PROJECT FORT-104)

JANUARY 23, 2026



January 23, 2026

Ms. Inessa Rubin
Senior Procurement Specialist
City of Fort Lauderdale
Procurement Services Division
101 NE 3rd Avenue
Fort Lauderdale, Florida 33301

**RE: REQUEST FOR QUALIFICATIONS EVENT # 320
DESIGN OF SIDEWALK IMPROVEMENTS CITYWIDE
(SURTAX PROJECT FORT-104)**

Dear Ms. Rubin and 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 Fort Lauderdale's Request for Qualifications for "*Design of Sidewalk Improvements Citywide (Surtax Project FORT-104)*". We are a Fort Lauderdale based firm that has been providing consulting services to the City of Fort Lauderdale since our company's inception in 1962. We have completed or are currently designing five Surtax Projects under the Broward County MAP Program for Noth Lauderdale, Davie, West Park, and Hallandale Beach

Craven Thompson is very familiar with the design, permitting and construction of projects such as that described in the Scope of Services for this RFQ. These types of projects have been the core of Craven Thompson's business.

AUTHORIZED REPRESENTATIVE:

Patrick J. Gibney, P.E., Vice President, Engineering / Principal-in-Charge
Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, Florida 33309
Phone: (954) 739-6400
Email: pgibney@craventhompson.com

Craven Thompson is the best qualified team for services under this RFQ and will bring extensive experience in mobility and transportation design as well as a great deal of experience with the City of Fort Lauderdale itself. Many team members have worked with the City of Fort Lauderdale on several projects over the past twenty (20) years.

Craven Thompson is the best qualified firm to undertake this contract as we are a firm large enough to successfully complete complex designs yet small enough to efficiently and economically perform small single task projects routinely required by municipalities. While many firms venture into a large diversity of markets and varied clientele, we focus almost exclusively on the local government market (municipalities) mainly in Broward County. That allows us to provide our individual clients with focused and well-tested knowledge and expertise.



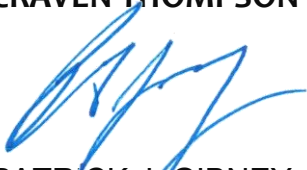
Another quality that sets us apart from most firms is that our professionals all have strong design and construction backgrounds resulting in common sense, economical solutions to problems. Our practical, deadline-oriented professionals will work diligently to meet submission deadlines, which in turn helps minimize delays associated with permitting and construction. With our highly experienced group of professionals, our forward thinking, adaptability and experience easily rivals that of a firm ten times our size.

Based on this experience, we believe that the Craven Thompson's Team is the team most qualified to provide the City with the services needed in a timely and cost-effective manner. We will dedicate the time and personnel necessary to meet the City's schedules and budgets.

We sincerely appreciate the opportunity of providing this response to the City of Fort Lauderdale and hope to continue building our relationship with the City and the staff.

Sincerely,

CRAVEN THOMPSON & ASSOCIATES, INC.



PATRICK J. GIBNEY, P.E.
Vice President, Engineering

PJG/tg



A street scene featuring a sidewalk, a road with double yellow lines, a street lamp, and houses in the background. The sky is overcast.

Section 4.2.1

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Section 4.2.2

Executive Summary



EXECUTIVE SUMMARY

Craven, Thompson & Associates, Inc. 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 civil engineering, surveying and CEI services for the past sixty-four years, landscape architectural services for the past forty-seven years, and G.I.S. services for the past twenty years. Craven Thompson has sixty-one employees consisting of two Landscape Architects, two Landscape Designer, two Planners; twenty-three Civil Engineers, fifteen surveyors & GIS specialists (includes field crews), two construction managers, five construction inspectors, and administrative support personnel.

Craven Thompson is very experienced in surveying, roadway, stormwater/drainage, sidewalk, ADA, and other right-of-way improvement design, permitting, and construction related services.

Office Location Providing Services under this Contract:

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

Craven Thompson Key Personnel for this contract will include:

- Patrick Gibney, P.E., Principal-In-Charge/Project Manager
- Douglas Taylor, P.E., Civil Engineer
- Zach Gamble, P.E., Civil Engineer
- Scott Peavler, P.L.A., Landscape Architect
- Richard Crawford, P.S.M., Surveying & Mapping

CBE Certified Subconsultants (required for Surtax projects)

- Reina Engineering, LLC will provide Civil Engineering services
- WIRX Engineering, LLC will provide Geotechnical Engineering services

Craven Thompson was initially founded as surveyors, engineers, landscape and civil engineering construction managers/inspectors dedicated primarily to serving the needs of public sector clients in the rapid growth area of South Florida. Building over the years on the fundamental mission of providing consistent, quality professional service, the firm has expanded to include landscape architecture, planning, and Geographical Information Systems (GIS).

Over sixty-four years, and through scores of a wide variety of governmental projects, Craven Thompson has 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 ranged in size and complexity from small, single-task assignments to large, multi-scaled neighborhood right-of-way infrastructure projects involving numerous sub-consultants and/or specialized services. These projects include right-of-way upgrades / rehabilitation / modifications, stormwater/drainage, street design & streetscape improvement projects; traffic calming projects; roadway beautification, major and minor capital Improvement projects for Broward, Palm Beach and Dade County municipalities; parks and recreation facilities; cost estimating, landscape architectural & engineering design, project management and construction



management services. Projects have ranged in size and complexity from an ADA upgrade project to 6,000 acres of neighborhood infrastructure redevelopment.

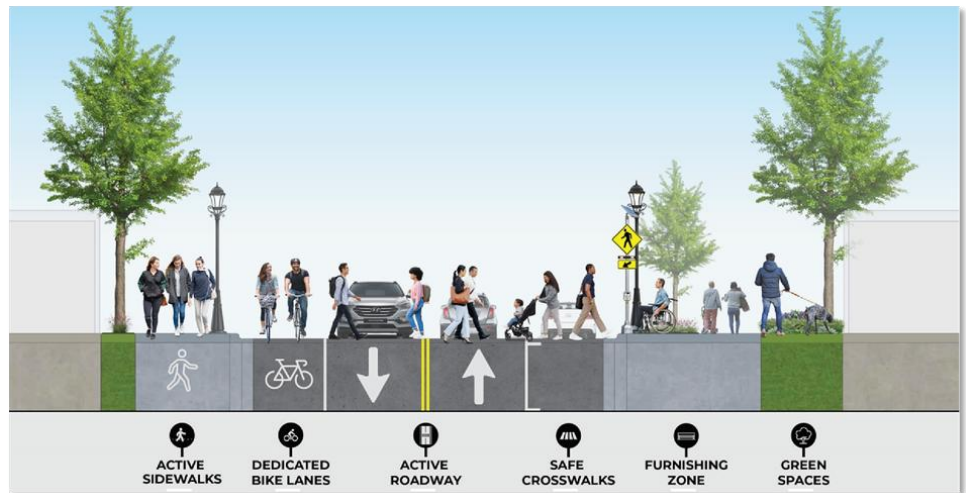
Over time with Craven Thompson, the key personnel selected for this contract have provided professional consulting services for projects similar to that described in this RFQ.

Craven Thompson has completed a large number of neighborhood infrastructure projects which have included over a thousand miles of sidewalks:

- Numerous sections of the Utility Zone Analysis (UAZ) Program (UAZs 108, 122, 123, 124, and 308, including roadway reconstruction, ADA upgrades and sidewalk, utility relocations, sanitary force main and sanitary collection sewer, septic tank elimination, and lift stations)
- BCWWS District 3C Improvements
- NE County Neighborhood Improvement Projects Bid Packages 6 through 11, NW County Neighborhood Improvement Project, North Central County Neighborhood Improvement Project, Central County Neighborhood Improvement Project, and South County Neighborhood Improvement Project: These projects are comprised of over 6,000 acres of utility/infrastructure improvements (including sanitary sewer, force main, water, roadway reconstruction, ADA upgrades and sidewalk, FPL/Cable/Telecommunication upgrades, stormwater/drainage improvements)
- Davie Eastside Master Infrastructure Project, Phases 2 & 3

Craven Thompson’s Broward County MAP (Mobility Advancement Program) Surtax Projects include:

- Kimberly Boulevard Complete Streets Project, North Lauderdale (NLAU-007.1)
- NW/SW 8th Avenue Complete Streets Project, Hallandale Beach (HALL-019)
- SW 48th Avenue Complete Streets Project, West Park (WPRK-003)
- SW 30th Street Improvements, Davie (DAVI-012)
- Orange Drive Corridor Improvements, Davie (DAVI-016)



The Advantages of Selecting Craven Thompson & Associates:

- ✓ We are fully qualified professionals.
- ✓ Craven Thompson is full service local firm. Turnkey operation with the majority of the work to be done internally.
- ✓ We have extensive experience with the City of Fort Lauderdale and have team history with the infrastructure projects listed in the RFQ EVENT.
- ✓ We have an established reputation with Fort Lauderdale.
- ✓ We have the necessary experience with neighborhood improvement projects.



Section 4.2.3

Firm Qualifications and Experience



ACTIVE



DEDICATED



ACTI

ABILITY TO SATISFY MINIMUM QUALIFICATION REQUIREMENTS

Headquartered in the City of Fort Lauderdale for over sixty-four years Craven Thompson & Associates, Inc. has provided consulting services to private and governmental entities throughout South Florida. Services provided to public clients include neighborhood improvement projects, stormwater & drainage improvements, stormwater master plans, roadways, complete streets/streetscapes, ADA upgrade, sidewalk infill, site facility design, water and sanitary sewer masterplans and capital improvements, landscape architecture, urban design, park design, survey, G.I.S., and CEI services.

Craven Thompson & Associates, Inc. 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 civil engineering, surveying and CEI services for the past sixty-four (64) years, landscape architectural services for the past forty-seven (47) years, and G.I.S. services for the past twenty (20) years

Our firm is comprised of five specific departments, four of which are technical in nature. Our technical departments include: the Engineering Department, the Landscape Architecture and Planning Department, the Surveying and G.I.S. Department, and the Construction Services Department. The fifth department is our Administrative and Accounting Department.

Our Engineering Department is led by Patrick Gibney, P.E., our Landscape Architecture and Planning Department is run by Scott Peavler, P.L.A., the Surveying and G.I.S. Department is managed by Richard Crawford, P.S.M., the Construction Services Department is led by Brian Tull, and the Administrative and Accounting Department is led by Alex McDonald.

We pride ourselves as being a one-stop shop for our public and private clientele. We have sixty-one employees consisting of two Landscape Architects, two Landscape Designer, two Planners; twenty-three Civil Engineers, fifteen surveyors & GIS specialists (includes field crews), two construction managers, five construction inspectors, and administrative support personnel. We have two offices with our main office located in Fort Lauderdale, and a branch office in Delray Beach.

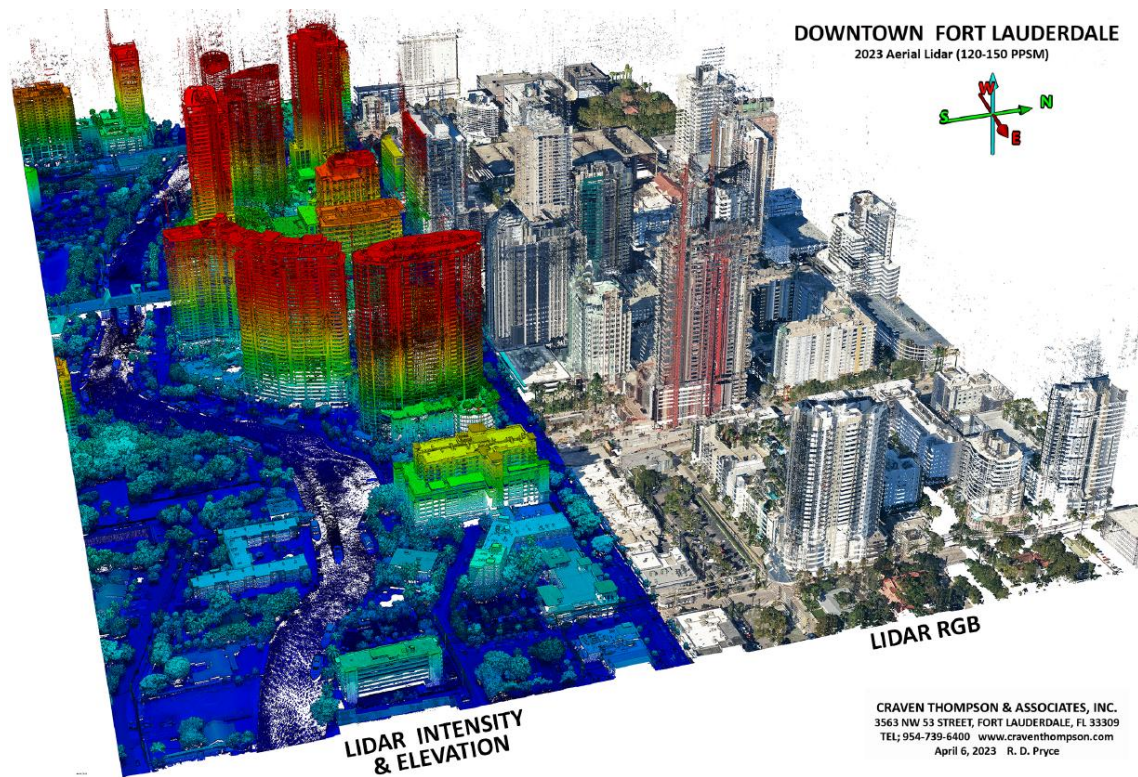
City of Fort Lauderdale Experience

Craven Thompson has a long history of working with the City of Fort Lauderdale. We have performed civil engineering, surveying, planning, landscape architecture, G.I.S., and construction related services for the City. We've worked extensively with City staff in the Public Works, Development Services, Information and Technology Services, Transportation and Mobility, and Parks and Recreation Department on projects as minor as simple sketch and legal descriptions, up to providing full services for large neighborhood drainage projects, citywide surveying, and G.I.S. projects. We have extensive experience and skills associated with large neighborhood / right-of-way infrastructure projects.



A partial list of recent projects undertaken by Craven Thompson for the City of Fort Lauderdale over the past ten to fifteen years includes:

- River Oaks Neighborhood Drainage Improvements Project
- Durrs Neighborhood Drainage Improvements Project
- Pump Station A-13 & Sewer Redirection Project
- South Middle River Force Main Crossing 16" Redundant Pipe Project
- Redundant Bypass Line (Zones 4B & 4C) 54" Force Main
- GT Lohmeyer WWTP Stormwater Improvements Project
- NE/NW 6th Street (Sistrunk Boulevard) Streetscape and Enhancement Project (CEI)
- Fire Station 13
- Citywide Sanitary Sewer System Surveying & G.I.S.
- Citywide Stormwater System Surveying & G.I.S.
- Citywide Potable Water System Surveying & G.I.S.
- River Oaks Preserve Park Project
- Utility Overhead to Underground Various Neighborhoods



PAST RELEVANT PROJECT EXPERIENCE

Broward County MAP (Surtax Project) Experience

Craven Thompson has completed or is currently working on five Broward County MAP (Surtax Projects). Craven Thompson has acted as the prime consultant for a number of Broward County MAP (Surtax) projects since the program's inception in 2020 including:



- **Kimberly Boulevard Complete Streets Project (NLAU -007.1) North Lauderdale**
 The project is known as the Kimberly Boulevard Complete Streets Project from State Road 7 to Rock Island Road. The total length of roadway is 5,900 linear feet and consisted of four total lanes, two eastbound and two westbound with 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. *(see the following project summary sheet)*
- **NW/SW 8th Avenue Complete Streets Project (HALL-019), Hallandale Beach**
 The project is approximately 1.5 miles in length and extends south from Pembroke Road south to SW 11th Street. Work within the NW 8th Avenue/Pembroke Road and the NW/SW 8th Avenue/Hallandale Beach Boulevard intersections is excluded. The design improvements are within the right-of-way only. The scope of work includes evaluation of existing conditions and best practices, surveying, geotechnical analysis, roadway design, onsite drainage design, sidewalks, multi-use paths, FPL coordination, bus shelters (only associated with City Community Shuttle bus stops), landscaping, on-street parking, project management, and public involvement (Community Outreach). *(see the following project summary sheet)*
- **Orange Drive Corridor Improvements (DAVI-016), Davie** - The project consists of reconstruction of Orange Drive, from east of SW 64th Ave. to west of the southbound Turnpike off ramp. The project adds a third lane for approximately 4,100 LF on the north side of the existing Orange Dr. east of SW 61st Ave. to the Turnpike off ramp and includes milling and overlay of the existing roadway from SW 61st Ave. to SW 64th Ave. The typical section will be rural with swales on both sides and drainage added to attenuate runoff. The project also includes modifications/upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, widening of multi-use path along SFWMD C-13 Canal and all miscellaneous improvements. *(see the following project summary sheet)*
- **SW 30th Street Improvements (DAVI-012), Davie** - The project consisted of the reconstruction of SW 30th Street, from SW 75th Avenue to west side of College Avenue. The roadway was designed to keep three lane width for the length of approximately 2,550 linear feet. The typical section was urban and consisted of 33' to 36' of roadway, 4.0' bike lanes, 5.0' sidewalks, 2.0' curb and gutter with a landscape strip (\pm 4' to 6') if the Right of Way warrants. The project included modifications/upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, installation of bike lanes and sidewalk and other miscellaneous improvements. *(see the following project summary sheet)*
- **SW 48th Avenue Complete Streets Project (WPRK-003), West Park**
 Craven Thompson is providing design of SW 48th Avenue for a roadway upgrade and re-alignment from County Line Road to Pembroke Road. The 1.5-mile complete street improvement includes roadway milling and resurfacing, drainage, pavement construction, ADA compliant sidewalks, traffic calming devices, bike lanes, signing and pavement markings, and landscaping. The intent of the project is to provide a resilient and safer roadway for residents and businesses. Craven Thompson services include surveying, landscape, irrigation, and civil engineering. The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and pavement marking & signage. *(see the following project summary sheet)*





Kimberly Boulevard Complete Streets Project, *North Lauderdale, Florida*

The project is known as the Kimberly Boulevard Complete Streets Project from State Road 7 to Rock Island Road. The total length of roadway is 5,900 linear feet and consisted of four total lanes, two eastbound and two westbound with 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 overlaid. Craven Thompson provided surveying, landscape architectural, civil engineering, construction administration, and inspection services. **Broward County Surtax Project ID: NLAU-007.1**

Project Role: Prime Consultant

Timeline:

Design Start: 2018 - 2020

Construction: 2021 - 2023

Craven Thompson's Fees:

\$217,757.50

Construction Cost:

\$2,213,195.00

Client Contact

Samuel May, Public Works Utilities

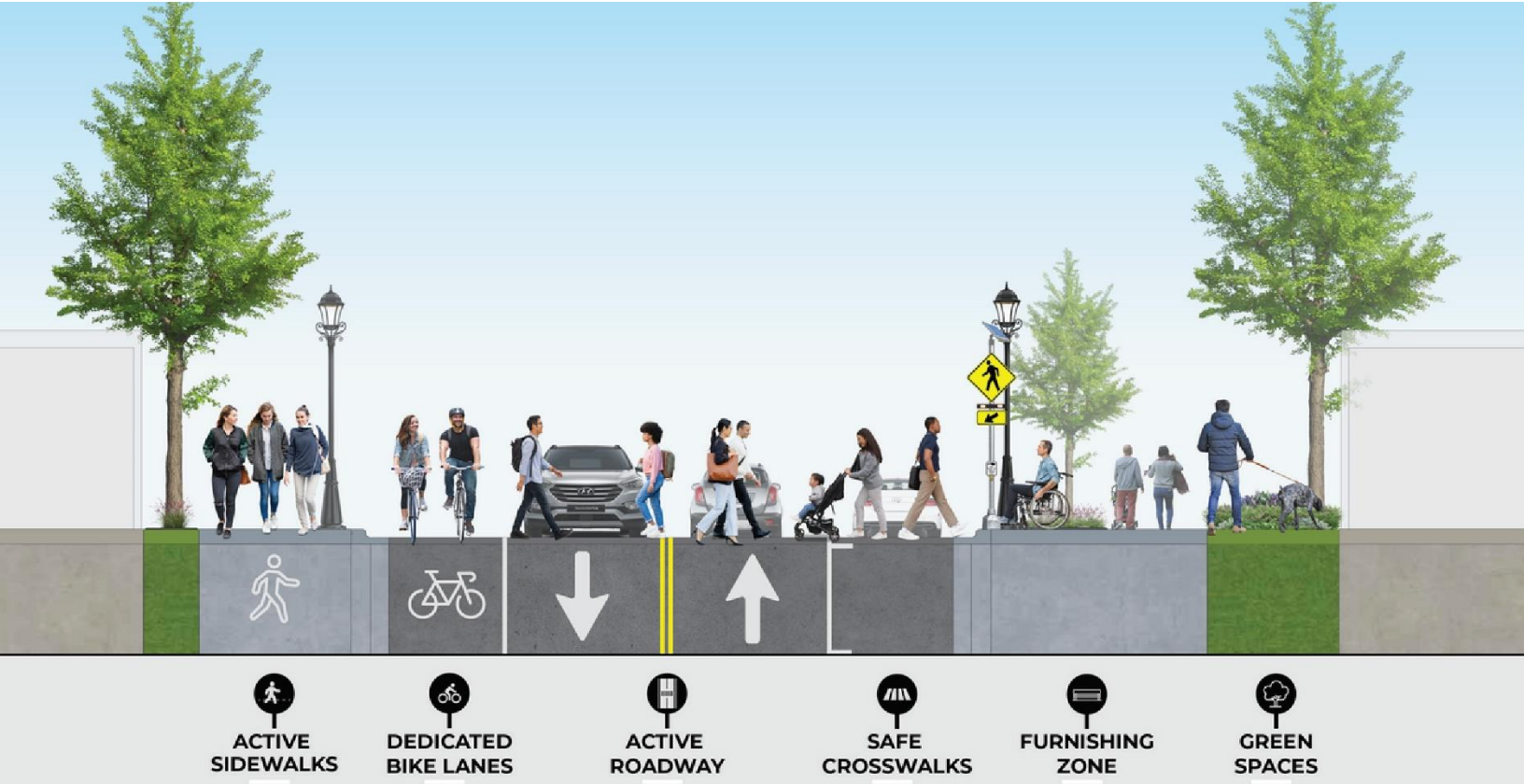
Director

City of North Lauderdale

(954) 597-4756

smay@nlauderdale.org





NW/SW 8th Avenue Complete Street Design

Hallandale Beach, Florida

Project Role:
Prime Consultant



Timeline:
Design: Aug. 2024 – Jan. 2026
Construction: Sept 2026 – Dec. 2027

Craven Thompson's Fees
\$380,500.00

Construction Cost
Estimate: \$8,018,024.99

Client Contact
Fernando Paiva Jr., RA, LEED AP,
NCARB, MSCM
Project Manager
City of Hallandale Beach
Public Works Department
630 NW 2nd Street
Hallandale Beach, Florida 33009
(954) 457-1393
fpaiva@hallandalebeachfl.gov

Craven Thompson is providing surveying and design services for the NW/SW 8th Avenue Complete Streets Design Project. The project is approximately 1.5 miles in length and extends south from Pembroke Road south to SW 11th Street. The design improvements are within the rights-of-way only. The scope of work includes evaluation of existing conditions and best practices, surveying, geotechnical analysis, roadway design, onsite drainage design, **sidewalks**, multi-use paths, FPL coordination, bus shelters (only associated with City Community Shuttle bus stops), landscaping, on-street parking, project management, and public involvement (Community Outreach).

This project aims to transform the 1.5-mile corridor (Pembroke Road to SW 11th Street) into a safe, multi-modal street with wider sidewalks, dedicated bike lanes, improved bus stops, lighting, landscaping, and medians for pedestrians, cyclists, drivers, and transit users, enhancing safety and connectivity.

Craven Thompson & Associates performed surveying, subsurface locates, civil design and permitting, landscape architecture, and is preparing construction documents

Broward County Surtax Project ID: HALL-019.





PRELIMINARY ENGINEERING EXHIBIT C-2

Project Role
Prime Consultant



Timeline
2022-2025

Construction Cost
\$5 Million (Estimated)

Craven Thompson's Fees
\$404,175.00

Client Contact
Jonathon Vogt, P.E.
Town Engineer
Town of Davie
6591 Orange Drive
Davie, Florida 33314
(954) 797-1137

Jonathan_vogt@davie-fl.gov

Orange Drive Corridor Improvements Davie, Florida

The project consists of reconstruction of Orange Drive, from east of SW 64th Avenue to west of the southbound Turnpike off ramp. The project adds a third lane for approximately 4,100 linear feet on the north side of the existing Orange Drive east of SW 61st Avenue to the Turnpike off ramp and include milling and overlay of the existing roadway from SW 61st Avenue to SW 64th Avenue. The typical section will be rural with swales on both sides and drainage added to attenuate runoff. The project also includes modifications/upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, widening of multi-use path along SFWMD C-13 Canal and all miscellaneous improvements.

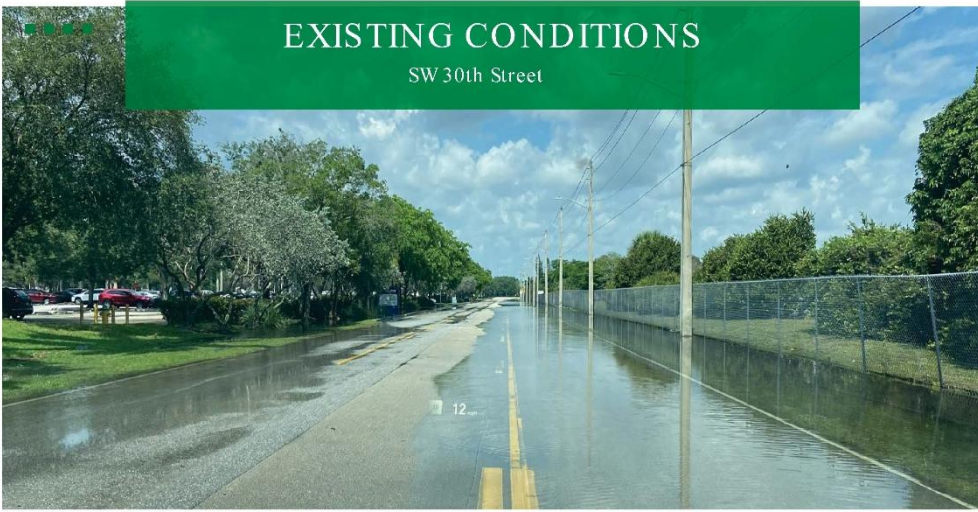
Craven Thompson & Associates performed surveying, subsurface locates, civil design and permitting, landscape architecture, and is preparing construction documents.

Broward County Surtax Project ID: DAVI-016



EXISTING CONDITIONS

SW 30th Street



Project Role
Prime Consultant

Timeline
2022 - 2025

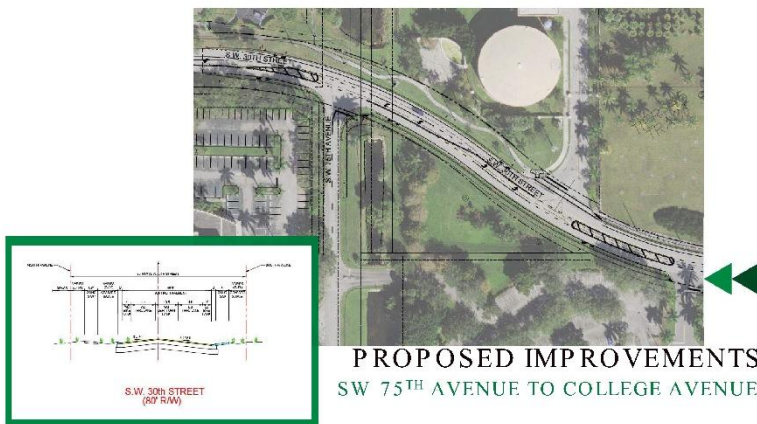
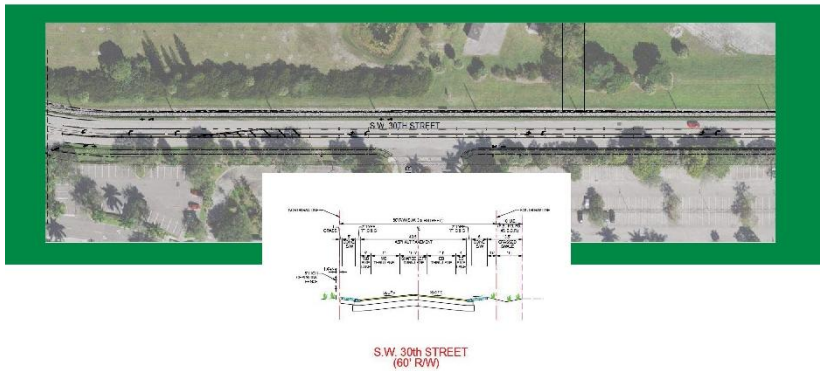
Construction Cost
\$2,159,981.00
(Engineer's Estimate)

Craven Thompson's Fees
\$251,500.00

Client Contact
Jonathan Vogt, P.E.
Town Engineer
Town of Davie
6591 Orange Drive
Davie, Florida 33314
(954) 797-1137

Jonathan_vogt@davie-fl.gov

PROPOSED IMPROVEMENTS SW 75TH AVENUE TO COLLEGE AVENUE



PROPOSED IMPROVEMENTS SW 75TH AVENUE TO COLLEGE AVENUE



PROPOSED IMPROVEMENTS SW 75TH AVENUE TO COLLEGE AVENUE

SW 30th Street Roadway Improvements, Davie, Florida

The project consisted of the reconstruction of SW 30th Street, from SW 75th Avenue to west side of College Avenue. The roadway was designed to keep three lane width for the length of approximately 2,550 linear feet. The typical section was urban and consisted of 33' to 36' of roadway, 4.0' bike lanes, 5.0' sidewalks, 2.0' curb and gutter with a landscape strip (\pm 4' to 6') if the Right of Way warrants. The project included modifications/upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, installation of bike lanes and sidewalk and other miscellaneous improvements.

Craven Thompson & Associates performed surveying, subsurface locates, civil design and permitting, landscape architecture, and are preparing construction documents.

Broward County Surtax Project ID: DAVI-012

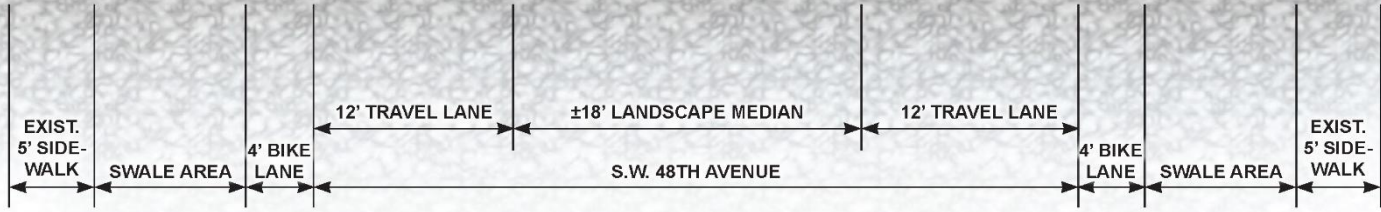
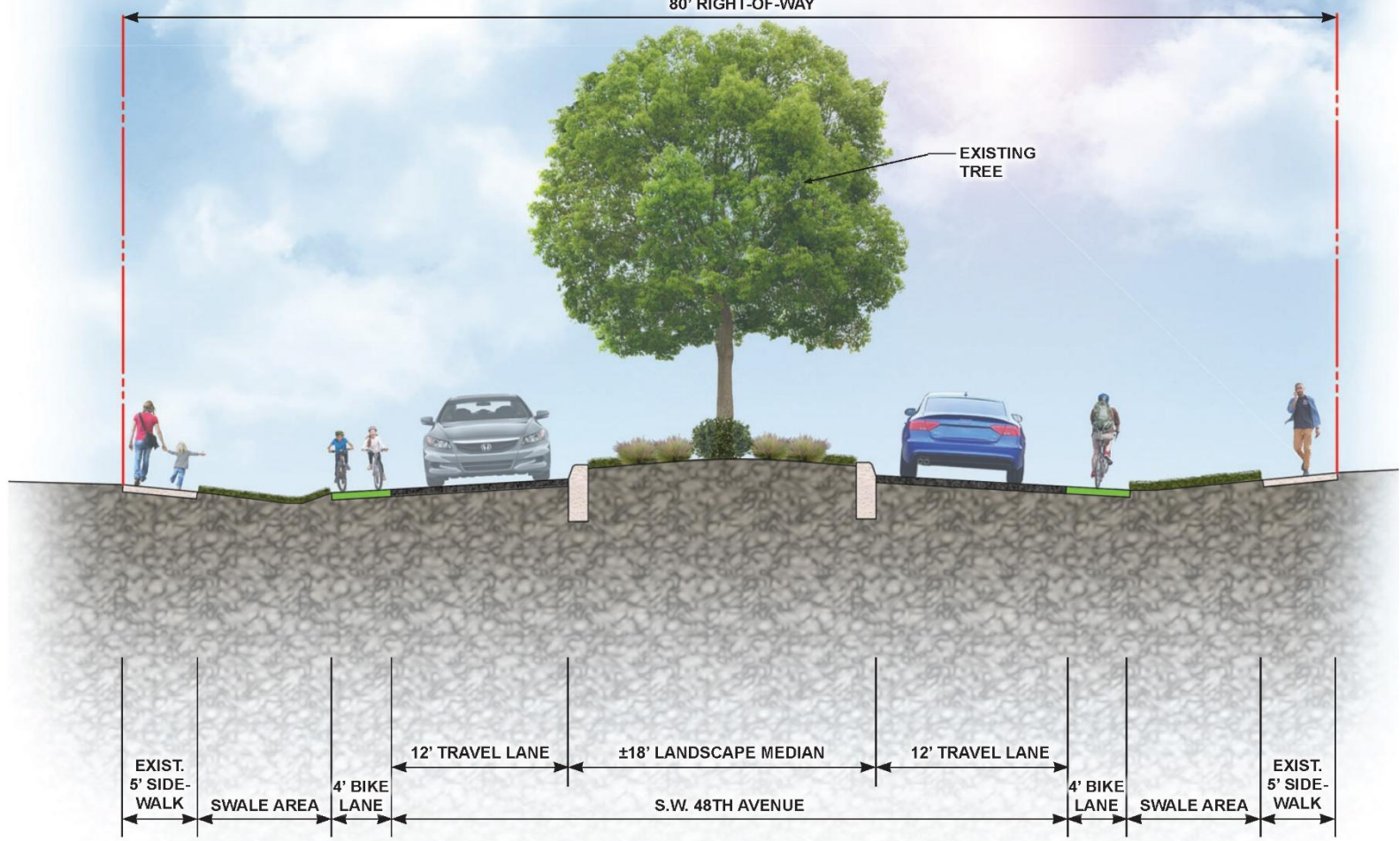


CRAVEN THOMPSON & ASSOCIATES, INC. | ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS • PLANNERS

CAM #26-0552

Exhibit 3

Page 16 of 107



Project Role
Prime Consultant

Timeline
2022 - 2025

Estimated Construction Cost
\$2.5 Million - \$3 Million

Craven Thompson's Fees
\$304,615.00

Client Contact
Greg Perry, PE, Director
Engineering & Construction
City of West Park
1965 S. State Road 7
West Park, Florida 33023
(954) 989-2688, Ext. 220
gperry@cityofwestpark.org

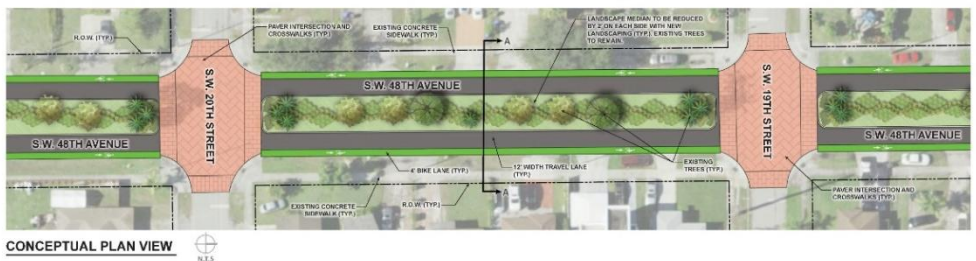


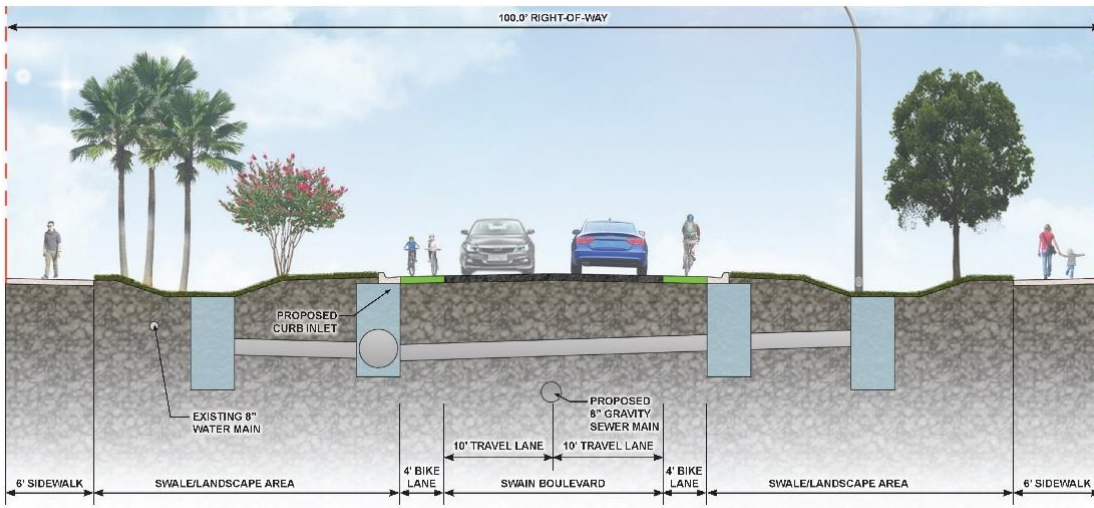
SW 48th Avenue Complete Street Improvements

West Park, Florida

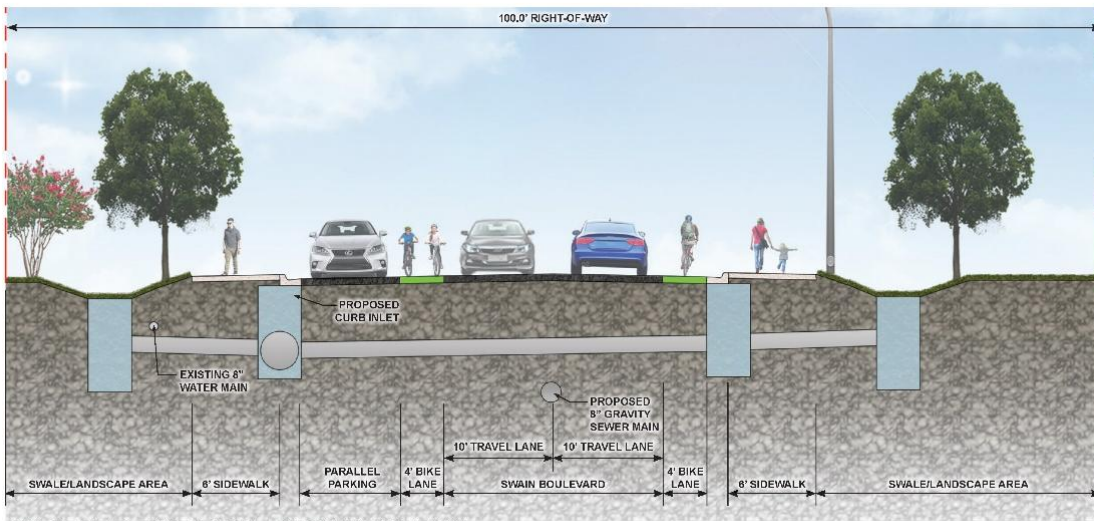
Craven Thompson is providing design of the SW 48th Avenue for a roadway upgrade and re-alignment from County Line Road to Pembroke Road. The 1.5-mile complete street improvement includes roadway milling and resurfacing, drainage, pavement construction, **ADA compliant sidewalks**, traffic calming device, bike lanes, signing and pavement markings, and landscaping. The intent of the project is to provide a resilient and safer roadway for residents and businesses. Craven Thompson services include surveying, landscape, irrigation, and civil engineering. The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, drainage and pavement marking & signage.

Broward County Surtax Project ID: WPRK-003.





BIKE LANE ADJACENT TO ROADWAY OPTION



ON-STREET PARALLEL PARKING OPTION



Project Role
Prime Consultant

Timeline
2021-2025

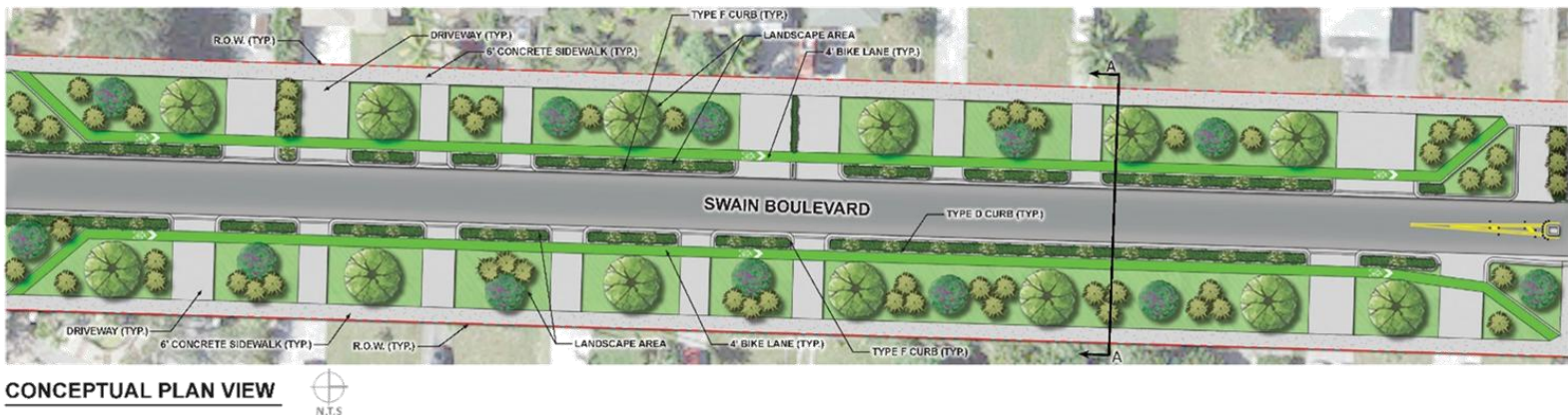
Craven Thompson's Fees
\$433,475.00

Construction Cost
\$3.8 Million

Agency/Client Contact
Ibrahim Younis
Construction Manager
City of Greenacres
5750 Melaleuca Lane
Greenacres, Florida 33463
(561) 790-6191
iyounis@greenacresfl.gov

Swain Boulevard Complete Street Project Greenacres, Florida

Craven Thompson is designing and permitting this project in the City of Greenacres. The Swain Boulevard Complete Streets is a 4,500 linear foot project running from Lake Worth Road to 10th Avenue North. The project includes bicycle lanes of both sides of the street, sidewalks, parallel parking, landscape, hardscape and drainage. It also includes traffic circles at 1st Street, and 4th Street. Craven Thompson is providing planning, surveying, roadway design, drainage design, permitting and landscape architecture for the project.



CONCEPTUAL PLAN VIEW



Chickasaw Road Improvements and Piping of LWDD L-11 Canal

Greenacres, Florida

Chickasaw Road project included the complete reconstruction of 1,607 linear feet of roadway, replacement of the roadway drainage system, and piping of the LWDD L-11 canal from Jog Road to just past the end of Chickasaw Road approximately 1,528 linear feet. Craven Thompson worked with the City of Greenacres and Lake Worth Drainage District initially to establish the initial basic design requirements and concepts to meet both entities requirements. One of the difficulties of this project was to account for all the existing drainage connections from adjacent properties that drained to the canal in the existing condition and also to make sure the new drainage system for the roadway could work for both entities.



Before



After



Project Role

Prime Consultant

Timeline

2021-2023

Craven Thompson's Fees

\$65,725.00

Construction Cost

Estimate: \$3,785,920.00

Actual: \$3,410,810.00

Client Contact

Mr. Carlos I. Cedeno
Public Works Director
City of Greenacres
5750 Melaleuca Lane
Greenacres, Florida 33463

Phone: (561) 642-2074 / Email:

ccedeno@greenacresfl.gov

CHICKASAW ROAD RECONSTRUCTION AND L-11 CANAL PIPING PERMIT SET CITY OF GREENACRES PALM BEACH COUNTY, FLORIDA

LEGAL DESCRIPTION

RECORD & RECONSTRUCTION

RECORD & RECONSTRUCTION

RECORD & RECONSTRUCTION

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LOCATION MAP SECTION 12E, TOWNSHIP 44N, RANGE 42E

SHEET INDEX		
SHEET NO.	DESCRIPTION	REV.
1	PERMIT SET	
2	CONSTRUCTION SPECIFICATIONS	
3	CONSTRUCTION SPECIFICATIONS	
4	CONSTRUCTION SPECIFICATIONS	
5	CONSTRUCTION SPECIFICATIONS	
6	CONSTRUCTION SPECIFICATIONS	
7	CONSTRUCTION SPECIFICATIONS	
8	CONSTRUCTION SPECIFICATIONS	
9	CONSTRUCTION SPECIFICATIONS	
10	CONSTRUCTION SPECIFICATIONS	

BID NO 22-XX
DATE: 09/22/21

PREPARED FOR
CITY OF GREENACRES
LANDING & ENGINEERING DEPARTMENT
5000 MELALEUCA LANE, GREENACRES, FL 33463
TEL: (561) 642-2004

CRAVEN THOMPSON AND ASSOCIATES, INC.
3400 N.W. 11TH AVENUE, SUITE 200
MIAMI, FL 33142
TEL: (305) 441-1111
WWW.CTASOCIATES.COM

CTA PROJECT NUMBER: 21-0029-001-01



Project Role
Prime Consultant

Timeline
2021-2023

Craven Thompson's Fees
\$41,301.00

Client Contact
Randall Seneff
Executive Director
Nova Southeastern University
Design & Construction
3301 College Avenue
Davie, Florida 33314
(954) 262-8805
rseneff@nova.edu

**Nova Southeastern University
Dolphins Facility Sidewalk Improvements**
Davie, Florida

Craven Thompson & Associates provided Nova Southeastern University with professional services for the Nova Southeastern University Miami Dolphins Facility. The scope included the design of new sidewalk improvements along the Loop Road and SW 76th Avenue. This included sidewalk reconstruction due to roadway improvements, infill of areas without sidewalk and correction of ADA issues associated with the existing sidewalk.



Before



After



Project Role

Prime Consultant

Timeline

Design: 10/2020 - 2022

Construction: 2022 - 2024

Craven Thompson's Fees

\$113,500.00

Construction Cost

Estimate: \$850,621.00

Actual: \$893,639.00

Client Contact

Carlos Cedeno

Public Work Director

City of Greenacres

5750 Melaleuca Lane

Greenacres, Florida 33463

Phone: (561) 642-2074

Email: ccedemp@greenacresfl.gov

Dillman Trail LAP Improvements

Greenacres, Florida

Dillman Trail was a Palm Beach County TAP (Transportation Alternatives Project) funded FDOT LAP project through the City of Greenacres as the local agency for a 3,964 linear foot meandering 12' wide multi-use pathway and associated drainage swale, landscape, and irrigation system running north south connecting pathways between State Road 882 Forest Hill Boulevard and Dillman Road. The project required careful coordination with Lake Worth Drainage District as the project runs along and adjacent to the LWDD OPC canal. During the LAP process, Craven Thompson worked with Ramon Alvarez and Mya Williams with FDOT on the project.

Craven Thompson provided Surveying, Landscape Architecture, Irrigation, Engineering and electrical services for the Dillman Trail Linear Pathway.






Project Role
Prime Consultant

Timeline
March 2025 - Present

Craven Thompson's Fees
\$161,170.00

Client Contact
Andrew Mack, PE, CBO, LEED AP
Deputy City Manager
City Manager's Office
City of Boynton Beach
100 East Ocean Avenue
Boynton Beach, Florida 33135
Phone: (561) 742-6649
Email: MackA@bbfl.us



Seacrest Boulevard Streetscape, Woolbright Road to Boynton Beach Boulevard

Boynton Beach, Florida

Craven Thompson & Associates is currently providing surveying, traffic engineering, community outreach, and civil engineering services for the Seacrest Boulevard Streetscape project.

The project includes South Seacrest Boulevard from Boynton Beach Boulevard south to Woolbright Road (intersections with Woolbright Road and Boynton Beach Boulevard are not included). The project is generally one mile in length and is within a Right-of-Way of eighty (80') feet. The Right-of-Way is owned and maintained by Palm Beach County.

The City of Boynton Beach retained Craven Thompson to provide community outreach and 30% schematic design for streetscape improvements for the County Road which may include limiting direct access to the road (access control), the addition of landscaped medians, a ten (10') foot wide sidewalk/multi-purpose path on one side of the road, the addition of curb & gutter, an improved drainage system, new crosswalks (potentially high-visibility crosswalks), hardscape, landscape, enhanced transit stops, and a new FPL provided light standard with buried cable & conduit (traffic studies /warrant, and traffic signal design are not included).





Greenacres 2nd Street Roundabout & Sidewalk Improvements, *Greenacres, Florida*

The primary intent of the project was to connect various segments of sidewalk at locations throughout the City. A roundabout was constructed at the intersection of Swain Boulevard and 2nd Street to replace a four-way stop. This work also required adjustment of pavement adjacent to new walks at intersections as well as ADA railing and ramps for walks. Pavement marking and signage of paved areas was included in this work. Additionally, grading of swales and embankments along roadsides and the placement and establishment of new sod in these areas was required along with some minor associated drainage work. Tree removal, curbing, and adjustment of utility structure lids will also be incidental and required to perform this work. Craven Thompson performed the surveying, civil engineering, landscape architecture, permitting, and CEI services.

Project Role: Prime Consultant

Timeline: 2019-2023

CTA's Fees: \$198,300.00

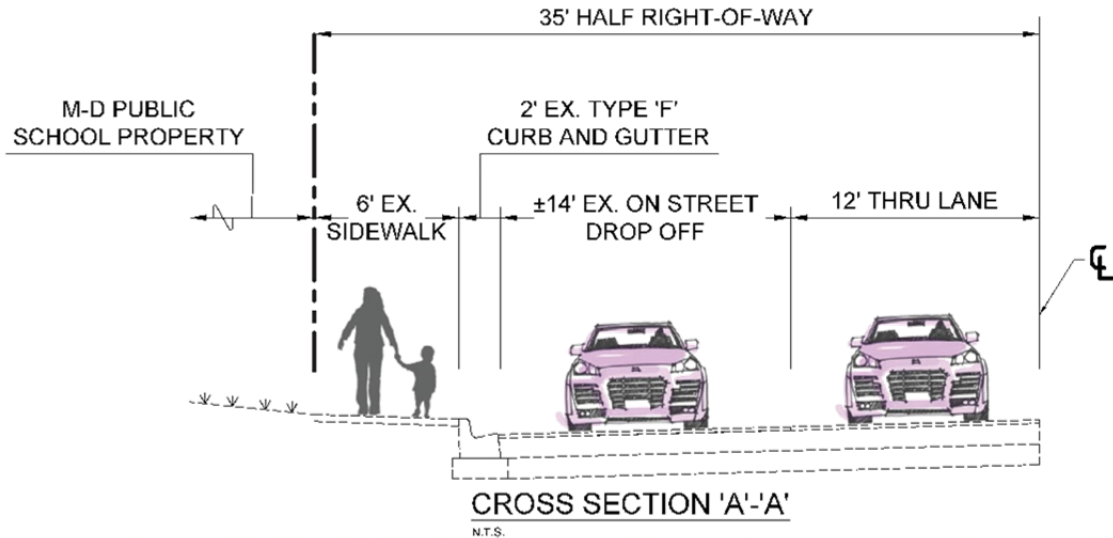
Construction Cost:
\$1,782,497.00

Client Contact

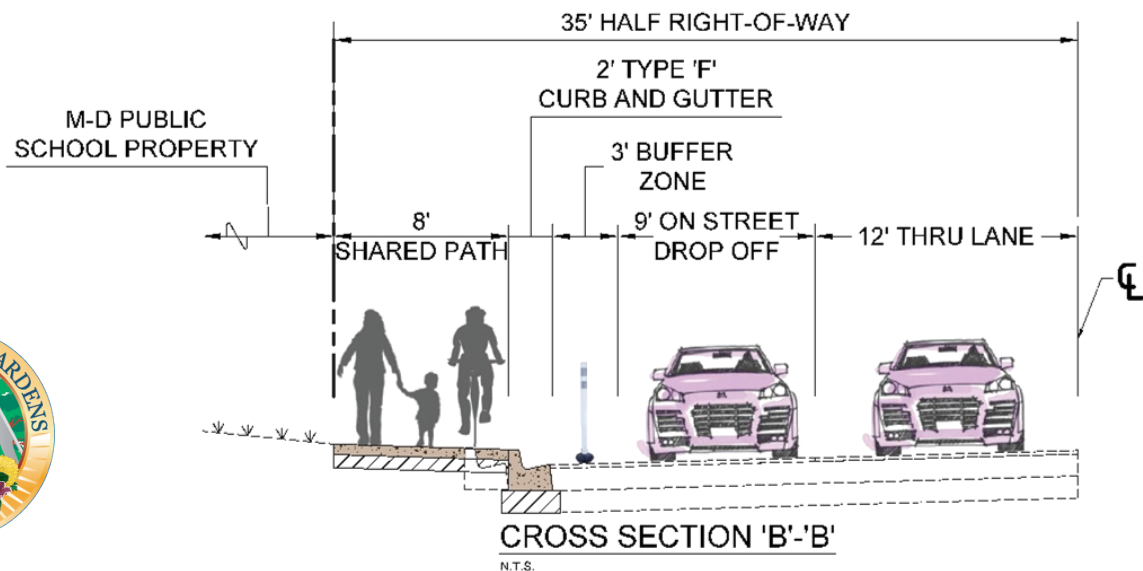
Ibrahim Younis, PMP
Public Work Construction Manager
City of Greenacres
5750 Melaleuca Lane
Greenacres, Florida 33463
Phone: (561) 790-6191
Email: iyounis@greenacresfl.gov



EXISTING CONDITIONS



PROPOSED IMPROVEMENTS



Project Role: Prime Consultant

Timeline: 2022 - Estimated 2025

Craven Thompson's Fees

\$287,240.00

Construction Cost

\$850,000.00

Client Contact

Bernard Buxton-Tetteh
 Assistant Public Works Director
 City of Miami Gardens
 1515 NW 167th Street,
 Building 5, Suite #200
 Miami Gardens, Florida 33169
 (305) 622-8031

Bbuxton-tetteh@miamigardens-fl.gov

NW 191st Street to Betty T. Ferguson Bikeway Trail, LAP Project, Miami Gardens, Florida

Local Agency Program (LAP) funded project that completed the pedestrian and bike lane connectivity within the City of Miami Gardens from the Blueway Trail west of NW 37th Avenue to the Betty T. Ferguson Recreational Complex along NW 191st Street. The project includes installation of a 10-foot-wide pathway, new bike lanes, roadway re-configuration, streetscape removal and mitigation, bonneted bat survey and drainage system restoration and permitting. Craven Thompson provided surveying, landscape architecture, civil engineering and coordinated and administered the LAP processing on behalf of the City and designed and permitted the drainage improvements and the modifications to accommodate the pedestrian-cyclist shared path for the one-mile roadway improvements.





Eastside Master Infrastructure Project, Phases 2 and 3, Davie, Florida

The project was composed of approximately 340 acres within the CRA, east of Davie Road, north of Orange Drive, south of SW 36th Court and west of SW 53rd Avenue. This project provided infrastructure for the development of a portion of the Downtown Master Plan Area as well the redevelopment of SW 41st Court. The basic infrastructure work consisted of replacement of the existing water distribution system and new installation of sanitary sewer system and drainage system.

The drainage/roadway work consisted of:

- 22,763 linear feet of roadway reconstruction
- 41,000 square yards of swale regrading
- 18,940 linear feet of storm sewer
- **12,450 square yards of sidewalk**
- 7,400 square yards of driveway restoration
- 146 storm structures
- 3 outfalls
- 1 control structure
- The work also includes landscaping



The water distribution included:

- 14,800 linear feet of 6" diameter main
- 5,075 linear feet of 8" diameter main
- 5,140 linear feet of 12" diameter main
- Abandon & grout 11,450 LF of existing watermain in place
- 50 fire hydrants, 154 gate valves
- 40,400 linear feet of water service piping on private property

The sanitary improvements included:

- 11,455 linear feet of 8" diameter pipe
- 40 sanitary manholes
- 2,945 linear feet of 16" diameter forcemain

Craven Thompson & Associates performed surveying, subsurface locates, civil design and permitting, landscape architecture, preparing construction documents, bid assistance, and construction engineering services.

Project Role:
Prime Consultant

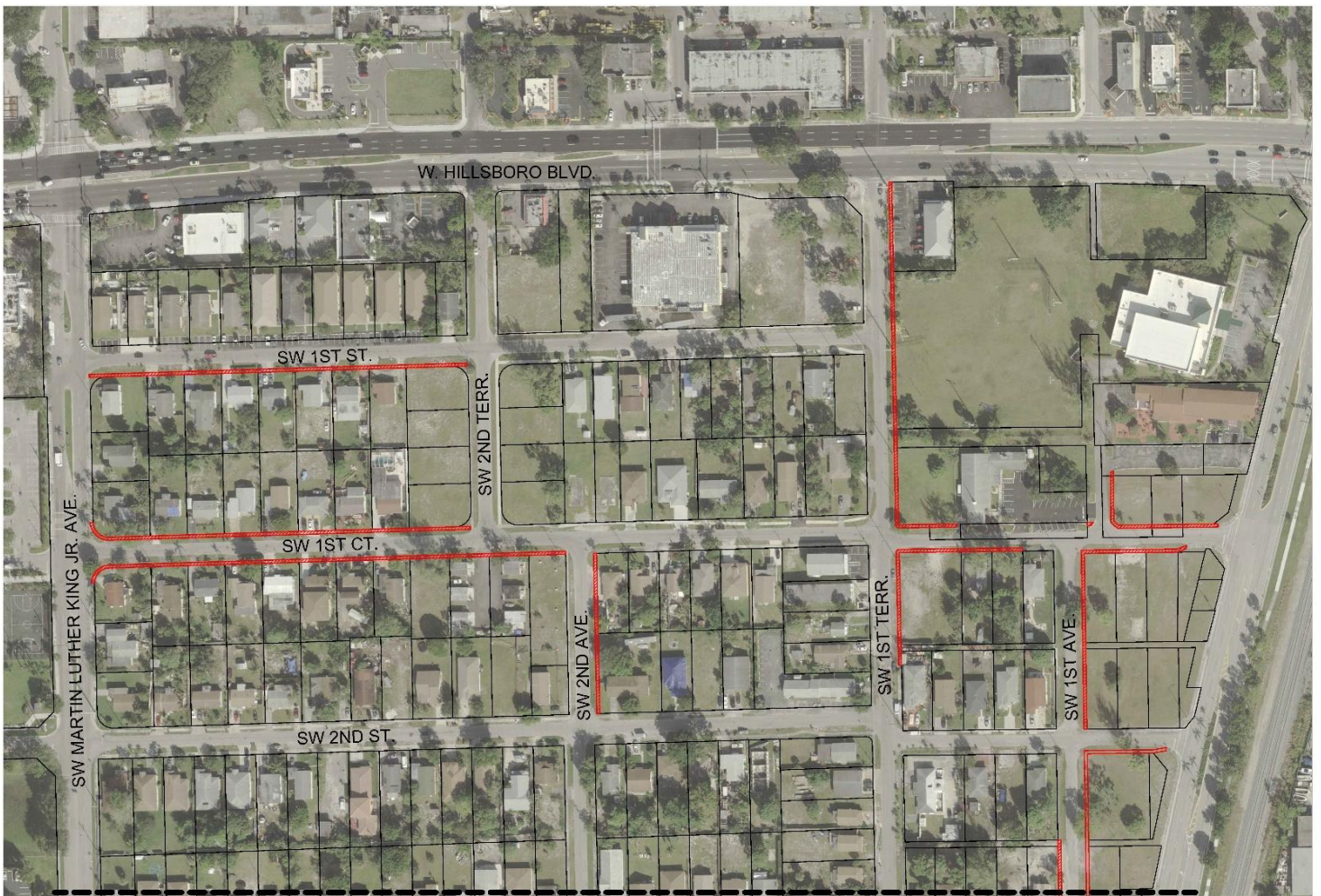
Timeline
Design: 2014-2019
Construction: 2016-2020

Construction Cost
\$13,200,854.00 (Estimate)
\$13,275,149.00 (Actual)

Craven Thompson's Fees
\$2,564,860.00

Client Contact
Jonathan Vogt, P.E.
Town Engineer
Town of Davie
6591 Orange Drive
Davie, Florida 33314
(954) 797-1137
Jonathan_vogt@davie-fl.gov





MATCHLINE (SEE SHEET C-2)

Project Role
Prime Consultant

Timeline
2018-2019

CTA Fees
\$20,280.00

Construction Cost
\$152,000.00

Client Contact
Tom Good
Environmental Services Director
City of Deerfield Beach
Environmental / Engineering
200 Goolsby Blvd.
Deerfield Beach, Florida 33442
(954) 480-4432
tgood@deerfield-beach.com

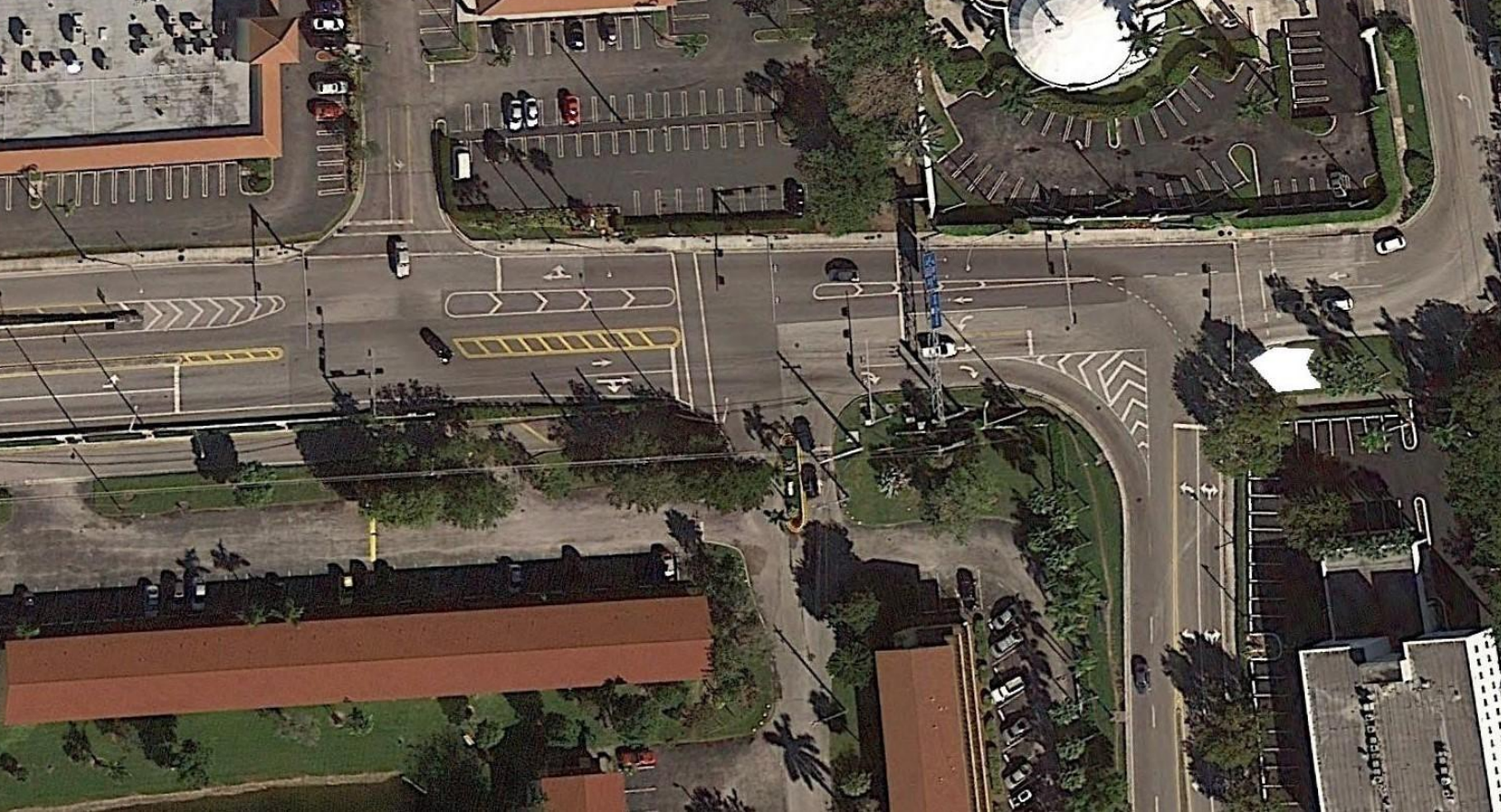
CDBG Sidewalk Project

Deerfield Beach, Florida

Craven Thompson prepared Schematic Level Plans, cross-sections, and details for approximately 12,200 linear feet of 5' wide sidewalk located at 20 locations within the City. The latest available Broward County aerials were utilized as the base for the schematic plans.

Craven Thompson then prepared contract documents to include plans, technical specifications and estimated quantities for the civil portion of the proposed project.





Project Role
Prime Consultant

Timeline
2015-2017

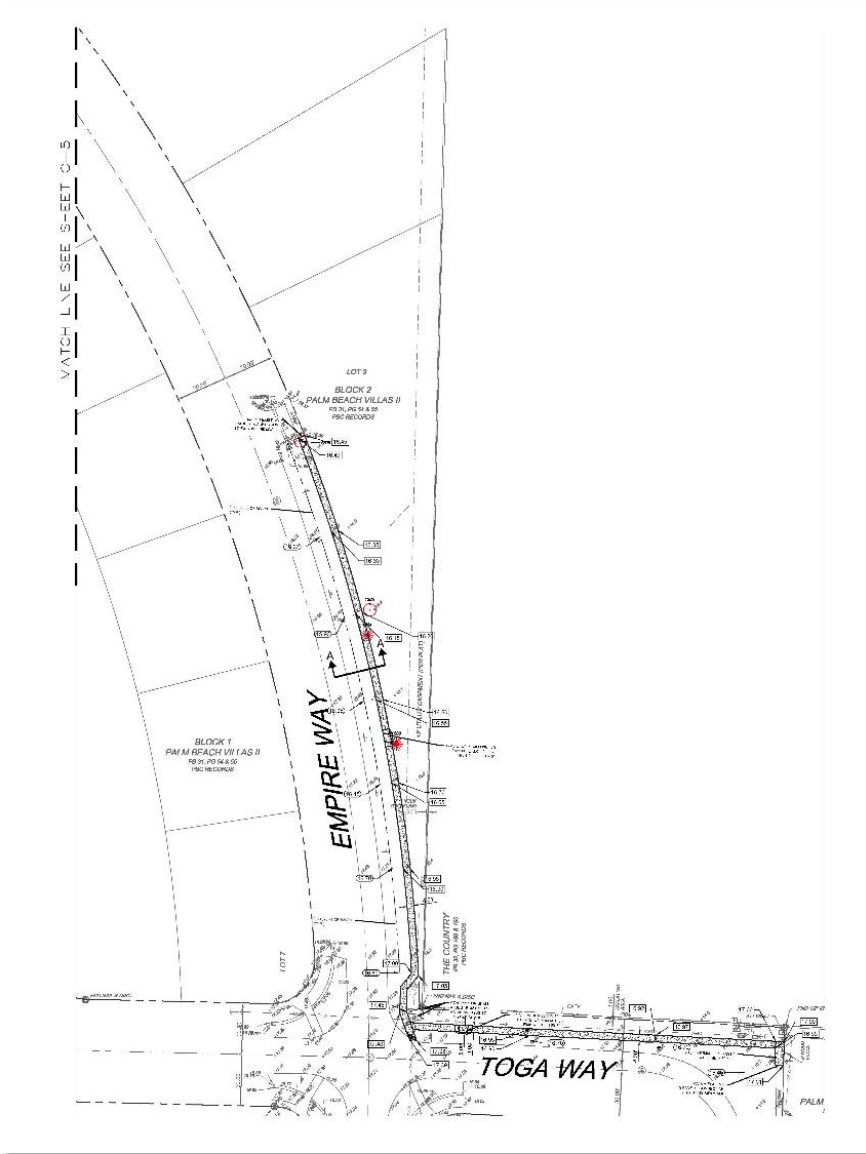
Craven Thompson's Fees
\$25,580.00

Client Contact
Mr. Joseph S. Kroll, P.E.
Public Works &
Transportation Director
City of Aventura
19200 W. Country Club Drive
Aventura, Florida 33180
(305) 466-8970
jkroll@cityofaventura.com

NE 203rd Street Sidewalk Improvement Survey & Design *Aventura, Florida*

Craven Thompson provided surveying, and civil engineering specific to the preparation of improvements along NE 203rd Street from NE 29th Place to NE 29th Court. The improvements consisted 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. We prepared a topographic survey of the existing right-of-way of NE 203rd Street from 100 feet west of NE 29th Court to NE 30th Avenue containing approximately 500 linear feet of road.





Project Role
Prime Consultant

Timeline
2016

Craven Thompson's Fees
\$17,470.00

Client Contact
Carlos I. Cedeno
Public Works Director
City of Greenacres
5750 Melaleuca Lane
Greenacres, Florida 33463
(561) 642-2074
ccedeno@greenacresfl.gov

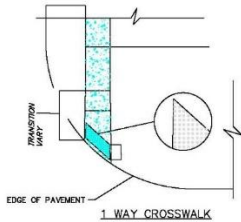
Greenacres Palm Beach Villas Sidewalk Survey

Greenacres, Florida

Craven Thompson & Associates provided professional surveying services, for the sidewalk project. The survey locations consisted of four sections of Empire Way (2200'), portions of Toga Way (210'), Nicia Way (120'), and Centurian Way (650'). The entire project totaling 3,180 lineal feet was surveyed for sidewalk design. This survey consisted of preparing a design survey of the roadways noted above. The limits of the survey were one-half right-of-way on the side of the proposed sidewalk, from the crown of road to the right-of-way line, plus 5-feet beyond where accessible. The width was expanded to depict the nature of the topography at the lake and canals, along Empire Way, again where accessible. We prepared calculations covering the project area based on the plats, property appraiser records and deeds, to determine the location of the right-of-way lines and property lines. Craven Thompson recovered right-of-way monumentation, property corners and other horizontal survey control in the project area, to determine the location of the streets noted above, and the affected properties. We set horizontal control points in convenient locations, along the roadways for survey data collection. We established vertical control (benchmarks) on the horizontal control points along the survey route, for topographic data collection and future grading. These benchmarks were relative to the North American Vertical Datum of 1988 (NAVD88).



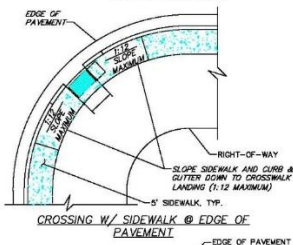
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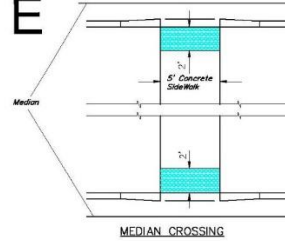
Type D



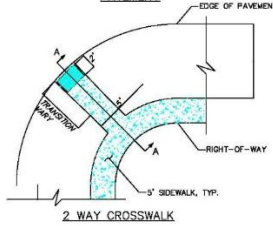
Type B



Type E



Type C



NOTES:
1. DETECTABLE WARNING SHALL BE IN ACCORDANCE WITH A.D.A., D.O.T. AND H.C.E.D. REQUIREMENTS. IT SHALL BE CONTRASTING COLOR AND PLACED TO ALIGN WITH THE DIRECTION OF TRAVEL. PRODUCTS SHALL BE CUT AND PLACED TO ADHERE ALIGNMENT AND LOCATION REQUIREMENTS.

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DATE:	1/13/16
SCALE:	
DESIGNER:	
CHECKER:	
APPROVED:	
PROJECT NO.:	
SHEET NO.:	10
SHEET TOTAL:	11
CRAVEN THOMPSON & ASSOCIATES, INC. ENGINEERS • LAND SURVEYORS • PLANNERS • ARCHITECTS 3845 N.W. 54th STREET, FORT LAUDERDALE, FLORIDA 33409 TEL: (954) 739-8800 FAX: (954) 739-8801 WWW.CRAVEN-THOMPSON.COM	
SIDEWALK AND RAMP DETAILS PREPARED FOR: CITY OF MIAMI SPRINGS SHEET 10	
PROJECT NO. SHEET 10 OF 11	

Project Role
Prime Consultant

Timeline
2015-2016

Craven Thompson's Fees
\$8,450.00

Client Contact
Tammy Romero
Assistant City Manager
City of Miami Springs
201 Westward Drive
Miami Springs, Florida 33166
(305) 805-5035
romerot@miamisprings-fl.gov



Citywide ADA Ramp Replacement / Installation Miami Springs, Florida

Craven Thompson was retained by the City of Miami Springs to assist 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. Based on that information, Craven Thompson developed a set of construction plans for installation of the ramps per FDOT standards.





Project Role

Prime Consultant

Timeline

Design Start: 2012

Construction Start: January 2013

Construction Completion: June 2015

Craven Thompson's Fees

\$280,568.00

Construction Cost

\$3,255,630.00

Agency/Client Contact

Chris Lips, P.E.

Assistant Public Works Director

City of Oakland Park

5100 NE 12th Terrace

Oakland Park, Florida 33334

(954) 630-4441

chrisl@oaklandparkfl.gov



NE 34th Court Complete Streets (NE 2nd Avenue to Dixie Highway)

Oakland Park, Florida

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.

Craven Thompson provided surveying, civil engineering, landscape architecture, and various CEI services for the project.



PROJECT MANAGER

The Project Manager selected to lead this program needs to have experience managing resources, leading design efforts, identifying and communicating with stakeholders, facilitating result-oriented decisions while having specific knowledge of the unique attributes associated with infrastructure rehabilitation in existing neighborhoods. Our project manager, Mr. Patrick Gibney, P.E., meets these expectations and more. With 39 years of experience (33 years of experience in Broward County), he has managed multiple large private and municipal projects, including neighborhood projects with hundreds of miles of sidewalk improvements. In addition, Mr. Gibney is involved in all of our past and current Broward County MAP (Surtax) projects. He has also managed a number of CDBG for municipalities such as Deerfield Beach and Hallandale Beach where sidewalk infill or reconstruction in existing neighborhoods was the main focus.



FIRM'S ABILITY TO MEET TIME AND BUDGET REQUIREMENTS

Our careful attention to detail and defined processes has helped to ensure that projects are delivered successfully, meeting the highest standard of care while on schedule and on budget. Whether in the beginning stages of the project, currently working through the design, or in the construction phase, experience and insight helps our projects succeed every step of the way.

While every civil engineering design is unique, our team have developed steps around several key milestones that can help save time, money and potential rework for our clients. Success looks different for every project, which is why our team's first priority is to listen. Whether it's cost, schedule, quality or community impact, we develop succinct criteria standards to review during and after project completion, so the focus never deviates from creating a successful project.

By looking at the design process from our client's perspective, we are able to see a comprehensive view of the project and apply our past experience to develop unique solutions. Our team maintains constant communication, both internally across disciplines and with the municipal client, so all parties are aware of the progress on deliverables, design, and permitting. This collaborative relationship with all parties, from the kick-off meeting to project certification, helps ensure an accurate and timely final product.

The following is a short list of projects delivered on schedule and within budget:

On Schedule

- **Project No. 1: Kimberly Boulevard Complete Streets Project, Phase I, North Lauderdale**
Original Schedule: October 2019 to March 2021
Actual Schedule: October 2019 to January 2021
- **Project No. 2: Hallandale Boulevard Median Beatification (Design & Approval), Hallandale Beach**
Original Schedule: January 2020 to August 2020
Actual Schedule: January 2020 to May 2020
- **Project No. 3: Lift Station 50 B1, Lauderdale Lakes**
Original Schedule: August 2017 to August 2020 (all of UAZ 122)
Actual Schedule: August 2017 to February 2020 (all of UAZ 122)



- **Project No. 4: Dillman Trail (Design, Permitting, LAP), Greenacres**
Original Schedule: October 2020 to March 2022
Actual Schedule: October 2020 to March 2022

At or Under Budget

- **Project No. 1: Miramar Historic Area Complete Streets, Phase II, Miramar**
Budgeted Cost: \$1,800,000.00
Actual Cost: \$1,900,000.00 (The additional \$100,000.00 was a client added scope change)
- **Project No. 2: NSU Mailman Segal Center Playground, Davie**
Budgeted Cost: \$402,000.00
Actual Cost: \$373,600.00
- **Project No. 3: Stunson Trail Viewing Platform & Landscaping**
Estimated Cost: \$100,000.00
Actual Cost: \$121,000.00 (client added aluminum benches and handrails - \$19,700.00)
- **Project No. 4: El Dorado Neighborhood Improvements, Plantation**
Budgeted Cost: \$481,000.00
Actual Cost: \$378,000.00

SUSTAINABLE BUSINESS PRACTICES

Craven Thompson is committed to lessening its environmental impact and advocating green initiatives throughout the company. Our goal is to benefit our community and employees while setting the bar in our profession. The following is a brief summary of our green policies and procedures which were initiated over the past decade:

- At Craven Thompson the recycling of paper goods is not limited to those containing confidential information. All paper, including magazines and inter-office memos are thoroughly and completely shredded in order to expedite the recycling process.
- Craven Thompson has instituted effective recycling practices and significantly reduced our paper consumption. We continually seek to minimize the volume of paper used in printing, copying, data storage and communication. We have increased our focus on paperless technology and developed electronic templates for a wide variety of internal and external communications. We have also converted the vast majority of our reports, faxes, newsletters and bulletins from hard copy to electronic versions. Internal campaigns urge our personnel to view documents on-screen whenever possible; if paper copies are necessary, we use recycled paper for printing and copying. Duplex printing set as the default for “two-sided” use is an increasingly effective way to achieve our paper reduction goals.
- In addition to paper recycling, we work with our local property managers to minimize disposables and reuse equipment and supplies wherever possible. We systematically recycle large volumes of printer/photocopier cartridges, batteries and plastics.
- Craven Thompson conserves energy by using more efficient lighting systems. We steadily encourage energy-conscious practices across the company. Our offices promote energy efficiency through motion-sensitive light switches.



BUSINESS INFORMATION AND STRUCTURE

For over sixty-four 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, landscape architectural services, utilities engineering, land surveying, GIS mapping, water, wastewater, utility management, and construction engineering inspection (CEI).

Craven Thompson 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 sixty-four years, landscape architectural services for the past forty-seven years, and G.I.S. services for the past twenty years. We have sixty-one employees consisting of two Landscape Architects, two Landscape Designer, two Planners; twenty-three Civil Engineers, fifteen surveyors & GIS specialists (includes field crews), two construction managers, five construction inspectors, and administrative support personnel. We have two offices with our main office located in Fort Lauderdale, and a branch office in Delray Beach. Craven Thompson and our sub-consultants have extensive experience with projects involving roadways, complete streets, stormwater drainage, water, wastewater, landscape architecture, surveying, and G.I.S.

Firm Ownership

Thomas M. McDonald

President / 100% Owner

Craven Thompson & Associates, Inc.

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

Phone: (954) 739-6400

Email: tmcdonald@craventhompson.com

Organizational Structure

✧ Patrick J. Gibney, P.E.

Vice President, Engineering

Phone: (954) 739-6400

Email: pgibney@craventhompson.com

✧ Richard Crawford, P.S.M.

Vice President, Surveying & G.I.S.

Phone: (954) 739-6400

Email: rcrawford@craventhompson.com

✧ Scott W. Peavler, P.L.A.

Vice President, Planning & Landscape Arch.

Phone: (954) 739-6400

Email: speavler@craventhompson.com

✧ Thomas A. McDonald

Chief Financial Officer / Corporate Secretary

Phone: (954) 739-6400

Email: tamcdonald@craventhompson.com

Location of Headquarters, and Location of Branch Office

✧ Corporate Headquarters

3563 NW 53rd Street

Fort Lauderdale, Florida 33309

✧ One Branch Office:

4723 W. Atlantic Avenue, Suite 12A

Delray Beach, Florida 33445



PROFESSIONAL LICENSES/CERTIFICATIONS

CRAVEN, THOMPSON & ASSOCIATES



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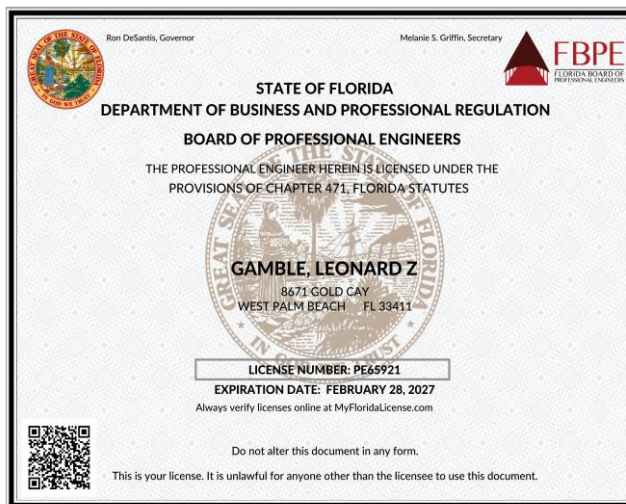
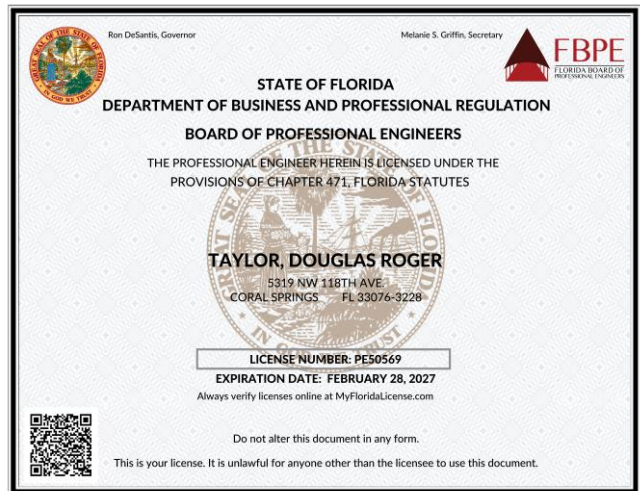
Licensee

Name:	CRAVEN, THOMPSON & ASSOCIATES, INC.	License Number:	271
Rank:	Registry	License Expiration Date:	
Primary Status:	Current	Original License Date:	05/10/1977

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
49428	Current, Active	GIBNEY, PATRICK J	Registry	03/14/2014	Professional Engineer	02/28/2027

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- Unlicensed Activity Search
- AB&T Delinquent Invoice & Activity List Search


Licensee

Name:	CRAVEN, THOMPSON & ASSOCS INC	License Number:	
Rank:	Landscape Architecture Business Info	License Expiration Date:	
Primary Status:	Current	Original License Date:	06/18/1985
Secondary Status:	Active		

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
LA6666976	Current Active	PEAVLER, SCOTT WADE DBA: CRAVEN, THOMPSON & ASSOC INC	Landscape Architect	11/08/2023	Registered Landscape Architect	11/30/2027






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

License No.: **LB271**
Expiration Date February 28, 2027


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

CRAVEN-THOMPSON & ASSOC, INC
3563 NW 53RD ST
FT LAUDERDALE, FL 33309-6311



WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

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




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

License No.: **LS5371**
Expiration Date February 28, 2027

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


RICHARD G CRAWFORD JR
12780 NW 15TH ST
SUNRISE, FL 33323-3101



WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

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





Florida Department of Transportation
605 Suwannee Street
Tallahassee, FL 32399-0450

RON DESANTIS
GOVERNOR

JARED W. FERDUE, P.E.
SECRETARY

June 10, 2025

Thomas M. McDonald, President
CRAVEN, THOMPSON & ASSOCIATES, INC.
3563 NW 53rd Street
Ft. Lauderdale, FL 33309

Dear Mr. McDonald:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design
- 7.1 - Signing, Pavement Marking and Channelization
- 8.1 - Control Surveying
- 8.2 - Design, Right of Way & Construction Surveying
- 8.4 - Right of Way Mapping
- 10.1 - Roadway Construction Engineering Inspection
- 15.0 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2026, for contracting purposes.

1

Approved Rates

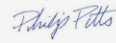
Home Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Published Fee Schedule
140.04%	0.018%	Reimbursed	0.00%	No

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.PSPrequalification@dot.state.fl.us.

Sincerely,



Philip Pitts
Professional Services Qualification Administrator
PPYG

2

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, 2026, that its most recent annual report/uniform business report was filed on January 5, 2026, 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 Fifth day of January, 2026




Secretary of State


Tracking Number: 3963468616CC

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

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



CITY OF FORT LAUDERDALE
BUSINESS TAX YEAR 2025-26



Business Tax Division
700 NW 19TH AVE. | FORT LAUDERDALE, FL 33311 | (954) 828 - 5195

Business ID: BL-1301193

Business Name: GIBNEY, PATRICK J

Business Address: 3563 NW 53 ST

PATRICK J GIBNEY
CRAVEN THOMPSON & ASSOCIATES INC
3563 NW 53 ST
FORT LAUDERDALE FL 33309

TAX CATEGORIES
408800 ENGINEER

Contact: PATRICK J GIBNEY
Business Email: Tamcdonald@Craventhompson.Com

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email business@fortlauderdale.gov, and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.
- If you have sold your business, please email a copy of the Bill of Sale to business@fortlauderdale.gov and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

700 NW 19TH AVE.
Fort Lauderdale, FL 33311
TEL 954 828 5195
WWW.FORTLAUDERDALE.GOV



BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-357-4829
 VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: CRAVEN 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:**
 FT LAUDERDALE
Business Phone: 954-739-6400 **Exemption Code:**

Rooms Seats Employees Machines Professionals
 5

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	
Receipt Fee			30.00				
Packing/Processing/Canning Employees			0.00				

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.

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

Receipt #**HW-24-00284466**
 Paid 07/22/2025 30.00

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-357-4829
 VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: CRAVEN 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:**
 FT LAUDERDALE
Business Phone: 954-739-6400 **Exemption Code:**

Rooms Seats Employees Machines Professionals
 5

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	
Receipt Fee			30.00				
Packing/Processing/Canning Employees			0.00				

Receipt #**HW-24-00284466**
 Paid 07/22/2025 30.00

Development Services
 Department
 100 NW 1st Ave

**City of Delray Beach
 BUSINESS TAX RECEIPT**

Owner /Qualifier:
Business Name:
DBA:
Location:

CRAVEN THOMPSON & ASSOCIATES INC
 Thomas McDonald
 3563 NW 53rd Street
 FT LAUDERDALE, FL 33309

CRAVEN THOMPSON & ASSOCIATES INC
 Thomas McDonald
 3563 NW 53rd Street
 FT LAUDERDALE, FL 33309

Receipt No.:
Issue Date:
Expiration Date:
 Standard Classification Fee 190.30
 \$190.30 ea. class
Total Amount Paid: 190.30

BUSINESS TAX RECEIPT ISSUED FOR THE PERIOD
 OCTOBER 1, 2025 TO SEPTEMBER 30, 2026

BUSINESS TAX RECEIPT MUST BE CONSPICUOUSLY DISPLAYED TO PUBLIC VIEW AT BUSINESS LOCATION

Notice: This business tax receipt becomes NULL and VOID if ownership, business name, or address is changed.

**City of Delray Beach
 BUSINESS TAX RECEIPT INFORMATION**

Date Issued: BUSINESS TAX RECEIPT ISSUED FOR THE PERIOD
 OCTOBER 1, 2025 TO SEPTEMBER 30, 2026

Classification:
Restriction:

Business Tax Receipt must be posted in a visible location so that it can be viewed by anyone upon entering your place of business.

Business Tax Receipts are renewed annually on September 30 of each year. As a courtesy, we will mail renewal reminders in July. However, if you do not receive a renewal notice, it is your responsibility to ensure that your Business Tax Receipt is renewed prior to September 30 of each year. Failure to receive a renewal reminder notice will not exempt you from paying any penalties for late payment. If you have more than one business location, you must obtain a business tax receipt for each location.

If there is a change in the business name, ownership, or location, you must submit a Zoning Certificate of Use. Upon approval of the application, a transfer fee of \$19.03 will be due to the Business Tax Office. On the Business Tax Receipt, the previous owner must sign and date indicating that all rights, interest and title of the business is assigned to the new owner.

A separate business tax receipt is issued for each use performed within your business. If you have any questions regarding the classification of your business, please visit us at 100 NW 1st Avenue, Delray Beach, FL 33444, check our website at DelrayBeachFL.gov, or call us at (561) 243-7040 ext. 4

Receipt No.:
 Date: 09/12/2025
 Page 1 of 1



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

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

****LOCATED AT****
 4723 W ATLANTIC AVE
 DELRAY BEACH, FL 33445

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
ENGINEER	GIBNEY PATRICK J	49428	B25.637931 07/23/2025	\$33.00	B40166305

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



9-2
 CRAVEN THOMPSON AND ASSOCIATES INC
 CRAVEN THOMPSON AND ASSOCIATES INC
 3563 NW 53RD ST
 FORT LAUDERDALE FL 33309-6311

**STATE OF FLORIDA
 PALM BEACH COUNTY
 2025 / 2026 LOCAL BUSINESS TAX RECEIPT
 LBTR Number: 2021140466
 EXPIRES: 09/30/2026**

This receipt 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.gov Tel: (561) 355-2264

****LOCATED AT****
 4723 W ATLANTIC AVE
 DELRAY BEACH, FL 33445

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
ENGINEER BUSINESS	CRAVEN THOMPSON AND ASSOCIATES INC	271	B25.637930 07/23/2025	\$33.00	B40166306

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



CRAVEN THOMPSON AND ASSOCIATES INC
 CRAVEN THOMPSON AND ASSOCIATES INC
 3563 NW 53RD ST
 FORT LAUDERDALE FL 33309

**STATE OF FLORIDA
 PALM BEACH COUNTY
 2025 / 2026 LOCAL BUSINESS TAX RECEIPT
 LBTR Number: 2021140466
 EXPIRES: 09/30/2026**

This receipt MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



REINA ENGINEERING, LLC: CIVIL ENGINEERING

Florida dbpr Department of Business & Professional Regulation

HOME CONTACT US MY ACCOUNT

ONLINE SERVICES

- Apply for a License
- Verify a Licensee
- View Food & Lodging Inspections
- File a Complaint
- Continuing Education Course Search
- View Application Status
- Find Exam Information
- Unlicensed Activity Search
- AB&T Delinquent Invoice & Activity List Search

Licensee

Name: **REINA ENGINEERING LLC** License Number: **36570**

Rank: **Registry** License Expiration Date:

Primary Status: **Current** Original License Date: **12/06/2022**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
95150	Current, Active	REINA, FRANCISCO E	E Registry		Professional Engineer	02/28/2027

Page 1 of 1

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

REINA, FRANCISCO E.
8250 BRANT DRIVE
BOCA RATON FL 33487

LICENSE NUMBER: PE95150
EXPIRATION DATE: FEBRUARY 28, 2027

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

BROWARD COUNTY OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

CERTIFIED

THIS CERTIFICATE IS AWARDED TO

REINA ENGINEERING, LLC

AS SET FORTH IN THE BROWARD COUNTY BUSINESS OPPORTUNITY ACT, THE CERTIFICATION REQUIREMENTS HAVE BEEN MET FOR:

County Business Enterprise (CBE) and Small Business Enterprise (SBE)

SANDY-MICHAEL MCDONALD Digitally signed by SANDY-MICHAEL MCDONALD
Date: 2024.11.04 10:54:06 -0500

Anniversary Date: November 1st.

GOVERNMENTAL CENTER ANNEX 115 S. ANDREWS AVENUE, ROOM A680 FORT LAUDERDALE, FL 33301
TEL: 954-357-6400 • EMAIL: SBCERT@BROWARD.ORG • TTY: 954-357-5664

Florida Unified Certification Program
Disadvantaged Business Enterprise (DBE)
Certificate of Eligibility

REINA ENGINEERING, LLC

MEETS THE REQUIREMENTS OF 49 CFR, PART 26
APPROVED NAICS CODES:
541330, 541611, 541990

Laura Paskvan
DBE & Small Business Development Manager
Florida Department of Transportation

Logos: FDOT, Broward County, Lee County Port Authority, Greater Orlando Aviation Authority, Jacksonville Transportation Authority, Miami-Dade County, Tampa International Airport, Allahassee, Vetran.

State of Florida
Minority Business Certification

Reina Engineering, LLC

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from: 07/22/2024 to 07/22/2026

Pedro Allende
Florida Department of Management Services

Office of Supplier Development
4050 Espinade Way, Suite 300
Tallahassee, Florida 32309
850-487-0915
www.dms.mf.orfla.com/ind



WIRX ENGINEERING, INC.: GEOTECHNICAL ENGINEERING



HOME CONTACT US MY ACCOUNT

ONLINE SERVICES

- Apply for a License
- Verify a Licensee
- View Food & Lodging Inspections
- File a Complaint
- Continuing Education Course Search
- View Application Status
- Find Exam Information
- Unlicensed Activity Search
- AB&T Delinquent Invoice & Activity List Search

Licensee

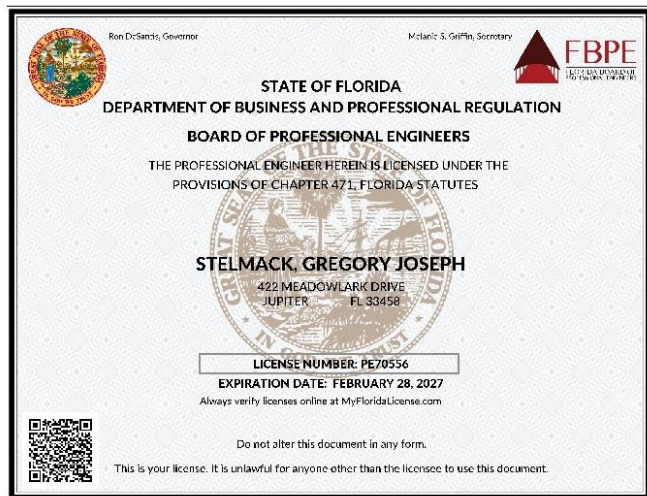
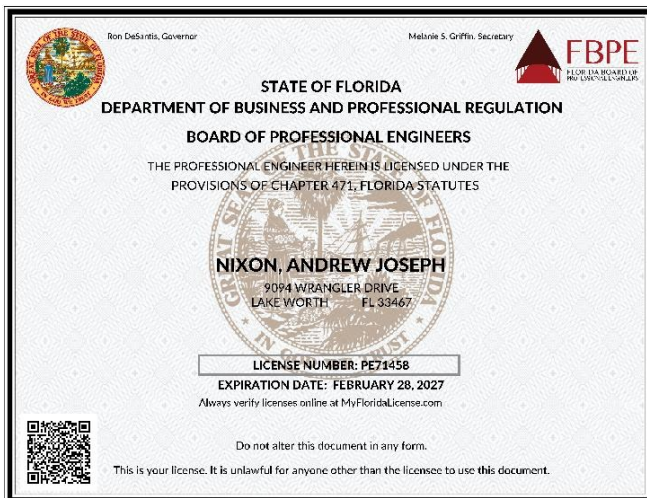
Name:	WIRX ENGINEERING, LLC	License Number:	34112
Rank:	Registry	License Expiration Date:	
Primary Status:	Current	Original License Date:	04/30/2020

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
83242	Current, Active	HIPPOLYTE, CLIFFORD	Registry		Professional Engineer	02/28/2027

Printer Friendly

[Return to License Details](#)




*State of Florida
Department of State*

I certify from the records of this office that WIRX ENGINEERING LLC is a limited liability company organized under the laws of the State of Florida, filed on November 7, 2017, effective January 1, 2018.

The document number of this limited liability company is L17000229939.

I further certify that said limited liability company has paid all fees due this office through December 31, 2025, that its most recent annual report was filed on February 17, 2025, 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-fourth day of March, 2025


Secretary of State

Tracking Number: 4892518308CU

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

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





FDOT
Florida Department of Transportation

RON DESANTIS GOVERNOR | JARED W. FERDIE, P.E. SECRETARY
605 Suwannee Street Tallahassee, FL 32399-0450

October 4, 2024

Gregory Stelmack, Managing Partner
WIRX ENGINEERING LLC
515 East Las Olas Boulevard, Suite 120
Fort Lauderdale, Florida 33301

Dear Mr. Stelmack:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:

- 9.1 Soil Exploration
- 9.4.1 Standard Foundation Studies

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until October 4, 2025, for contracting purposes.
*Limit for FDOT projects only

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,
Carliayn Kell
Carliayn Kell
Professional Services Qualification Administrator

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: WIRX ENGINEERING LLC | Receipt #: 315-306171 | Business Type: ENGINEER (PROFESSIONAL ENGINEER)
Owner Name: CLIFFORD HIPPOLYTE | Business Opened: 01/01/2018
Business Location: 515 E LAS OLAS BLVD STE 120 FT LAUDERDALE | State/County/Cert/Reg: | Exemption Code:
Business Phone: 9546635087

Rooms	Seats	Employees	Machines	Professionals
		7		

Tax Amount	Number of Machines:			Vending Type:		Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
37.50	0.00	0.00	0.00	0.00	0.00	37.50

Receipt Fee: 37.50
Packing/Processing/Canning Employees: 0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT | WHEN VALIDATED | 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.

Mailing Address: WIRX ENGINEERING LLC, 515 E LAS OLAS BLVD STE 120, FORT LAUDERDALE, FL 33301 | Receipt #: WNN-24-00282235 | Paid 07/15/2025 37.50

2025 - 2026

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-357-4829
VALID OCTOBER 1, 2025 THROUGH SEPTEMBER 30, 2026

Business Name: WIRX ENGINEERING LLC | Receipt #: 315-306171 | Business Type: ENGINEER (PROFESSIONAL ENGINEER)
Owner Name: CLIFFORD HIPPOLYTE | Business Opened: 01/01/2018
Business Location: 515 E LAS OLAS BLVD STE 120 FT LAUDERDALE | State/County/Cert/Reg: | Exemption Code:
Business Phone: 9546635087


Rooms	Seats	Employees	Machines	Professionals
		7		

Tax Amount	Number of Machines:			Vending Type:		Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
37.50	0.00	0.00	0.00	0.00	0.00	37.50

Receipt #: WNN-24-00282235 | Paid 07/15/2025 37.50



INFRAMAP CORP.: SUBSURFACE UTILITY ENGINEERING (S.U.E.)




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

License No.: **LB6666**
Expiration Date February 28, 2027

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

INFRAMAP CORP
1100 N FLORIDA MANGO RD STE D1
WEST PALM BEACH, FL 33409-5263



WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

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

State of Florida
Department of State

I certify from the records of this office that INFRAMAP CORP. is a Delaware corporation authorized to transact business in the State of Florida, qualified on October 6, 1994.

The document number of this corporation is F94000005189.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 14, 2025, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of February, 2025.




Secretary of State

Tracking Number: 4841033451CU

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

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



Florida Department of Transportation

605 Suwannee Street
Tallahassee, FL 32399-0450

RON DESANTIS
GOVERNOR

JARED W. FERDUE, P.E.
SECRETARY

July 01, 2025

Paul Hayes, President/CEO
INFRAMAP CORP.
10365 S Cedar Lane
Glen Allen, VA 23192
dsiegel@inframap.net

Dear Mr. Hayes:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following professional services types of work per Rule 14-75, F.A.C.:


- 8.1 - Control Surveying
- 8.2 - Design, Right of Way & Construction Surveying
- 8.4 - Right of Way Mapping

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until **June 30, 2026**, for contracting purposes.


Approved Rates						
Home Overhead	Field Overhead	Facilities Capital Cost of Money (FCCM)	Premium Overtime	Home Direct Expense	Field Direct Expense	Published Fee Schedule
188.52%	%	0.603%	Reimbursed	3.83%	%	No

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at FDOT.FSPrequalification@dot.state.fl.us.

Sincerely,

Philip Pitts
Professional Services Qualification Administrator
PP/DH

1



CITY OF WEST PALM BEACH
2025 to 2026 BUSINESS RECEIPT

NOT TRANSFERABLE

CITY OF WEST PALM BEACH
P.O. BOX 3147, WEST PALM BEACH, FL 33402

SURVEYING & MAPPING

0000055428
INFRAMAP CORP
1100 N FLORIDA MANGO RD # D

BUS. TAX ID.	CATEGORY	DESCRIPTION	FEES
102863	541370	SURVEYING & MAPPING SERVICES OFFICE	86.81
TOTAL			86.81
** PAID			86.81 ** BAL ** 0.00

EXPIRES SEPTEMBER 30, 2026

THIS DOCUMENT NOT VALID UNTIL FUNDS ARE COLLECTED



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

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

"LOCATED AT"
1100 N FLORIDA MANGO RD SUITE D
WEST PALM BEACH, FL 33409-5223

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT # DATE PAID	AMT PAID	BILL #
LAND SURVEYOR & MAPPER BUSINESS	INFRAMAP CORP	LB6666	825.818152 07/07/2025	\$33.00	840123207

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



INFRAMAP CORP
INFRAMAP CORP
1100 N FLORIDA MANGO RD SUITE D
WEST PALM BEACH FL 33409-5263

STATE OF FLORIDA
PALM BEACH COUNTY
2025 / 2026 LOCAL BUSINESS TAX RECEIPT
LBTR Number: 201002775
EXPIRES: 09/30/2026

This receipt 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 4.2.4

Qualifications of the Project Team



TEAM QUALIFICATIONS

The Craven, Thompson & Associates' team consists of seasoned professionals with extensive experience with large neighborhood and right-of-way improvement projects. The proposed team averages over thirty (30) years in their respective field of expertise. In addition to general knowledge of the process for right-of-way improvements, the team has specific knowledge and experience with the City of Fort Lauderdale's infrastructure rehabilitation efforts. Our proposed team members all have strong design and construction backgrounds resulting in common sense, economical solutions to problems. Our practical, deadline-oriented professionals will work diligently to meet submission deadlines, which in turn helps minimize delays associated with permitting and construction. With our highly experienced group of engineers, our forward thinking, adaptability and experience easily rivals that of a firm ten times our size.

One of the strengths of our organization is that we provide a multi-disciplinary approach to projects as our in-house capabilities include surveying, planning, civil engineering, landscape architecture, CEI services and G.I.S. services. As with this sidewalk project for the city, many of the projects that we perform for other municipalities involve some element of each of these fields of expertise. We have a group of professionals in each discipline with extensive experience who have worked with each other across disciplines on many of our past projects. This greatly increases our efficiency and reduces the possibility of miscommunication and lapses in coordination of the various disciplines involved in a project.

We offer a complete library of services for a turn-key operation. Most of the primary services will be handled in-house. Services not provided in-house such as geotechnical services will be supplemented with professionals we've teamed with on previous projects.

Working extensively within the City of Fort Lauderdale, we have a highly developed and refined understanding of the specifics of the proposed project components, project challenges, and regulatory requirements, which we have developed over many years of practice.

Our Organizational Chart identifies a single point of contact, Principal-In-Charge/Project Manager, Patrick Gibney P.E. Mr. Gibney has been involved in a large number of right-of-way rehabilitation projects, specifically those identified in this RFQ. He has worked with City staff and is familiar with city codes, ordinances and processes.

Our proposed project manager, Patrick J. Gibney, P.E., is a principal of our firm and takes an active role in day-to-day project management, design, permitting and construction and is very responsive to his clients, and is very quick to resolve any issues which may arise. In order to keep projects on track to meet time and budget requirements, he keeps regular contact with municipal staff representatives through various means.

Our in-house Survey Department, led by Richard Crawford, P.S.M, applies innovative means in providing accurate, effective, and cost-efficient survey solutions. Scott Peavler, P.L.A., our Principal landscape Architect will be involved in aspects such as tree preservation and relocation required for the project.



KEY PROJECT PERSONNEL

Principal-in-Charge/Project Manager

Patrick J. Gibney, P.E. is the proposed Principal-In-Charge/Project Manager for the “*Design of Sidewalks Citywide Project (FORT-104)*”.

Mr. Gibney graduated from Rutgers, The State University, with a Bachelor of Science Degree in Civil Engineering in 1987. He received his professional engineering license in the State of Florida in 1995. With a total of thirty-nine years of experience in the civil engineering field, Mr. Gibney has spent thirty-three of those years with Craven Thompson & Associates.



As project manager, Mr. Gibney serves as the project lead, client contact, and technical specialist for municipal infrastructure projects. He provides technical experience and expertise for roadway projects and leads planning, study, design and permitting efforts related to roadway design and drainage design associated with roadways. He provides leadership, direction, and technical guidance to staff and municipal clients on a variety of projects.

He has designed and managed projects involving infrastructure rehabilitation in Broward County since 1993. His initial project was the South County Neighborhood Improvement Project for Broward County Water & Wastewater Service which ran from 1993 to 2005. This 1,440-acre project included the design, permitting, bidding and construction consisting of 53 miles of roadway, and 140,618 linear feet of watermain. Following that project, he was also heavily involved in the design and management of the Central County Neighborhood Improvement Project, the North Central County Neighborhood Improvement Project, and the North County Improvement Project.

Mr. Gibney has managed a large number of roadway/sidewalk projects for municipalities including complete streets and streetscape projects within Broward County. This includes projects in Oakland Park, Davie, Hollywood, and Miramar.

Recent projects that Mr. Gibney has managed include SW 30th Street Improvements in Davie (Surtax project), Orange Drive Corridor Improvements in Davie (Surtax project), Hollywood Blvd. Conceptual Design in Hollywood, and NW 10th Avenue Improvements, NE 34th Street Complete Streets Project, and NE 28th Street Complete Streets Project, all in Oakland Park.

Lead Surveyor:

Mr. Richard G. Crawford, Jr., P.S.M. has over forty-one years of experience surveying in South Florida. He specializes in all aspects of the land surveying & mapping profession and has also GIS/Survey applications using ESRI ArcGIS software 90. He has developed unique skills to collect, analyze and utilize 3D Aerial LiDAR data for City-wide Storm water and Drainage studies. Mr. Crawford has managed multiple large, Surveying, Mapping, and GIS projects over the past several decades and continues to keep abreast of new technologies and more efficient ways of managing projects for all clients.



Lead Landscape Architect:

Mr. Scott W. Peavler, P.L.A. has twenty years of experience in landscape architecture and planning, with sixteen of those years at Craven Thompson. He is currently serving as Principal Landscape Architect and department head for Craven Thompson’s Landscape Architecture and Planning Department.



Having worked in both the public and private sectors, Mr. Peavler 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, complete streets, parks, streetscape, median enhancement and irrigation plans; utilizing his knowledge of local, state and federal regulations. He has direct client contact to obtain project input and approvals, responsible for completion of projects on time and within budget.

KEY PERSONNEL / POSITION	COMPANY / FUNCTION / ROLE	RELEVANT PROJECTS
 <p>Patrick Gibney, P.E. Vice President, Engineering Florida PE No. PE49428</p>	 <p>Craven Thompson & Associates Project Manager / Client Contact Principal-In-Charge, Project Manager 33 Years w/CTA 39 Years Total</p>	<ul style="list-style-type: none"> ▪ NE 34th Court Complete Streets, Oakland Park ▪ NE 38th Street Complete Street, Oakland Park ▪ NW 10th Avenue Roadway Project, Oakland Park ▪ Orange Drive Corridor Improvements, Davie ▪ Hollywood Boulevard Conceptual Master Plan ▪ Kimberly Blvd. Complete Streets Project, North Lauderdale ▪ SW 30th Street Improvements, Davie ▪ NE 14th Ave. Streetscape Improvements, Hallandale Beach ▪ SW 48th Ave. Complete Streets Improvements, West Park ▪ Floranada Road Traffic Calming Imp., Oakland Park ▪ NE 183rd Street Median Improvements, Aventura ▪ CDBG Sidewalk Improvements, Deerfield Beach ▪ NW 21st Avenue Broward County Right-of-Way
 <p>Zach Gamble, P.E. Sr. Supervising Engineer Florida PE No. PE65921</p>	 <p>Craven Thompson & Associates Civil Engineer 18 Years w/CTA 22 Years Total</p>	<ul style="list-style-type: none"> ▪ Swain Boulevard Complete Streets, Greenacres ▪ Chickasaw Road Improvements, Greenacres ▪ Dillman Trail Improvements, Greenacres ▪ 2nd Street Roundabout and Sidewalk Improvements, Greenacres ▪ Bowman Street Sidewalk & Drainage Outfall, Greenacres ▪ Ramblewood Drainage Improvements, Greenacres ▪ Storm Sewer Outfall Replacement to SFWMD C-17 Canal ▪ Seacrest Boulevard Streetscape, Woolbright Road to Boynton Beach Boulevard, Boynton Beach ▪ Original Section Drainage Improvements, Stormwater Master Plan, and Phases 1 thru 6 Implementation



KEY PERSONNEL / POSITION	COMPANY / FUNCTION / ROLE	RELEVANT PROJECTS
 <p>Douglas Taylor, P.E. Director of Municipal Services Florida PE No. PE50569</p>	 <p><small>CRAVEN THOMPSON & ASSOCIATES INC.</small> Craven Thompson & Associates Transportation Engineer 15 Years w/CTA 42 Years Total</p>	<ul style="list-style-type: none"> ▪ Miramar Historic Area Complete Streets, Ph. II, Miramar ▪ SW 36th Street Improvements, Davie ▪ SW 48th Ave. Complete Streets Improvements, West Park ▪ Kimberly Blvd. Complete Streets, North Lauderdale ▪ College Avenue Improvements, Davie ▪ Livable Neighborhood Improvement Project, Vista Verde Phases 1A & 1B, Miami Gardens ▪ Swain Boulevard Complete Streets, Greenacres ▪ Griffin Road Expansion, Broward County ▪ 2nd Street Traffic Roundabout and Sidewalk Improvements, Greenacres ▪ Miami Springs City-Wide Ramps ▪ Traffic Calming at the Intersections of 123rd St. & NW 1st Court, 123rd St. & Miami Court, NW 139th Terrace & NW 5th Court, North Miami
 <p>Scott Peavler, P.L.A. Landscape Architect Florida PLA No. LA6666976</p>	 <p><small>CRAVEN THOMPSON & ASSOCIATES INC.</small> Craven Thompson & Associates Lead Landscape Architect 16 Years w/CTA 20 Years Total</p>	<ul style="list-style-type: none"> ▪ NE 14th Avenue Streetscape Imp., Hallandale Beach ▪ Miramar Historic Area Complete Streets Project, Phase II ▪ NE 38th Street Complete Streets Project, Oakland Park ▪ Utility 69th Street Greenway Design Guidelines, Coconut Creek ▪ Utility Powerline Rd. Median Beautification, Oakland Park ▪ NE 5th Avenue Roadway & Streetscape Improvements, Oakland Park ▪ Swain Boulevard Complete Streets Project, Greenacres ▪ City-Wide Master Plan (BODR) - Streetscape & Complete Streets, Hallandale Beach ▪ Powerline Road Median Improvements, Oakland Park ▪ Kimberly Blvd. Complete Streets, North Lauderdale ▪ Indian Creek Greenway Project, Miami Beach
 <p>Richard Crawford, P.S.M. Lead Surveyor Florida PSM No. LS5371</p>	 <p><small>CRAVEN THOMPSON & ASSOCIATES INC.</small> Craven Thompson & Associates Lead Surveyor 41 Years w/CTA 5 Years Total</p>	<ul style="list-style-type: none"> ▪ Districtwide Miscellaneous Surveying Services FDOT Districts 4 & 6 ▪ Fort Lauderdale Citywide Surveying & GIS for Stormwater ▪ Fort Lauderdale Citywide Surveying and G.I.S. for Sanitary Sewer ▪ Utility Citywide Benchmarks, Pompano Beach ▪ SBDD Basin 5 Flood Gate Survey, Miramar ▪ Central Broward Water Control District (Surveys, Plan & Survey Review, Easements, Record Searches) ▪ Riviera Isles Lake Cross Section Survey, Miramar (SBDD) ▪ SBDD B-2 Pump Station Survey, Pembroke Pines ▪ Broward County UAZ 110 Survey, Broward County



ORGANIZATIONAL CHART

Our Team Organizational Chart



PROFESSIONAL RESUMES

See professional resumes starting on the next page.





Patrick J. Gibney, P.E.

Project Manager / Principal-In-Charge

Mr. Gibney has over thirty-nine 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, lift Stations, pavement design, storm water management systems, drainage systems, & contract documents.

Relevant Experience:

Orange Drive Corridor Improvements | Davie, Florida | Project Director

The project adds a third lane for approximately 4,100 linear feet on the north side of the existing Orange Drive east of SW 61st Avenue to the Turnpike off ramp and include milling and overlay of the existing roadway from SW 61st Avenue to SW 64th Avenue. The typical section will be rural with swales on both sides and drainage added to attenuate runoff. The project also includes modifications/upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, widening of multi-use path along SFWMD C-13 Canal and all miscellaneous improvements. **This is a Broward County Surtax Project**

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

The consulting services included surveying and design for 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. This project utilized FDOT LAP funding for design.

Professional Registrations

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

Education + Training

- Bachelor of Science, Civil Engineering, Rutgers, The State University (1987)
- FDOT Pre-Qualified Roadway Construction Engineering Inspection

Years of Experience

- Total: 39; With Firm: 33

SW 30th Street Roadway Improvements |Davie, Florida| Project Director - The project consisted of the reconstruction of SW 30th Street, from SW 75th Avenue to west side of College Avenue. The roadway was designed to keep three lane width for the length of approximately 2,550 linear feet. The typical section was urban and consisted of 33' to 36' of roadway, 4.0' bike lanes, 5.0' sidewalks, 2.0' curb and gutter with a landscape strip (± 4' to 6') if the Right of Way warrants. The project included modifications/upgrades to the existing drainage, pavement marking, lighting upgrades and relocations, landscaping, irrigation, installation of bike lanes and sidewalk. **This is a Broward County Surtax Project.**

CDBG Sidewalk Improvement Project | Deerfield Beach, Florida | Project Manager

Craven Thompson prepared Schematic Level Plans, cross-sections, and details for approximately 12,200 linear feet of 5' wide sidewalk located at 20 locations within the City of Deerfield Beach. The latest available Broward County aerials were utilized as the base for the schematic plans. Craven Thompson prepared contract documents to include technical specifications and estimated quantities for the civil portion of the project.

Sidewalk, Swale, Drainage & Roadway Improvements CDBG Improvements | Hallandale Beach, Florida | Project Manager

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.

NE 203rd Street Sidewalk | Aventura, Florida | Project Director

Craven Thompson provided surveying and civil engineering for the southwest corner of NE 203rd Street and NE 29th Place. Mr. Gibney directed the design and permitting for the installation of a concrete sidewalk at the southwest corner of NE 203rd Street and NE 29th Place. Worked on design plans and coordinated with Traffic Engineering subconsultant for traffic related improvements. Processed permit applications with Miami-Dade County Department of Transportation and Public Works. Prepared bid documents and assisted with RFI responses during construction.

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

This project involved landscape architecture, professional engineering services for the design, permitting and CEI for 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.

NE 34th Court Complete Streets Project | Oakland Park, Florida | Project Manager

The streetscape and engineering services included CEI for 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.

Hollywood Boulevard Conceptual Master Rehabilitation Plan | Hollywood, Florida | Project Manager

The Hollywood Boulevard Rehabilitation Project was the conceptual design for the reconstruction of approximately 3,800' feet of Hollywood Blvd. from S 28th Avenue on the west, to the east side of City Hall Circle. Proposed improvements included reconstruction of the asphalt roadway, buffered bicycle lanes throughout the project corridor, improving sidewalk connectivity and ADA compliance, replacing the existing paver crosswalks with colored asphalt crosswalks, reconfiguring intersection geometry at two (2) intersections to improve safety, and improving the existing signage.

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

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 CEI services provided by sub-consultants and in-house inspectors.

NW 10th Avenue Roadway Improvement Project | Oakland Park, Florida | Project Manager - The scope

of work included 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, included preparation of contract documents and permitting. Generally, improvements included 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.

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

Project Manager (Design & CEI) – The 3,400 linear feet project included: mill and overlay entire roadway (including pavement markings); off-street parking (including pavement markings) and provided new Type 'D' curbed landscape bulb-outs to delineate parallel parking and included canopy trees, shrubs, 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 along north, south, and west sides of the two (2) storm water pump stations.

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

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.



Douglas R. Taylor, P.E.

Civil Engineer

Mr. Taylor has been responsible for a multitude of municipal engineering / drainage / roadway projects throughout Florida. This includes project management, master design responsibility and oversight for a variety of projects. The projects involve roadway, water, sewer, and drainage projects.

Relevant Experience:

SW 36th Street Improvements | Davie, Florida | Senior Engineer

The 3,300-foot length of SW 36th Street was designed as a two-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 Street, owned by Nova Southeastern University, was dedicated to the Town of Davie.

SW 48th Avenue Complete Streets Project | West Park, Florida

Mr. Taylor assisted with the design and permitting of the complete streets project. The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements that may be included are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and PMS. **This is a Broward County Surtax Project.**

Professional Registrations

- State of Florida Professional Civil Engineer No. 50569 (1996)
- TS EM5 Intermediate ICS (G300) Certificate

Education + Training

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

Years of Experience

- Total: 42; With Firm: 15

Kimberly Boulevard Complete Streets Project | North Lauderdale, Florida | Project Manager for the design and permitting of 1.2 miles of roadway, sidewalk, 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. **This is a Broward County Surtax Project.**

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 six streets in the Historical Area. The improvements included: sidewalks, ADA ramps, crosswalks, pedestrian level lighting, landscaping, and hardscape.

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

Mr. Taylor assisted with the design and permitting of new and replacement ADA ramps throughout the City of Miami Springs. 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.

SW 48th Avenue Complete Streets Project | West Park, Florida | Senior Engineer

The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements that may be included are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and pavement marking & signage. **This is a Broward County Surtax Project.**

Miramar Technology Village Roadway Improvements | Miramar, Florida | Project Manager- The roadway improvements are broken into two phases. Phase 1 includes SW 33rd St from SW 68th Ave, past SW 69th Ave and Wildcat Way to Shirley Branca Park. Phase 2 includes SW 69th Ave, from SW 33rd St with a roundabout at SW 34th Street down to SW 35th St; and SW 34th Street from SW 68th Ave to the roundabout at SW 69th Avenue. The City of Miramar is constructing new roadways, sidewalks, roundabouts, parallel parking stalls, drainage, new lighting and landscaping for the Historic Miramar Technology Village.



City of Miami Gardens Livable Neighborhood Improvement Project, Vista Verde Phases 1A & 1B | Miami Gardens, Florida | Senior Engineer. The Vista Verde Phase 1A & 1B Improvements are located within the City of Miami Gardens bordered by NW 213th Street to the north, NW 207th Lane to the south, NW 37th Avenue (Douglas Road) to the east, and a vacant plot of land to the west. The project included 1,900 LF of roadway and 1,900 LF of storm sewer and full right-of-way restoration.

Swain Boulevard Complete Streets Project | Greenacres | Florida

Mr. Taylor is assisting with the design and permitting of the Swain Boulevard Complete Streets Project which is a 4,500-linear foot project running from Lake Worth Road to 10th Avenue North. The project includes bicycle lanes of both sides of the street, sidewalks, parallel parking, landscape, hardscape and drainage. It also includes traffic circles at 1st Street and 4th Street.

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

Design and permitting of 0.60 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 project through Central Broward Water Control District (CBWCD), South Florida Water Management District (SFWMD), and Broward County Highway Construction & Engineering Division. Also, developed pavement marking & signage plans.

Griffin Road Expansion | Broward County, Florida | Project Manager

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

NW/SW 8th Avenue Complete Street Project | Hallandale Beach, Florida | Project Manager

The project is approximately 1.5 miles in length and extends south from Pembroke Road south to SW 11th Street. The design improvements are within the rights-of-way only. The scope of work includes evaluation of existing conditions and best practices, surveying, geotechnical analysis, roadway design, onsite drainage design, sidewalks, multi-use paths, FPL coordination, bus shelters (only associated with City Community Shuttle bus stops), landscaping, on-street parking, project management, and public involvement (Community Outreach). **This is a Broward County Surtax Project.**

2nd Street Traffic Circle and Sidewalk Improvements | Greenacres, Florida | Senior Engineer

Craven Thompson designed and permitted a traffic circle at 2nd Street and Swain Boulevard in Greenacres. This included landscape, hardscape and a clock feature within the circle. Curb % gutter, sidewalk and drainage were included along with other utility adjustments and relocations. The project also included: 18,300 feet (3.14 miles) of proposed sidewalk, & ADA improvements as well as drainage design for drainage in conflict with proposed sidewalk.

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 expanses of pavement without traffic control and therefore required the implementation of traffic calming features. Craven Thompson designed elevated intersections, removed pavement and introduced curbing to reduce speeds.

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

Mr. Taylor assisted with the design and permitting of new and replacement ADA ramps throughout the City of Miami Springs. 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.



Leonard "Zach" Gamble, P.E.

Civil Engineer

Mr. Gamble has twenty-two years of experience in civil engineering design and permitting in South Florida. The areas in which Mr. Gamble has municipal engineering experience include stormwater studies, computer modeling, drainage/water/sanitary design & permitting, and roadway design. The range of his experience includes drainage design & analysis, design of water distribution systems, sewer collection systems, CADD drafting, cost estimates, ICPR, & CEI.

Professional Registrations

- Professional Engineer
State of Florida No. 65921
(2007)

Education + Training

- Bachelor of Science,
Mechanical Engineering,
North Carolina State
University (2002)

Years of Experience

- Total: 22; With Firm: 18

Relevant Experience

Western C-11 Facilities Report Update and Basin Study-CBWCD | Davie, Cooper City, Southwest Ranches, Florida | Project Civil Engineer. Assisted in performing a hydrologic and hydraulic analysis of CBWCD canals within the Western C-11 Basin; developed a model utilizing PCSWMM stormwater modeling software. Craven Thompson surveyed, cross-sectioned, and created a Stormwater Master Plan for thirty-seven (37) District maintained Canals in the West Basin covering 15,952 acres for the purpose of updating the Facilities Report.

2nd Street Traffic Circle and Sidewalk Improvements

 | Greenacres, Florida | Project Manager

Mr. Gamble managed the project, designed and permitted a traffic circle at 2nd Street and Swain Boulevard in the City of Greenacres. This included landscape, hardscape and a clock feature within the circle. Curb & gutter, sidewalk and drainage were included along with other utility adjustments and relocations. The project also included 18,300 feet (3.14 miles) of proposed sidewalk, and ADA improvements as well as drainage design for conflicts with proposed sidewalk.

Swain Boulevard Complete Streets Project | Greenacres, Florida | Project Manager - Mr. Gamble is managing the design and permitting of the Swain Boulevard Complete Streets Project which is a 4,500 LF project running from Lake Worth Road to 10th Ave. North. The project includes bicycle lanes of both sides of the street, sidewalks, parallel parking, landscape, hardscape and drainage. It also includes traffic circles at 1st Street, and 4th Street.

Original Section Drainage Improvements, Stormwater Master Plan, and Phases 1 thru 6 Implementation | Greenacres, Florida | Project Manager - The Original Section Drainage Improvements project located in the City of Greenacres is an existing 246-acre neighborhood. The Master Plan included the modeling of existing and proposed drainage improvements using *Interconnected Channel and Pond Routing* (ICPR) software. The project required over 6,500 LF of drainage pipe, 21,615 LF of ditch re-shaping, long lengths of sidewalk replacement, driveway restorations, and pavement restoration. The Phase 1 project required installation of 500 LF of 36" RCP storm pipe, 1,010 LF of 24" RCP Storm Pipe, 156 LF of 18" RCP Storm Pipe, 156 LF of 12"x18" RCP Storm Pipe, significant ditch reshaping, sidewalk replacement, and replacement of outfall to LWDD canal, Phase 2 included 6,200 LF of ditch grading and 4 culvert crossings, Phase 3 included 1,000 LF of drainage pipe, Phase 4 involved ditch reshaping and 5 culvert crossings, Phase 5 encompassed the replacement of 6 outfalls, and the restoration of 120 LF of canal, Phase 6 included the replacement of 9 outfalls, drainage pipe, and canal restoration.

Dillman Trail Improvements | Greenacres, Florida | Project Manager - Dillman Trail is a TPA funded FDOT LAP Project. The City of Greenacres is the local agency for a 3,964 LF meandering 12' wide multi-use pathway and associated drainage swale, landscape, and irrigation system running north-south connecting pathways between State Road 882 Forest Hill Boulevard and Dillman Road. The project required careful coordination with Lake Worth Drainage District as the project runs along and adjacent to the LWDD OPC canal.

Chickasaw Road Improvements and Piping of LWDD L-11 Canal | Greenacres, Florida | Project Manager Chickasaw Road project included the complete reconstruction of 1,607 LF of roadway, replacement of the roadway drainage system, and piping of the LWDD L-11 canal from Jog Road to just past the end of Chickasaw Road approx. 1,528 LF. Worked with the City of Greenacres and Lake Worth Drainage District initially to establish the initial basic design requirements and concepts to meet both entities requirements.

**Bowman Street Drainage Outfall** | Greenacres, Florida | Senior Engineer

Assisted in the design and permitting of the installation of 667 feet of 4'x4' and 8'x4' exfiltration trench, and upsizing and existing 18" and 24" RCP outfall with 19"x30" and 24"x38" HERCP for the Bowman Street drainage system.

Ramblewood Drainage Improvements | Greenacres, Florida | Project Manager

Project required 615 linear feet of drainage piping, 351 linear feet of exfiltration trench, 1,000 linear feet of sidewalk, and numerous driveway restorations within the neighborhood road right-of-way. Significant pavement restoration was also required.

Storm Sewer Outfall Replacement to SFWMD C-17 Canal | Lake Park, Florida | Project Manager -

The project involved the replacement of a new storm sewer outfall pipe into the SFWMD C-17 Canal north of Northlake Boulevard. The original pipe was a 33" diameter CMP which had greatly deteriorated. The original permit indicated that the outfall pipe was a 36" diameter CMP. Since the time of issuance of the original permit, a 21" diameter pipe had been installed above the 33" pipe. The outfall pipe was originally owned by the Town of North Palm Beach, but transferred to the Town of Lake Park. Craven Thompson was retained by Lake Park to restore the canal bank and outfall pipe to the originally permitted condition. Craven Thompson and the Town met with the SFWMD with regards to the necessary work. The SFWMD has agreed to the proposal and required only a general permit. The project was permitted through SFWMD and the ACOE.

Original Section Drainage Improvements – Stormwater Master Plan, and Phases 1 – 6 Implementation | Greenacres, Florida | Project Manager-

The Original Section Drainage Improvements project located in the City of Greenacres is a master planned drainage improvement project for an existing 246-acre neighborhood between Jackson Avenue and Fleming Avenue from Lake Worth Road to 10th Avenue North. The Master Plan included the modeling of existing and proposed drainage improvements using *Interconnected Channel and Pond Routing* (ICPR) software and developing phased improvements for the area. The project required over 6,500 linear feet of drainage pipe, 21,615 linear feet of ditch re-shaping, long lengths of sidewalk replacement, driveway restorations, and pavement restoration. The Phase 1 project required installation of 500 linear feet of 36" RCP storm pipe, 1,010 linear feet of 24" RCP Storm Pipe, 156 linear feet of 18" RCP Storm Pipe, 156 linear feet of 12"x18" RCP Storm Pipe, significant ditch reshaping, sidewalk replacement, and replacement of outfall to LWDD canal; Phase 2 included 6,200 linear feet of ditch grading and 4 culvert crossings; Phase 3 included 1,000 linear feet of drainage pipe; Phase 4 involved ditch reshaping and 5 culvert crossings; Phase 5 encompassed the replacement of 6 outfalls, and the restoration of 120 linear feet of canal; Phase 6 included the replacement of 9 outfalls, the installation of drainage pipe, and canal restoration.



Scott Peavler, P.L.A.

Landscape Architect

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

Relevant Experience

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.

Jaco Pastorius Park Expansion, Gateway & Fountain | Oakland Park, Florida | Landscape Architect - This project involved the expansion of the park. The expansion included the implementation of a grass parking lot that will be used for overflow parking during the City's annual festivals that are held at Jaco Pastorius Park. Parking, fencing, sidewalk connections, and park signage were provided for the community garden / farming facilities.

Professional Registrations

- Professional Landscape Architect, State of Florida No. LA66669976 (2008)

Education + Training

- Bachelors of Landscape Architecture, Kansas State University (2005)

Years of Experience

- Total: 20; With Firm: 16

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.

SW 48th Avenue Complete Streets Project | West Park, Florida | Principal Landscape Architect
The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements that may be included are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed bumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, signage, drainage and pavement marking & signage. **This is a Broward County Surtax Project.**

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.

Vista View Park Splashpad | Broward County, Florida | Landscape Architect - Craven Thompson provided professional consulting landscape architectural services for the design of a splash pad at Vista View Park. We were a sub-consultant to Thompson & Associates under a contract with Broward County Parks and Recreation.

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.

Mailman Segal Center Playground | Davie, Florida | Project Manager - Landscape Architect
Craven Thompson prepared a design for the Mailman Segal Center which is a preschool and early development center. The playground design is based on an open play theme with a focus on nature and organic materials.

**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 utilizes FDOT LAP funding for construction.

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 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.

Stunson Nature Trail | Oakland Park, Florida | Landscape Architect

The City of Oakland Park recently converted an underutilized piece of land used primarily for the storage of stormwater runoff into a park demonstrating the region's various ecological zones. Serving as a site to continue holding stormwater but now connects of a string of County and City parks further providing open space and natural habitat. Project contributions included site design, compiling the native plant list, landscape, and interpretive signage.

Powerline Road Median Beautification | Oakland Park, Florida | Landscape Architect

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 of Oakland Park and the Florida Department of Transportation.

City-Wide Master Plan (BODR) - Streetscape & Complete Streets | Hallandale Beach, Florida |

Landscape Architect - Landscape architect for the preparation of the BODR/Master Plan. 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 of Hallandale Beach.

Township Buffer | Coconut Creek, Florida | Project Manager

The Township Buffer Restoration project is a 5-year multi-phase project to reestablish and improve the Township buffers along the main arterial roadways in the City, as well as the major internal neighborhood roads within the Township. Along with the prepared construction documents, the design project included a comprehensive set of guidelines to provide direction for the buffer restoration, which was developed through coordination with City Staff and the Township.

Swain Blvd. Complete Streets Project | Greenacres, Florida | Senior Engineer

The Swain Boulevard Complete Streets Project is a 4,500 linear foot project running from Lake Worth Road to 10th Avenue North. The project includes bicycle lanes on both sides of the street, sidewalks, parallel parking, landscape, hardscape and drainage. It also includes traffic circles at 1st Street and 4th Street.

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.



Richard Crawford, P.S.M.

Lead Surveyor

Mr. Crawford has over forty-one years of experience within the surveying industry. During this time, his experience has grown to include all types of surveys. Richard is well trained and proficient in the processing of survey data collection from a variety of data collection devices, such as GPS, Digital Leveling, and Conventional Total Stations.

Relevant Experience

Professional Registrations

- State of Florida Professional Surveyor and Mapper No. LS5371
- FAA Remote Pilot with a UAS Rating Certificate No. 3911523 (2016)

Education

- Associates of Science in Land Surveying, Palm Beach Community College (1994)
- Associates of Arts in Architecture, Broward College (1986)

Years of Experience

- Total: 41; With Firm: 5

Affiliations

- Florida Society of Professional Surveyors and Mappers

Sanitary Sewer Mapping & GIS, Control Surveying | Fort Lauderdale | Principal Survey Project Manager - Responsible for establishing Primary and Secondary Vertical Control with over 3,000 new benchmarks for Sanitary Sewer Mapping of the City, including As-built/Inventory 5,917 Sanitary Manholes, 190 pump Stations, 15 meters, and 80 miles of force mains and their associated valves.

Florida Department of Transportation (FDOT), District 4 and District 6, Districtwide Miscellaneous Services Contract-South Florida - Project Surveyor. Supervised a wide variety of land surveying assignments throughout Southeast Florida region as a Project Surveyor in responsible charge. Utilized GNSS, and conventional land surveying techniques to perform digital terrain modeling, subsurface utility locations (SUE), boundary determinations, sewage infrastructure analysis, bridge details, control surveys, and right-of-way establishment.

City of Fort Lauderdale GIS and Surveying for Storm Water | Fort Lauderdale, Florida | Project Surveyor. Responsible for directing survey data collection, GIS analysis, and assisting others team members. Provided oversight for field data acquisition of storm water infrastructure attributes needed to populate an existing GIS Database.

Dania Pointe | Dania Beach, Florida | Project Surveyor - Construction of 101+ acres of infrastructure, roadways and buildings, retail and residential, as-builts of the same. Project cost - \$1 Billion.

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B | Lauderdale, Florida | Project Surveyor/Field Coordinator. Mapping, Field Coordination, Survey Data Processing. Responsible for establishing Primary and Secondary Vertical Control for Drone Mapping including flying, and processing drone data.

Citywide Benchmarks | City of Pompano Beach, Florida | Principal Survey Project Manager Responsible for establishing Primary and Secondary Vertical First Order Control to establish new city benchmarks to support a Storm Drainage Study.

Potable Water System GIS, & Surveying | Fort Lauderdale | Craven Thompson is the prime consultant for the Water Consent Order Mapping project, City Project No. 12729. The Project consists of accurately remapping the City's Water System and correcting the City's GIS. The Project includes 750+ miles of water mains 4" and larger, 19,000+ valves, 6,200 fire hydrants, 250 air release valves, and 62,600 meters.

Broward County Convention Center Expansion & Hotel | Broward County, Florida | Project Surveyor/Field Coordinator. Mapping, Field Coordination, Survey Data Processing This project involves a 525,000 square foot expansion to the Convention Center representing the first phase of a multi-phase masterplan. In addition to the Convention Center, the County intends to include construction of a hotel and related site improvements with the 40-acre parcel.



SBDD - Basin 5 Sluice, Sunset Lakes Flood Gate (Honey Hill Road) | Miramar, Florida Project Surveyor
Craven Thompson performed a topographic survey to capture survey data for the Basin 5 Sluice gate in the C-9 Canal located on Honey Hill Road in Miramar, Florida. The survey included recovery of sufficient existing boundary and/or right-of-way monumentation; locations of all aboveground and visible improvements, identified all existing easements and reference recorded documents; Existing trees, three (3) inches in diameter and above, at four (4) feet above the ground were located and identified; performed topographic spot elevations; Surveys were in the horizontal projection: State Plane, Florida East Zone, NAD 83(2011), US Survey feet; Survey drawings were prepared in AutoCAD Civil 3D, Version 2022. In May 2025, Craven Thompson updated the existing 2024 survey and extended the canal cross-sections across the full width of the C-9 Canal.

SBDD - Basin 3 Sluice (Country Club Ranches) | Miramar, Florida | Project Surveyor
Craven Thompson performed a topographic survey to capture survey data for the Basin 3 Sluice gate in the C-9 Canal located SW of 14099 SW 48th Court in Miramar, Florida. The survey included recovery of sufficient existing boundary and/or right-of-way monumentation; locations of all aboveground and visible improvements, identified all existing easements and reference recorded documents; Existing trees, three (3) inches in diameter and above, at four (4) feet above the ground were located and identified; performed topographic spot elevations; Surveys were in the horizontal projection: State Plane, Florida East Zone, NAD 83(2011), US Survey feet; Survey drawings were prepared in AutoCAD Civil 3D, Version 2022.

SBDD - B-2 Pump Station Survey | Pembroke Pines, Broward County, Florida | Project Surveyor/Field Coordinator. Mapping, Field Coordination, Survey Data Processing. Responsible for preparing a topographic Survey of the pump station, including canal sections.

SBDD - Riveria Isles Lake Sections | Miramar, Broward County, Florida | Project Surveyor/Field Coordinator. Mapping, Field Coordination, Survey Data Processing. Responsible for preparing lake sections after Hurricane Wilma. Portions of the lake bank in this subdivision took heavy damage. Tasked with surveying the damaged areas around this large lake by collecting lake sections from the back of the lake maintenance easement out to the lake's deep cut.

Shenandoah Stormwater Master Pump Station Survey | Davie, Florida | Principal Surveyor
Responsible for boundary and topographic survey, which included locating all aboveground visible Improvements from the north edge of pavement of I-595 westbound ramp to Sawgrass Expressway to the south bank of the North New River Canal. The purpose of the Shenandoah Stormwater Master Pump Station project is to reduce surface flooding throughout Shenandoah and assist with flooding within the Vista Filare neighborhood. The project achieves these goals through the use of a new stormwater pipe equipped with a drawdown pump, which is designed to lower the water level in nearby water bodies prior to storm events. The 24" diameter axial flow pump will also operate during and after storm events to reduce flood stage durations in accordance with permit requirements from CBWCD and the SFWMD.

Seminole Tribe of Florida - Seminole Estates Neighborhood / Drainage Survey | Hollywood, Florida | Principal Surveyor. Responsible for surveying services for the Seminole Estates Neighborhood between the Florida Turnpike and State Road 7. Services included topographic survey information for design purposes. The area included the rights-of-way and survey limits. The project baselines and road alignment along the rights-of-way consist of approximately 4,900 linear feet of road and 1,500 linear feet of swale area. The scope of work included locating all above-ground and visible improvements. Rims, inverts, and pipe sizes on all sanitary structures 100 feet of the project limits are noted on the drawings. Existing trees 3 inches in diameter and above at 4 feet aboveground were also noted on the drawings. Elevations of roadway cross sections were taken at 50-foot intervals.



Francisco Reina, P.E.

Education

Bachelor of Science, Agricultural and Biological Engineering,
University of Florida

Affiliations

- FES Broward-USA
- AWWA-USA
- ASCE-USA
- EWB-USA
- SAI-Colombia

Registrations

- Registered PE, Florida #95150
- Register PE, Tennessee #127440

Summary

Francisco Reina, P.E., has worked in South Florida since 2007 on civil engineering projects related to municipal utility, roadways, land development, master planning, FRS grants, FEMA grants, value engineering, basis of design studies, open channel and closed conduit hydraulic modeling. Mr. Reina's municipal experience includes project management experience of large scaled utility projects totaling over one billion dollars. Mr. Reina's experience in both the public and private sectors results in a unique understanding of teamwork and collaboration between all team members to achieve project results.

City of Aventura Roadway Improvement Project (2012-2013): Project engineer. The scope included the design, permitting and engineering services during construction for the re-surfing of 3 miles of existing roadway. The project had to coordinated and permitting with Miami Dade and FDOT for permitting. Project was completed in time and had minimal impact to the public.

Broward County Hillsboro Mile Utility Improvements (2016-2018): County construction project manager. Responsible for managing County's consultant during the design and solicitation process of award winning seventeen-million-dollar Hillsboro Mile utility project. Project consisted of the replacement of entire sanitary sewer collection and transmission system including several lift stations.

Broward County Basin 224 Improvements (2023): Project management services for evaluation of the sanitary sewer collection and transmission system, culminating in a Basis of Design Report. Scope included development of a calibrated hydraulic model to assess existing conditions and test proposed improvements; field data collection; lift station drawdown testing; compilation of as-builts; acquisition of pressure data; and scenario/simulation modeling to optimize conveyance, storage, and operational strategies. Deliverables summarized existing deficiencies, outlined recommended solutions and phasing with preliminary sizing, and provided an opinion of probable construction cost to support funding and implementation.

Broward County UAZ 110, 111, 113, 122 (2015-2022): Construction project manager for approximately five hundred million dollars' worth of infrastructure improvements. Improvements consisted of the replacements of the entire sanitary sewer collection system, existing water distribution replacement, sanitary sewer lift station rehabilitations and sanitary sewer transmission improvements. Review directional drill plans for subaqueous crossings. Review both exist and entry pits for drilling equipment.

Broward County Lift Station Rehabilitation Program (2020-2021): County Project Manager for a countywide sanitary sewer lift station rehabilitation program, overseeing multiple contractors and task orders. Responsibilities included developing scopes of work, preparing bid packages, soliciting and awarding construction contracts, and issuing notices to proceed; coordinating with Operations to build the CIP/prioritization list; managing projects through construction with schedule and budget tracking; reviewing proposals and submittals; coordinating permitting; approving pay requests and change orders; performing hydraulic and lift-station calculations as needed; and working closely with County inspectors through startup, commissioning, and closeout.

Gregory J. Stelmack, PE

Principal Engineer / Managing Partner
34 Years of Experience



Mr. Stelmack, PE, has over 34 years of experience and an extensive history of work involving all types of Civil Engineering and Infrastructure-related projects. He has served as the Sr. PM and Engineer of Record on 1000's of projects, including numerous large scale and high-profile projects and Continuing Service Contracts in South Florida for both private and public clients, including: The South Florida Water Management District (SFWMD), Florida Department of Transportation (FDOT), the United States Army Corps of Engineers (USACE), Broward, Palm Beach and Miami Dade Counties and their School Districts, and numerous Cities and other County Agencies.

Mr. Stelmack is an expert in providing geotechnical and materials engineering; materials testing and inspection; and CEI services for all types of commercial buildings/structures, towers, earthwork/reservoirs, pump stations, roadway/bridge structures and interchange projects. His skill set includes planning, design, and construction management of new and rehabilitation projects. He is experienced with both standard and specialty equipment and specializes in providing design recommendations for deep and shallow foundation systems and earthwork construction (i.e., commercial structures, bridge structures, transmission and communication towers, substations, pumpstations, STA's, FEB's, reservoirs, impoundments, water & wastewater treatment plants, dams, highways, road development/design, embankments & retaining structures).

Mr. Stelmack prepares and reviews geotechnical and materials engineering and inspection reports, coordinates and supervises engineering staff and drilling personnel, and conducts foundation observations, foundation design reviews and geotechnical instrumentation monitoring.

RECENT PROJECT ENGINEERING/MANAGEMENT LIST

Performing as a Senior Contracts/Project Manager, Senior Geotechnical Engineer, and QA/QC Engineer for the following Engineering Design and CEI/CMT projects:

City of West Palm Beach, Continuing Contract - Geotechnical and Testing Services (CCNA), WBP, Florida (2011–2022)

Role in the Contract - Senior Contract Manager, Senior Geotechnical and Materials Engineer. Mr. Stelmack served as Senior PM providing geotechnical, and material testing and inspection services for over 12 years on numerous municipal projects ranging in nature from roadway construction, pavement analysis, sidewalk and curb replacements, building foundations, seepage studies, historical studies, Park improvements; seawalls and piers, water treatment plants and waste disposal sites.

FDOT Districts 4 and 6, and FDOT Turnpike, Florida - Districtwide Materials Testing Continuing Services Contracts

Role in the Contract - Senior Project and Contract Manager - As Prime Consultant for multiple durations of these FDOT Districtwide Contracts (10+ years), the work included providing districtwide QA/QC materials field and laboratory testing services.

CONTACT

422 Meadowlark Drive
Jupiter, FL 33458
GregoryStelmack@wirxeng.com
(561) 307-0166

EDUCATION

Bachelor of Science in Civil
Engineering, University of
Wisconsin, Madison (1989)

PROFESSIONAL LICENSING

Engineer – FL #PE 70556
USACE – CQM-C Certification
CTQP Drilled Shaft Inspection
CTQP Pile Driving Inspection

CAPABILITIES

Geotechnical Engineering
Construction Materials Testing
Construction Inspections
Quality Control and Assurance



FDOT D2, D4, D5, D6, D7, Turnpike, Florida - Geotech & Materials Testing and Inspection Continuing Services Contracts

Role in the Contract - Senior Project and Contract Manager – as a Sub to the Prime on dozens of Districtwide Contracts over 10 years providing geotechnical drilling and engineering, construction materials testing and inspection (QA/QC).

Palm Beach Co – Div of Engineering and Public Work, Continuing Service Contract, Palm Beach County, FL (2011–2022)

Role in the Contract - Senior Contracts Manager / Sr. Geotechnical Engineer and CMT/CEI Administrator. Multi-year Geotechnical Engineering and Construction Materials Testing and Inspection support Contract for Palm Beach County Engineering and Public Works Depts. Have secured multiple Continuing Services Contracts with PBC over the last 12 years. For this Contract, provided Geotechnical Drilling and Engineering Design Services and Construction Materials Testing in the Laboratory and Field, and Quality Assurance Inspection support on dozens of roadways and utility construction and rehabilitation Projects.

Palm Beach and Broward County School Districts - Continuing Service Contracts, Broward Co, FL (2014–2022)

Role in the Contract - Senior Contracts Manager / Sr. Geotechnical Engineer and CMT/CEI Administrator. Multi-year Geotechnical Engineering and Construction Materials Testing and Inspection support Contract for the Broward County School District. For this duration of Contract, provided Geotechnical Drilling and Engineering Design Services and Construction Materials Testing, laboratory testing and Quality Assurance Inspection support services on over 50 Broward County and 50 Palm Beach County School District Projects.

City of Fort Lauderdale, Broward Co. Eng. Rec Water Trans - UAZ Projects 110, 111, and 113, Broward Co, FL 2017 - 2022

Role in Project. Senior Geotechnical Engineer and CEI Administrator on a multi-year, multiple location rehabilitation water and sewer project in support of Chen Moore and Associates. Provided full scope geotechnical engineering and construction materials testing and inspection (CEI) services, which included traditional SPT soils borings, pavement coring, utility locates and traffic control oversight, rehab design recommendations during design, and attending pre-construction and progress meetings, conducting on-site observations/verification of construction in progress (including specialized field tests) to assist in determining if construction is proceeding in substantial accordance with the Contract Documents during construction. Maintaining a set of "as-built" drawings with notes and annotations based on inspector's observations.

City of Fort Lauderdale, Hendricks Isle Seawall Replacement, Broward Co, FL (2021-2022)

Role in project. CEI Administrator / Vibration Specialist / Contract Manager. Provided Pre and Post Condition Surveys and Vibration Monitoring during construction in support of Hazen and Sawyer and the City. Performed Condition Surveys of the surrounding public and private residences for a series of Sea Wall Replacements for the Hendricks Isles Development. Also provided full-time remote Vibration Monitoring and weekly Inspection support.

Broward County – Port Everglades, Continuing Support Contract w/Atkins, Broward Co, FL (2017–2022)

Role in Project. Senior Contracts Manager / CEI Administrator. Multi-year Inspection and Construction Materials Testing support Contract for Broward County at Port Everglades through Atkins. For this Contract, provided Construction oversight support and Construction Materials and Laboratory Testing on over a dozen Port Everglades Projects.

Broward County - Lauderhill Mall Transit Center, Broward County, Florida (2020–2021)

Role in Project. Geotechnical Engineer and CEI Administrator. This new transit center in Lauderhill, Florida sits on 1.5 acres in the existing Lauderhill Mall and includes three new buildings with 10 bus bays, a security office, public restroom and two platforms. Leading geotechnical engineering and construction materials testing efforts including coordination of all geotechnical drilling, laboratory and engineering services and field density tests for foundations, concrete testing of foundations pavement and ancillary structures during construction.



Andrew Nixon, PE
Senior Geotechnical Engineer / Managing Partner
18 Years of Experience



Mr. Nixon has 18 years of experience including providing Environmental, Geotechnical and Construction Materials Testing Services for low and high-rise structures, single family residential developments, bridges, piers, buried structures, transmission towers, silos, roadways, etc. He prepares and reviews geotechnical and materials engineering inspection reports, coordinates and supervises engineering staff and drilling personnel, and conducts foundation observations, foundation design reviews and geotechnical instrumentation monitoring.

Mr. Nixon’s skills include also completing and supervising pile inspections, helical pier inspections, fireproofing inspections, load tests, and monitoring specialty ground improvement techniques such as vibro-compaction, vibro-replacement, and dynamic compaction. He has conducted and supervised several Preconstruction Video Surveys and Vibration Monitoring Programs. He has provided oversight of field and laboratory testing programs during the construction phase of a variety projects and supervised other engineers in the Construction Materials Testing Department. The testing programs typically included the performance of earthwork inspections, field and laboratory testing of soils, and field sampling of concrete. Mr. Nixon has also inspected and supervised testing programs during the construction of various roadway projects. He completed and supervised other engineers who have completed 1,000+ Phase I & II Environmental Site Assessments for a variety of sites including brownfields, HUD, power transmission, dry cleaners, gas stations, nurseries, landfills, ports and other commercial/industrial sites. Additionally, Mr. Nixon has completed 20+ Site/Contamination Assessment Reports and Tank Closure Assessments in accordance with Chapter 62 of the Florida Administrative Code (FAC). He has served as Project Manager for the installation of several remediation systems.

CONTACT

421 Meadowlark Drive
 Jupiter, FL 33458
 AndrewNixon@wirxeng.com
 (561) 762-8918

EDUCATION

Bachelor of Science in Ocean Engineering, Florida Atlantic University, Florida (2005)

PROFESSIONAL LICENSING

Engineer – FL #PE 71458
 OSHA 40-hour HAZWOPER
 Qualified Stormwater Management Inspector # 27919

CAPABILITIES

Project Management
 Geotechnical Engineering
 Foundation Design
 Quality Control Inspections

PROJECT EXPERIENCE

Royal Palm Beach Boulevard N. of Persimmon Boulevard to N. of M Canal Project, Palm Beach County, Florida
 Senior Project Engineer – Provided geotechnical engineering services for roadway widening, drainage and traffic signal improvements and the widening of the bridge over the M Canal. Foundation recommendations were provided for 18- and 24-inch Precast Prestressed Concrete (PPC) piles. The computer model FB-Deep was used to evaluate the estimated axial capacities for the 18 and 24-inch PPC piles.

50th St. South Improvements at 50th St. Intersection and Ousley Farms Rd. to 160th Tri. South, Palm Beach County, Florida Senior Project Engineer - Provided geotechnical engineering services for the



project, which consisted of resurfacing the roadway with a flexible pavement section. In addition, at the intersection of 50th Street South and Ousley Farms Road it was proposed to fill a portion of the adjacent canal to realign the roadway and smooth the transition through the intersection. SPT borings, laboratory testing and geotechnical recommendations were provided.

Florida Mango Road – S. of Barbados Road to N. Myrica Road, Palm Beach County, Florida

Senior Project Engineer – Provided geotechnical engineering services for the widening of Florida Mango Road from Antigua Road to Myrica Road/Circle Drive.

Benoist Farms Road – SR 80 to Belvedere Road, Palm Beach County, Florida

Senior Project Engineer – Provided geotechnical engineering services for the widening of Benoist Farms Road from State Road 80 to Belvedere Road.

Water & Sanitary Sewer System Improvements for Utility Analysis Zone 113A (UAZ 113A), Broward County, Florida

Senior Project Engineer – Provided geotechnical engineering services for the design of the replacement of approximately 168,100 Linear Feet (LF) of existing water mains, approximately 122,100 LF of existing sanitary sewer mains, and approximately 23,600 LF of existing force mains.

NE 25th Avenue 24-inch Force Main Replacement, Broward County, Florida Senior Project Engineer – Provided geotechnical engineering services for the design replacement of approximately 5,500 linear feet of the existing 24-inch Reinforced Concrete Pipe (RCP) along NE 25th Avenue.

1600 N. Australian Avenue Community Center, Palm Beach County, Florida

Senior Project Engineer – Provided geotechnical engineering services for the design of a new community center with associated paving and drainage features. SPT borings were performed to depths of 25 feet, auger borings to depths of 5 feet and permeability tests to depths of 10 feet. Laboratory testing including moisture content and fines content tests were completed. Site preparation and foundation design recommendations were provided.

FDOT SR-25/US-27 from the Broward/Palm Beach County Line to MP 12.599, Palm Beach County, Florida Senior Project Engineer – Provided geotechnical engineering services for roadway improvements, which included milling, resurfacing, shoulder widening, and installation of rumble striping, replacement of guardrail, signing and pavement markings.

Smith Sundy Road over the LWDD L-33 Canal Bridge Replacement, Palm Beach County, Florida

Senior Project Engineer – Provided geotechnical engineering services for the replacement of the existing bridge over the L-33 Canal with a new structure that meets current AASHTO and FDOT requirements for traffic safety and Florida legal loads. Foundation recommendations were provided for 14- and 18-inch Precast Prestressed Concrete (PPC) piles. The computer model FB-Deep was used to evaluate the estimated axial capacities for the 14 and 15-inch PPC piles.

City of West Palm Beach North Shore Drive Pedestrian Bridge, Palm Beach County, Florida

Senior Project Engineer – Provided geotechnical engineering services for the design of a pedestrian bridge on the west side of the existing vehicular bridge over the Carver Canal. The pedestrian bridge is clear span bridge (spanning approximately 114 feet). Foundation recommendations were provided for 14- and 18-inch Precast Prestressed Concrete (PPC) piles, and 14- and 18-inch Auger Cast-In-Place (ACIP) piles. The computer model FB-Deep was used to evaluate the estimated axial capacities for the piles.



Paul Engle, PSM
Survey Manager, VA#0403003704 FL # LS5708

paul.enge@inframap.net | O: 561 586-0790 | D: 561 818-8770



ABOUT

Mr. Engle is a Virginia and Florida licensed professional surveyor with more than three decades of experience in land surveying, general civil engineering, utility engineering, and project management. As a previous owner of two professional survey firms, Paul has overseen numerous projects including large route surveys for engineering design purposes, construction surveys for multiple multi-million-dollar facilities, boundary surveys, topographic surveys, ALTA/ACSM surveys, specific-purpose surveys, hydrographic surveys, layout and as-built utilities, and various other survey projects. He is proficient with AutoCAD Civil3D and managing/processing data.

RELEVANT EXPERIENCE

George Billie Road Soft Digs, Broward County, Florida

As subconsultant to Carnahan Proctor & Cross, InfraMap performed SUE services in support of the George Billie Road Soft Digs project on the Seminole Heights Reservation. The InfraMap team completed 21 QLA test holes, confirming the finite location, material, and condition for each hole. In addition, InfraMap provided all MOT services in accordance with Manual on Uniform Traffic Devices requirements. Mr. Engle served as Survey Manager, providing the professional review, judgement and oversight for this project. All data was collected processed according to ASCE 38 standard. All deliverables were completed on time and within budget.

Dates: 01/2025. Value: \$16,275.

City of Fort Lauderdale Lead and Copper Rule Revision Project; Ft. Lauderdale, Florida

As subconsultant to Arcadis, U.S., InfraMap completed 528 QLA test holes, confirming the finite location, material type and condition for each hole under the lead pipe conversion study for the City of Ft. Lauderdale. All data was collected and processed according to ASCE 38 standard. Mr. Engle served as Survey Manager providing professional review and oversight for this project. Final deliverables were provided to the client on time and within budget. Dates: 1/2024 – 9/2024. Value: \$352,882.

Victoria Park Stormwater Project Phase I; Ft. Lauderdale, Florida

As subconsultant to Hazen and Sawyer, InfraMap performed QLB utility designation and completed 60 QLA test in the neighborhoods Progresso Village, Victoria Park, and the SE Isles. All data was collected and processed according to ASCE 38 standard. Mr. Engle served as Survey manager, providing professional review and oversight for this project. Final deliverables were provided to the client on time and within budget. Phase I Dates: 8/2024 – 10/2024. Phase II planned for 2025. Phase I Value: \$54,271. Phase II Value TBD

New High Service Pump Station at Fiveash WTP, Ft. Lauderdale, Florida

Professional Survey Manager: As subconsultant to Arcadis, U.S., InfraMap provided QLB utility designating and survey as well as and completed 24 QLA for the test holes city of Ft. Lauderdale. All data was collected and processed according to ASCE 38 standard. Mr. Engle provided professional review and oversight for this project. Final deliverables were provided to the client on time and within budget. Dates: 9/2024 – 11/2024. Value: \$28,401.

YEARS OF EXPERIENCE

30+ years

YEARS WITH INFRAMAP

1+

PROFESSIONAL LICENSES

Professional Surveyor & Mapper, FL #LS5708
First licensed 1992

Virginia Licensed Surveyor #0403003704
First licensed 2025

RELEVANT COURSEWORK

Survey I, Survey II, Survey II, Roads and Highways, Legal Descriptions and Legal Concepts



YEARS OF EXPERIENCE

26+ years

EDUCATION

AS - Palm Beach State College, Palm Beach, FL

PROFESSIONAL CERTIFICATIONS

Certified Utility Location Manager

Certified Technical Locator & Instructor

ATSSA, Traffic Control Supervisor Certification

Confined Space Entry Training Program

FUCC Utility Coordination/ CSX Roadway Worker Protection Annual Certification

PROFESSIONAL AFFILIATIONS

ASCE UESI – Broward County Chapter – Board Secretary

American Society of Civil Engineers, Construction Institute – Member

ABOUT

Mr. Garcia is SUE Project Manager for InfraMap’s Miami Gardens and West Palm Beach locations. He is proficient in managing all SUE quality levels and is highly familiar with the ASCE Standards 38.02 and 38.22. As SUE Project Manager, Andres’ duties include but are not limited to client communication, project estimation, schedule management, obtaining utility records and ROW permits, coordinating MOT/traffic control, supervising field crews, collecting field data, and assuring QA/QC of the field work to comply with clients’ standards for all deliverables. Mr. Garcia is an accomplished 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). Mr. Garcia has completed SUE projects in Florida, Georgia, Virginia, South Carolina and Alabama.

RELEVANT EXPERIENCE

Design of the Southport 24' FM to Glades Booster PS; City of Port St. Lucie, Florida

SUE Project Manager: As subconsultant to Kimley-Horn, InfraMap performed SUE services in support of planned improvements for a new 24” force main to divert up to 4 million gallons per day from the Southport Booster Pump Station to the Glades Wastewater Booster Pump Station. Mr. Garcia oversaw the QLB designation of 72,000LF and the completion of 45 QLA test holes. All data was collected and processed according to ASCE 38 standard. Final deliverables (to date) were provided to the client on time and within budget. Dates: 5/2022 - 3/2023. Value \$116,978.

City of Fort Lauderdale Lead and Copper Rule Revision Project; Ft. Lauderdale, Florida

SUE Project Manager: As subconsultant to Arcadis, U.S., InfraMap completed 528 QLA test holes, confirming the finite location, material type and condition for each hole under the lead pipe conversion study for the City of Ft. Lauderdale. All field data was collected, reviewed, and processed according to ASCE 38 standard, under the supervision of Mr. Garcia. Final deliverables were provided to the client on time and within budget. Dates: 1/2024 – 9/2024. Value: \$352,882.

Palm Beach Lakes Service Road Subsurface Utility Engineering Services; West Palm Beach, Florida

SUE Project Manager: As subconsultant to McMahon & Associates, InfraMap performed SUE services in support of phase one of a planned inter-connection of Canal to Australian Ave. Mr. Garcia oversaw QLB utility targeting and the completion of 61 QLA test holes. All field data was collected, reviewed, and processed according to ASCE 38 standard, under the supervision of Mr. Garcia. Final deliverables were provided to the client on time and within budget. Dates: 1/2024 – 9/2024. Value: \$352,882.

George Billie Road Soft Digs, Broward County, Florida

As subconsultant to Carnahan Proctor & Cross, InfraMap performed SUE services in support of the George Billie Road Soft Digs project on the Seminole Reservation. Mr. Garcia served as SUE Project Manager, under which the InfraMap team completed 21 QLA test holes, confirming the finite location, material and condition for each hole. In addition, InfraMap provided all MOT services in accordance with Manual on Uniform Traffic Devices requirements. All data was collected and processed according to ASCE 38 standard. All deliverables were completed on time and within budget. Dates: 01/2025. Value: \$16,275.

Section 4.2.5

Approach to the Scope of work



UNDERSTANDING OF CITY’S GOALS, NEEDS, AND OBJECTIVES

The City of Fort Lauderdale has submitted a sidewalk infill project to Broward County for consideration to receive funds under the penny municipal transportation surtax program now known as the Mobility Advancement Program (M.A.P.). The project known as FORT-104, Sidewalk Program – New Construction (Design of Sidewalk Improvements Citywide), was ranked sixty-third in the initial 2020 ranking. Funding has been authorized by Broward County for the project which includes between fifty to seventy locations within the City of Fort Lauderdale where sidewalk is to be designed and permitted under this RFQ.

There are many locations within the City where various segments of sidewalk are missing, or do not connect with other sidewalk networks. This project is intended to enhance pedestrian connectivity throughout the City through the infill of sidewalks in currently unconnected locations. The connected network will increase the ease of moving between places using sidewalks, and crossings, focusing on continuous, direct, accessible routes without gaps or barriers such as roadways. It will utilize infrastructure including sidewalks, and curb ramps, to encourage walking, improve access to services, and create healthier, more equitable communities by providing safe and efficient alternatives to driving. Moreover, features such as ADA-compliant curb ramps, detectable warnings, and turning spaces for wheelchairs provide a more inclusive environment for all members of the community.

Services under this contract will require surveying, engineering, and design services for installation of new sidewalks throughout the City. Design will include, but is not limited to, installation of six-inch thick concrete sidewalk, various curbs, brick pavers, limerock base of various depths, type S-3 asphaltic concrete, thermoplastic pavement marking, ADA concrete ramps, removal of asphalt, tree root pruning and other associated items.

PROJECT APPROACH AND METHODOLOGY

Approach to the Pedestrian Connectivity Project

Craven Thompson’s professionals bring an extensive amount of combined experience in the infrastructure rehabilitation field and have built a reputation for delivering reliable and consistent consulting expertise with a focus on client satisfaction. We combined our knowledge and refined set of skills for the benefit of our customers. At Craven Thompson, it is our mission to provide engineering solutions that exceed our client’s expectations and build long-term relationships that will enable us to work together for the safety and well-being of our communities, now and in the future.



Our project approach is to survey, plan, design, and permit the project in concert with the City of Fort Lauderdale, residents, and the affected HOAs so that all ideas and opinions are considered and the entire team has ownership and a vested interest in the final product. Carrying this inclusive

Our project approach is to survey, plan, design, and permit the project in concert with the City of Fort Lauderdale, residents, and the affected HOAs so that all ideas and opinions are considered and the entire team has ownership and a vested interest in the final product. Carrying this inclusive



collaborative approach to all tasks is essential to ensuring seamless, cost-effective delivery of the project. Furthermore, we understand that each phase of the project delivery is critical, and each successive step is only as good as the work done in previous steps.

Planning Phase

❖ *Initial Stages*

Upon being awarded the project by the City of Fort Lauderdale, Patrick Gobney, P.E. will meet with the assigned city staff to further clarify the specific requirements of the project, define the project budget, and will then prepare minutes of the meeting, an understanding of project scope, and a preliminary project timeline. The minutes of the meeting, the understanding of project scope and the preliminary project timeline will be provided to the City for review and approval prior to the Craven Thompson internal company project “Kick-off Meeting.” This “Internal Kick-off Meeting” will occur after the initial project award meeting between City staff and Mr. Gibney.

At the “Internal Kick-off Meeting”, the team will be introduced to the scope, the budget and the timeline. The project manager will define the various elements of the project and describe the quality control/quality assurance requirements at this meeting. Mr. Gibney will periodically review the progress of the project to assure that Craven Thompson is adhering to the project timeline and budget as initially approved by the City. The Project Manager will then update Fort Lauderdale staff as to the project progress.

❖ *Information Gathering and Review*

The Craven Thompson Team will gather as much available information that can be obtained through due diligence. This will include as-builts, atlases, GIS, studies, and past survey information.

City G.I.S. will be of particular importance as we have verified that the City has survey grade locations of existing sanitary, drainage, and water infrastructure through our past surveying and G.I.S. work with the City of Fort Lauderdale.

We will search for existing studies, reports, permits, technical information, and design documents for the other utilities such as gas, telephone and electrical infrastructure. Also, we will seek public and private utility atlases and as-builts for service areas within the specific project limits.

We will review city minimum specifications, standard details, and project management procedures, agency permitting requirements, determine regulatory agencies having jurisdiction, and their submittal requirements. We will also gather any other available geotechnical and environmental data within the project limits.

❖ *Surveying Project Limits*

Craven Thompson will prepare a topographic design survey of the project limits. We would perform the survey using traditional surveying methods. Craven Thompson has set up an extensive horizontal and vertical network including the setting of many benchmarks throughout the City of Fort Lauderdale when we mapped the sanitary, water and drainage for the City over the past ten years. This will enable us to perform the surveying task more efficiently and promptly.

Using conventional means, we will collect topographic and invert information for pavement, green areas, top of curb information mailboxes, utility poles, water valves and hydrants, sanitary



manholes, and storm structures. Integrating this information with our past survey information for the city, and collecting as-built information, a base map will be produced depicting all available aboveground and below ground information. This base map's accuracy is vital in assuring the proposed design has accounted for existing conditions.

This survey would consist of a base map of the project limits, a survey control baseline and survey control points, with both horizontal and vertical coordinate information, in the form of x-y-z coordinates, in State Plane, Florida East Zone, NAD83(90), US Survey Feet format. Craven Thompson can then use the survey control to create a topographic design survey of the full rights-of-way of roadways defined in the RFQ, extending ten (10) feet beyond the existing rights-of-way lines where accessible. Locations would include all aboveground and visible improvements, including pavement, swales, signs, streetlights, driveways, mailboxes, utility poles, existing hardscape and landscape, utility features and trees, three (3) inches in diameter and above, measured at four (4) feet aboveground level. All sanitary and storm sewer structures would include rims, inverts and pipe sizes and directions.

We anticipate we will perform a tree survey for future proposed sidewalk locations/construction areas that fall within the drip line of an existing tree. The tree species will be identified, and a condition assessment performed by a certified arborist (subconsultant) if required by the City.

Minimum Technical Requirements for the surveying will be per the Florida Board of Professional Surveyors and Mappers in Chapter 61G17-6 of the Florida Administrative Code, pursuant to Section 472.027 Florida Statutes.

❖ **Meetings**

Regular project meetings will be held with City staff for all phases of the project. Craven Thompson will facilitate these projects and attendees present at the meetings will be dependent on the phase of the project and the issues to be addressed. These meetings will be focused on adherence to the project timeline, quality control, budget, and also on the resolution of any outstanding issues.



❖ **Public Outreach**

The Public Outreach program created and facilitated Craven Thompson shall be comprised of the following primary elements:

- ✓ Conduct public outreach meetings during the design process to inform the public and solicit comments.
- ✓ Create a project website (or a page for the city website) so that homeowners can keep up to date on schedules, traffic changes, public meetings, photos showing progress of the project, safety steps being taken, and the progress. Make it simple and keep it updated on a frequent basis. Link all Facebook and Twitter feed.
- ✓ Prepare a database of landowners, HOAs and businesses adjacent to and contiguous with the rights-of-way where sidewalk is to be added.
- ✓ Create project Facebook and Twitter accounts.

- ✓ Create a hotline to make sure that with one phone call, a resident can obtain the information requested or be directed to appropriate city staff or Mr. Gibney.
- ✓ Schedule a public workshop in the neighborhood to educate the homeowners and get their feedback.
- ✓ Develop a database of the homeowners and stakeholders affected.
- ✓ Create a letter to be mailed, and a follow up flier/door hanger to be hand-delivered to each house with information about the project, and the public meeting early in the project.
- ✓ If needed, signatures can be obtained from resident homeowners acknowledging they understand there will be workmen in their yards, and some landscaping changes may occur. The team member delivering the door hangers can be tasked with this item.
- ✓ Upon completion of the project, create and mail a newsletter with information and pictures to show residents the results. The city may wish to provide this information to residents who receive their email newsletter.

We propose two public outreach meetings during design and a third prior to the initiation of construction.

A system for tracking complaints, questions, and comments will ensure that they are directed to the proper entity and satisfactorily addressed in a timely manner. We have found that public inclusion in projects at the beginning avoids animosity at the project completion. The residents and businesses of the affected neighborhoods should receive as much advance information as possible as to the benefits of the improvements, and what will take place during construction in their neighborhood, as they will be directly affected.

Design & Permitting Phase

❖ *Task 1: Conceptual and Schematic Design Services*

Craven Thompson will incorporate data gained through initial surveying, information gathering, public and public outreach into 15% design plans. This will include general conceptual design identifying locations of existing improvements and the proposed location of the new sidewalks. Photographs of existing hardscaping and landscaping including trees and tree root zones will be included in conceptual design to give the City a better understanding of the impacts of the new walks on existing vegetation and improvements.

At this time, we may also suggest areas for detailed subsurface locates, either with Grade A locates, or even possibly ground penetrating radar at specific locations. Although we do not anticipate underground utilities as part of this project (possible some storm pipe to connect certain swales) we will be restoring swales as a part of the City's swale restoration program as well as providing water quality treatment for the additional impervious area created by the new sidewalks.

These plans will be provided to the City for review. Craven Thompson will also perform a 15% internal review process at this time.

❖ *Task 2: 30% Complete Design Services*

The information and comments gathered from Task 1 will then be incorporated into the plans, which will be further developed into 30% complete documents. During Task 2 the surveying task will be finalized, including the tree survey. All existing improvements will be identified in detail. Locations of existing overhead utility poles, trees (including intrusions within drip line), shrubs,



mailboxes, hardscape and other improvements within the right-of-way will be detailed initial water quality improvement calculations will be completed.

At this time, the initial public outreach meeting will occur. Comments will be gathered from stakeholders and initial comments will be addressed. A 30% complete cost estimate will be completed. These plans will be provided to the city for review. Craven Thompson will also perform a 30% internal review process at this time.

❖ **Task 3: 60% Complete Design Development Services**

The information and comments gathered from Task 2 will then be incorporated into the plans, which will be further developed into 60% complete design development documents. The plans will be further refined during this phase and will include, but not be limited to: cover sheet; general notes; demolition plans; geometric plans; paving, grading and drainage plans; pavement marking & signage plans; tree disposition plans; landscape & hardscape; irrigation; erosion control plans; and associated detail sheets. Issues such as harmonizing with driveways and driveways aprons, clear zone distances from the edge of drive lane (may require short segment of curb & gutter), drainage design and calculations, phasing of improvements, potential construction staging areas identified, utility adjustments noted, and pedestrian and vehicular M.O.T. will be addressed. Utility poles located in proposed sidewalks do due right-of-way width limitations will be identified and minimum ADA widths will be reviewed and designed. Water quality improvement calculations will be refined and sidewalk grades, cross slopes, swale grades and any proposed drainage piping will be designed. We will identify trees in need of root pruning, and also areas where root barrier should be placed to avoid future root intrusion into the new sidewalk.

A 60% complete cost estimate will be completed. These plans will be provided to the City for review. Craven Thompson will also perform a 60% internal review process at this time.

❖ **Task 4: 90% Complete Final Design Services**

The information and comments gathered from Task 3 will then be incorporated into the plans, which will be further developed into 90% complete final design documents including plans, and calculations. The plans will be further refined during this phase. Project specifications will also be developed during this Task. Craven Thompson will submit for and process for approval at this time from the affected agencies. This will include submittals to the various city departments, FDOT (on FDOT affected right-of-way) and Broward County Highway Construction and Engineering Division and Broward County Traffic Engineering Division (on county affected right-of-way), Broward County Development & Environmental Review for drainage and on behalf of SFWMD through delegated review for drainage.

During this period, Craven Thompson will prepare and submit responses to "Requests for Additional Information" (RAI) relative to the permitting package submitted. Any comments or additional requirements will be incorporated into the design prior to preparing the 100% complete construction documents

At this time, the second public outreach meeting will occur. Comments will be gathered from stakeholders and initial comments will be addressed

A 90% complete cost estimate and project schedule update will be completed. These plans will be provided to the city for review. Craven Thompson will also perform a 90% internal review process at this time.



❖ **Task 5: 100% Complete Construction Documents**

The information and comments gathered from Task 4 will then be incorporated into the plans, which will be further developed into 100% complete construction documents including plans, calculations, cost estimate, phasing, MOT, and specifications. These documents will be finalized during this phase.

The cost estimate, specifications, plans, project schedule, and approvals will be delivered to the city at this time.

❖ **Constructability & Value Engineering**

In addition, Craven Thompson will review the project from a “constructability” of design perspective to meet the Fort Lauderdale’s goals and objectives and to maintain a firm grasp on the costs associated with each project.

The “constructability” of a design is an important facet to consider during each phase of a design’s development. However, when a preliminary design is nearing final design completion (90% plans), it undergoes an in-house constructability review by our Construction Department. This review specifically ensures that the plans make sense from a construction perspective and is intended to minimize potential problems in the field during construction.

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

Close attention to the budgetary constraints will be a primary focus of Craven Thompson. In addition, value-engineering analysis will play a critical role ensuring the most efficient design possible. No work will be added to the project without review and agreement by both the City of Fort Lauderdale staff and Mr. Gibney. Such review will include cost and time impacts to identify alternative solutions which can maintain the project’s budget. Development of a solid budget will be first of foremost importance to the success of the project. Verifying the budget against the agreed upon project scope will establish the baseline cost for construction. Just as in the design controls stated above, no additions to the scope will be made without a review by the city staff and Mr. Gibney.



❖ **Task 6: Responding to Contractor’s RFIs**

Craven Thompson will respond to the Contractor's requests for information (RFIs) regarding the site, design plans, quantities, specifications, phasing and special provisions. The Consultant will respond to request for Information (RFI) submitted by the contractor to the construction Engineering and Inspection (CEI) Consultant

FIRM'S CURRENT WORKLOAD, AVAILABILITY OF THE PROJECT TEAM

The Craven Thompson business plan target composite utilization rate for the company is 75%. The targeted rate accounts for holiday, vacation, marketing, administration, illness, and other nonbillable time. We employ a very small yet efficient number of administration personnel which contributes significantly to reducing our costs.

We have seen a gradual recovery of our utilization rates from around 71% since the Covid pandemic subsided. We have slowly but steadily increased our workload and reached a 73% utilization rate at the end of the year 2025, We project a steady 74% utilization rate in 2026, 2027, and 2028. This will still leave excess staff availability.

Our project manager and other key personnel will be able to devote all necessary time to successfully completing the tasks as described under this Solicitation based on our current and projected workload.

The following is a list of current and projected medium to significant size projects under contract including the names of engineering and construction personnel associated with each project. All engineers and surveyors working on various projects are listed as being available to support key personnel for this contract. Construction costs and percentage complete are included in the list. The key personnel designated to serve the Fort Lauderdale (FORT-104) Design of Sidewalk Improvements Citywide **are shown as *italicized, underlined, and bold***. Note that projects are in various phases such as planning; design; permitting; bidding; and construction. Those identified but not italicized are other personnel not identified in the submittal that are available support to key personnel for this contract.

- **Plantation Utilities Continuing Services** (% Complete Varies)
Construction Cost: Varies
Personnel on Project:
 - Timothy Hall, P.E. (PM)
 - **Scott Peavler, P.L.A.**
 - Gary Tenn, P.E.
 - Fareez Abraham, E.I.
 - **Richard Crawford, P.S.M.**
 - David Reyes

- **Hollywood Continuing Services** (% Complete Varies)
Construction Cost: Varies
Personnel on Project:
 - **Patrick Gibney, P.E.**
 - Kush Patel
 - Robert Burkert
 - Joshua Thomas
 - Fareez Abraham, E.I.
 - Raymond Young, P.S.M.
 - David Reyes



- **Boca Woods Infrastructure Upgrade** (90% Construction Complete)
Construction Cost: \$12 Million
Personnel on Project:

 - **Zach Gamble, P.E.**
 - Kevin Menting, P.E.
 - Todd Rubino, E.I.

- **Innovative Technology Village Roadways** (50% Construction Complete)
Construction Cost: \$1.2 million
Personnel on Project:

 - **Douglas Taylor, P.E. (PM)**
 - Kevin Menting, P.E.
 - Erik Schofield, P.L.A.
 - Nathan Raimondo
 - Kush Patel

- **Lawrence Road Improvements** (30% Design Complete), **Construction Cost:** \$1Million
Personnel on Project:

 - **Douglas Taylor, P.E.**
 - **Scott Peavler, P.L.A.**
 - Stanislas Kouzmine
 - Amani Robinson

- **NW/SW 8th Avenue Complete Streets Project**, (90% Design Complete, Const. beginning)
Construction Cost: \$8 Million
Personnel on Project:

 - Jacob Schulman P.E. (PM)
 - **Douglas Taylor, P.E.**
 - Eriik Schofield, P.L.A.
 - Stanislas Kouzime, E.I.
 - Amani Robinson

- **BCWWS District 3C** (80% Design Complete), **Construction Cost:** \$12 million
Personnel on Project:

 - Glen Harrelson, P.E. (PM)
 - **Patrick Gibney, P.E.**
 - Harry Palenzuela, P.E.
 - Rasiel Lopez
 - Kush Patel
 - Joshua Thomas

- **CBWCD - Various Projects** (% Complete Varies), **Construction Cost:** \$Varies
Personnel on Project:

 - Gary Tenn, P.E. (PM - District Engineer)
 - **Douglas Taylor, PE**
 - Kush Patel
 - Yago Guimaraes
 - Jailene Rivas
 - Brian Tull
 - Jeff LaBelle
 - Craig Lusthaus



- **Fort Lauderdale Utility Undergrounding (10% Complete)**
Construction Cost: Varies
Personnel on Project:
 - Timothy Hall, P.E.
 - Kush Patel
 - Yago Guimaraes
 - Jailene Rivas
 - Joshua Thomas
 - **Richard Crawford, P.S.M.**

- **Swain Boulevard Roadway Improvements (70% Design Complete)**
Construction Cost: \$3 Million
Personnel on Project:
 - **Zach Gamble, P.E. (PM)**
 - **Douglas Taylor, P.E.**
 - **Scott Peavler, P.L.A.**
 - Robert Burkert, E.I.
 - Matthew Novack, E.I.

- **Broward County Convention Center Expansion & Hotel (95% Design/Construction Complete – Design Build)**
Construction Cost: \$14 Million (site only)
Personnel on Project:
 - Timothy Hall, P.E. (PM)
 - Fareez Abraham, E.I.
 - Raymond Young, P.S.M.
 - **Richard Crawford, P.S.M.**
 - Brian Tull

- **Ranches Drainage Improvements (60% Construction Complete)**
Construction Cost: \$9 Million
Personnel on Project:
 - Luis Pimentel, P.E. (PM)
 - **Douglas Taylor, P.E.**
 - Erick Shofield, P.L.A.
 - Jailene Rivas
 - Robert Burkert, E.I.
 - Marshall Shedio

- **Oak Hill Drainage Improvements (50% Design Complete) / Construction Cost: \$8 Million**
Personnel on Project:
 - Glen Harrelson, P.E. (PM)
 - **Parick Gibney, P.E.**
 - Joshua Thomas
 - Harry Palenzuela, P.E.
 - Robert Burkert, E.I.
 - Matthew Novack, E.I.



- **Roosevelt Estates Neighborhood Improvements (60% Design Complete)**
Construction Cost: \$13 Million
Personnel on Project:

 - **Douglas Taylor, P.E. (PM)**
 - Joshua Thomas
 - Jailene Rivas
 - Robert Burkert, E.I.
 - Yago Guimaraes

- **Seacrest Boulevard Improvements (30% Design Complete)**
Construction Cost: \$4,000,000.00
Personnel on Project:

 - **Douglas Taylor, P.E.**
 - Kevin Menting, P.E.
 - Erik Schofield, P.L.A.
 - Stanislas Kouzmine
 - Amani Robinson
 - **Richard Crawford, P.S.M.**

- **Seminole Tribe of Florida - General Services (Completion Varies)**
Construction Cost: Varies
Personnel on Project:

 - Luis Pimentel, P.E. (PM)
 - Jacob Schulman, P.E.
 - Stanislas Kouzmine
 - Jailene Rivas
 - **Richard Crawford, P.S.M.**

- **Three Island Boulevard Traffic Improvements Project (100% Design Complete, Beginning Construction)**
Construction Cost: \$500,000.00
Personnel on Project:

 - Jacob Schulman, P.E. (PM)
 - Erik Schofield, P.L.A.
 - Harry Palenzuela, P.E.
 - Jailene Rivas
 - Jeff LaBelle

- **Various other Private Projects (% Complete - Varies), Construction Cost:** Varies
Personnel on Project:

<ul style="list-style-type: none"> ◦ <u>Patrick Gibney, P.E.</u> ◦ Chad Edwards, P.E. ◦ Harry Palenzuela, P.E. ◦ <u>Scott Peavler, P.L.A.</u> ◦ Nathan Raimondo ◦ Gary Tenn, P.E. ◦ Joshua Thomas ◦ Stanislas Kouzmine ◦ Todd Rubino, E.I. 	<ul style="list-style-type: none"> ◦ Kush Patel ◦ Matthew Novack, E.I. ◦ Raymond Young, P.S.M. ◦ <u>Richard Crawford, P.S.M.</u> ◦ David Reyes ◦ Brian Tull ◦ Craig Lusthaus ◦ Jeff LaBelle
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FIRM'S AVAILABLE FACILITIES, TECHNOLOGY, CAPABILITIES, AND OTHER AVAILABLE RESOURCES

In addition to conventional boundary, topographic, and construction surveys, Craven Thompson has extensive experience in providing the latest in 3D Laser Scanning - High-Definition Surveying, Geodetic Control, PLSS Retracement, Hydrographic, Cadastral, Photogrammetric Control, Right-of-Way, and Construction Surveys. Through the use of our Global Positioning System, 3D Laser Scanner, and total stations equipped with state-of-the-art data collectors, our survey data can be imported into a CAD or GIS environment, which can then be plotted or transferred to our clients via email, FTP, or on CD/DVD. Craven Thompson continues to refine and adapt CAD and GIS to a broad spectrum of uses. This blend of traditional and cutting-edge technology, combined with personalized service, forms the core of every Craven Thompson project.

Our subconsultants also provide the most current SUE equipment and Mobile LiDAR capabilities for the location and extraction of underground main information, as well as accurate survey feature locations in areas with poor GPS/GNSS satellite signals.

Available Facilities:

Main Office:

3563 NW 53rd Street
Fort Lauderdale, Florida 33309

Branch Office:

4723 W. Atlantic Avenue, Suite A12
Delray Beach, Florida 33445

Craven Thompson's Software and Hardware:

Craven Thompson continues to update all necessary software as new versions become available. These programs include, but are not limited to:

- Autodesk Civil 3D 2019-2025
- Autodesk Navisworks Freedom 2019-23
- Transoft Solution AutoTURN 10
- ESRI ArcGIS 10.8 Standard and Advanced
- Applied Imagery- Quick Terrain Modeler
- Global Mapper Pro
- Bentley WaterCAD Connect Edition
- Bentley SewerCAD Connect Edition
- EPA PCSWMM Hydro
- Streamline Technologies ICPR
- Custom-designed Engineering Calculation Software
- Trimble Business Center
- Trimble Terraflex
- Leica Cyclone 2024\ 3D Laser Scan Software
- Leica Cloudworx 2025\ AutoCAD Scan Software

Servers: Our server infrastructure is running two Dell PowerEdge Host Servers running VMware Virtual Software. These two servers run eight virtual servers, each running Windows 2008 R2 and Windows 2012 R2 server software and connect to a 96 Terabyte SAN (Storage Area Network) device configured with RAID 6 redundancy, which provides high availability of file access and fault tolerance. All data is backed up to a Quantum Ultrium 4 SCSI tape drive, which can back up to 9.6 TB of compressed data.

Network: Our network infrastructure comprises the latest Cisco Catalyst switches and Cat 6 network cabling, supporting speeds of up to 1 Gbps.

Workstations: Our workstations are Dell Precision line workstations, all running Windows 10 Professional, with either Xeon or i7 Dual- and Quad-Core processors, solid-state hard drives, and



a minimum of 16 Gigabytes of RAM. Production workstation utilizes a minimum of 4 GB video cards with dual 24" high-resolution monitors.

Plotting: We have an in-house Ricoh MP W8140 high-capacity wide-format plotter with color scanning capability, as well as two Hewlett-Packard High Resolution 1050 DesignJet plotters.

Surveying Department Resources and Equipment:

A complete list of Craven Thompson's equipment and software is as follows:

▪ **Craven Thompson Vehicles**

- Six (6) Ford F-150 Pick-ups fully equipped for Surveying Crews
- Two (2) 12-foot John Boats with w/motor

▪ **Craven Thompson Field Data Collection GPS**

- One (1) Trimble R8 GNSS GPS Systems Base Station
- Six (6) Trimble GNSS RTK GPS Systems [Three (3) Trimble R12i & Three (3) Trimble R10]
- One (1) Trimble R9 GNSS GPS Base Station w/Trimble VRS Network
- Five (5) Trimble DiNi Digital Level 0.3mm
- One (1) Trimble TSC3 data collector w/Trimble Access Software
- Six (6) Trimble TSC7 data collectors w/Trimble Access Software
- Two (2) Intuicom bridge radios

▪ **Field Data Collection**

- Three (3) Trimble Robotic Total Stations
- Two (2) Trimble Total Stations
- Ten (10) Radios
- Seven (7) Spectra Precision 3L Data Collectors with Survey Pro Software
- Six (6) Leica Total Stations
- Seven (7) Leica Levels
- One (1) Trimble GEO7x GIS Data Collection Unit

▪ **Sonar Equipment**

- One (1) Hydrolite Single Beam Echo Sounder
- One (1) Hydrolite Dual Beam Echo Sounder
- One (1) Hydrone Portable Hydro-Lite RV Boat

▪ **3D Laser Scanning**

- Leica C10 Laser Scanner - 3D Laser High-Definition Survey System
- Cyclone 2024 Scanning Software
- CloudWorx Pro 2025 for AutoCAD
- Trimble X9 Laser scanner



Design of Sidewalk Improvements Citywide (FORT-104)

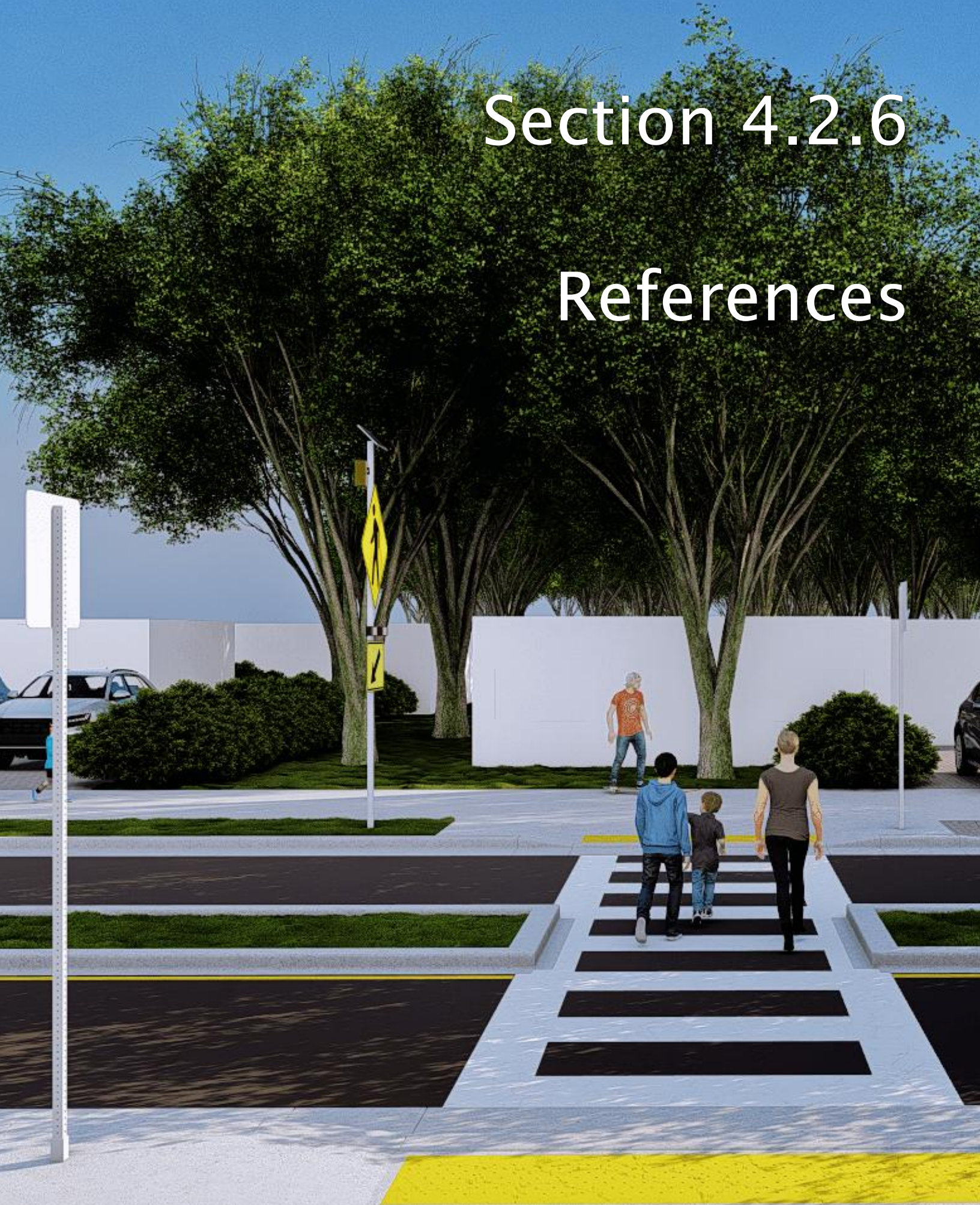
**Preliminary Design Schedule
FORT-104**

23-Jan-2026

			2026											
Activity Description	Start	Finish	January	February	March	April	May	June	July	August	September	October	November	December
Notice To Proceed	6-Apr-26	6-Apr-26				06-Apr-26								
Surveying Services	6-Apr-26	25-May-26				06-Apr-26	25-May-26							
Community Outreach Process	25-May-26	21-Dec-26					25-May-26							21-Dec-26
<u>Task 1</u> : 15% Conceptual and Schematic Design Services	25-May-26	22-Jun-26					25-May-26	22-Jun-26						
City Review	22-Jun-26	6-Jul-26						22-Jun-26	06-Jul-26					
<u>Task 2</u> : 30% Complete Design Services	6-Jul-26	3-Aug-26							06-Jul-26	03-Aug-26				
City Review	3-Aug-26	17-Aug-26								17-Aug-26				
Community Outreach and Meeting #1	17-Aug-26	17-Aug-26								17-Aug-26				
<u>Task 3</u> : 60% Complete Design Development Services	17-Aug-26	28-Sep-26								17-Aug-26	28-Sep-26			
City Review	28-Sep-26	12-Oct-26									28-Sep-26	12-Oct-26		
<u>Task 4</u> : 90% Complete Final Design Services	12-Oct-26	16-Nov-26										12-Oct-26	16-Nov-26	
Permitting & Approvals	28-Sep-26	7-Dec-26									28-Sep-26			07-Dec-26
Community Outreach and Meeting #2	30-Nov-26	30-Nov-26											30-Nov-26	
City Review	16-Nov-26	30-Nov-26											30-Nov-26	
<u>Task 5</u> : 100% Complete Construction Documents	30-Nov-26	21-Dec-26											30-Nov-26	21-Dec-26
Deliver to City	21-Dec-26	21-Dec-26												21-Dec-26
<u>Task 6</u> : Responding to RFIs - Dependent upon construction schedules														

Section 4.2.6

References



REFERENCES FORM

A minimum of three (3) references shall be provided

NOTE: - items with asterisk (*) are mandatory

Bidder Company Name*	Craven, Thompson & Associates, Inc.		
Key Contact Name*	Patrick J. Gibney, P.E.	Title	Vice President, Engineering
Email*	pgibney@craventhompson.com	Phone*	(954) 739-6400

References

Note: References will be contacted via emails with Key Contact Copied

1. Ref. Company Name	City of Greenacres, Florida		
Address	5750 Melaleuca Lane, Greenacres, Florida 33463		
Contact Name	Carlos I. Cedeno	Title	Public Works Director
Email*	ccedeno@greenacresfl.gov	Phone	(561) 642-2074
Contract/Project Value (\$)	\$65,725.00	Year	2021 - 2023
Project Title*	Chickasaw Road Improvements and Piping of LWDD L-11 Canal, Greenacres, Florida		
Project Description	Chickasaw Road project included the complete reconstruction of 1,607 linear feet of roadway, replacement of the roadway drainage system, and piping of the LWDD L-11 canal from Jog Road to just past the end of Chickasaw Road approximately 1,528 linear feet. Craven Thompson worked with the City of Greenacres and Lake Worth Drainage District initially to establish the initial basic design requirements and concepts to meet both entities requirements. One of the difficulties of this project was to account for all the existing drainage connections from adjacent properties that drained to the canal in the existing condition and also to make sure the new drainage system for the roadway could work for both entities.		

2. Ref. Company Name	City of Miramar, Florida		
Address	2200 Civic Center Place, Miramar, Florida 33025		
Contact Name	Salvador Zuniga, P.E.	Title	City Engineer
Email*	sezuniga@miramarfl.gov	Phone	(954) 602-3323
Contract/Project Value (\$)	\$248,780.00	Year	2022 - Present
Project Title*	Miramar Technology Village Roadway Improvements, Miramar, Florida		
Project Description	Craven Thompson & Associates is providing surveying, engineering, landscape architecture, and CEI services for the roadway improvements for the Miramar Technology Village. The roadway improvements are broken into two phases. Phase 1 includes SW 33rd Street from SW 68th Avenue, past SW 69th Avenue and Wildcat Way to Shirley Branca Park. Phase 2 includes SW 69th Avenue, from SW 33rd Street with a roundabout at SW 34th Street down to SW 35th Street; and SW 34th Street from SW 68th Avenue to the roundabout at SW 69th Avenue. The City of Miramar is constructing new roadways, roundabouts, parallel parking stalls, drainage, new lighting and landscaping for the Historic Miramar Technology Village located in the NW quadrant of the Historic Miramar Phase IV project. The City of Miramar's vision to create high quality housing, an innovation and technology hub, a public safety complex, commercial mixed-use opportunities, and open space that integrates into the existing community and links the various surrounding public and private uses.		

3. Ref. Company Name	Town of Davie, Florida		
Address	6591 Orange Drive, Davie, Florida 33314		
Contact Name	Jonathan Vogt, P.E.	Title	Town Engineer
Email*	Jonathan_Vogt@davie-fl.gov	Phone	(954) 797-1137

City of Fort Lauderdale
REFERENCES FORM

A minimum of three (3) references shall be provided

Contract/Project Value (\$)	\$639,020.00	Year	2021
Project Title	Westside Drainage Project, Davie, Florida		
Project Description	Craven Thompson completed the Westside Infrastructure Improvements within the CRA, west of Davie Road and north of Orange Drive. The site is 33.79 acres and is bounded by SW 41st Ct. on the south, SW 67th Ave. on the west, SW 39th St. on the north, and Davie Rd. on the east. The Drainage Study (performed using Interconnected Channel and Pond Routing (ICPR) software) incorporated a 5-acre parcel of Town owned land adjacent to the CBWCD Canal west of Town Hall as a passive park/retention area to attenuate the storm water. The Public Works site, West Side, Covenant House Park Site, North Side with Dry Retention, and the SW 67th Ave. Ext. were interconnected with a storm drainage trunk line, and discharge to the CBWCD N-7 Canal via one new control structure. The project required an ICPR stormwater modeling analysis. The new control structure was placed in the dry retention area near the northern end of the Covenant House Park Site and has a 5.40-inch-wide weir slot at invert elevation 3.55' NAVD to limit the discharge to the canal and provides the required water quality for the Public Works Site, Covenant House Park Site, and the West Side. The North Side has its own dry retention area for water quality and control structure with a weir elevation of 3.10' NAVD, prior to discharging to the main trunk line. The storm sewer was 3,225 LF, the exfiltration trench was 1,270 LF, the roadway, 6,100 LF and the sidewalk 2,300 LF. Craven Thompson provided surveying services, stormwater modeling & analysis (using ICPR software), design and permitting of stormwater/drainage and roadway restoration improvements, bid phase assistance, and construction administration and inspection services.		

4. Ref. Company Name	City of North Lauderdale, Florida		
Address	701 SW 71st Avenue, North Lauderdale, Florida 33068		
Contact Name	Samuel May	Title	Public Works Utilities Director
Email*	smay@nlauderdale.gov	Phone	(954) 597-4756
Contract/Project Value (\$)	\$217,757.50	Year	2018 - 2023
Project Title*	Kimberly Boulevard Complete Streets Project, North Lauderdale, Florida		
Project Description	The project is known as the Kimberly Boulevard Complete Streets Project from State Road 7 to Rock Island Road. The total length of roadway is 5,900 linear feet and consisted of four total lanes, two eastbound and two westbound with 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 overlaid. Craven Thompson provided surveying, landscape architectural, civil engineering, construction administration, and inspection services. Broward County Surtax Project ID: NLAU-007.1.		

5. Ref. Company Name	City of West Park, Florida		
Address	1965 S. State Road 7, West Park, Florida 33023		
Contact Name	Greg Perry, P.E.	Title	Director, Engineering & Construction
Email*	gperry@cityofwestpark.org	Phone	(954) 989-2688, Ext. 220
Contract/Project Value (\$)	\$304,615.00	Year	2022 - 2025
Project Title*	SW 48th Avenue Complete Street Improvements, West Park, Florida		
Project Description	Craven Thompson is providing design of the SW 48th Avenue for a roadway upgrade and re-alignment from County Line Road to Pembroke Road. The 1.5-mile complete street improvement includes roadway milling and resurfacing, drainage, pavement construction, ADA compliant sidewalks, traffic calming device, bike lanes, signing and pavement markings, and landscaping. The intent of the project is to provide a resilient and safer roadway for residents and businesses. Craven Thompson services include surveying, landscape, irrigation, and civil engineering. The project involves approximately 7,600 linear feet of right-of-way (not including Mary Saunders Park). Improvements are as follows: paving (milling & resurfacing and reconstruction), complete street elements, such as textured pavement, raised crosswalks, raised intersections, and speed lumps, ADA compliant sidewalks, bicycle lanes, street trees, landscaping, limited irrigation, drainage and pavement marking & signage. Broward County Surtax Project ID: WPRK-003.		

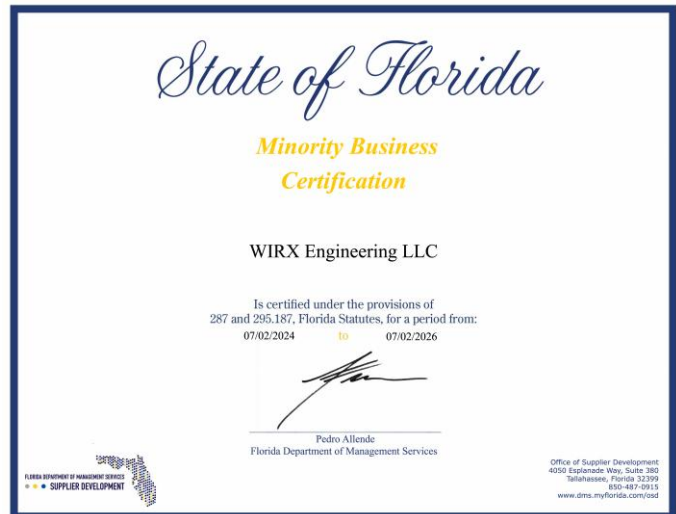
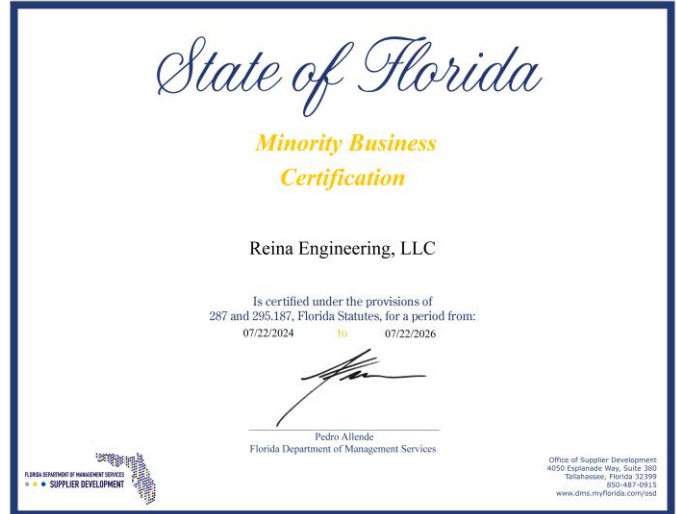
Section 4.2.7

Minority / Women (M/WBE) Participation



MINORITY / WOMEN (M/WBE) PARTICIPATION

Craven Thompson & Associates, Inc. is not a Minority/Women firm. However, we have included on our team, **Reina Engineering, LLC** (Minority-owned Business) providing Engineering Services, and **WIRX Engineering, LLC** (Minority-owned Business) providing Geotechnical Engineering Services.



Section 4.2.8

Subconsultants



**SAFE
CROSSWALKS**



**FURNISHING
ZONE**



**GREEN
SPACES**

SUB-CONSULTANTS

❖ REINA ENGINEERING, LLC: CIVIL ENGINEERING SERVICES

Contact: Francisco Reina, P.E., President
 6750 N. Andrews Avenue, Suite 200
 Fort Lauderdale, Florida 33309
 Phone: (561) 571-2210 / Email: freina@reinaengineering.com



Reina Engineering, LLC (RE) is a civil engineering consulting firm that provides solutions in the areas of land development, municipal engineering, and governmental services. The firm specializes in municipal utility infrastructure improvement projects. These municipal projects include water, sanitary sewer, reclaimed water, and storm water utility systems. Services provided for these projects include master planning, hydraulic modeling, project design, general site development, construction cost estimating, feasibility studies, permitting, and overall construction administration. Governmental services offered include CIP project management, FDOT utility relocation coordination, NPDES and CRS support, flood plain reviews, plan reviews, P&Z review, building engineering reviews, and engineering staff managing services. Reina Engineering has been in business since October 2022 and is organized as a Limited Liability Company under the State of Florida. The firm maintains status on the Engineering Business Registry with the Florida Department of Business & Professional Regulation (DBPR) and holds SBE certifications for Palm Beach County, Broward County, the City of West Palm Beach, and the South Florida Water Management District (SFWMD). We are also DBE certified by the Florida Department of Transportation. Prior to founding Reina Engineering, the firm's President, Mr. Francisco Reina, managed major utility infrastructure improvement projects for Broward County's Water and Wastewater Engineering Division and has previous experience working on utility projects in Miami Dade County. In his 13 years of experience with Broward and Miami Dade, he has managed projects totaling over \$500 million. He has experience working on projects with state agencies such as the Florida Department of Transportation, Florida Department of Environmental Protection, DERM, WASD, and the Florida Department of Health, as well as numerous South Florida counties, municipalities, and other local agencies.

❖ WIRX ENGINEERING, LLC: GEOTECHNICAL ENGINEERING SERVICES

Contact: Gregory J. Stelmack, P.E.
 515 E. Las Olas Blvd., Suite 120
 Fort Lauderdale, Florida 33301
 Phone: (561) 307-0166 / Email: gregorystelmack@wirxeng.com



WIRX Engineering, LLC is a Professional Geotechnical Engineering Firm with offices in Broward and Palm Beach Counties. WIRX services include Geotechnical Engineering, Water Resource Engineering, Geotechnical Drilling, Construction Management, and Construction Materials Testing and Inspections. Our 3 Principals have decades of combined Civil and Geotechnical Engineering experience, covering all aspects of a project including Design, Construction Engineering Inspection, Material Testing, Project Management, and Heavy Civil Construction. Experience includes working on 100's of high-profile projects with federal and local government agencies, including SFWMD, USACE, FDOT, and numerous City and County Agencies. WIRX incorporates their experience and insight into the Contractor's means and methods during the project design phase. This ultimately improves the constructability and the quality of the project, reducing unwanted change orders, facilitating communication and conflict negotiations, and providing the owner the most cost-effective end-product. WIRX holds all the required certifications and licenses from the State of Florida and Board of Professional Engineers to operate our Professional Geotechnical Engineering, Construction Inspection and Material Testing Business. WIRX also holds small and minority certifications with the State of Florida M/WBE, FDOT DBE, Palm Beach County S/MBE, Broward County S/CBE and SFWMD SBE.



❖ **INFRAMAP CORP.: SUB-SURFACE UTILITY ENGINEERING**

Contact: Andres Garcia, ULM, Senior Utility Location Manager
1100 N. Florida Mango Road, Suite D
West Palm Beach, Florida 33409
Phone: (561) 586-0790
Email: AGarcia@InfraMap.net



InfraMap is a leading provider of Utility Infrastructure Mapping and Subsurface Utility Engineering (S.U.E.) services. InfraMap collects utility infrastructure data in the field using sophisticated geophysical techniques and instrumentation (including GPR), with automated data collection gear and state of the art survey equipment. InfraMap then merges this information onto client’s base mapping in the desired format. InfraMap collects and presents this data to aid their clients in reducing the design and construction cost of major infrastructure projects. Founded in 1987, InfraMap is a utility infrastructure mapping specialist. Their clients are State and Local Transportation Departments, Airports, Port Authorities and Utilities. InfraMap has performed some of the largest utility mapping projects ever undertaken by any firm. InfraMap has the resources to perform and deliver multiple large-scale projects on time, throughout the United States, as evidenced by their past and recent performance.

Section 4.2.9

Required Forms



CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the [City's on-line strategic sourcing platform](#) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) Craven, Thompson & Associates, Inc. EIN (Optional): 59-0948029

Address: 3563 NW 53rd Street

City: Fort Lauderdale State: Florida Zip: 33309

Telephone No.: (954) 739-6400 FAX No.: (954) 739-6409 Email: pgibney@craventhompson.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): N/A

Total Bid Discount (section 1.05 of General Conditions): N/A

Check box if your firm qualifies for DBE (section 1.09 of General Conditions):

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

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

None.

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Patrick J. Gibney, P.E.

Name (printed)

January 23, 2026

Date


Signature

Vice President, Engineering

Title



DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the DBE Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, or Broward County current year business tax receipt, or State of Florida active registration **and/or**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: <https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

Definitions

- a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.



DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

(1) _____ is a disadvantaged class 1 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the city, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(2) _____ is a disadvantaged class 2 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the city with a full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(3) _____ is a disadvantaged class 3 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

Business Name

(4) _____ is a disadvantaged class 4 enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class A, Class B, or Class C business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

Business Name

(5) Craven, Thompson & Associates, Inc. is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

Business Name

BIDDER'S COMPANY: Craven, Thompson & Associates, Inc.

AUTHORIZED COMPANY PERSON: Patrick J. Gibney, P.E.  1/23/2026
PRINT NAME SIGNATURE DATE



NON-COLLUSION STATEMENT

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

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

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

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


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

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

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

<u>NAME</u>	<u>RELATIONSHIPS</u>
None	
_____	_____
_____	_____

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



 Authorized Signature

Patrick J. Gibney, P.E.

 Name (Printed)

Vice President, Engineering

 Title

January 23, 2026

 Date



LOCAL BUSINESS PREFERENCE

Section 2-199.2, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-12-04), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this ITB, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference the Bidder shall, within ten (10) calendar days, submit the following documentation to the Local Business Preference Class claimed:

- A) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- B) List of the names of all employees of the bidder and evidence of employees' residence within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:

https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodetd=COOR_CH2_AD_ARTVFI_DIV2PR_S2-186LOBUPR

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **and** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
2. Class B Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City **or** shall maintain a staffing level of the prime contractor for the proposed work of at least fifty percent (50%) who are residents of the City.
3. Class C Business - shall mean any Business that has established and agrees to maintain a permanent place of business located in a non-residential zone **and** staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.



LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business price preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) is a Class A Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(2) is a Class B Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Business Tax Receipt or a complete list of full-time employees and evidence of their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(3) is a Class C Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

Craven, Thompson & Associates, Inc. Business Name

(4) requests a Conditional Class A classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(5) requests a Conditional Class B classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(6) is considered a Class D Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186 and does not qualify for Local Preference consideration.

Business Name

BIDDER'S COMPANY: Craven, Thompson & Associates, Inc.

AUTHORIZED COMPANY PERSON: Patrick J. Gibney, P.E. SIGNATURE DATE 1/23/2026



**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.



Authorized Signature

Patrick J. Gibney, P.E., Vice President, Engineering
Print Name and Title

January 23, 2026
Date



E-VERIFY AFFIRMATION STATEMENT

Solicitation/Bid /Contract No: RFQ EVENT# 320

Project Description: Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- A. all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- B. all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Craven, Thompson & Associates, Inc.

Authorized Company Person's Signature: _____

Authorized Company Person's Title: Vice President, Engineering

Date: 1/23/2026

AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS
(Florida Statute- §287.138, 692.201, 692.202, 692.203, and 692.204)

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source:§ 287.138(2)(a), Florida Statutes)
2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source:§ 287.138(2)(b), Florida Statutes)
3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)
4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source:§ 288.007(2), Florida Statutes)
5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source: § 288.007(2), Florida Statutes)
6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(I), Florida Statutes)
7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.
8. **(Only applicable if purchasing real property)** Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source:§§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)
9. The undersigned is authorized to execute this affidavit on behalf of Entity.

Name: Patrick J. Gibney, P.E. Title: Vice President, Engineering Entity: Craven, Thompson & Associates, Inc.

Signature:  Date: 1/23/2026

NOTARY PUBLIC ACKNOWLEDGEMENT SECTION

STATE OF Florida
COUNTY OF Broward

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 23rd day of January 2026, by Patrick J. Gibney, P.E.

Vice President, Engineering for Craven, Thompson & Associates, Inc.
personally known to me or who has produced _____ as identification.

Notary Public Signature: Jennifer MacDonald (Notary Seal)
Print Name: Jennifer MacDonald My commission expires: 7/11/2026





CITY OF FORT LAUDERDALE

**SWORN STATEMENT PURSUANT TO SECTION 287.087, FLORIDA
STATUTES, ON PREFERENCE TO BUSINESS WITH
DRUG-FREE WORK PLACE PROGRAMS**

I certify that I have established a Drug Free Work Place program and have complied with the following

- a. Published and distributed to each employee a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibitions.
- b. Required all new employees to undergo laboratory testing as a condition of employment and will require all employees, as a condition of their continued employment, to undergo laboratory testing to detect illegal drug or alcohol use according to Florida Statutes 440.101 and 440.102.
- c. Ensured that applicants with a confirmed positive drug or alcohol screening test result are not considered for employment.
- d. Have tested employees when reasonably suspected of illegal drug or alcohol use.
- e. Ensured that any employee refusing to take a drug or alcohol screening test in violation of the Drug Free Work Place Policy is subject to dismissal for failure to abide by the provisions of the Policy.
- f. Informed employees about the dangers of drug abuse in the workplace, the business' policy of maintain a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
- g. In the statement specified in subparagraph a, notified the employees that, as a condition of their employment, the employee will abide by the terms of the statement and will notify their employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States of any state, for a violation occurring in the workplace no later than 5 days after such conviction.

- h. Have required all employees to sign a copy of this statement of compliance acknowledging their understanding and agreeing to abide with the requirements of the Drug Work Place Policy.
- i. Will impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
- j. Am making a good faith effort to continue to maintain a Drug Free Work Place through implementation of this document.

BY:  DATE: 1/23/2026

NAME (Printed) Patrick J. Gibney, P.E. TITLE: Vice President, Engineering

COMPANY NAME: Craven, Thompson & Associates, Inc.

Affix Company Seal



**SURTAX PROJECTS AND SERVICES (MUNICIPALITY)
LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER**

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performed with your own forces.

Municipality (City/Town/Village): City of Fort Lauderdale

Solicitation No.: RFQ Event# 320 **Project Title:** Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Bidder/Offeror Name: Craven, Thompson & Associates, Inc.

Address: 3563 NW 53rd Street **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Patrick J. Gibney, P.E.

Phone: (954) 739-6400 **Email:** pgibney@craventhompson.com

CBE Firm/Supplier Name: Reina Engineering, LLC

Address: 6750 N. Andrews Avenue, Suite 200 **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Francisco Reina, P.E., President

Phone: (954) 496-3027 **Email:** freina@reinaengineering.com

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

WORK TO BE PERFORMED BY CBE FIRM(S)


Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Engineering Services	541330	TBD	28%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature: Francisco Reina, P.E. Digitally signed by Francisco Reina, P.E.
Date: 2020.01.09 14:18:23 -0500 **Title:** President **Date:** 01/09/2026

Bidder/Offeror Authorized Representative

Signature:  **Title:** Vice President, Engineering **Date:** 1/9/2026

¹ Visit <https://www.census.gov/eos/www/naics/> to search and identify the correct NAICS codes. Match each type of work with the most appropriate NAICS code.

² To be provided only when the solicitation requires that the bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.



THIS CERTIFICATE IS AWARDED TO

REINA ENGINEERING, LLC

AS SET FORTH IN THE BROWARD COUNTY BUSINESS OPPORTUNITY ACT, THE CERTIFICATION REQUIREMENTS HAVE BEEN MET FOR:

County Business Enterprise (CBE) and Small Business Enterprise (SBE)

**SANDY-MICHAEL
 MCDONALD**

Digitally signed by SANDY-MICHAEL
 MCDONALD
 Date: 2024.11.04 10:54:06 -05'00'

Anniversary Date: November 1st.

THE OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT MUST BE NOTIFIED WITHIN 30 DAYS OF ANY MATERIAL CHANGES IN THE BUSINESS WHICH MAY AFFECT OWNERSHIP AND CONTROL. FAILURE TO DO SO MAY RESULT IN THE REVOCATION OF THIS CERTIFICATE AND/OR IMPOSITION OF OTHER SANCTIONS.

A SERVICE OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS
BROWARD.ORG/ECONDEV

GOVERNMENTAL CENTER ANNEX 115 S. ANDREWS AVENUE, ROOM A680 FORT LAUDERDALE, FL 33301
 TEL: 954-357-6400 • EMAIL: SBCERT@BROWARD.ORG • TTY: 954-357-5664





**SURTAX PROJECTS AND SERVICES (MUNICIPALITY)
LETTER OF INTENT
BETWEEN BIDDER/OFFEROR AND
COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER**

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performed with your own forces.

Municipality (City/Town/Village): City of Fort Lauderdale

Solicitation No.: RFQ Event# 320 **Project Title:** Design of Sidewalk Improvements Citywide (Surtax Project Fort-104)

Bidder/Offeror Name: Craven, Thompson & Associates, Inc.

Address: 3563 NW 53rd Street **City:** Fort Lauderdale **State:** FL **Zip:** 33309

Authorized Representative: Patrick J. Gibney, P.E.

Phone: (954) 739-6400 **Email:** pgibney@craventhompson.com

CBE Firm/Supplier Name: WIRX Engineering, LLC

Address: 515 E. Las Olas Boulevard, Suite 120 **City:** Fort Lauderdale **State:** FL **Zip:** 33301

Authorized Representative: Andrew Nixon, P.E., Managing Partner

Phone: (954) 451-0354 **Email:** AndrewNixon@wirxeng.com


- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

WORK TO BE PERFORMED BY CBE FIRM(S)


Description	NAICS ¹	CBE Contract Amount ²	CBE Percentage of Total Project Value
Testing Laboratories and Services	541380	TBD	2%

AFFIRMATION: I hereby affirm that the information above is true and correct.

CBE Firm/Supplier Authorized Representative

Signature:  Title: Managing Partner Date: 01/12/26

Bidder/Offeror Authorized Representative

Signature:  Title: Vice President, Engineering Date: 1/12/2026

¹ Visit <https://www.census.gov/eos/www/naics/> to search and identify the correct NAICS codes. Match each type of work with the most appropriate NAICS code.

² To be provided only when the solicitation requires that the bidder/offeror include a dollar amount in its bid/offer.

In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.



THIS CERTIFICATE IS AWARDED TO

WIRX ENGINEERING, LLC

AS SET FORTH IN THE BROWARD COUNTY BUSINESS OPPORTUNITY ACT OF 2012, THE CERTIFICATION REQUIREMENTS HAVE BEEN MET FOR:

County Business Enterprise (CBE)

CHERYL ROBERTS Digitally signed by CHERYL ROBERTS
 Date: 2025.06.06 08:13:28 -04'00'

AUTHORIZED REPRESENTATIVE

Anniversary Date: March 7th

THE OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT MUST BE NOTIFIED WITHIN 30 DAYS OF ANY MATERIAL CHANGES IN THE BUSINESS WHICH MAY AFFECT OWNERSHIP AND CONTROL. FAILURE TO DO SO MAY RESULT IN THE REVOCATION OF THIS CERTIFICATE AND/OR IMPOSITION OF OTHER SANCTIONS.

A SERVICE OF THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS
BROWARD.ORG/SMALLBUSINESS

GOVERNMENTAL CENTER ANNEX 115 S. ANDREWS AVENUE, ROOM A680 FORT LAUDERDALE, FL 33301
 TEL: 954-357-6400 • FAX: 954-357-5674 • TTY: 954-357-5664





ANTI-HUMAN TRAFFICKING AFFIDAVIT

Rev Date: 01/13/2025

The undersigned, on behalf of Craven, Thompson & Associates, Inc., a Florida profit ("Nongovernmental Entity"), under penalty of perjury, hereby deposes and says:

- 1. My name is Patrick J. Gibney, P.E.
2. I am an X officer or authorized representative of the Nongovernmental Entity. My title is: Vice President, Engineering
3. I attest that the Nongovernmental Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes (2024), as may be amended or revised.

Under penalties of perjury, I declare that I have read the foregoing Anti-Human Trafficking Affidavit and that the facts stated in it are true

Signature of Officer or Representative:

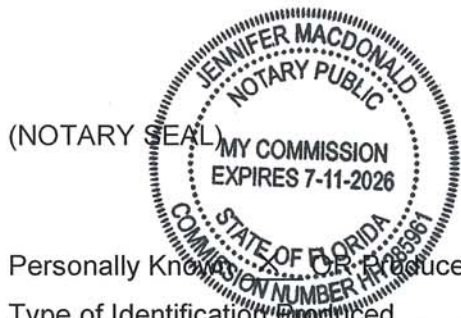
Office Address: 3563 NW 53rd Street, Fort Lauderdale, Florida 33309

Email Address: pgibney@craventhompson.com

Main Phone Number: (954) 739-6400 FEIN No.: 59-0948029

STATE OF Florida
COUNTY OF Broward

Sworn to and subscribed before me by means of physical presence or online notarization, this 23rd day of January, 2025, by Patrick J. Gibney, P.E.



Jennifer MacDonald
(Print, Type or Stamp Commissioned Name of Notary Public)

Personally Known Produced Identification
Type of Identification Produced

