



City of Delray Beach

RFQ 2023-041

CEI Services for N. Swinton Avenue, Roadway & Underground Utility Improvements



**Prepared
for:**

City of Delray Beach
434 S Swinton Avenue
Delray Beach FL 33444

**Date of
Proposal:**

May 17th 2023
2:00 p.m.

**Responsible
Office:**

Carnahan, Proctor & Cross, Inc.
814 S. Military Trail
Deerfield Beach, FL 33442

**Contact
Person:**

Dan Tintner, PE
Senior Project Engineer
Mobile: 954-593-8774
Email: DTintner@cpc-eng.com



DEL-IDA PARK HISTORIC DISTRICT

Recorded in 1923, Del-Ida Park was one of Delray Beach's earliest planned neighborhoods. Del-Ida Park's unusual diagonal arrangement of streets, triangular lots, and public parks are unique when contrasted with the grid pattern layout of the remainder of the city. This maintain a park-like atmosphere. Architectural styles throughout the neighborhood reflect the popular culture of South Florida and the land boom and bust that occurred during the initial development of the 1920s through to the 1940s. Although dominated by the Mediterranean and Mission Revival styles, Minimal Traditional and Frame Vernacular styles are also prevalent and provide a predominantly one-story, low-scale streetscape. Additional development of the 1930s and 1940s provide prime examples of the Ranch and Contemporary styles typical of South Florida. Del-Ida Park lies between NE 4th and 6th Streets with North Swinton Avenue to the west and the Florida East Coast Railroad to the east. The City of Delray Beach locally designated the Del-Ida Park Historic District in 1988.

A FLORIDA HERITAGE SITE
ENDORSED BY THE CITY OF DELRAY BEACH,
AND THE FLORIDA DEPARTMENT OF STATE

2009

INTRODUCTION





LETTER OF INTEREST

May 17, 2023

City of Delray Beach
Purchasing Department
100 NW 1st Avenue
Delray Beach, FL 33444

RE: RFQ NO. 2023-041 CEI Services for N. Swinton Avenue, Roadway & Underground Utility Improvements

Dear Selection Committee:

Carnahan, Proctor and Cross, Inc., (CPC), is pleased to submit this Letter of Interest to provide professional Construction Engineering and Inspection Services (CEI Services) for N. Swinton Avenue, Roadway & Underground Utility Improvements for the City of Delray Beach. This project is a high profile and high traffic area and public outreach will be critical. ***Our Construction Engineering and Inspection services (CEI Division) has completed numerous similar local municipalities' projects including the City of Delray Beach Sidewalk Improvements, City of Oakland Park, Andrews Avenue Improvements, City of Coconut Creek, Education Corridor Improvements project, and the Town of Lauderdale by the Sea, West Commercial Boulevard Improvements and SR A1A Beautification Landscape and Hardscape Improvements.***

Established in 1977, CPC has been providing professional engineering services for over 45 years in South Florida. CPC's headquarters is located close to this project and allows our staff to provide the quickest response to your needs, including daily & impromptu site visits as well as in-office meetings. We've assembled a team that has enjoyed working together on similar successful projects. CPC's ***Dan Tintner, PE, will serve as the Senior Project Engineer, Herb Tillman, CGC, Construction Administration & Robert Audette (Momentum) will serve a dual role as the Project Administrator/Contract Support Specialist. John Hart, PE, will ensure Quality Control. Our pool of Senior Inspectors includes David Sandusky, & Mohammed Farhadtooski who will perform daily inspections as required in the RFP. Omel Ramirez will provide utility coordination & support the Senior Inspectors as needed.***

Our team includes specialty subconsultants to enhance our ability to ensure proactive communication and address the public's concerns. ***The Merchant Strategy, Sharon Merchant, and Cheryl Scott will continue to provide a successful public involvement engagement for the required underground utility improvements project.*** They will be assuring a constant flow of information to residents, business owners, elected officials, churches, schools, and all other stakeholders within the project area.

Environmental Consulting Services Group, Marisa Magrino is an ISA Certified Arborist, Landscape Inspectors Association of Florida (LIAF) Certified Landscape Inspector, and Florida Nursery, Growers and Landscape Association (FNGLA) Certified Landscape Technician and Horticulture Professional. She will assist in monitoring the protection of existing/remaining trees and perform landscape inspections on new plantings.

We are committed to the highest level of technical professionalism and integrity in the delivery of our services. Our Team has extensive experience and has carefully reviewed the scope of services for this contract. CPC has assembled a team of highly qualified personnel for this project. The Team is experienced in all aspects of the proposed work, possesses a successful record of performance, and is committed to providing the highest quality of service to the City, from the start of the project until submittal of the final estimate.

814 S. Military Trail, Deerfield Beach, FL 33442 Tel: 954.972.3959 Fax: 954.972.4178

CIVIL ENGINEERING GEOMATICS/SURVEY CONSTRUCTION SERVICES

www.cpc-eng.com



Our inspectors currently have all of the required CTQP inspection certifications. Pursuing full certifications for all of our inspectors is one of CPC's corporate goals. Our proposed personnel are also experienced with the Contractor Quality Control (CQC) program and FDOT's Material Manual and Material Sampling, Testing, and Reporting Guide. The team also includes CPC Engineering Design staff who have extensive knowledge and experience in Complete Street Design Guidelines. This experience has been utilized on past projects in both the design phase and the construction phase of the project. CPC has extensive experience during construction: monitoring the contractor's implementation of traffic control plans to ensure that the roadway will be safe for all users from the beginning of construction to the placement of the final lift of asphalt, and the final striping, and signage.

Because of our knowledge of Delray Beach as well as the existing site conditions, we offer the City an advantage to ensure success before the project begins. This is made possible by several distinct key strengths the CPC team possesses. We strive to commit to personalized services and a proactive approach to provide constant contact with all stakeholders. We provide this service so that the City can rest assured that any issue or complication can be resolved using our internal resources. We are particularly proud of the multiple Florida Transportation Builders Association (FTBA), Davis Productivity, and Prudential Productivity, awards won by our CEI project personnel in South Florida.

Responsible Office:
Carnahan, Proctor & Cross, Inc.
814 S. Military Trail
Deerfield Beach, Florida 33442

Contact Person:
Dan Tintner, PE
Mobile: (954) 593-8774
E-mail: DTintner@cpc-eng.com

We are committed to the highest level of technical professionalism and integrity in the delivery of our services. Our Team has extensive experience and has carefully reviewed the scope of services for this contract. CPC has assembled a team of highly qualified personnel for this project. The Team is experienced in all aspects of the proposed work, possesses a successful record of performance, and is committed to providing the highest quality of service from the start of the project until the submittal of the final closeout documents.

We firmly believe we have provided you with the very best team for this City of Delray Beach project. No one will work harder in accomplishing our joint goals to make this project a success. Thank you for the opportunity to present our qualifications and your consideration of this contract.

Thank you for the opportunity to present our qualifications for this contract. Dan Tintner, PE will be the official corporate contact.

Sincerely,

Dan Tintner, PE
Senior Project Engineer
DTintner@CPC-eng.com
954.593.8774

Gregory M. Proctor, PE
President/CEO
GProctor@CPC-eng.com
954.972.3959



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MINIMUM QUALIFICATIONS





MINIMUM QUALIFICATIONS

Carnahan Proctor & Cross (CPC) is a multi-disciplined professional service consulting firm. Since our inception in 1977, CPC has strived to meet the needs of public and private sector clients, broadened and refined its services and is proud to have grown in size and leadership. The firm has distinguished itself by developing innovative solutions for difficult challenges faced by the real estate development, construction and transportation sectors. Excellent working relationships with our clients have afforded CPC repeated opportunities to partner on market-leading projects. CPC's team has professionals with skills and depth of resources to successfully handle this Construction Engineering and Inspection project

FOUNDED IN BROWARD COUNTY

1977




85+
EMPLOYEES

SERVING OVER
20
MUNICIPALITIES

FOR OVER
40
YEARS

- A. **CPC's current, active engineering license from the Florida Department of Business and Professional Regulation and/or the Florida Board of Professional Engineers.**

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION



HOME CONTACT US MY ACCOUNT

ONLINE SERVICES

- [Apply for a License](#)
- [Verify a Licensee](#)
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- [AB&T Delinquent Invoice & Activity List Search](#)

LICENSEE SEARCH OPTIONS

1:45:57 PM 5/5/2023

Data Contained In Search Results Is Current As Of 05/05/2023 10:39 AM.

Search Results - 1 Records

Please see our [glossary of terms](#) for an explanation of the license status shown in these search results.

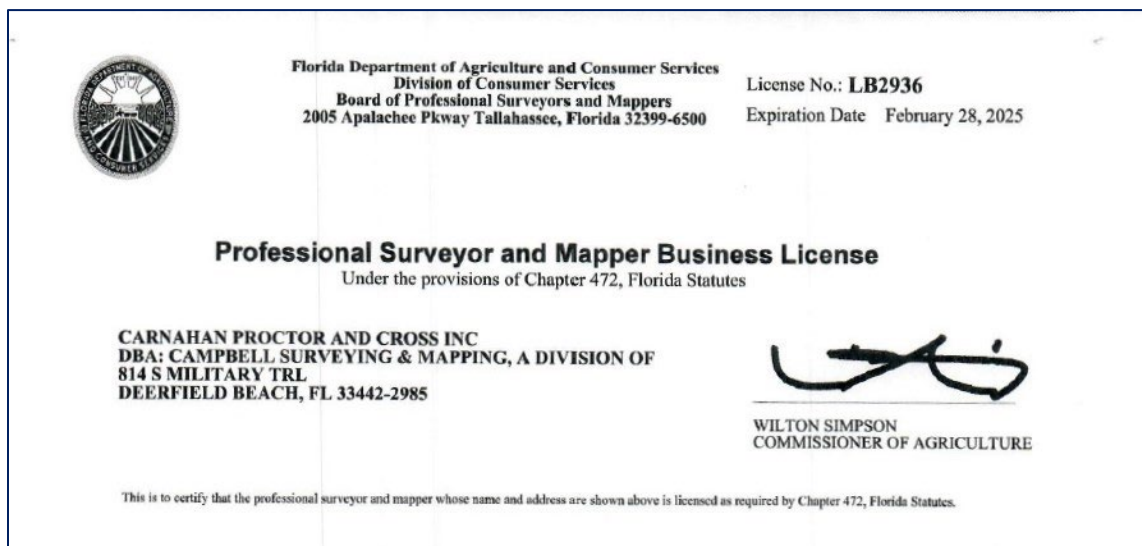
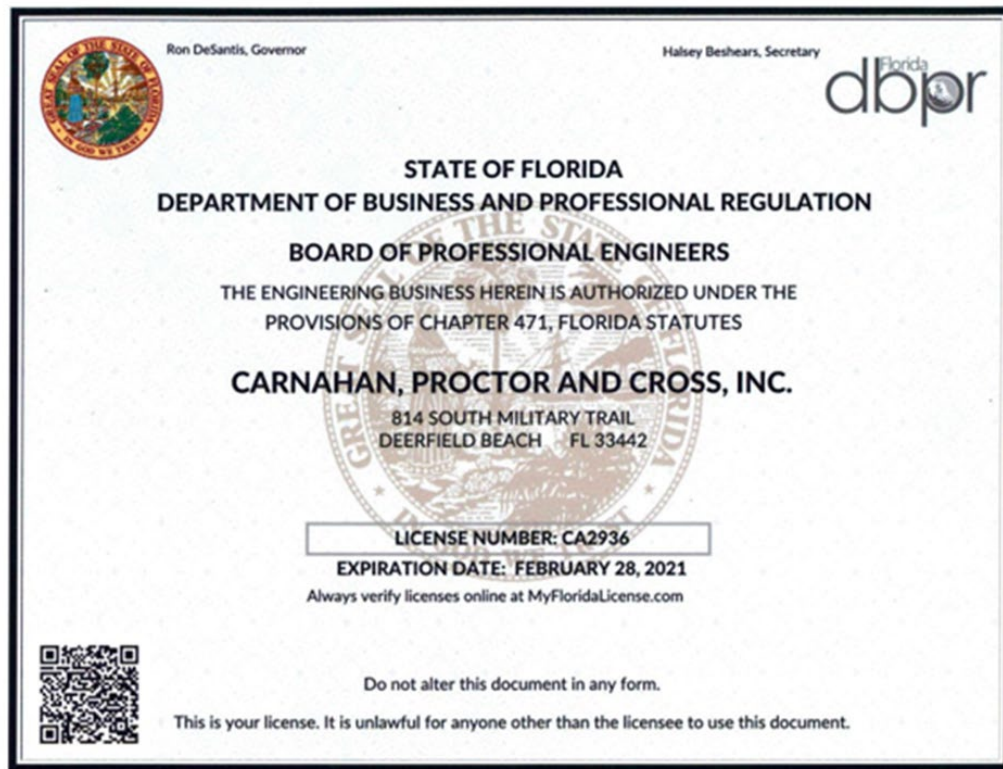
For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number/ Rank	Status/Expires
Engineering Business Registry	CARNAHAN, PROCTOR AND CROSS, INC.	Primary	2936 Registry	Current

Main Address*: 814 SOUTH MILITARY TRAIL DEERFIELD BEACH, FL 33442

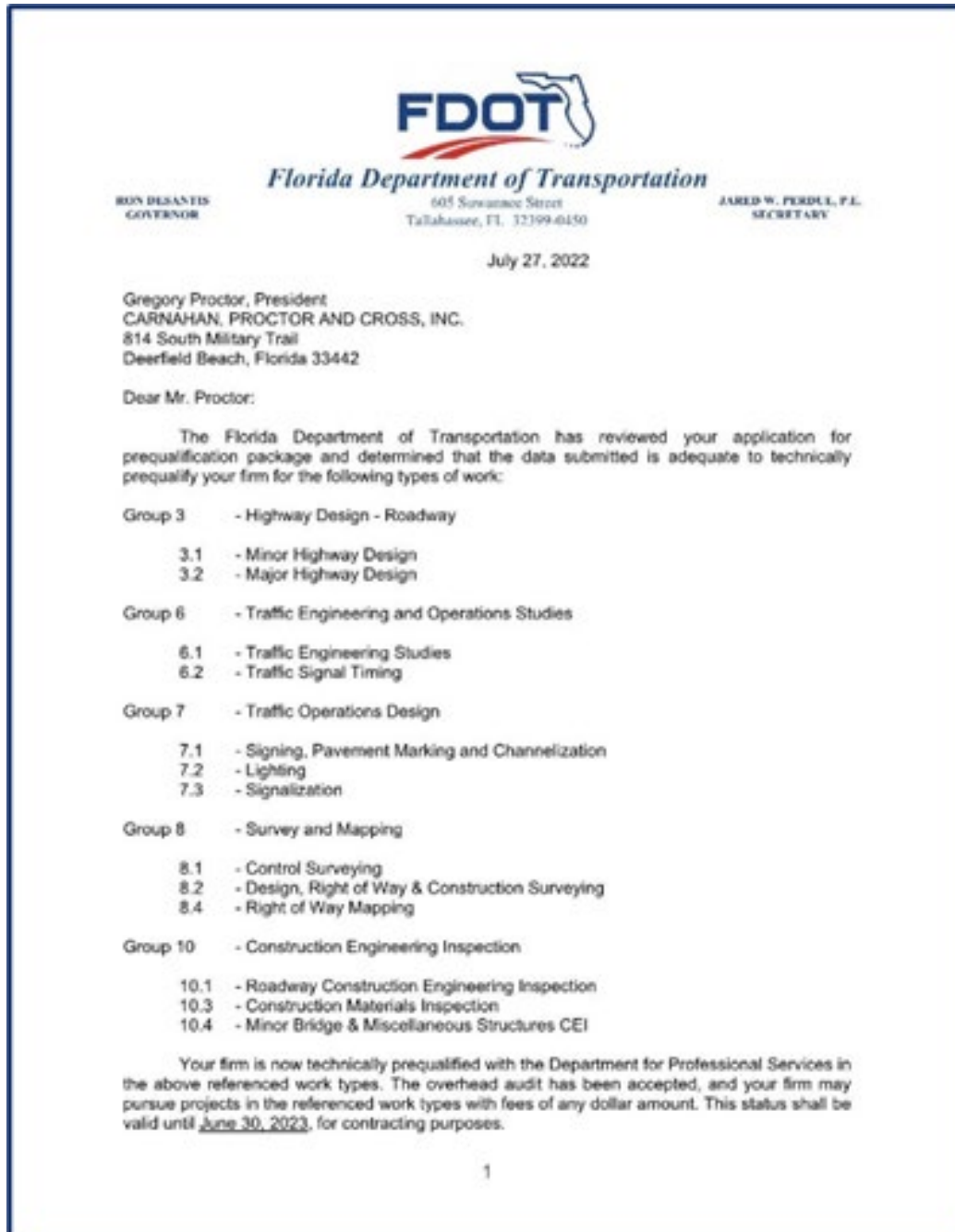
[Back](#) [New Search](#)

* denotes
Main Address - This address is the Primary Address on file.
Mailing Address - This is the address where the mail associated with a particular license will be sent (if different from the Main or License Location addresses).
License Location Address - This is the address where the place of business is physically located.





- B. CPC is pre-qualified by FDOT to perform the required professional services outlined in this solicitation.**



- C. CPC has no reported conflicts of interest in this RFQ.**

- D. Please refer to SF330 Forms included in SECTION 6**



- E. **Carnahan, Proctor, and Cross, Inc. is registered with the State of Florida, Division of Corporations, allowing us to do business in Florida. The document number for our corporation is 54787.**

State of Florida Department of State

I certify from the records of this office that CARNAHAN, PROCTOR AND CROSS, INC. is a corporation organized under the laws of the State of Florida, filed on September 26, 1977.


The document number of this corporation is 547587.

I further certify that said corporation has paid all fees due this office through December 31, 2023, that its most recent annual report/uniform business report was filed on March 9, 2023, 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 Seventh day of April, 2023*




Secretary of State

Tracking Number: 4025905834CU

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

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

- F. **CPC is NOT listed on the Florida State Board of Administration, Scrutinized List of Prohibited Companies found at:**
https://www.dms.myflorida.com/business_operations/state_purchasing/state_agencyresources/vendor_registration_and_vendor_lists/scrutinized_list_of_prohibited_companies

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PROPOSER'S INFORMATION



PROPOSER'S INFORMATION

- A. Legal Contracting Name: Carnahan Proctor and Cross, Inc.
- B. Ownership Structure of Proposer's Company: Corporation
- C. Provide, in this section, a completed and executed copy of Proposer's W-9 that includes the company's federal identification number: Please see below CPC's Completed & Executed Copy of CPC's W-9 that includes the company's federal identification number.

W-9 Form (Rev. October 2018) Department of the Treasury Internal Revenue Service		Request for Taxpayer Identification Number and Certification ▶ Go to www.irs.gov/FormW9 for instructions and the latest information.		Give Form to the requester. Do not send to the IRS.
1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Carnahan, Proctor and Cross, Inc.				
2 Business name/disregarded entity name, if different from above				
Print or type See Specific Instructions on page 3.	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.			4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC			Exempt payee code (if any)
	<input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate			Exemption from FATCA reporting code (if any)
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.			(Applies to accounts maintained outside the U.S.)
5 Address (number, street, and apt. or suite no.) See instructions. 814 S. Military Trail				
6 City, state, and ZIP code Deerfield Beach, Florida 33442				
7 List account number(s) here (optional)				
Part I Taxpayer Identification Number (TIN)				
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> , later.				
Social security number				
5 9 - 1 7 6 8 0 2				
OR				
Employer identification number				
5 9 - 1 7 6 8 0 2				
Part II Certification				
Under penalties of perjury, I certify that:				
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and				
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and				
3. I am a U.S. citizen or other U.S. person (defined below); and				
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.				
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.				
Sign Here	Signature of U.S. person ▶ <i>Catherine McQuillen</i>			Date ▶ 1.01.2023
General Instructions				
Section references are to the Internal Revenue Code unless otherwise noted.				
Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9 .				
Purpose of Form				
An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.				
• Form 1099-DIV (dividends, including those from stocks or mutual funds)				
• Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)				
• Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)				
• Form 1099-S (proceeds from real estate transactions)				
• Form 1099-K (merchant card and third party network transactions)				
• Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)				
• Form 1099-C (canceled debt)				
• Form 1099-A (acquisition or abandonment of secured property)				
Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.				
If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.				
Cat. No. 10231X		Form W-9 (Rev. 10-2018)		

D. Contact information for Proposer's Corporate Headquarters

- Carnahan Proctor and Cross, Inc.
814 S. Military Trail
Deerfield Beach, Florida, 33442
954.972.3959



E. Contact information for Proposer's primary and secondary representative during this solicitation process.

- a. Name: Greg Proctor, PE
Phone: 954.972.3959
Email: GProctor@cpc-eng.com
814 S. Military Trail
Deerfield Beach, FL 33442
- b. Dan Tintner, PE
Phone: 954.593.8774
Email: DTintner@cpc-eng.com
814 S. Military Trail
Deerfield Beach, FL 33442

F. Provide details of any ownership changes to Proposer's organization in the past three years or changes anticipated within six months of the Due Date and Time (e.g., mergers, acquisitions, changes in executive leadership).

CPC has not had any changes to ownership in the past two years and does not have any mergers, acquisitions, or changes in leadership planned.

G. Provide the names of the persons who are officers or principals of the company.

- a. Gregory Proctor, PE
814 S Military Trail
Deerfield Beach, Florida 33442
954.972.3959

H. Any additional organizational information that Proposer wishes to supply to augment its Proposal.

Carnahan Proctor & Cross (CPC) is a multi-disciplined professional service consulting firm. Since our inception in 1977, CPC has strived to meet the needs of public and private sector clients, broadened and refined its services, and is proud to have grown in size and leadership. The firm has distinguished itself by developing innovative solutions for difficult challenges faced by the real estate development, construction, and transportation sectors. Excellent working relationships with our clients have afforded CPC repeated opportunities to partner on market-leading projects.

CPC ranks among the Top 25 Engineering firms in Central and South Florida. With regional offices in both locations, CPC has the resources, experience, and capacity to successfully complete assignments of any size and complexity. Our engineers are leaders in the Florida consulting industry. CPC manages more than 80 professional and technical team members in-house who work together to service clients' project needs and are fully equipped with state-of-the-art technology and design software.





- I. Provide prior or pending litigation, either civil or criminal, involving a governmental agency or which may affect the performance of the services to be rendered herein, in which the Proposer, any of its employees or subcontractors, is or has been involved within the last three (3) years.



Carnahan, Proctor, and Cross, Inc., hereby certifies that the firm is not in litigation, claims, default, or any other kind of dispute relative to providing the services requested herein. The firm and staff principals have never declared bankruptcy, reorganized under Chapter 11 or been put into receivership. There are no criminal convictions and/or convictions of the firm or its principals. CPC has never been disbarred or suspended from bidding on a procurement project by any government. The following list summarizes all litigation and/or pending litigation Carnahan, Proctor, and Cross, Inc. have been a party to legal action (including arbitration, administrative proceedings, etc.) or lawsuits during the last three (3) years involving a client for claims. Following is a brief legal description of the dispute and its current status.

- 2021 – RAR2-20080 West Dixie Highway vs Gables Construction, Inc., Plaintiff filed a lawsuit against all involved in the project over a “Construction Defect”. CPC was brought in because we performed the design of the project. The case is pending.
 - Local Case Number: 2021-027392-CA-01
 - Filing Date: 12/21/2021
 - State Case Number: 132021CA027392000001
 - Case Venue: Miami-Dade County Clerk of the Courts

- J. Its most recent certified business financial statements as of a date not earlier than the end of the Proposer’s preceding official tax accounting period, together with a statement in writing, signed by a duly authorized representative, stating that the present financial condition is materially the same as that shown on the balance sheet and income statement submitted, or with an explanation for any material change in the financial condition. A copy of the most recent business income tax return will be accepted if certified financial statements are unavailable.

CPC’s 2022 financial statements are in process but not completed as of 05/17/2023. Florida Statutes Chapter 119 declaration of “confidentiality” states any confidential material(s) the Vendor asserts is exempt from public disclosure under Florida Statutes must be labeled as “Confidential” and marked with the specific statute and subsection asserting exemption from Public Records. A copy of CPC’s 2021 business income tax return is available upon request. Please let us know your preference of how to submit this info to the City as “Confidential”



May 17, 2023

Ref: Statement of Financial Soundness

To Whom It May Concern:

CARNAHAN PROCTOR CROSS, Inc. (CPC) has demonstrated our financial soundness and history of meeting financial obligations. CPC has a proven history of positive cash flow, minimal expense growth, and fast payable and receivable turnaround time. CPC is currently not in any mergers, litigations, or bankruptcy courts. CPC has never lost or been removed from any government projects due to non-performance or negative reviews. CPC, hereby certifies that the firm has never been disbarred or suspended from bidding on a procurement project by any government. The firm and staff principals have never declared bankruptcy or reorganized under Chapter 11 or been put into receivership. There are no criminal convictions and/or convictions of the firm or its principals.

Sincerely,

Luc Labreche
Assistant Controller



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EXPERIENCE



EXPERIENCE

Carnahan Proctor and Cross, Inc. is committed to the highest level of technical professionalism and integrity in the delivery of our services. We have carefully reviewed the scope of services for this contract and have assembled a team of highly qualified personnel for the ***CEI Services for N. Swinton Avenue Roadway & Underground Utility Improvements project***, who are experienced in all aspects of the proposed work, possess a successful record of performance and are committed to providing the highest quality of service to the City from the start of the project until submittal of the final estimate.

A. Provide details of the Proposer's years of experience in the field of construction engineering and inspection consulting services. Include number of projects, construction dollar value, and years of relevant experience.

CPC has been a leader in the industry providing Construction Engineering & Inspection (CEI) services for over 25 years. We have completed a vast amount of successful projects ranging from under \$100k to over \$5M in CEI fees. Our clients include local agencies Cities and Counties, the Florida Department of Transportation (FDOT), Seminole Tribe of Florida, and private entities.

We provide a wide range of construction management services tailored to our client's needs, whether they're state and local agencies or commercial and residential developers. As an Owner's Representative, we ensure that a project is built as designed, on schedule, and at the best value possible. From miles of a new roadway or highway to thousands of acres of community master planning, the scale and complexity of the CPC portfolio speak to our team's wealth of experience.

Construction Engineering and Inspection (CEI) Services provided by CPC ensure our client's projects are built in accordance with their plans and specifications. We offer CEI services in support of CPC's engineering design, or independently as a CEI consultant. In either situation, our clients receive the added perspective of pooled expertise from other disciplines within our firm to resolve constructability issues that arise.

- ✓ Project Oversight
- ✓ Owner's Representative
- ✓ Constructability Plan Reviews
- ✓ Construction Contract Administration
- ✓ Construction Engineering & Inspection
- ✓ Construction Estimating & Scheduling
- ✓ Contractor Quality Control

Our experience relevant to N. Swinton Avenue includes the inspection of urban roadways, utility conflict resolution, curbs, sidewalks, drainage, landscape nodes, pedestrian lighting, signage, full-depth pavement reconstruction, pavement markings, on-street bike lanes, roundabouts, sanitary sewer lining, reclaimed water mains, and potable water mains, manholes, lift stations, sanitary sewer improvements, stormwater drainage improvements, and utility relocations.

Our Construction Engineering & Inspection (CEI) Division continues to be acknowledged for our innovative and costs savings initiatives, delivering successful projects on time and within budget.

Please refer to the relevant project experience at the back of this section and in SF330 forms.



**CEI Services for N. Swinton Avenue
Roadway & Underground Utility Improvements**

Our CEI team that CPC has assembled has extensive experience and recent prior experience with FDOT Local Agency Program (LAP) projects for other municipalities. Our inspectors currently have all of the required CTQP inspection certifications. Pursuing full certifications for all of our inspectors is one of CPC's corporate goals. Our proposed personnel are also experienced with the Contractor Quality Control (CQC) program and FDOT's Material Manual and Material Sampling, Testing, and Reporting Guide. *Please see CEI Matrix below.*

Name	Project Role	TIN #	Company	Years of Experience	QC Manager	MOT - FDOT Advanced	MOT - FDOT Intermediate	CSX Certification	CTQP Final Estimates Level I	CTQP Final Estimates Level II	CTQP Earthwork Construction Inspection Level I	CTQP Earthwork Construction Inspection Level II	CTQP Asphalt Paving Level I	CTQP Asphalt Paving Level II	CTQP Drilled Shaft Inspection	CTQP Concrete Field Technician Level I	ACI Concrete Field Testing Tech Grade 1	FDOT MSE Wall Inspection	Radiation Safety & Use of Nuclear Density Gauge	HAZMAT 48CFR172 - Subpart H	FDEP Stormwater Management Inspector	IMSA Traffic Signal Technician Level 1	FDOT Critical Structures Construction Issues
Dan Tintner, PE	Senior Project Engineer	T53516156	CPC	42	X	X		X	X				X	X						X			
Herbert (Herb) Tillman	Construction Administration	T45532752	CPC	41	X	X			X	X	X	X	X	X				X		X			
John Hart, PE	QA/QC	H63046164	CPC	34	X	X											X				X	X	X
Robert Audette	PA/CSS	A33076767	Momentum	25	X	X		X	X	X	X	X	X	X									X
Winnie Wilson	Resident Compliance Specialist	N/A	CPC	30																			
David Sandusky	Senior Inspector	S53217453	CPC	48		X		X				X	X				X	X			X	X	X
Mohammad Farhadtooski	Senior Inspector	F63254059	Momentum	20	X		X	X	X	X	X	X	X	X				X	X	X	X		X
Omel Ramirez	Inspection / Utility Coordination	R56264581	CPC	23	X		X	X		X	X	X	X	X	X	X		X	X	X	X	X	X
Jeremy Jones	3D Laser BIM Specialist Scanning	N/A	CPC	30																			
Alfie Cross, PSM	Senior Project Surveyor	N/A	CPC	52			X	X															

B. Provide a detailed narrative documenting the Proposer's specific experience including, but not limited to the following:

- a. At least five (5) years of experience as the prime construction engineering and inspection consultant on roadway, utility, accessibility, lighting, and landscape construction projects**

CPC has over 25 years of experience as the Prime on similar projects

- b. At least five (5) years of experience with construction engineering and inspection projects that include utility conflict resolution, curbs, sidewalks, drainage, landscape nodes, pedestrian lighting, signage, full-depth pavement reconstruction, pavement markings, on-street bike lanes, roundabouts, sanitary sewer lining, reclaimed water mains and potable water mains.**

CPC has over 25 years of experience as the Prime on similar projects

- c. Experience with municipal or government agency construction projects**

CPC serves as the Prime CEI Consultant for local agencies, cities, and counties.

- d. Experience with projects in Florida, particularly in South Florida and Palm Beach County**

CPC has vast CEI experience in South East Florida

- e. Other types of related experience or information**

CPC has in-house expertise and provides state-of-the-art surveying services that include, 3D laser scanning and modeling, subsurface utility engineering (SUE), and drone services.

PLEASE REFER TO THE END OF THIS SECTION 5 FOR A DETAILED LIST OF SIMILAR COMPLETED PROJECTS



**CEI Services for N. Swinton Avenue
Roadway & Underground Utility Improvements**

- C. **Submit three (3) client references for whom Proposer has provided construction engineering and inspection consulting services similar to those specified in this RFQ in the past five (5) years and who are agreeable to respond to a request from the City regarding Proposer's experience.**

City of Oakland Park, Andrews Ave Improvements (CEI)

Client Name: City of Oakland Park

Client Contact Name: Brynt Johnson, LEED AP, PMP, CFM

Client Address: 5399 N. Dixie Highway, Suite 3, Oakland Park, FL 33334

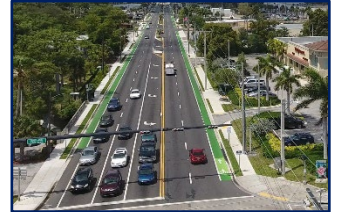
Contact Phone Number: P: 954-630-4343

Contact Email Address: Brynt.Johnson@oaklandparkfl.gov

Date of Services: 2019

Description of all services provided: Full Construction Engineering & Inspection Oversight

Total Amount of Contract: \$222,888



City of Coconut Creek, LAP Project, Education Corridor Improvements Phase III, Coconut Creek Parkway

Client Name: City of Coconut Creek

Client Contact Name: Osama Elshami

Client Address: 4800 West Copans Road, Coconut Creek, FL 33063

Contact Phone Number: 954-973-6786

Contact Email Address: oelshani@coconutcreek.net

Dates of Services: 2016

Description of all services provided: Full Construction Engineering & Inspection Oversight

Total Amount of Contract: \$ 202,295.00



City of Delray Beach, CRA Sidewalks

Client Name: City of Delray Beach

Client Contact Name: Isaac Kovner, PE, Principal Engineer

Client Address: 434 S. Swinton Ave., Delray Beach, FL 33444

Contact Phone Number: (561) 243-7341

Contact Email Address: kovner@mydelraybeach.com

Date of Services: 2018

Description of all services provided: Full Construction Engineering & Inspection Oversight

Total Amount of Contract: \$36,000



- D. **Identify the primary contact person, supervisory personnel, and other key personnel (including subconsultants) who are designated to work on the City's project. Provide a Standard Form (SF) 330, Section E for each individual. Include copies of relevant licenses and certifications relevant to the project.**

FULL INDIVIDUAL RESUMES & CERTIFICATIONS ARE INCLUDED AT THE BACK OF THIS SECTION 5.

DAN A. TINTNER, PE, Senior Project Engineer, Primary Contact: Mr. Tintner will be the main point of contact for this contract. Dan will serve the role of Senior Project Engineer. Dan has been providing Construction Engineering and Inspection (CEI) services along with professional engineering services in South Florida for over 39 years. Mr. Tintner is also certified by the FDEP as a Stormwater Management Inspector and also holds the FDOT Advanced MOT certification. Dan is very knowledgeable and has experience with Complete Streets Guidelines, HUD Guidelines for CDBG Projects, and FDOT, as well as the City's codes and ordinances. Some of his experience includes **The City of Delray Beach, Police Headquarters Evaluation for Renovation or Replacement, City of Delray Beach, CRA Sidewalk Projects, Broward County Roadway Design, CEI projects, and Broward County**





Neighborhood Improvement Projects, including North Andrews Gardens Neighborhood Improvement Project. Mr. Tintner has also served as the Senior Project Manager for several other Broward County Roadway design and CEI projects and Broward County Neighborhood Improvement Projects, including Coconut Creek, Education Corridor Improvements LAP project, Pine Island Road from Sheridan Street to Stirling Road, Douglas Road from County Line to Pembroke Road, North Andrews Gardens Neighborhood Improvement Project, and North County Neighborhood Improvement Project as well as several other roadway projects within the Town of Davie. Dan's tenacity in maintaining good stakeholder relations and his excellent issue-resolution skills when dealing with contractors are just two key areas that have helped pave the way to his success. His responsibility has included managing roadway and transportation projects, utility and infrastructure projects, sanitary sewer rehabilitation studies, pump station evaluation studies, downtown redevelopment studies, and stormwater management studies.



HERB TILLMAN, CGC, Construction Administration: Mr. Tillman is a successful professional with extensive experience managing construction and development projects. He is currently managing projects for the City of Delray Beach. He has managed over \$ 3 billion worth of projects through all phases of the construction and development process. His experience includes full-service operations and project management, including acquisition, due diligence, entitlements, planning, design, construction, and product delivery. He's provided consulting services to individuals and corporate clients on an hourly basis for various disciplines that include property

evaluations, highest and best use recommendations, materials specifications, construction means and methods reviews, design versus as-built analyses, construction cost analyses, construction defects investigations, and expert witness testimony.

JOHN HART, PE, Quality Assurance / Quality Control, Senior Project Engineer: Mr.

Hart's 30 years of experience reflect a proven track record on CEI projects.

During the last 12 years in TCOPS, his SR 60 project was completed 200+ days ahead of schedule (returning \$750,000 of unused CEI funds), was awarded a Davis Award for a \$250,000 cost savings proposal, had an error-free FE package, and achieved MC five days before FA. Following that project, he completed SR70 67 days ahead of schedule (returning \$190K unused CEI funds), was also awarded Davis Productivity Award for a \$60K cost savings proposal, was awarded an AP Bolton award for asphalt paving, had an error-free FE package and achieved MC six days before FA. Most recently his SR710 project was completed almost 200 days ahead of schedule, has been nominated for an FTBA, and had a perfect Final Estimate. John managed a 5-year Residency Contract in District 6 as the CEI Resident Engineer, where his team completed over 100 roadway and bridge projects (>\$150M construction). ***Four of John's recent projects earned FTBA awards.***



WINNIFRED "WINNIE" WILLSON, CEI Resident Compliance Specialist: Winnie has over 25 years of experience working on FDOT construction projects. As a Resident Compliance Specialist, she has worked in Districts 4 and 6 and oversees the DOL and FHWA labor compliance.

She monitors compliance with contract specifications and is also in charge of scanning all project documentation into the Department's database (Hummingbird). She is currently serving as the compliance specialist on SR 823 (Red Road/NW 57th Ave. Grouping), a \$38.7M contract. Before her current assignment, Winnie was the Resident Compliance Specialist for the \$39.5M Dixie Highway Flyover Design-Build Contract. Also, Winnie has completed a 5-year assignment for the District 6 CEI Residency. This contract involved managing multiple contracts from the District construction work program, from pre-construction coordination to certification of final estimate packages. She has been involved in over 40 projects.



CEI Services for N. Swinton Avenue Roadway & Underground Utility Improvements

DAVID SANDUSKY, Senior Roadway Inspector: *Mr. Sandusky has more than 48 years of construction experience working for FDOT District Five and CEI.* He has served duties on numerous urban arterial and interstate roadway projects. David Sandusky (CPC), Senior Roadway Inspector. David will serve as our lead senior roadway inspector. He has over 48 years of roadway construction experience working in D1, D4, D5, and the Turnpike. David's roadway/asphalt construction experience is unsurpassed! He will oversee all roadway milling and paving operations for the team and will assign inspection tasks to the roadway inspectors on our team.



OMEL RAMIREZ, CEI Inspector / Utility Coordination: *Mr. Ramirez's 15 years of experience in CEI are extensive and diverse. He specializes in urban corridor projects such as I-95, 79th Street, Krome Ave, and SR70.* His primary strengths include earthwork operations overseeing drainage and embankment placement as well as asphalt paving and he is proficient in setting up and keeping the density logbook for multiple simultaneous activities. His experience also includes bascule bridge restoration projects including the bridges over the Miami River as well as PCP concrete pavement placement on Krome Avenue.

LONDON "ALFIE" CROSS, PSM, Senior Project Surveyor: *Mr. Cross has managed an extensive list of projects in his 52 years as a Professional Land Surveyor and Mapper (PSM) throughout the state of Florida for both governmental and private clients.*

Serving as Senior Project Surveyor, Mr. Cross has extensive experience in Construction Engineering & Inspection projects. Those include the Seminole Tribe of Florida (STOF), Florida City Gas/NextEra, Florida Power, and Light Company, Florida Department of Transportation (Districts 4 and 6), and numerous local municipalities. He has successfully completed hundreds of survey and mapping projects using conventional survey equipment, state-of-the-art GPS, and Laser systems for pre-and post-construction and as-built horizontal and vertical information for buildings and land. Serving as Senior Project Surveyor for FDOT and FCG projects, Mr. Cross has supervised the verification and recovery of project control (PNC), Ground Lines (Roadway X-Sections), and Cross-sections of canals and ditches. He has assisted in implementing updated FDOT Construction Project Administration Manual (CPAM) procedures for joint surveys for verification of "Original Plan Terrain" and "Sub-soil excavation."



JEREMY JONES, 3D Laser Scanning/BIM Specialist: *Jeremy Jones's 28 years of experience include niche expertise in the geospatial industry, with a focus on 3D Laser Scanning and Building Information Modeling. He was part of a Harvard/NIST team that created the chapter and addendum to the Building Information Model Guide for the US General Services Administration (GSA).* In addition to being a leader in the geospatial industry, Mr. Jones is well-versed in all aspects of construction. Experience includes Construction, Engineering & Inspection, (CEI), GIS, topographic surveys, boundary surveys, ALTA surveys, construction surveys, and due diligence reports. These skill sets have been tested in multiple industry sectors ranging from design survey data collection to complex construction as-built verification.



SUBCONSULTANTS THAT HAVE PREVIOUS EXPERIENCE WORKING WITH CPC



MOMENTUM CEI INC., CEI SUPPORT
1961 NW 180th Way Pembroke Pines, FL 33029

Robert Audette, PE is a former CPC Project Administrator and continues to partner with CPC under his company Momentum CEI, Inc. Robert has worked under Dan Tintner, PE on CEI projects including the City of Oakland Park Andrews Avenue FDOT Local Agency Program project. Robert has over 25 years of experience in the construction industry. He has worked on various projects with the Florida Department of Transportation (FDOT) and Local Agency Participation (LAP) projects for local agencies. Robert has a considerable amount of roadway and bridge construction and rehabilitation project experience. Robert's experience includes structural design, specialty inspection of steel, precast, and segmental bridges, and CEI work for FDOT.



Mr. Farhadtooski has over 20 years of experience on FDOT roadway and bridge construction projects in Districts 4 and 6. Excellent understanding of the procedures, practices, and requirements of all aspects of the CEI industry through participation in major Florida interstate projects as a Senior Inspector. His experience primarily includes CEI for earthwork, asphalt, concrete, lighting, signalization, drilled shaft, overhead signs, drainage, landscaping, guardrail, sidewalks, and bike lane and as well as verification of contractor quality control sampling and testing procedures and inspections. Mr. Farhadtooski brings extensive experience in Design-Build projects, having worked on signature projects.



Environmental
Consulting
Services Group

ENVIRONMENTAL CONSULTING SERVICES (ECS) GROUP INC., Landscape Inspection/Arborist
1627 NE 17th Terrace, Fort Lauderdale, FL 33305

Marisa Magrino, ISA, LIAF has been working as an environmental professional in Florida since 2004. With extensive experience in Florida ecosystems, ECS Group can provide an array of environmental services and innovative solutions to their clients. Their focus is to create a customized action plan for each client to ensure meeting our client's needs in a timely manner. Their services include Tree Assessments, Inventories & Permitting, Gopher Tortoise Surveys, Permitting & Relocation, Habitat and Wildlife Assessments, Benthic Inspections & Assessment, Wetland Delineation & Assessment, Coastal, Wetland, and Water Use Permitting, Due Diligence Reports, Coral Relocation and Monitoring, Mitigation Design and Monitoring, Environmental Impact Evaluations, PD&E, NEPA and Action Plan Studies, Environmental and Restoration Planning, Construction & Turbidity Monitoring.

Ms. Magrino is a certified arborist and environmental scientist with 19 years of experience. With her extensive educational and professional experience, Ms. Magrino is proficient in plant and wildlife identification, tree assessments, plan reviews, report writing, mitigation assessments, GIS, coordinating/obtaining permits, and performing coastal, wetland, and landscape surveys and compliance inspections. She served as a Natural Resources Specialist for Broward County, requiring her to effectively manage projects, issue licenses, and permits, conduct biological assessments and wetland determinations, create and review technical reports, map wetland and seagrass in GIS, and ensure compliance with regulations on all levels. Professional certifications include FWC Gopher Tortoise Agent, ISA Certified Arborist, LIAF Certified Landscape Inspector, FNGLA Certified Landscape Technician, and Horticulture Professional, FDEP Stormwater Inspector, and FDOT Maintenance of Traffic.





THE MERCHANT STRATEGY

The Merchant Strategy (TMS), PUBLIC OUTREACH
1804 North Dixie Highway, Suite B, West Palm Beach, Florida 33407

The Merchant Strategy, Inc. (TMS) is a woman-owned small business owned and operated by the company president, Sharon Merchant, a former State Representative, and lifelong resident of Palm Beach County. Their team of professionals offers extensive expertise in public involvement, government/community relations, crisis management, social media, and media relations. The team's client list combines services to city and county governments, non-profit agencies, and industry leaders in transportation, architecture, engineering, construction, health care, education, environmental services, and utilities. We are typically engaged in Government/Community Relations to help ensure the success of a challenging private-sector projects. We create a plan to address all potential stakeholders, find compromises to tone down opponents, and find supporters. We engage with our supporters and ask them to attend public meetings in support of our project. Once our supporters are lined up, and we have satisfied the opponent's concerns, we lobby the elected officials and their staff for their support. Our Public Involvement Team has been critical to the success of many public sector projects over the firm's 19-year history. Public Involvement is called for to minimize disruptions in public projects such as adding new lanes or upgrading underground utilities in neighborhoods.

Sharon Merchant, our Project Manager, leads and manages our team. ***Cheryl Scott*** provides information, carefully listens, and documents all project events. We create and distribute collateral materials, and stakeholder information, monitor hotlines to provide immediate information, and handle public information dissemination/distribution logistics. Our team provides timely social media and website updates. Grady Ross is our man on the street. The organization holds DBE and ACDBE Certifications from the Florida Department of Transportation. Additional certifications include SWBE by Palm Beach County, Florida; SBE by South Florida Water Management District, Palm Beach County School District, and the City of West Palm Beach; CBE by Broward County, and MWBE by Broward and Dade County School Districts and the State of Florida. ***Ms. Merchant brings 30 years of public and private leadership experience*** as a Member of the Florida House of Representatives and President of The Merchant Strategy (TMS) offering clients public involvement, governmental relations, and community relations services.



Cheryl Scott is responsible for all operational processes and procedures. Her 20-plus years of administrative and management experience make her a valuable asset to TMS. Cheryl supports TMS President, Sharon Merchant, in project management by creating and maintaining project schedules and keeping the prospect pipelines up to date. She is responsible for contract administration and project management. All critically important office decisions are made with input from Cheryl.

E. Explain Proposer's ability and commitment to maintain accessibility and availability for meetings, communications, and supervision.

Our Team is committed to be available to the City and assure a successful project as stated in our "Methodology and Work Plan" section of this RFQ. We are dedicated to the highest level of technical professionalism and integrity in the delivery of our services as displayed in our Reference Forms. Our proposed Project Team will be available at the NTP. Dan Tintner, PE, will serve as Project Manager for this contract and will assure that all CPC project staff and CPC subconsultants are fully available for any circumstances that may arise for the duration of this project.



- F. Describe any significant or unique awards received or accomplishments in previous, similar projects received by the prime consultant and/or any subcontractors (Team), or by individuals within the Team.

Awards and Successful Project Achievements, our Construction Engineering & Inspection (CEI) Division continues to be acknowledged for its innovative and costs savings initiatives, delivering successful projects on time and within budget.

“Best Urban Project” and “ACAF District Pavement Award”

\$10M urban roadway grouping SR 834 (Sample Rd.)/SR 7 (441)/ SR 814/(Atlantic Avenue) is located within the municipalities of Margate, Coconut Creek, Coral Springs, and Pompano Beach

“Prudential Productivity Award” for cost savings

\$4.8M Orange Avenue project consists of shoulder widening and drainage improvements

“Prudential Productivity Award” for cost savings

This \$38M grouping SR 823 (Red Road / NW 57th Ave) grouping from W 23 ST to W 54 St., located within the City of Hialeah.

“Davis Productivity Award” for cost-saving concepts

\$19M SR 70 from Okeechobee County Line to MP 5.871

FTBA AWARD “Best in Construction - Major Bridge”

\$30M Dixie Flyover, CR 811/Dixie Highway from SR 810 to SW 18th St.

“Davis Productivity Award” for cost-saving concepts

\$21M SR 60 from 82nd Ave to 66th Ave completed 200 days ahead of schedule & within budget, achieved full bonus contractor achieved a full bonus.

FTBA AWARD “Best in Construction”

\$4.5M A1A Lauderdale By the Sea, completed early, under budget, Final Estimates submitted in 5 days without errors.

FTBA AWARD “Best in Construction”

\$6M US 27 resurfacing project, completed early, under budget, and no straightedge penalties.

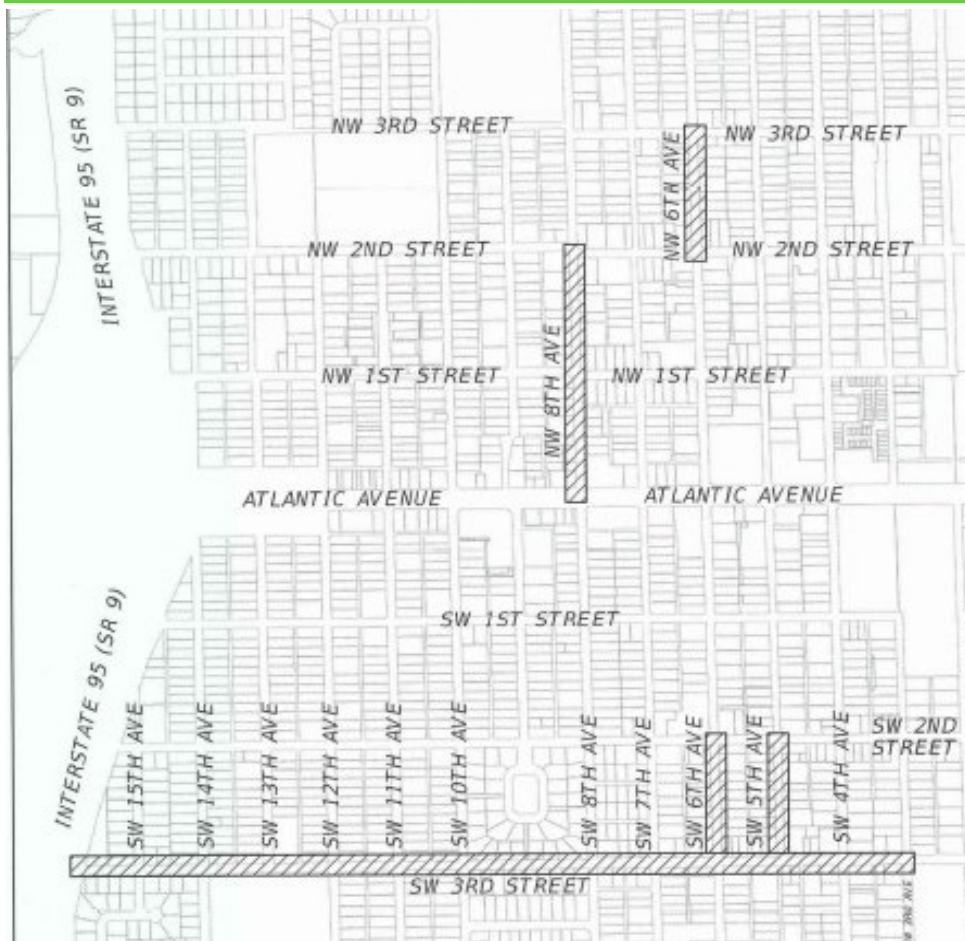
FTBA AWARD “Utility Coordination”

\$4.7M A1A from Hollywood Blvd. to Sheridan, completed early, under budget, full bonus; also completed \$6M A1A from Dania Beach Blvd. to Sheridan, completed early, full bonus.

FTBA AWARD “Best in Construction”

\$5M US1 from Hollywood to I-595, completed early

Construction, Engineering & Inspections (CEI)



City of Delray Beach CRA Sidewalks

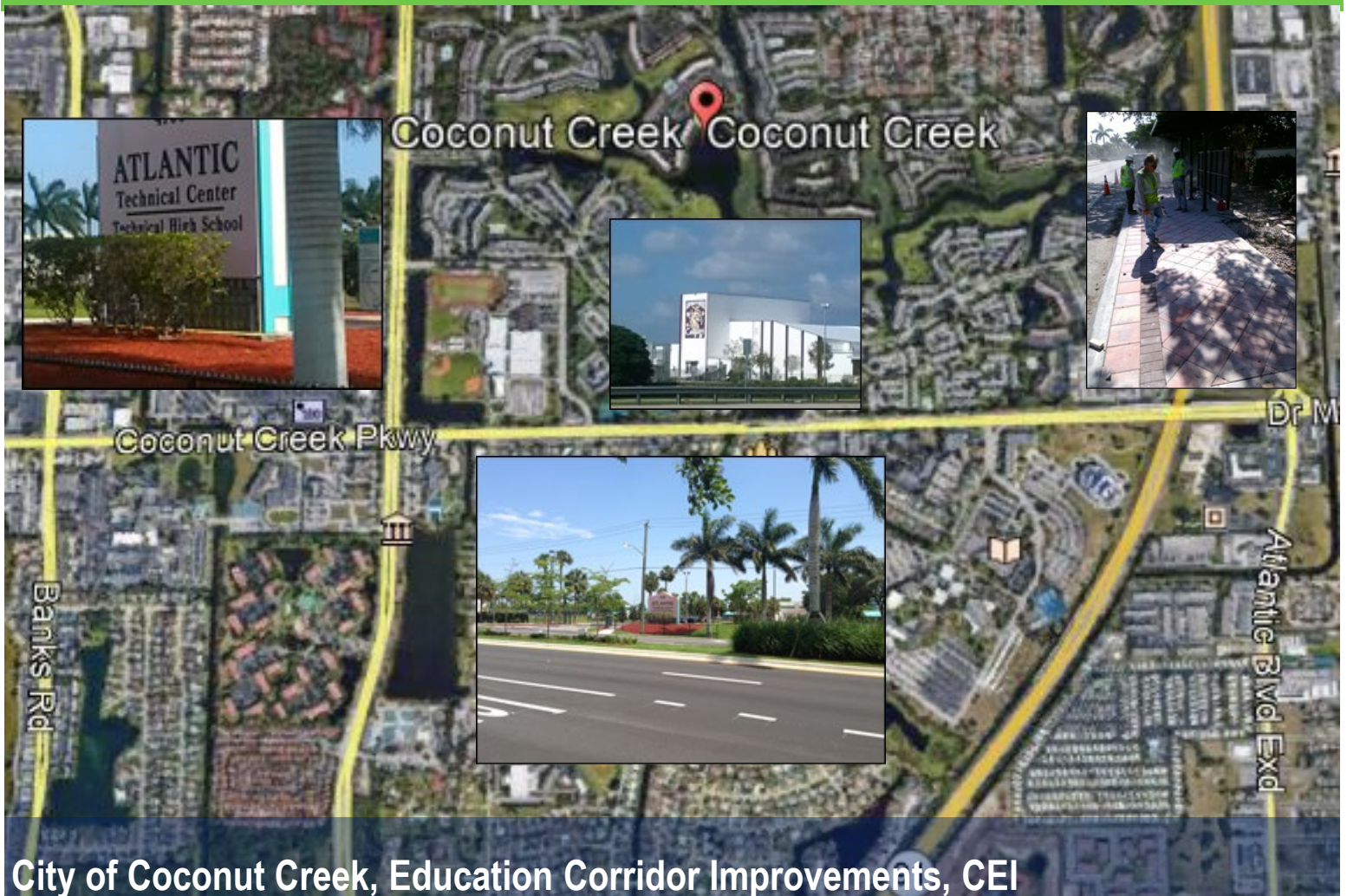
CPC is providing CEI Construction Management services for this CRA project. Making it easier for pedestrians to enjoy the city and support our local businesses is part of our recipe for success. Since walkability is so important, the CRA continually focuses on the sidewalks in our neighborhoods, with a goal to create a pedestrian-friendly network of streets with adequate sidewalks.

Streetscape improvements have been a CRA effort for several years and will continue to be a part of the redevelopment strategies in the future. Within the district, there are considerable variations in the degree of sidewalk deterioration, problems, and needs.

The project included construction of concrete sidewalks, clearing, grubbing, swale grading and sodding along the following streets; SW 3rd Street from I-95 to SW 3rd Avenue, NW 8th Avenue from Atlantic Avenue to NW 2nd Street, NW 6th Avenue from NW 3rd Street to NW 2nd Street, SW 6th Avenue from SW 2nd Street to SW 3rd Street, SW 5th Avenue from SW 2nd Street to SW 3rd Street.

FEATURED PROJECTS

Construction, Engineering & Inspections (CEI)



City of Coconut Creek, Education Corridor Improvements, CEI

CPC performed construction inspection services for this Local Agency Program (LAP) project for the City of Coconut Creek. The project included pedestrian safety upgrades, drainage improvements, swale and lighting improvements and landscaping of the Coconut Creek Parkway corridor from East of Banks Road to the west side of the Florida's Turnpike overpass. Additional work included ADA compliant sidewalk and bus shelter construction along both sides of the roadway, installation of bus benches, guardrail, underground signal interconnect installation, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and sod.

In addition, this project lies adjacent to residential, institutional, recreational and retail properties. Therefore, our primary stakeholders during construction included Central Park of Commerce Shopping Center, Atlantic Technical Center School, Dave Thomas Education Center (West campus), Hale Plaza, Coconut Creek Parkplex, Coconut Creek Senior High, Calvary Church, Coconut Creek Medical Center, Colonial Bank Plaza, Associated Builders and Contractors Plaza, and the Technical University of Miami.

FEATURED PROJECTS

Construction, Engineering & Inspections (CEI)



SR 834 Sample Rd / SR 7 US 441 / SR 814 Atlantic Blvd

This \$10M grouping consisted of three RRR projects located in the municipalities of Margate, Coconut Creek, Coral Springs and Pompano Beach. The main purpose of this project grouping was to improve the traffic operations and safety conditions for the Sample Road / SR-7 / Atlantic Blvd corridors. The scope of the projects included milling and resurfacing, widening, major signalization and lighting improvements including over 20 drill shafts and mast arms and over 32 new light pole systems, gravity wall construction with aluminum railing (over 1050 linear feet), installation of 6 highway cantilever signs, over 1000 linear feet of bridge fence installation, special bridge mounted illuminated sign (retrofit installation with special anchors attached to the existing AASHTOO beams), landscape and irrigation installation and ADA upgrades.

**This project won Florida Transportation Builders Association (FTBA) awards for
“Best Partnering Project” and “Best Urban Project”**

CPC provided FDOT District 4 with full Construction Engineering and Inspection (CEI) oversight and overall inspection of all project activities for roadway construction.

FEATURED PROJECTS

Construction, Engineering & Inspections (CEI)



Andrews Avenue Improvements

CPC provided Construction Engineering and Inspection (CEI) services to the City of Oakland Park for Andrews Avenue Improvements from Oakland Park Blvd. to Prospect Road. This is a FDOT Local Agency Participation (LAP) project. Planned improvements included landscape and irrigation in medians, installation of new bike lanes, mid-block crossings for pedestrians, upgrading existing lighting to LED, new sidewalks. This important corridor is through the center of Oakland Park is now more functional and SAFE for motorists, bicyclists and pedestrians, including wheelchairs and baby strollers.

This project was a collaboration between the Broward MPO, Broward County and the City and included:

- Removal of the dangerous bi-directional turn lane
- Installation of landscaped medians with native vegetation
- Installation of additional landscaping within the right-of-way
- New irrigation system
- Installation of bike lanes with a green surface treatment
- New mast arms
- Additional street lighting
- Sidewalk, driveway and curbing restoration
- Drainage installation and repairs
- Roadway resurfacing and striping
- Stamped asphalt intersections in select locations
- A mid-block crossing north of NW 39th Street

FEATURED PROJECTS

Construction, Engineering & Inspections (CEI)



City of Oakland Park, NW 10th Avenue Roadway Improvements

CPC provided Construction Engineering and Inspection (CEI) services to the City of Oakland Park for NW 10th Ave. from NW 38th Street to Prospect Road. This was an FDOT Local Agency Participation (LAP) project. CPC services included construction observation, certification that contractor's work was in conformance with approved plans, specifications and shop drawings, review of quantities and contractor pay requests, assisted the City in conducting EEO compliance reviews in the field and construction consultation to responding to contractor requests for information.

This project included widening, drainage improvements, guardrail, landscaping, irrigation, bike lanes, decorative street lighting, new sidewalks, road resurfacing, and driveway harmonization with commercial stakeholders. The time to construct the project was (240 days)

CPC managed the project's CEI and maintained all project documentation in ProCore and LAPIT

FEATURED PROJECTS

Construction, Engineering & Inspections (CEI)



Town of Lauderdale by the Sea, West Commercial Boulevard & SR A1A

CPC provided Construction Engineering and Inspection (CEI) services for the **West Commercial Boulevard** project drainage improvements. The project started on Commercial Boulevard from West Tradewinds Avenue, on the East side of the Causeway Bridge to East of El Mar Drive. The improvements for this project consisted of milling and resurfacing, new sidewalk construction, drainage and swale improvements for stormwater collection, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and performance turf (sod). The purpose of these improvements is to help calm down traffic along the street, making the roadway safer, more appealing and pedestrian friendly, so residents and visitors can shop and dine.

CPC was selected to perform Construction Engineering and Inspection services (CEI) for this Landscaping and Hardscaping FDOT Local Agency Program (LAP) project for the Town of Lauderdale-by-the-Sea (LBTS). This 1.3-mile project, which ran through the densely populated **SR A1A of LBTS**, consists primarily of bus stop enhancements, brick pavers, architectural features, landscaping, irrigation and crosswalk features. Additionally, a portion of this project lies within a historically rich area where know artifacts of ancient Native Americans have been discovered. The project was a Local Agency Participation (LAP) project partially funded by District IV. The CEI process was required to strictly adhere to the FDOT/FHWA Local Agency Program (LAP) Manual for Federal Aid projects.

FEATURED PROJECTS

Construction, Engineering & Inspection (CEI)



FDOT TAKES A HUGE STEP TOWARDS VISION ZERO

Krome Avenue has a long history of fatal and severe crashes. Through extensive outreach and the efforts of "Lost Lives of Krome Foundation," safety improvements included 12' travel lanes separated by a 40' grass median with lighting on both sides of the road, guardrail and a multi-use trail for walking and biking.

Krome Avenue South

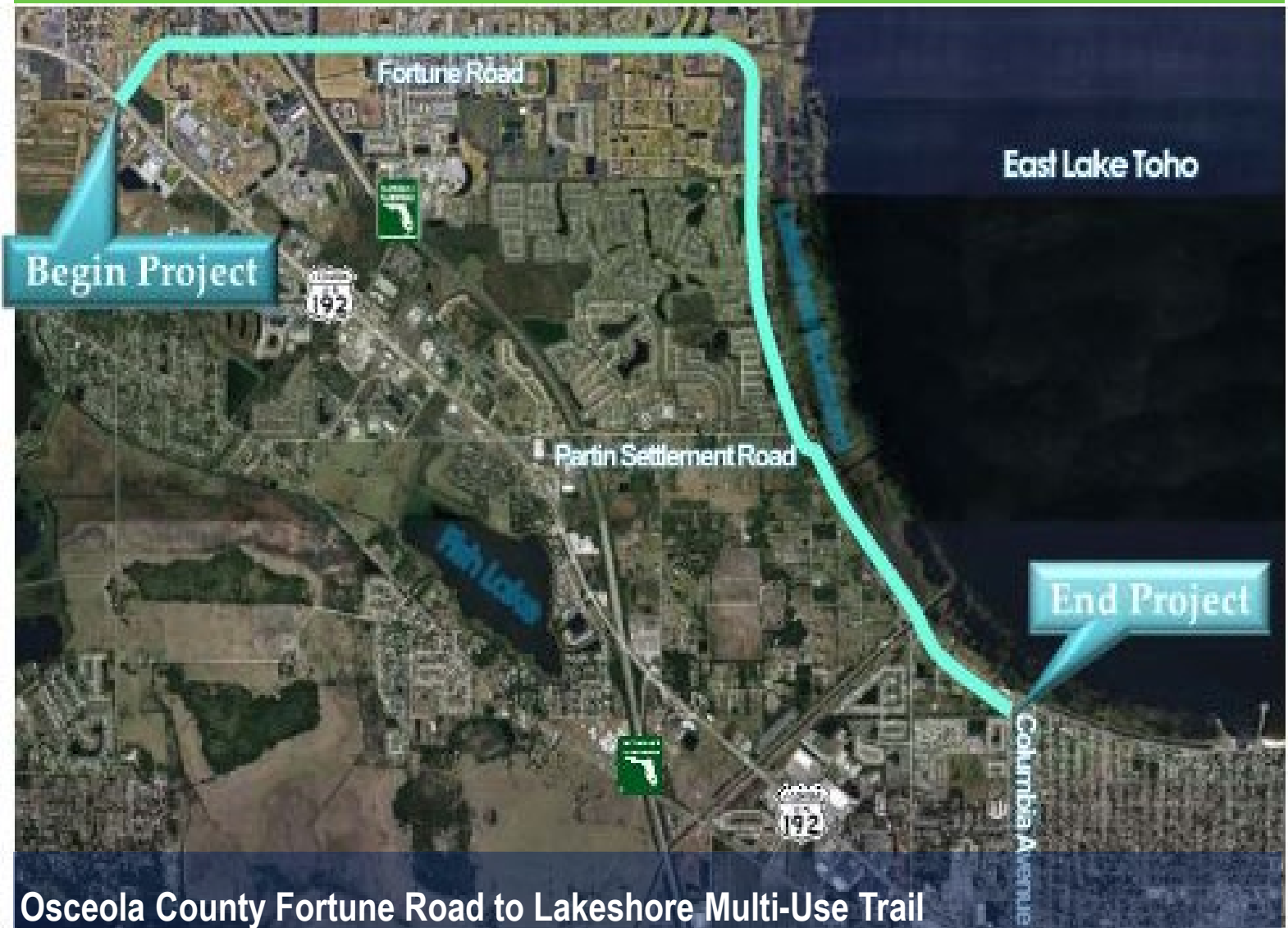
CPC provided CEI services for FDOT District 6 for this nearly seven-mile segment, from Kendall Drive to north of SW 8th Street. It included full reconstruction and new construction along Krome Avenue as well as Tamiami Trail (SW 8 St). The scope of work is to widen the corridor from a 2-lane undivided to a 4-lane divided facility, adding a travel lane in each direction, the improvements will divide the road with a median and guardrail, improve stormwater drainage, and adding over 260 new light poles, 9 mast arms and signage. The proposed typical section will provide two 12' foot lanes in each direction separated by a 40-foot grass median. Eight-foot inside shoulders (two-feet paved) and 12-foot outside shoulders (five-foot paved for bike lanes) are provided for both bounds. Also, a 10-foot, shared-use, paved path will be built on the east side of the road. Included in the scope of work is the widening of Bridge No: 870974 located just north of SW 8th Street on Krome Avenue. It included existing bridge deck demolition, pile driving activities, concrete bent and deck widening, barrier wall and pedestrian railing, asphalt overlay, polymer plugs at intermediate bent joints, articulated block mats, removal of existing bulkhead wall and installation of new sheet pile bulkhead wall.

***This project won a Florida Transportation Builders Association award for
"2019 Major Outstanding Project"***

Client Contact: FDOT D6, 1000 NW 111th Ave, Miami, FL 33172, Jacqueline Sequeira, FDOT PM, Phone: (305) 986-2551 Email: Jacqueline.Sequeira@dot.state.fl.us

CPC's work for the client was completed in 2017, and was delivered within budget and schedule.

Construction Engineering & Inspection (CEI)



Osceola County Fortune Road to Lakeshore Multi-Use Trail

The \$9M project consists of the construction of a 10-foot wide multi-use trail that will run along Fortune Road/East Lakeshore Boulevard from the intersection of U.S. Highway 192 to the existing City of St. Cloud Lakefront Regionally Significant Trail, just west of the intersection at East Lakeshore Boulevard and Columbia Avenue. The total project length is approximately 7 miles. The project will include new trail construction, removal of existing sidewalk, a pedestrian bridge over the St. Cloud Canal and drainage improvements to include construction of ditches and storm drains, intersection improvements at signalized intersections (U.S. 192, Shake Rag Road, Bill Beck Boulevard, Lakeside Drive, and Partin Settlement Road), and improvements to pedestrian crossings at non-signalized intersections to ensure safety of multiple users and connectivity to a larger pedestrian network. The work is a Federal-aid funded project through the Florida Department of Transportation (FDOT) Local Agency Program (LAP). Existing crosswalks will be restriped at 11 locations where the trail crosses a side street. Five new crosswalks will be added along Fortune Road and Lakeshore Boulevard. The new pedestrian bridge over the C-31 Canal will be 145 feet long and 10 feet wide, with 40-45 foot-long ramps on either end and guardrails along both the bridge and the ramps.

FEATURED PROJECTS

Construction Engineering & Inspection (CEI)



SR-710/SW Warfield Blvd East of SR-76 to the PBC/Martin CL

This \$28M project involves the 5-mile reconstruction of a principal rural arterial from Palm Beach county line to SR76, from a 2-lane undivided roadway to a 4-lane divided roadway. SR710's design will utilize a Plain Cement Pavement (PCP) design: 10" PCP over a 4" asphalt base with adjoining edge-drains and paved asphalt shoulders. Additional improvements for this project will include extensive drainage upgrades, subsoil excavation, construction of a new box culvert with 1000' of MSE walls. The project is located within a highly sensitive environmental area with numerous wetlands and wildlife.

The improvements under this contract consist of reconstructing State Road 710 to a 4-lane divided roadway with a 40-foot sodded median, concrete pavement, installing a new drainage system, and constructing a new wildlife crossing west of Martin / Palm Beach County Line.

Client Contact: Chad Rucks, FDOT PM (772) 321-9025

FEATURED PROJECTS

RFQ NO 2023-041
**CEI Services for N. Swinton Avenue, Roadway &
Underground Utility Improvements**



CITY OF DELRAY BEACH
JASON KAUFMAN, PE



**QUALITY ASSURANCE
QUALITY CONTROL**

JOHN HART, PE

**PROJECT MANAGER /
SENIOR PROJECT ENGINEER**

DAN TINTNER, PE

**PRINCIPAL-IN-
CHARGE**

GREG PROCTOR, PE

**CONSTRUCTION
ADMINISTRATION**

HERB TILLMAN, CGC

**PROJECT
ADMINISTRATOR/CSS**

ROBERT AUDETTE

**RESIDENT COMPLIANCE
SPECIALIST**

WINNIE WILSON

**SENIOR
INSPECTORS**

**DAVID SANDUSKY
MOHAMMED FARHADTOOSKI**

**SURVEYING
SERVICES**

**LANDON CROSS, PSM
JEREMY JONES**

**INSPECTION/
UTILITY COORDINATION**

OMEL RAMIREZ

**PUBLIC
OUTREACH**

THE MERCHANT STRATEGY*
**SHARON MERCHANT
CHERYL SCOTT**

**LANDSCAPE INSPECTION/
ARBORIST**

ECS GROUP*
MARISA MAGRINO, ISA, LIAF

MWBE* Consultants



Environmental
Consulting
Services Group



Experience

39 Years Total

Education

B.S. Civil Engineering
University of Florida,
1980

MBA, University of
Houston, 1986

Leadership Training:
ACEC Senior Executive
Institute

Registration

Registered Professional
Engineer - Florida
39656

Organizations

American Society of Civil
Engineers (ASCE)

Florida Section ASCE
President 2003-2004

Broward Branch ASCE
President 1997-1998

Florida Engineer Society

National Society of
Professional Engineers

Certifications

CTQP:
TIN # T353161561760

MOT-Advance Work Zone
Traffic Control

CTQP-QC Manager

CTQP-Final Estimates
Level 1 and Level 2

CTQP-Asphalt Paving
Inspector Level 1 and 2

FDEP Stormwater
Inspector

Mr. Tintner brings over 39 years of broad experience as a Professional Engineer managing South Florida Transportation, Roadway, Site Development, and Neighborhood Improvement Projects, with a proven track record for successful public-sector client and stakeholder relations and negotiations. His responsibility has included managing roadway and transportation design projects, utility and infrastructure projects, sanitary sewer rehabilitation studies, pump station evaluation studies, downtown redevelopment studies, and stormwater management studies.

City of Delray Beach, CRA Sidewalk Projects: CPC is providing CEI Construction Management services for this CRA project. The project includes the construction of concrete sidewalks, clearing, grubbing, swale grading, and sodding along the following streets; SW 3rd Street from I-95 to SW 3rd Avenue, NW 8th Avenue from Atlantic Avenue to NW 2nd Street, NW 6th Avenue from NW 3rd Street to NW 2nd Street, SW 6th Avenue from SW 2nd Street to SW 3rd Street, SW 5th Avenue from SW 2nd Street to SW 3rd Street. Reference: Begonia Krane, Project Manager, 561.243.7299

City of Oakland Park, Andrews Avenue Roadway Improvements from Oakland Park to Prospect Road: CPC is provided Construction Engineering and Inspection (CEI) services for the Andrews Avenue from Oakland Park to Prospect Road Local Agency Participation (LAP) project. Planned improvements included: landscape and irrigate medians, installation of new bike lanes, mid-block crossings for pedestrians, upgrading existing lighting to LED, and new sidewalks in coordination with the County. Reference: Lori Dourvis, Project Manager, 954.630.4479

City of Oakland Park, NW 10th Avenue from NW 38th Street to Prospect Road: Senior Roadway Inspector, City of Oakland Park, NW 10th Avenue Roadway Improvements from Park Lane to Prospect Road: CPC provided Construction Engineering and Inspection (CEI) services for the NW 10th Avenue from Park Lane to Prospect Road Local Agency Participation (LAP) project. Roadway and safety improvements included widening, drainage improvements, guardrail, landscape, and irrigation installation, shared bike lanes, street lighting, new sidewalks, road resurfacing, and driveway harmonizing with commercial stakeholders. Reference: Brynt Johnson, Assistant Director of Engineering Services (954) 630-4343

City of Coconut Creek, Education Corridor, Coconut Creek Parkway, East of Banks Rd to West of Turnpike Overpass: CPC is providing Construction Management services for this LAP project. The main purpose of this project is for drainage improvements, swale, and lighting improvements landscape beautification as well as ADA, of the Coconut Creek Parkway corridor from East of Banks to the West side of Florida's Turnpike overpass. Additional work includes sidewalk construction along both sides of the roadway, installation of bus shelters and bus benches, guardrail installation, underground signal interconnect installation, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and performance turf (sod). Reference: Osama Elshami, Director of Utilities and Engineering Department, 954.973.6786

Town of Lauderdale by the Sea, Commercial Boulevard Drainage Improvements: Provided CEI Construction Management services for this Town/FDOT JPA project. The main purpose is for drainage and landscaping improvements, swale and lighting improvements of Commercial Boulevard from West Tradewinds Avenue on the East side of the Causeway Bridge to East of El Mar Dr. The improvements for the project consist of milling and resurfacing, sidewalk construction, drainage and swale improvements for stormwater collection, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and performance turf (sod). Reference: Albert Carbon, Project Manager, 954.292.5075

City of Dania Beach LAP Multimodal Enhancements, Transportation Alternative Project (TAP), The project proposes multimodal enhancements in the South-East, North-West, and North-East areas located within the City of Dania Beach. CPC will perform Engineering & Design, Surveying, and Mapping Services. CPC has been contracted by the City to engineer the design of the improvements, which include enhanced crosswalks, curbing, concrete sidewalks, raised intersections, and flashing solar-powered LED traffic signs at the project locations.

Reference: Ronnie Navarro, Deputy Director/City Engineer, 954.924.6808

Seminole Tribe of Florida: Lakeland Reservation Infrastructure Development Phase 1: Senior Project Manager for this new Seminole Indian Reservation located within the Lakeland Trust Land in Polk County. The project is over approximately 800 acres in size, with 147 proposed single-family 1.0-acre lots. The scope of services includes the stormwater master plan, construction, and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, and water and wastewater infrastructure improvements for the project.

City of Margate, Winfield Park & Lemon Tree Lake Park, Floating Docks & Wayfinding: As part of our continuing engineering services contract with the City of Margate, CPC was tasked with preparing the surveys and civil engineering design for the installation of Floating Docks, ADA sidewalk improvements, and pedestrian-friendly park access at the City's Winfield Park and Lemon Tree Park. The design included a dock support piling system, parking area, pavement markings, and signage for on-street parking. CPC coordinated with a structural engineer and general contractor to confirm the design and weight support for the docks. CPC was also tasked with improving the wayfinding signage for boat access to canals that run throughout the city and connect to multiple city parks. This led to the design of the Margate Blueway Trail Signage Map, which includes 12 physical signs posted at key points in city canals.

Spring Valley: A 587-acre residential community in Pembroke Pines, which included the design of a 35-acre nature center and freshwater wetland mitigation park for passive public utilization. Services provided included: complete engineering design and permitting; planning assistance; plat amendment; vacations of rights-of-way and underlying easements; dredge and fill permitting, master planning and conceptual design of the park. Also included was a detailed mitigation plan for 63 acres of on-site mitigation and the transfer of 62 acres of mitigation to the Florida Wetlands Bank; negotiation of permits for Broward County Department of Planning and Environment Protection, South Florida Water Management District, and U.S. Army Corps of Engineers.

North Andrews Gardens Neighborhood Improvement Project: A 730-acre community, containing approximately 30 miles of roadway, located in unincorporated Broward County. Services provided in the first phase of the project included: A Basis of Design Report (BODR) that evaluated the existing conditions and recommended engineering and landscape architecture solutions. The design and construction administration portions of the project include the design, and modeling of the water distribution system, sanitary sewer transmission system, and stormwater system, construction/contract administration and public information, permitting of the water, sanitary sewer, drainage, and roadway improvements, preparation of bidding documents, as well as the design of landscaping, irrigation, and entry sign features for the neighborhood. Services provided by Miller Legg also include control surveys for aerial photography-tied United States geological survey (USGS) monumentation, right-of-way surveys, topographic surveys, South Florida Water Management District and Broward County Department of Urban Planning and Redevelopment surface water permitting, Florida Department of Transportation permitting and design of traffic calming elements. Miller Legg assisted Broward County in obtaining approval for \$4 million in grants from the Federal Emergency Management Agency (FEMA) for the drainage improvement portion of the project.

North County Neighborhood Improvement Project: A 2,900-acre project located in unincorporated Broward County that consists of water, sewer, drainage, urban and rural roadway pavement, and landscaping services. The project first included a Basis of Design Report (BODR) for the entire 2,900 acres that evaluated the existing conditions and provided recommendations for improvements and actual project design and administration of construction. This 20-year project involves stormwater, water, and sewer system modeling, permitting and design of the water, sewer, drainage, and roadway improvements, public awareness, preparation of contract and bid documents, field monitoring, surveying, landscaping designs, and entrance feature designs. Surveying services for this project included: horizontal and vertical global positioning systems (GPS) control networks for aerial photography, research, and field surveys to establish approximately 105 miles of existing rights-of-way and horizontal and vertical locations of existing improvements within the rights-of-way. During the contract administration of the southeast quadrant of the project, the County has allowed Miller Legg to complete the construction of this portion on a fast-track schedule.

CTQP Training History Report

Report for: dan tintner

TIN: T53516156

Report Date: 05/09/2023

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving - Level 1	3002486	04/14/2021	04/14/2026
Asphalt Paving - Level 2	3002485	04/14/2021	04/14/2026
Final Estimates - Level 1	3003700	06/02/2021	06/02/2026
Final Estimates - Level 2	3003699	06/02/2021	06/02/2026
QC Manager	N/A	04/14/2016	01/01/2099

Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Asphalt Paving - Level 1	N/A	02/01/2016	04/14/2021
Asphalt Paving - Level 2	N/A	04/14/2016	04/14/2021
Final Estimates - Level 1	N/A	04/07/2016	06/02/2021
Final Estimates - Level 2	N/A	06/02/2016	06/02/2021

Experience

34 Years Total

Education

B.S. Civil Engineering
University of Florida, 1990

Registrations

Professional Engineer:
State of Florida # 49476

Certifications

CTQP:
TIN H630461642100

QC Manager

MOT - Advance Work
Zone Traffic Control

Final Estimates
Preparation (FDOT)

WZTC Level 2 Traffic
Safety Certification
#ZZ23920

Nuclear Surface Moisture
Density #903

NPDES Stormwater

Traffic Control Plan Design

Long Range Estimates

PCP Concrete Pavement

MSE Wall Inspection

Project Engineers School

DCE Critical Structures
Course

John's 34 years of experience reflect a proven track record on CEI projects. During the last 12 years in TCOPS, his SR 60 project was completed 200+ days ahead of schedule (returning \$750,000 of unused CEI funds), was awarded a Davis Award for a \$250,000 cost savings proposal, had an error-free FE package, and achieved MC five days before FA. Following that project, he completed SR70 67 days ahead of schedule (returning \$190K unused CEI funds), was also awarded Davis Productivity Award for a \$60K cost savings proposal, was awarded an AP Bolton award for asphalt paving, had an error-free FE package and achieved MC six days before FA. Most recently his SR710 project was completed almost 200 days ahead of schedule, has been nominated for an FTBA, and had a perfect Final Estimate. Before moving to the Treasure Coast John managed a 5-year Residency Contract in District 6 as the CEI Resident Engineer, where his team completed over 100 roadway and bridge projects (>\$150 mill construction). Four of John's recent projects earned FTBA awards.

Senior Project Engineer, FDOT District 4: CEI Services for SR 714 from Martin Downs to Citrus Blvd., Martin County, Florida, FIN # 436870-1-62-01 (July 2021 – Present): This \$21 million project, SR714, involved the full reconstruction of West Martin Highway between Citrus Boulevard/ SW 48th Avenue and SW Martin Downs Boulevard from a 2-lane undivided rural roadway to a 4-lane divided urban roadway and shifting the alignment 30 feet to the south to mitigate drainage and driveway slope impacts. The project scope included the reconstruction of the existing 198' long-existing bridge structure over the Turnpike to a new width of 103' (from 67') to increase capacity where the traffic presently bottle-necks. Additionally, SW Leighton Farms Road was also realigned further west to line up with SW Deggeller Court to create a 4-legged intersection. Further improvements included a new closed-drainage system with a wet treatment pond along with signing, signalization, and lighting upgrades. The final roadway typical section was four 11-foot travel lanes with a raised 22' median, two 7-foot bike lanes, and 6' concrete sidewalks on both sides.

Reference: KC Jose, FDOT PM (772) 519-2348

Senior Project Engineer, FDOT District 4: CEI Services for US 1/State Road (SR) 5 Shoulder Widening and Resurfacing Project from Heritage to Salerno Road Martin County Line. FIN # 437838-1-52-01 (September 2019 – June 2021): This \$8.4 Mill project involved the 3-mile widening and resurfacing of a heavily traveled urban arterial corridor from Heritage to Salerno Rd in Stuart. The US1 project made corrections to extensive settlement at the major intersections of Heritage and Salerno Roads by utilizing a polyurethane soil stabilization in conjunction with an inversion pipe-liner and full roadway base reconstruction with geogrid. Other improvements on this project included lighting, signalization, milling and resurfacing, and widening to accommodate a new 7' bike lane. This project was a highly intensive Maintenance of Traffic project which involved extensive closures, detours, and nighttime work.

Reference: Tim Thomas, FDOT PM (772) 349-8032

Senior Project Engineer, FDOT District 4, CEI Services for SR-710/SW Warfield Blvd from East of SR-76 to the Palm Beach/Martin County Line. FIN # 432705-1-62-01 (February 2017 – September 2019): This \$28M project involves the 5-mile reconstruction of a principal rural arterial from Palm Beach county line to SR76, from a 2-lane undivided roadway to a 4-lane divided roadway. SR710's design will utilize a Plain Cement Pavement (PCP) design: 10" PCP over a 4" asphalt base with adjoining edge drains and paved asphalt shoulders. Additional improvements for this project will include extensive drainage upgrades, subsoil excavation, and construction of a new box culvert with 1000' of MSE walls. The project is located within a highly sensitive environmental area with numerous wetlands and wildlife. Reference: Chad Rucks, FDOT PM (772) 321-9025

Senior Project Engineer, FDOT District 4: SR-70 Okeechobee Rd. from 900' West of Jenkins Rd. to 2000' East of Jenkins Rd., FIN #: 42898416201 (April 2015 – February 2017): This rural project, centrally located within a highly congested section of SR-70, features improvements intended to increase the capacity of the SR-70 corridor in Fort Pierce at a critical juncture to both I-95 and the Florida Turnpike. The scope of work includes the widening of SR-70 to provide four through lanes, right-turn lanes for both approaches of SR-70, dual left-turn lanes on SR-70 eastbound, and a single left-turn lane on SR-70 westbound. Project features include the construction of a 36" outfall with a wet detention pond, a box culvert extension, installation of dual 60" NSLRWCD culverts, installation of 2 large conflict structures (separating FDOT & NSLRWCD storm-water), construction of a 16' deep sheet pile wall at the perimeter of the NSLRWCD canal, lighting and signalization upgrades and landscaping.

Reference: John Spivey, FDOT PM (772) 216-4273

Senior Project Engineer, FDOT District 4: S.R. 9/I-95 from North of CR-708 to South of High Meadow Road, Martin County, FIN # 42973716201 (September 2014 – May 2016): This \$10M project involves the installation of new highway lighting along both sides of the I-95 corridor. Bridgework included the minor demolition (deck and railing) to support eight new, bridge-mounted, lighting pedestal foundations. The proposed lighting system will consist of 201 new aluminum poles (standard 50') with 400-watt, high-pressure, sodium luminaires. The lighting system was fed through a series of four service points with 16 separate circuits.

Reference: Kandarappallil Jose, PE, FDOT P.M. 772-519-2348.

Senior Project Engineer, FDOT District 4: S.R. 70 from Okeechobee County Line to MP 5.871 FIN # 230262-2-62-01 (December 2010 – October 2014): This \$19 million project involves the reconstruction of 6 miles of S.R. 70 to a 4-lane divided roadway. The scope of the project includes extensive earthwork (1.5 mill cy), drainage, excavation of a SFWMD canal, and fabric form canal lining. The project was completed 67 days ahead of schedule, achieved material certification in -6 days, and was awarded both a Davis Productivity Award and an AP Bolton Asphalt Paving Award.

Reference: Chloann Lawrence, P.E., FDOT P.M. 772-201-7907

Senior Project Engineer, FDOT District 4: S.R. 60 from 82nd Ave. to 66th Ave., FIN # 228627-1-62-01 (April 2008 – December 2010): This \$18 million project involved the reconstruction of the roadway from a 4-lane divided section to a 6-lane divided section of SR 60 in Indian River County. The scope of work on this project involved the construction of 2 large retention ponds (15 acres & 9 acres), extensive drainage upgrades including the piping of the IRFWMD canal with 82" RCP, signalization, and lighting upgrades, and decorative landscaping.

Reference: Dale Walker, FDOT P.M. 772-201-8518

Senior Project Engineer, FDOT District 4: Dania Beach Blvd. from U.S. 1 to Cambridge Ocean Drive (SRA1A) from Cambridge to Sheridan St. (April 2007 – December 2008): This project group involves widening, reconstruction, milling & resurfacing, drainage, lighting, signalization, and landscaping. This project was awarded an FTBA Best in Construction Award.

Reference: Maria Connolly, FDOT P.M. 954-776-4300

Resident Engineer, FDOT District 6: CEI Residency (February 2002 – April 2007): Management of a 5-yr Consultant CEI Residency contract consisting of multiple simultaneous FDOT construction projects in Miami-Dade County. During this contract over 100 projects were completed. John served as Resident Engineer and reported directly to the DCE and managed D-6 work program through the CEI organization. John oversaw and certified all projects while running several high-profile projects directly. Some of John's notable projects included: (1) the Verona Bridge Reconstruction in Golden Beach which included the complete reconstruction/replacement of a new bridge. This project included 2 JPAs and a VECP; (2) I-95 Concrete Pavement restoration project at 79th St which included slab replacement with dowels and tie bars (3) 79th Street bascule project that includes replacement of both leafs, new motors, full electrical, sub cable replacement, painting.

Reference: FDOT Project Manager Rudy Garcia 305-216-4961; 305-986-2551, Mark Croft, 305-216-4959

Senior Project Engineer, FDOT District 4: SR A1A, Commercial Boulevard (February 2001 – January 2002): This two-mile, reconstruction project involves widening, reconstruction, milling & resurfacing, drainage, lighting, signalization, paver brick crosswalks, and landscaping. John's project administration in this densely populated residential / business corridor has involved aggressive public involvement and exhaustive municipal coordination. His proactive problem-solving management style was directly responsible for this project being completed ahead of schedule. **The project was awarded an FTBA Best in Construction Award.**

Reference: A. El-Halwagy, Resident Engineer 954-958-7632

CTQP Training History Report

Report for: John Hart

TIN: H63046164

Report Date: 05/09/2023

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
QC Manager	N/A	10/21/2010	01/01/2099

Experience	
37 Years	
Education	
B.A. English Literature	
University of Miami	
Registrations	
General Contractor License	
State of Florida # 036001 (Active)	
Certifications	
CTQP: TIN T45532752	
QC Manager	
Final Estimates Level 1 & 2	
Asphalt Paving Level 1 & 2	
Earthwork Construction Inspection, Level 1 & 2	
Advanced (TTC/MOT) Temporary Traffic Control	
Nuclear Radiation Safety Certificate	
Hazmat	
Areas of Expertise	
<ul style="list-style-type: none"> ♦ Acquisition ♦ Entitlements ♦ Design Direction ♦ Budgeting & Forecasting ♦ Scheduling ♦ Construction Management ♦ Cost Control and Risk Management ♦ Luxury Multi-Family Hi-Rise ♦ Commercial & Industrial ♦ Environmental Remediation ♦ Landfill Closure ♦ Underground Utility ♦ Road & Highway ♦ Infrastructure Development ♦ General Land Development 	

Mr. Tillman is a successful professional with extensive experience managing construction and development projects. He has managed over \$3 Billion worth of projects through all phases of the construction and development process. His experience includes full-service operations and project management, including acquisition, due diligence, entitlements, planning, design, land development, vertical construction, and product delivery.

City of Delray Beach Memorial Gardens Mausoleum Expansion: The Parks and Recreation department oversees the Delray Beach Memorial Gardens Municipal Cemetery and administers the purchasing of cemetery plots, interments, and perpetual care of 38.7 acres. The Cemetery is located at 700 SW 8th Avenue in Delray Beach. A new Mausoleum at the Cemetery will allow for additional grave space and niche burials. The City would like to expand the municipal Memorial Gardens Mausoleum by demolishing & removing the existing restroom & storage building. They are purchasing & installing prefabricated restrooms and building in their place. CPC is a professional service provider for the City of Delray Beach under a continuing services contract and was awarded this contract. Responsibilities include reviewing and providing comments on and approval of all shop drawings, submittals, and Requests for Information (RFI) from the City's selected Contractor (GC). CPC attended the City Kick-off meeting with the Contractor and attends the Construction Progress meetings with both the City and Contractor. CPC currently performs construction inspections that include both field inspections and final inspections, punch list items, permit close-out documents, and letters of substantial completion to the City. The scope of work includes CPC performing surveying services including topographic and GPR locations, subsurface utility and engineering (SUE) services, geotechnical investigation & soils report, construction administrative services, and construction inspections.

City of Delray Beach Currie Commons Park: CPC is a professional service provider for the City of Delray Beach under a continuing services contract. The City of Delray Beach would like to demolish & remove the existing Facilities Restroom & Storage Building located at 700 SE 2nd Ave in Delray Beach. They will purchase & install a new Prefabricated Restrooms Building in its place. The scope of work includes CPC performing surveying services including topographic and GPR locations, subsurface utility and engineering (SUE) services, geotechnical investigation & soils report and construction administrative services, and construction inspection services. CPC was awarded this contract and has responsibilities for scheduling and attending a City Kick-off meeting with City and the Contractor to determine program needs for the new facility and comments on the design deliverables and attending the Construction Progress meetings with both the City and Contractor. CPC performs the Site inspections and Final Inspections, Punch List, permit close-out documents, and letter of substantial completion to the City. Construction administration includes reviewing and providing comments on and approval of all shop drawings, submittals, and Requests for Information (RFI) from the City's selected Contractor (GC). CPC will also provide construction inspections.

NASA Mobile Launcher (ML2) Design Build Phase, Project Manager & QA/QC Lead: CPC is providing Survey & Precision Metrology as a subconsultant to Bechtel National, Inc., (BNI). BNI is the Design-Build prime contractor for NASA selected to build the approximately 355-foot-tall, 11.3-million-pound structure. The project is aligned to support the first launch of Block 1B, scheduled for Artemis IV. The ML2 structural design will incorporate many lessons learned and modifications from ML1. Although the SLS Block 1B will be about 40 feet taller, the ML2 tower is only planned to be about seven feet taller than ML1. The major differences between the flight vehicle and ML towers are located above the Core Stage Forward Skirt Umbilical. The ML2 base's backbone, or truss structure, has been redesigned to support the larger, more powerful rocket.

City of Margate, Q Hut Replacement Project, Project Manager: CPC is a professional services provider for the City of Margate and was selected to oversee this project. CPC is directing &

coordinating all aspects including the Architecture, Mechanical Electrical, and Plumbing (MEP), Civil Design, and Construction Management Services for the Q Hut which is a prefabricated steel structure. This project includes the complete replacement of an existing Public Works Department Storage & Maintenance Facility which has recently been deemed to have reached the end of its useful life.

City of Margate, Complete Streets Roadway Reconstruction of NW 8th Street from NW 67th Avenue to NW 69th Avenue, Project Manager: Under our Continuing Professional Services Contract with the City of Margate, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8th Street between NW 67th Avenue to NW 69th Avenue. This Complete Streets reconstruction includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves, and fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders, and other legal requirements of public authorities having jurisdiction.

Seminole Tribe of Florida (STOF) Brighton Reservation Flowing Well Home Inspection Services, Project Administrator: This Project is located on the Brighton Indian Reservation and includes land development activities for the Flowing Well Housing Development project. The project scope of work includes land development and associated facilities required for 30 single-family Tribal members (1 acre) and 40 single-family rentals (0.25 acre) homesites. CPC is providing Quality Control Home Construction Inspections Services for this project observing the General Contractor's construction and reporting the observed quality of the product to the Owner's (STOF) Construction Manager.

Seminole Tribe of Florida (STOF) Brighton Reservation Immersion School Post Design Services, Construction Manager: The Project is located on the Brighton Seminole Indian Reservation - Pemayetv Emahakv Charter School, 100 East Harney Pond Road, Okeechobee, Florida. As an extension of the existing campus, the project scope included the design of a new 20,000 S.F. +/- building to house the school's Cultural and Immersion Program with a new 34-space parking lot and on-site access road, and a 4850 S.F. +/- expansion to the existing cafeteria building. CPC is providing Civil Engineering Design & Construction Administration as a subconsultant to the Owner's (STOF) Architect.

City of Deerfield Beach, SE 15th Avenue Bridge Replacement Traffic Analysis, Project Manager & Constructability Consultant: CPC was retained as the Engineer of Record to perform a traffic impact analysis to evaluate the impact of various alternatives related to two bridges over inland waterways in Deerfield Beach, one on SE 15th Avenue and the other on SE 13th Avenue. The existing bridges are functionally deficient in that they have exceeded their useful life and have weight limit restrictions imposed by recent FDOT inspections. The traffic analysis included the impact to travel time to nearby residents if the bridge is eliminated. Impact on property values by eliminating the bridge and improving the navigability of the existing canal. Level of service and operational analysis of the surrounding transportation system. Analysis and production of Engineer's Opinion of Probable Construction Costs for Construction of elevated bridge vs. pedestrian bridge.

City of Deerfield Beach, CRA, N. Ocean Drive (A1A) S-Curve Streetscape Improvements, Construction Manager and Constructability Consultant: CPC is providing civil engineering and surveying services to the Deerfield Beach, CRA to design, permit and provide bidding assistance to the City for its streetscape improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Drive (A1A) and NE 2nd Street to N. Ocean Drive and NE 4th Court. The goals of the CRA include upgrading to turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines to provide cost-effective design, coordination, and construction services for the undergrounding of overhead utilities and to upgrade the sidewalks and walkways to the City specified brick paver design reflected in other improvements throughout the City.

City of Margate, Winfield, and Lemon Tree Parks Improvements, Construction Manager: Mr. Tillman worked with CPC's Engineer of Record for the implementation of ADA-Compliant Floating Dock systems, sidewalks, and pedestrian park access. The design included new docks and support piling system, parking, and pavement marking. A Blueway Trail water pathway signage was also included in the Winfield Project.

City of Margate, Winfield Blvd and Roadway Improvements, Construction Manager and Constructability Consultant: Mr. Tillman worked with CPC's Engineer of Record to the City of Margate for the design, and development of its designated Surtax Projects.

CTQP Training History Report

Report for: Herb Tillman

TIN: T45532752

Report Date: 05/09/2023

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving - Level 1	2007139	11/30/2020	11/30/2025
Asphalt Paving - Level 2	2007236	12/03/2020	12/03/2025
Earthwork Construction Inspection - Level 1	2007350	12/08/2020	12/08/2025
Earthwork Construction Inspection - Level 2	2007334	12/10/2020	12/10/2025
Final Estimates - Level 1	3015191	08/31/2027	09/13/2027
Final Estimates - Level 1	3014995	08/31/2022	08/31/2027
Final Estimates - Level 2	3015190	09/13/2022	09/13/2027
QC Manager	3014662	08/23/2022	01/01/2099

Experience

Over 25 Years

Education

**B.S. Civil Engineering,
Structures & Construction
Ecole Polytechnique
(University of Montréal), 1994**

**Pre-stressed Concrete
Graduate Course - McGill
University, 1994**

Certifications

**CTQP:
TIN: A33076767**

**Asphalt Paving Technician
Level 1 & 2**

**Final Estimates
Level 1 & 2**

**Earthwork
Level 1 & 2**

QC Manager

**FDOT Advanced Work Zone
Traffic Control**

ASBI Grout Training (2004)

**FDOT Critical Structures
Construction Issues**

Registrations

**Professional Engineer:
State of Florida # 61270**

Robert has over 25 years of experience in the construction industry. He has worked on various projects with Florida Department of Transportation (FDOT) and Local Agency Participation (LAP) projects for local agencies. Robert has a considerable amount of roadway and bridge construction and rehabilitation project experience. Robert's experience includes structural design, specialty inspection of steel, precast, and segmental bridges and CEI work for the FDOT.

Sr. Project Engineer / PA Barfield Hwy, City of Pahokee US-98 East of 7th St. to East of Main St. FIN 442030-154-01 (May 2021 – Present): CEI services for construction of roadway, curb and gutter, sidewalk, and underground storm drain systems. It also includes water and sewer construction for Palm Beach County. PVC line extension, DIP installation and 12" water main. Water and sewer removal. Robert oversees the CEI team and overall project management.

Reference: Pahokee City Manager, Jongelene Adams, (561) 924-5534 ext 2000

Sr. Project Engineer / PA State Road 80/Forest Hill Intersection, FDOT D4 PBOps FIN 436307-1-52-01 T4494 (Oct 2019 – Apr 2021): CEI services for intersection improvements, including Roadway and Bridge Widening: Drainage, Milling and Resurfacing, Sidewalks, Curbs Lighting, Signalization, ITS, Signing and Pavement Markings, Gravity Wall, Force Main, Landscape and Irrigation, Bridge Piles and post tensioning of prestressed slabs units. Robert oversaw the CEI team and overall project management as sub to H. Rodriguez Consulting Engineering Inc.

Reference: Prime Consultant HRODcei, Hector Fung: (786) 273-7346

Sr. Project Engineer / PA, FDOT D4 TCops, US-1 Midway to Edwards FIN 428728-1-52-01 T4467 (Dec 2017 – Oct. 2019): CEI services for RRR of US 1 from Edwards Rd. to Midway in Fort Pierce. Milling Resurfacing and Overbuild of US1. Drainage rehabilitation using pipe liners and swale reconfiguration, Signal and Sidewalk improvements for new ADA ramps, Driveway turnout construction. Robert oversees the CEI team and overall project management and inspection for the roadway construction.

Reference: FDOT Project Manager, Marla Hewson (772) 349-6728

Senior Project Engineer/Project Administrator, City of Oakland Park , Andrew Avenue from Oakland Pk Ave to Prospect Rd, Lap Project (July 2018 – Oct 2019): The Scope for the LAP Project was drainage improvements, landscape beautification as well as ADA improvements and Milling and Resurfacing of a section of Andrew Avenue. Robert oversaw project management and inspections for roadway construction. Reference: Brynt Johnson, Sr. Project Manager, (954) 630-4200

Project Administrator, FDOT District 6, Krome Avenue South Group #1, FM No. 249614-3-62-01 (February 2015 – Dec 2018): CEI services on this nearly seven-mile segment, from Kendall Drive to north of SW 8th Street. Along with adding a travel lane in each direction, the improvements divided the road with a median and guardrail, improved stormwater drainage and added new street lighting and signage. Included in the scope of work is Milling and Resurfacing of SW 8th Street, the widening of Bridge No: 870974 located just north of SW 8th Street on Krome Avenue: existing bridge deck demolition, pile driving activities, concrete bent and deck widening, barrier wall and pedestrian railing, asphalt overlay, polymer plugs at intermediate bent joints, articulated block mats, removal of existing

Robert Audette, P.E.
Sr. Project Engineer / Project Administrator



bulkhead wall and installation of new sheet pile bulkhead wall. Robert role is preparing and running progress meetings and pre-activity meetings, reviewing project schedules and responding to RFI's on project issues; assigning responsibilities to inspection staff for roadway and bridge construction and negotiating and closing Notice of intent to claim filed by the contractor.

Reference: FDOT Project Manager Jacqueline Sequeira, P.E. (305) 640-7432

Senior Project Engineer/Project Administrator, City of Coconut Creek, Education Corridor, Coconut Creek Parkway, Lap Project (September 2013 – January 2015): The main purpose of this project is for drainage improvements, swale and lighting improvements landscape beautification as well as ADA improvements and milling and resuacing, of the Coconut Creek Parkway corridor. Robert oversaw project management and inspections for roadway construction. Reference: Asaad Akar, PE, Sr. Project Manager, 954.956.1504

Senior Project Engineer, FDOT D4 TCOPs: Orange Avenue Shoulder Widening, Ft Pierce FIN 423022-2-52-01 (July 2013 – January 2015): This \$4.8M project consisted of shoulder widening and drainage improvements for 5 miles of 2 lane undivided rural County Rd 68 in Fort Pierce. Robert oversees the CEI team and overall project management and inspection for roadway construction. Reference: FDOT Project Manager Katie Kehres, P.E. (772) 519-8277

Senior Project Engineer, FDOT District 4: SR 834 (Sample Road) / SR 7 (US 441) / SR 814 (Atlantic) Grouping, FIN #'s: 421656-1-62-01; 421662-1-62-01; 423002-1-62-01 (October 2012 – January 2013): The scope of the projects included milling and resurfacing, major signalization and lighting improvements, landscape and irrigation installation and ADA upgrades. Robert oversaw overall project management and inspections for roadway construction. Reference: Roxanne Riggs, P.E., FDOT Project Manager (954) 958-7675

Sr. Project Engineer, LAP Project – Walton Rd Widening for St Lucie County (February 2010 – November 2011): Reconstruction of one mile of urban divided highway with drainage improvements, signals and landscape. Robert oversaw overall project management and inspection for roadway construction. Reference: John Frank, P.E. (772) 462-1707

Project Engineer, SFWMD, Bridge Maintenance Program (January 2009 – January 2010) Performed bridge inspection, prepared, signed and sealed bridge inspection reports, performed CEI work for three L19 canal bridge deck reconstruction projects. Prepared bid documents for bridge maintenance program. Reference: Andre Melo, P.E. (561) 682-2685

Project Engineer, FDOT District 4: I-95 Mobility, FIN #'s 231918-1-52-01 (May 2005 – December 2008): Project 2, Lake Worth Viaduct (Completion May 2008, \$58 M) Project is 1.8 mile of widening of the I-95 Corridor in 4 phases. Half a mile of AASHTO Girder Bridge Viaduct with new ramps; 160 ft. span Steel Bridge over 6th Avenue. Hold Weekly Construction Progress Meetings, Assure compliance with FDOT specifications, Review RFI's. / Project #9, Design Build Box Culvert on I-95 (\$6 M) Robert was in charge of overall project management and inspections for roadway and bridge construction. Reference: Courtney Drummond, (850) 777-4106

Structural Engineer, Derosé Design (October 2004 – April 2005): Responsible for performing wind load analysis on poles (Aluminum, Steel and Concrete), small buildings and masonry walls using ASCE 7-98 and Florida Building Code; Designing steel beams using ASD; Concrete designing (slabs, beams, column and footings) with ACI 318-02 and 99; Performing analysis for a deep beam design using Strut and Tie Model; Wood designing; Review shop drawings (Rebar, Precast Concrete, Steel Joints)

Project Engineer, Clearwater Memorial Causeway and Ernest Lyons Bridge: Precast Segmental Bridges (PCL) (Feb 2003 – Sept 2004): Responsibilities included: Setting labor cost tracking spreadsheets, formwork design and drawings using ACI SP-4, and Inspecting Test Pile Driving and Crane capacity checks (Radii, loads and boom elevations). Cast-in-place balanced cantilevers and construction of spans on falsework. Responsibilities included: Preparing labor costs back-up for Builders Risk Claim, set up overall quantity tracking Spreadsheets, Segment casting Geometry Control check and BDII output analysis for closures, Post Tensioning and grouting inspection and record keeping, track submittals to client, prepare and submit concrete repair procedures.

Experience beyond 2003 available upon request.

CTQP Training History Report

Report for: Robert Audette

TIN: a33076767

Report Date: 04/22/2022

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving - Level 1	3010298	04/27/2022	04/27/2027
Asphalt Paving - Level 1	N/A	04/27/2017	04/27/2022
Asphalt Paving - Level 2	3010297	04/27/2022	04/27/2027
Asphalt Paving - Level 2	N/A	04/27/2017	04/27/2022
Earthwork Construction Inspection - Level 1	3004074	05/25/2021	05/25/2026
Earthwork Construction Inspection - Level 2	3004140	05/27/2021	05/27/2026
Final Estimates - Level 1	3006750	11/08/2021	11/08/2026
Final Estimates - Level 2	3006749	11/08/2021	11/08/2026
QC Manager	N/A	04/27/2017	01/01/2099

Experience

30 Years Total

Education

High School Graduate

Secretarial Training Program,
Manpower Development,
New York City, NY

Computer Skills

Microsoft Word

Excel

Hummingbird Electronic Document Management System

Laboratory Information Management Systems (LIMS)

Winnie has over 30 years of experience working on FDOT construction projects. As a Resident Compliance Specialist, she has worked in District 4 and 6 and oversees the DOL and FHWA labor compliance. She monitors compliance with contract specification and is also in charge of scanning all project documentation into the Department's database (Hummingbird). She is currently serving as the compliance specialist on the SR 823 (Red Road/NW 57th Ave. Grouping), a \$38.7M contract. Prior to her current assignment, Winnie was the Resident Compliance Specialist for the \$39.5 million Dixie Highway Flyover Design-Build Contract. Also, Winnie has completed a 5-year assignment for the District 6 CEI Residency. This contract involved managing multiple contracts from the District construction work program, from pre-construction coordination to certification of final estimate packages. She has been involved in over 40 projects.

Resident Compliance Specialist, FDOT District 4 - Broward Operations (November 2014 – Present): Responsibilities include monitoring contractor compliance regarding EEO, DBE, and OJT activities on simultaneous contracts. Attend regular progress meetings and coordinate with contractor personnel to ensure timely compliance in all phases.

Resident Compliance Specialist, FDOT District 6: SR 823 (Red Road / NW 57th Ave) from W 23 ST to W 54 St. (September 2012 – October 2014): The \$38ML grouping is made of two back-to-back full reconstruction jobs located within the City of Hialeah and has a total of 16 OJT trainees; which Ms. Wilson is scheduled to graduate all by January 2014 (a year in advance). Responsibilities included monitoring contractor compliance regarding EEO, DBE, and OJT activities on simultaneous contracts. Attends regular progress meetings and coordinates with contractor personnel to ensure timely compliance in all phases. Organizes and scans all project documentation into the Department's database (EDMS/ Hummingbird).

Resident Compliance Specialist, FDOT District 4: ARRA / CR 811 Dixie Highway, from SR 810 to SW 18th Street (January 2010 – September 2012): This design-build project was the first federally funded project to be released through the American Recovery and Reinvestment Act of 2009 (ARRA) in Broward County. The \$39,525,385.00 contract had a total of 11 OJT trainees, which Ms. Wilson managed to graduate all by July 2011 (a year in advance). Monitored contractor compliance regarding ARRA reporting, EEO, DBE, and OJT activities on this multi-FIN contract. Organized and scanned all project documentation into the Department's database (EDMS/ Hummingbird).

Resident Compliance Specialist, FDOT District 4: SR 5 (US-1/Federal Hwy), from Sheridan Street to SE 18th Street (January 2009 – March 2009): Monitored contractor compliance regarding EEO, DBE, and OJT activities on concurrent projects. Organized and scanned the entire project's documentation into the Department's database (EDMS/ Hummingbird).

Resident Compliance Specialist, FDOT District 4: Dania Bch Blvd from US1 to Cambridge / Ocean Drive (SR A1A) from Cambridge to Sheridan St. (October 2007 – January 2009): Monitored contractor compliance with contract specifications regarding EEO, DBE, and OJT activities. Organized and scanned the entire project's documentation into the Department's database (EDMS/ Hummingbird).

Resident Compliance Specialist, FDOT District 6: District 6 CEI Residency (April 2001 – April 2007): This contract involved monitoring contractor compliance regarding EEO, DBE, and OJT activities on multiple concurrent projects from the District construction work program. Served as administrative assistant to the Senior Project Engineer.

Experience

48 Years Total

Education

Titusville High School,
Titusville, Florida.
HS Diploma 1970

Certifications

CTQP
TIN S532174532900

Final Estimates Level 1

Earthwork Construction
Inspection Levels 1 - To be
scheduled

Asphalt Paving Technician
Level 1 & 2

Concrete Field Technician
Level 1 - To be scheduled

FDOT Intermediate MOT

FDEP Qualified Stormwater
Management Inspector

Critical Structures
Construction Issues

Troxler Nuclear Safety
Certification

MSE Wall Inspection

FEMA Public Assistance
Program

Mr. Sandusky has more than 48 years of construction experience working for FDOT's D1, D4, D5, D6, the Turnpike and CEI. He has served duties on numerous urban arterial and interstate roadway projects. Mr. Sandusky serves as our Lead Senior Roadway Inspector. David's roadway/asphalt construction experience is unsurpassed with his strengths including asphalt paving, milling & resurfacing, drainage, embankment, guardrail, box culverts, bridge construction, signing, and pavement markings. He will oversee all roadway milling and paving operations for the team and will assign inspection tasks to the roadway inspectors on our team.

Senior Inspector, FDOT District 4: CEI (Hybrid) Continuing Services Consultant Inspection Support (Treasure Coast Operations), Martin County, Florida – TWO SR-76 (Kanner Highway) from Cabana Point Circle to US-1. FIN # 433735-1-62-01 (December 2022 – Present): This \$5ML project involved the milling and resurfacing of approximately 1.2 miles of SR 76 (Kanner Highway between Cabana Point Circle and US-1 along a 6-lane divided section of roadway. The project scope included milling and resurfacing, some drainage improvements, full depth base repair in multiple locations and some curb & gutter reconstruction.

Reference: David Brackin, FDOT PM (772) 321-1351.

Senior Inspector, Florida Turnpike Enterprise: Resurface and Roadside Improvements MP 190.5 to 198.5, Osceola County; FIN: 44070016201, (January 2021 – December 2022): This \$17ML roadway construction project consists of milling and resurfacing, widening, cross slope corrections, super-elevation corrections, base re-construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also features safety and design improvement which included drainage, shoulder gutter, guardrail, thrie beam, signage, lighting, and ITS work for the Turnpike Mainline (SR 91) from MP 190.5 – MP 198.5 and the SR 60 Interchange.

Reference: Fernando Gomez, PE, FDOT Project Manager (407) 468-7909.

Senior Inspector, Florida Turnpike Enterprise, Resurface and Roadside Improvements MP 153.23 to 169.32, St. Lucie County; FIN: 43651715201, 43651735201, (September 2018 – January 2021): This \$ 36ML project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91).

Reference: Ken Hudson, FDOT Project Manager (954) 707-2333.

Senior Inspector, Florida Turnpike Enterprise, Resurface and Roadside Improvements MP 178 to 190.5, Okeechobee and Indian River Counties; FIN: 43516516201, 43516536201, 43516716201, 43516736201, 43516616201, 43516636201, 43516816201, 43516836201, (September 2018 – October 2018): This \$26ML project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, signage for the Turnpike Mainline (SR 91) from Mile Post 178 – 190 in Indian River and Okeechobee Counties.

Reference: Christopher NeSmith, P.E., FDOT Project Manager. (407) 264-3482

Senior Inspector, FDOT District 1: SR 60 East CR 630 to Kissimmee River Bridge, Polk County, Florida, FIN # 431294-16201, Construction Cost \$6.4ML (January 2016 – August 2018): Responsible for exercising initiative and independent judgment in the solution of work problems. Directs and assigns specific tasks to Contract Support Specialist and inspectors in all phases of the construction project. Responsible for the progress and final estimate throughout the project duration. Improvements under this contract consist of widening, removal, and replacement of Bridge Number 160077, base work, significant overbuild with complex slope corrections as well as milling and resurfacing, drainage improvements, guardrail, and signing and pavement markings

on State Road 60 in Polk County.

References: Kirby Radford, FDOT Project Oversight. (863) 519-4107

Senior Inspector, FDOT District 6: Monroe County CEI Residency - SR-5/Overseas Highway from MM 59 to MM 65, FIN # 425600-1-52-01, SR-5/Overseas Highway from MM 99 to MM 106, FIN No. 419859-1-52-01 & 419846-1-52-01, Construction Cost: \$12ML (April 2013 – 2016): A multi-contract grouping of projects throughout Monroe County Florida. This assignment consists of approximately 18 separate construction projects totaling \$65 Million. The projects are located from Key Largo FL to Key West, FL. Mr. Sandusky's primary responsibility as Senior Inspector is Asphalt Roadway Verification. David is currently covering four separate roadway projects over 80 miles. He schedules his projects with the assistance of his roadway inspectors and provides direction and guidance of specification interpretation as well as QA/QC guidelines or covers the operation himself in times of staffing shortages. Other duties include coordinating weekly production rates and payments with the Contract Support Specialist, materials certification and verification, LIMS data entries, and daily work reports in Site Manager.

Reference: Charlie Phinizy, FDOT Project Manager. (305) 289-6107 or (305) 481-0064

Senior Inspector, FDOT District 4: State Road 60 from 66 Avenue to 58 Avenue, Vero Beach, Florida, Indian River County, FIN # 424638-1-52-01, Construction Cost \$2ML (March 2012 – March 2013): This project included drainage improvements, curb & gutter installation, landscaping, milling and resurfacing. Mr. Sandusky's responsibilities were to lead subordinate inspectors making sure all testing is complete and samples had been submitted and documented in LIMS, overseeing all contractor's operations for compliance with the contract documents, assisting the Project Administrator and Contract Support Specialist with monthly and final estimates.

Reference: Josh Baker, Project Manager, FDOT (772) 519-8517

Senior Inspector, FDOT District 5: I-95 Add lanes and rehabilitation from SR 9 (I-95) from SR 514 to SR 519 in Brevard County, Florida, FIN # 405506-8-52-01, Construction Cost \$196,268,800 (December 2007 – March 2012): Responsible for the inspection of roadway operations, embankment, roadway base, and subgrade, cast-in-place concrete, and asphalt pavement, MOT, lane closures, inspection of signalization, material sampling and testing, daily report and documentation. All duties involved coordination with FDOT and CEI personnel for review of QC and Verification procedures.

Reference: Jim Boughanem, P.E., Resident Engineer (321) 690-3250

Senior Inspector, FDOT District 5: SR 50 (Colonial Dr.) from Orange Blossom Trail to Home Folks Drive, Orlando, Florida, (January 2007 – December 2007): This project consisted of milling and resurfacing, drainage and sidewalk repairs to comply with ADA requirements in an area with heavy traffic and limited right-of-way. Mr. Sandusky's position included the inspection of all of the contractor's operations for contract compliance, as well as assisting the Project Administrator and Contract Support Specialist in the preparation of monthly and final estimates.

References: Trevor Williams, Project Manager, FDOT (407) 482-7820

Senior Inspector, FDOT District 5: SR 5 (Brevard Indian River County Line to Main Street), Construction Cost \$1,734,863, FIN # 409166-1-52-01 (June 2007 – December 2007): The improvements under this contract consisted of milling and resurfacing and guardrail. Mr. Sandusky's position included the inspection of all of the contractor's operations for contract compliance. Mr. Sandusky also assisted the Project Administrator and Contract Support Specialist with monthly and final estimates.

Senior Inspector, FDOT District 5: SR 5 (Malabar Rd to S. Robert Conlan), FIN # 241211-1-52-01, Construction Cost \$2,799,914 (November 2006 – June 2007): The improvements under this contract consisted of milling and resurfacing, storm drainage, guardrail, and the addition of a traffic monitoring site, signal heads, pedestrian features, and re-looping signalized intersection. Mr. Sandusky's responsibilities were to lead subordinate inspectors, making sure all testing was completed and samples were submitted and documented into LIMS. He oversaw all of the contractor's operations for compliance with the contract documents, as well as assisted the Project Administrator and Contract Support Specialist with monthly and final estimates.

Senior Inspector, FDOT District 5: SR 250, FIN # 237466-1-52-01, Construction Cost \$13,701,880 (May 2005 – December 2006): Total reconstruction and widening of a two-lane roadway to a four-lane roadway including drainage improvements, earthwork, asphalt, and guardrail. Mr. Sandusky's responsibilities were to lead subordinate inspectors, make sure all testing was complete and samples were submitted and documented, oversee all contractor's operations for compliance with the contract documents, and assist the Project Administrator and Contract Support Specialist with monthly and final estimates.

CTQP Training History Report

Report for: David Sandusky

TIN: S53217453

Report Date: 05/09/2023

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving - Level 1	3016506	12/01/2022	12/01/2027
Asphalt Paving - Level 2	3016505	12/01/2022	12/01/2027
Final Estimates - Level 1	3016504	12/01/2022	12/01/2027

Experience

20 Years Total

Certifications

CTQP
TIN: F63254059

**Asphalt Paving
Technician
Level 1 & 2**

**Final Estimates
Level 1 & 2**

**Earthwork Inspection
Level 1 & 2**

QC Manager

Drilled Shaft Inspection

MOT Intermediate

**Nuclear Gauge Safety
Training Program-Troxler**

Hazmat

**DEP Storm Water
Management Inspector**

**Critical Structures
Construction Issues**

Mr. Farhadtooski has over 20 years of experience on FDOT roadway and bridge construction projects in Districts 4 and 6. Excellent understanding of the procedures, practices, and requirements of all aspects of the CEI industry through participation in major Florida interstate projects as a Senior Inspector. His experience primarily includes CEI for earthwork, asphalt, concrete, lighting, signalization, drilled shaft, overhead signs, drainage, landscaping, guardrail, sidewalks, and bike lane and as well as verification of contractor quality control sampling and testing procedures and inspections. Mr. Farhadtooski brings extensive experience in Design-Build projects, having worked on signature projects.

Roadway Inspector, City of West Park, SW 25th Street, ITB 22-0218 (June 2022 – Present): CEI Inspector for construction of roadway, curb and gutter, sidewalk, and underground storm drain systems.

Reference: West Park City Engineer, Greg Perry PE, (954) 350-2705

Senior Roadway Inspector Barfield Hwy, City of Pahokee US-98 East of 7th St. to East of Main St. FIN 442030-154-01 (Nov 2021 – Present): CEI services for construction of roadway, curb and gutter, sidewalk, and underground storm drain systems. It also includes water and sewer construction for Palm Beach County. PVC line extension, DIP installation and 12" water main. Water and sewer removal.

Reference: Pahokee City Manager, Jongelene Adams, (561) 924-5534 ext 2000

Senior Roadway Inspector, City of Oakland Park, NW 10th Avenue Roadway Improvements from Park Lane to Prospect Road (May 2019 – December 2020): Local Agency Participation (LAP) project. Planned improvements include widening, drainage improvements, guardrail, landscape, and irrigation installation, shared bike lanes, street lighting, new sidewalks, road resurfacing, and driveway harmonizing with commercial stakeholders.

Reference: Brynt Johnson, Assistant Director of Engineering Services (954) 630-4343

Senior Roadway Inspector, City of Oakland Park, Andrews Avenue Roadway Improvements from Oakland Park to Prospect Road (May 2018 – May 2019): Local Agency Participation (LAP) project. Improvements include: landscape and irrigate medians, installation of new bike lanes, mid-block crossings for pedestrians, milling and resurfacing, upgrading existing lighting to LED, new sidewalks in coordination with the County. Reference: Lori Dourvis, Project Manager (954) 630-4479

Senior Roadway Inspector, FDOT District 4: I-95 from N. of SR-60 / Osceola Blvd. to the Brevard county line (May 2017 – Mar 2018): Mr. Farhadtooski served as Senior Inspector on this \$50M Project. Demolishing/constructing of two new bridges, milling & resurfacing existing four lanes, addition of one extra lane to Northbound & Southbound, widening of inside shoulders were included as part of this contract. The main objective of this project was to make this segment of I-95 into a six-lane divided highway. In addition, the CR-512 intersection design was modified and reconstructed to compensate for the new overpass bridge construction needs. Existing culverts and drainage enhancement were other tasks in this 13-mile project on I-95.

Reference: Dale Walker, FDOT District 4 Treasure Coast PM (772) 429-4879

Senior Roadway Inspector, FDOT District 6: SR 997/Krome Ave. North #5 Reconstruction, FM # 249615-5-52-01, (Apr 2016 – Apr 2017): This \$18.9M project, in an environmentally sensitive wetland area adjacent to the Everglades, consisted of the reconstruction and widening of 3.1 miles of an existing two-lane, two-way, roadway to a four-lane divided roadway. This proposed Southbound roadway is new construction while the proposed northbound roadway is the

reconstruction of the existing roadway. The work included the demolition of the existing C-6 canal and construction of two new bridges and guardrails, traffic monitoring sites, and a new street lighting system. The contract included an Incentive Bonus with a very aggressive schedule and an early completion time of 310 days.

Reference: John Garzia, P.E., District 6 FDOT Project Manager (305) 640-7194

Senior Roadway Inspector, FDOT District 6: SR 826 (Palmetto Expressway)/SR 836 (Dolphin Expressway) Interchange Reconstruction (Design-Build), (Jan 2013 – Apr 2016): This project was the final and largest of the 12 sections needed to complete the Palmetto Corridor improvements. Capacity improvements included the construction and widening along both SR 826 and SR836, the construction of approximately 45 bridges, as well as reconstruction/modification of Flagler street/ SR826 and Milam Dairy/ NW 72nd Avenue/SR836 interchange. Mohammad was responsible for coordinating all the inspection efforts related to all the lighting, signalization, drilled shaft, and overhead sign inspection for the entire project. Reference: Dari Vorce, District 6 PM, South Operations (305) 640-7412

Senior Roadway Inspector, FDOT District 4: SR 25/US 27 NB from MP 11.916 to MP 12.914 and SB from MP 11.916 to MP 16.050, Palm Beach County, (Sep 2012 – Jan 2013): The improvements under this contract consisted of a resurfacing, restoration, and rehabilitation (RRR) project. The existing pavement was milled and resurfaced to improve current pavement conditions, and pavement markings were updated to further enhance the safety of the corridor. Reference: Jacques Beaubrun, District 4, Palm Beach Operations PM (561) 432-4966

Roadway Inspector, FDOT District 4: Treasure Coast Operations Center General Assign, (Jan 2012 – Aug 2012): Mr. Farhadtooski provided CEI Inspection duties for resurfacing, restoration, and rehabilitation of Kings Highway (SR-713) from Point North of Indrio Road (SR-614) to a Point East of Spanish Lakes Boulevard in St. Lucie County. Reference: Chloann Lawrence, FDOT District 4, St. Lucie County (772) 429-4866

Senior Roadway Inspector, FDOT District 4: I-75/SR-93 Phase 1 @ Miramar Parkway and SB Aux. Lane Improvement; I-75/SR-93 Phase 2 from left to Miramar Parkway NB (Design-Build), (Jan 2011 – Jan 2012): Mohammad served as the Senior Inspector responsible for providing inspection services on this \$12.1M milling and resurfacing and safety enhancement project on I-75 (SR-93) at Miramar Parkway in Broward County. This project entailed improvements from the Turnpike extension to Miramar Parkway, including the replacement of the existing bridge deck, outside widening of the NB and SB lanes from the Turnpike extension to the interchange. The scope also included bike lane construction on Miramar Parkway as well as on and off-ramp improvements from I-75 to Miramar Parkway. Reference: Roxanne Riggs, FDOT District 4 (Currently w/ FTE) (954) 975-4855

Senior Roadway Inspector, FDOT District 4: SR-93 (I-75) Alligator Alley Project from M.P 35.00 to A. point west of SR-25 MP 18.875, Broward County, (Dec 2008 – Jul 2010): Mohammad served as Senior Inspector on this \$18.9M milling and resurfacing and safety enhancement 15.83-mile project on I-75 (SR-93) through Broward County. His responsibilities included oversight, documentation, and inspection of earthwork, asphalt, and concrete operations. The scope of the project included inside shoulder widening, milling and resurfacing, bridge joint repair, call box upgrade, landscaping, signing, and pavement markings. Reference: Jay Jalali, FDOT District 4 PM (954) 958-7675

Senior Roadway Inspector, FDOT District 4: SR-93 (I-75) Alligator Alley Project from MP 45.419 to MP 35.000 from Collier County Line, to A. point east of Snake Rd., Broward County, (Feb 2007 – Aug 2008): Mohammad served as Senior Inspector on this \$14.1M I-75/Alligator Alley resurfacing 10-mile project. His responsibilities included oversight, documentation, and inspection of earthwork, asphalt, and concrete operations. The scope of the project included inside shoulder widening, milling and resurfacing, bridge joint repair, high-mast lighting construction. Reference: Jay Jalali, FDOT District 4 PM (954) 958-7675

Senior Roadway Inspector, FDOT District 4: Hurricane Signalization Restoration, Broward County, (Dec 2005 – Feb 2006): Mr. Farhadtooski provided oversight for the restoration of all signalization systems within Broward County, to their original condition before Hurricane Wilma in 2005. Mohammad's responsibilities included oversight, documentation, and inspection of signalization restoration efforts by various contractors working in Broward County. Reference: James Jeffers, Broward Ops. PM (954) 980-7242

Experience beyond 2005 available upon request.

CTQP Training History Report

Report for: Mohammad Farhadtooski

TIN: f63254059

Report Date: 11/13/2022

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving - Level 1	N/A	01/24/2014	01/25/2024
Asphalt Paving - Level 2	N/A	01/24/2014	01/25/2024
Drilled Shaft Inspection	N/A	01/10/2018	03/02/2023
Earthwork Construction Inspection - Level 1	2002760	07/31/2020	07/31/2025
Earthwork Construction Inspection - Level 2	2003572	07/16/2020	07/16/2025
Final Estimates - Level 1	N/A	08/10/2017	06/28/2024
Final Estimates - Level 2	N/A	06/28/2019	06/28/2024
QC Manager	N/A	08/14/2019	01/01/2099

Experience

20 Years Total

Education

H.S. Diploma, Coral Park
Senior High School,
Miami, Florida, 1999

Miami-Dade Community
College, Currently

Certifications

CTQP:
TIN R562645811700

Earthwork Construction
Inspection 1 & 2

Asphalt Paving Tech.
Level 1 & 2

Final Estimates 1

Drilled Shaft Inspection

Pile Driving Inspection

FDOT Concrete Field
Inspector

ACI Concrete Field
Testing Tech. Grade 1

MOT Intermediate
Certification

Nuclear Safety Training

Troxler Nuclear Density
Technician

HAZMAT

FDEP Stormwater
Inspector

Critical Structure
Construction Issues

Mr. Ramirez's 20 years of experience on FDOT projects is extensive and diverse. He specializes in urban high-speed corridor projects such as I-95, 79th Street, Krome Ave and SR70. His primary strengths include earthwork operations overseeing drainage and embankment placement as well as asphalt paving and he is proficient in setting up and keeping the density log book for multiple simultaneous activities. His experience also includes bascule bridge restoration projects including the bridges over the Miami River as well as PCP concrete pavement placement on Krome Avenue.

Roadway Inspector, FDOT District 4: Broward Operations Support, Weston Rd. from Indian Trace Blvd. to SR-84, FM No. 439994-1-52-01, Contract No. T4592 (April 2022 – Present): Continuing services contract providing CEI services to Broward Operations Center as a sub-contracted roadway inspector to AE Engineering, Inc. This project includes widening, drainage, sidewalks, milling and paving, signing and pavement markings. Cost: \$2,6ML. Reference: Scott Buck, PE (954) 483-4946

Inspector, Seminole Tribe of Florida (STOF): Lakeland Reservation Infrastructure Development Phase 1 Construction: Mr. Ramirez serves as Inspector for this new Seminole Indian Reservation located within the Lakeland Trust Land in Polk County. The project has approximately 10,000 linear feet of roadway with approximately 47 proposed single family 1.0 acre lots. The scope of services includes construction and certification of the stormwater management system, paving, grading and drainage, street lighting, electrical, communications, water and wastewater infrastructure improvements for the project. Reference: Wayne Alleyne, Project Manager (407) 516-4747

Roadway Inspector, FDOT District 5, Brevard Operations, Group 162, FPID No. 412326-5, Contract No. W5U76): Continuing services contract providing CEI services to Brevard Operations Center as a sub-contracted inspector for RK&K, inspecting various ditch restoration projects. Cost: \$5ML. Reference: Mike Lausier (407) 919-8300.

Roadway Inspector, FDOT District 4, SR-9/I-95 Express Lanes (Phase 3A-2) from N. of Commercial Blvd., to SW 10th Street, FIN# 4331085-62-01): CEI services on this \$156ML, an 8-mile project that provides an innovative alternative to traditional highway construction to increase trip time reliability. The project combines tolling, transit, travel-demand management, and technology to increase people-moving capabilities to meet current and future travel demands. 95 Express Phase 3A-2 will extend the existing express lanes north from just north of Commercial Boulevard to just south of SW 10th Street in Broward County. One lane will be added and the High Occupancy Vehicle (HOV) lane will be converted to create two express lanes in each direction. This includes ramp signalization from Cypress Creek Road to Sample Road. Other work includes: installing Intelligent Transportation System (ITS) and tolling equipment; widening bridges and installing noise barrier walls at locations along I-95 Northbound between Atlantic Boulevard and Sample Road and along I-95 Southbound north of Sample Road. Reference: Sub to HNTB, Scott Case, P.E., Senior Project Engineer (954) 661-7576

Roadway Inspector, FDOT District 6, Krome Avenue South Group, FIN# 249614-3-62-01): CEI services on this \$60ML, seven-mile segment, from Kendall Drive to north of SW 8th Street. Along with adding a travel lane in each direction, the improvements will divide the road with a median and guardrail, improve stormwater drainage, and add new street lighting and signage. The proposed typical section will provide two 12' foot lanes in each direction separated by a 40-foot grass median. Eight-foot inside shoulders (two-feet paved) and 12-foot outside shoulders (five-foot paved for bike lanes) are provided for both bounds. Also, a 10-foot, shared-use, paved path will be built on the east side of the road. Included in the scope of work is the widening of Bridge No: 870974 located just north of SW 8th Street on Krome Avenue. It includes existing bridge deck demolition,

pile driving activities, concrete bent and deck widening, barrier wall and pedestrian railing, asphalt overlay, polymer plugs at intermediate bent joints, articulated block mats, removal of existing bulkhead wall and installation of new sheet pile bulkhead wall.

Reference: FDOT Project Manager Jacqueline Sequeira, P.E. (305) 640-7432

Roadway Inspector, FDOT District 4, S.R. A1A from the County Line to Seacrest Parkway, FIN# 48727-1-52-01: This project is located on A1A/South Ocean Drive from Miami-Dade County Line to Seacrest Parkway, approx. 0.90 miles in length. The Project consists of special foundations for 27 street lights that contain micro piles and drill shafts. Other improvements include correcting pavement deformations and patches, adding bike lanes, widening existing 4' wide substandard sidewalks to 6', improving sidewalk ramps at intersections to comply with the Americans with Disabilities Act (ADA), installing shelter pads at transit stop locations, replacing pavement markings and updating signage, upgrading existing signals with loop detection to video detection. This is a JPA with the City of Hallandale Beach.

Reference: Sub to F&J Engineering, Francis Chin (786) 385-2372

Roadway Inspector, FDOT District 4, SR70 from Okeechobee County Line to MP 5.871, FIN # 230262-2-62-01: This \$18ML project involved the reconstruction of 6 miles SR70 to a 4-lane divided roadway. The scope of the project includes extensive earthwork (1.5 mill cy), drainage, excavation of an SFWMD canal, and fabricform canal lining.

Reference: ChloAnn Lawrence, FDOT Project Manager (772) 201-7907

Roadway Inspector, FDOT District 4, SR 60 from 82nd Ave to 66th Ave, FIN# 228627-1-62-01: This \$18ML project involved the reconstruction of the roadway from a 4-lane divided section to a 6-lane divided section of SR 60 in Indian River County. The scope of work on this project involved the construction of 2 large retention ponds (15 acres & 9 acres), extensive drainage upgrades including the piping of the IRFWM canal with 82" RCP, signalization, and lighting upgrades, and decorative landscaping.

Reference: Dale Walker, FDOT Project Manager (772) 201-8518

Roadway Inspector, FDOT District 4, Dania Beach Blvd. from US1 to Cambridge Ocean Drive (S.R. A1A) from Cambridge to Sheridan St.: This project group involved widening, reconstruction, milling & resurfacing, drainage, lighting, signalization, and landscaping. The project is centrally located in a densely populated residential / business corridor and involves aggressive public involvement and exhaustive municipal coordination.

Reference: Tony Piedra, P.E., FDOT Project Manager (954) 868-5215

Roadway Inspector, FDOT District 6: District CEI Residency: This contract involved the oversight and management of a 5-yr Consultant CEI Super Residency contract consisting of multiple simultaneous FDOT construction projects in Miami-Dade County. During this contract over 100 projects were completed. Omel was assigned to multiple projects including several high-profile projects. (1) Verona Bridge Reconstruction in Golden Beach included the complete reconstruction/replacement of a new bridge. This project included 2 JPAs and a VECP; (2) 79th Street bascule project that includes replacement of both leafs, new motors, full electrical, sub cable replacement, and painting. (3) I-95 resurfacing and widening project at 79th St. which entailed interchange work within a high-speed corridor. The project also included PCP slab replacement and bridge widening. Other significant projects completed by Omel under the CEI Residency contract included:

- **LeJeune Rd. from 8th St. to NW 7th St.:** This \$3.5ML project included drainage, signalization, resurfacing, and landscaping.
- **126th St. from NW 7th Ave. to NE 9th Ave.:** This \$2.2ML resurfacing project with extensive concrete ramp, driveway replacement, and extensive signalization.
- **NW 12th Ave. from NW 16th St. to NW 29th St.:** This \$1.8ML resurfacing project with signalization, resurfacing, and landscaping
- **Traffic Operations Pushbutton Contract:** This \$10ML miscellaneous contract with simultaneous small projects consisting of drainage, signalization, resurfacing, landscaping, signing & striping.

Reference: FDOT Project Manager Isa Nunez, P.E., (305) 986-2551, Mark Croft, P.E., (305) 216-4959

Roadway Inspector, Construction Testing and Inspection (CTI) (April 2002 – March 2004): Field Technician on projects throughout County, City, and State Highways; Airports, and Seaports. Performed testing of concrete and earthwork.

Reference: Mark De Vila, CTI Manager (305) 829-8309

CTQP Training History Report

Report for: Omel Ramirez

TIN: R56264581

Report Date: 05/09/2023

Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving - Level 2	2000847	02/28/2020	02/28/2025
Concrete Field Technician - Level 1	N/A	09/08/2018	08/29/2023
Drilled Shaft Inspection	N/A	08/21/2019	08/21/2024
Earthwork Construction Inspection - Level 1	2001386	03/07/2020	03/07/2025
Earthwork Construction Inspection - Level 2	N/A	05/14/2019	05/14/2024
Final Estimates - Level 1	N/A	08/09/2018	08/10/2023
QC Manager	N/A	04/24/2002	01/01/2099



Experience

52+ Years Total,

Education

Land Surveying
Palm Beach Junior
College, 1982

Business Studies,
Broward
Community College, 1979

Certifications

Registered Professional
Surveyor and Mapper
Florida No. 3348

MOT-Intermediate

CSX Roadway Worker
Protective Contactor Safety

Affiliations

Board Member, State of
Florida Professional
Surveyors and Mappers

ASTM International
E-57 Committee
"3D Imaging Systems"

Florida Surveying and
Mapping Society,
Broward County
Chapter, President and
Chairman Education
Committee, 1982-1984

National Society of
Professional Surveyors
since 1982
(formerly ACSM)

Mr. Cross has managed an extensive list of projects in his 52 years as a Professional Land Surveyor and Mapper (PSM) throughout the state of Florida for both governmental and private clients. Those include the Seminole Tribe of Florida (STOF), Florida City Gas/NextEra, Florida Power, and Light Company, Florida Department of Transportation (Districts 4 and 6), and numerous local municipalities. He has completed hundreds of survey and mapping projects using conventional survey equipment, state-of-the-art GPS and Laser systems for pre- and post-construction and to as-built horizontal and vertical information for buildings and land.

FDOT D4 CEI Services for SR 714 from Martin Downs to Citrus Blvd., Martin County, FL: This \$21M project, SR714, involved the full reconstruction of West Martin Highway between Citrus Boulevard/ SW 48th Ave and SW Martin Downs Blvd from a 2-lane undivided rural roadway to a 4-lane divided urban roadway and shifting the alignment 30 feet to the south to mitigate drainage and driveway slope impacts. The project scope included the reconstruction of the existing 198' long-existing bridge structure over the Turnpike to a new width of 103' (from 67') to increase capacity where the traffic presently bottle-necks. Additionally, SW Leighton Farms Rd was also realigned further west to line up with SW Deggeller Ct to create a 4-legged intersection. Further improvements included a new closed-drainage system with a wet treatment pond along with signing, signalization, and lighting upgrades. The final roadway typical section was four 11-foot travel lanes with a raised 22' median, two 7-ft bike lanes, and 6' concrete sidewalks on both sides.

FDOT D4 CEI Services for SR-710/SW Warfield Blvd from East of SR-76 to the Palm Beach/Martin County Line: This \$28M project involves the 5-mile reconstruction of a principal rural arterial from Palm Beach County line to SR76, from a 2-lane undivided roadway to a 4-lane divided roadway. SR710's design will utilize a Plain Cement Pavement (PCP) design: 10" PCP over a 4" asphalt base with adjoining edge drains and paved asphalt shoulders. Additional improvements for this project will include extensive drainage upgrades, subsoil excavation, and construction of a new box culvert with 1000' of MSE walls. The project is located within a highly sensitive environmental area with numerous wetlands and wildlife.

FDOT D6 Krome South # 4, SR 997/Krome Avenue from SW 296 Street to SW 232 Street, SR 997/Krome Avenue from SW 312 Street/Campbell Drive to SW 296 Street: CPC provided surveying services for \$31.7M, a 5-mile project that included rebuilding and widening Krome Avenue from a two-lane roadway to a four-lane roadway divided by a grassed median. The project will also include the reconstruction of 5 existing signalized intersections, a new signalized intersection at SW 272nd Street and Krome Ave, the construction of two new bridges over C-103 Canal, the demolition of an existing bridge, new drainage, the construction of new access roads for SFWMD, and new lighting along the entire length of the project. In addition, the project will also provide access management and improve traffic operations throughout the corridor.

FDOT District 6: State Road (SR) 847/NW 47 Avenue from NW 183 Street in Miami-Dade County to Premier Parkway in Broward County (January 2019 – Present), Senior Project Surveyor: This \$32M project work will include, widening roadways, constructing new median, upgrading the drainage system, bicycle lanes, pedestrian ramps, new street lighting, new curb, and gutter, rebuilding driveways and sidewalks, and replacing the bridge over the Snake Creek Canal. Reference: Osvaldo Larrazabal, P.E., Senior PE, Solid Consulting (954) 406-9047

FDOT District 6: NW 87th Avenue from NW 74th Street to NW 103rd Street, new road and bridge construction, Miami-Dade, FM #40561535201, 40561545201, 40561535202, 40561535601, 40561535602 (April 2017 – Present), Senior Project Surveyor: The project consists of constructing a new bridge and four-lane divided section of roadway over the Miami River Canal connecting the Town of Medley and the City of Hialeah Gardens. His duties include overseeing drilled shaft installation, earthwork, drainage, concrete, and asphalt construction. Reference: Enrique Tamayo, Senior Project Engineer, RK&K (786) 999-9671

FDOT District 4: I-95/SR-9, from North of SR-60, Osceola Blvd (MP 6.611) to the Indian River/Brevard County Line, FIN# 413049-2-52-01, MP 19.198, Senior Project Surveyor: This project is over 12.5 miles long, the longest CEI survey project to date, with 1 minor bridge for reconstruction, roadway widening, milling and resurfacing and drainage. Reference: Karina Enrico-Jackson, P.E., GBFJMT (772) 489-8410

FDOT District 4: SR A1A, Commercial Boulevard, FIN# 228114-1- 62-01, 228249-1-62-02, Senior Project Surveyor: This two-mile, reconstruction project involved widening, reconstruction, milling and resurfacing, drainage, lighting, signalization, paver brick crosswalks, and landscaping. The project was awarded an **FTBA Best in Construction Award**. Reference: Alaa El-Halwagy, P.E., FDOT Resident Engineer (954) 958-7632

City of Delray Beach, Police Headquarters, City Hall & Community Center Evaluation for Renovation or Replacement, Senior Project Surveyor: CPC is providing professional engineering services under a continuing services contract for the evaluation of the municipal facilities. Services include boundary and topographic survey, existing structural assessment elements, material review and needs assessment. The site encompasses over 30 acres with the City Hall, Community Center, Safety Center (Police and Fire), City Law offices and a professional tennis stadium. Due to the size and complexity of the project scope, it is being completed in five (5) phases.

City of Margate, Complete Streets Roadway Reconstruction of NW 8th Street from NW 67th Avenue to NW 69th Avenue, Senior Survey Project Manager: Under our Continuing Professional Services Contract with the City of Margate, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8th Street between NW 67th Avenue to NW 69th Avenue. This Complete Streets reconstruction which includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves and fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, and adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders and other legal requirements of public authorities having jurisdiction.

City of Margate, Winfield, and Lemon Tree Parks: Engineer of record and project manager for the implementation of Floating Dock system, sidewalks and pedestrian compliance park access. The design included docks support piling system, parking, and pavement marking. A water pathway signing and marquee are included.

City of Coconut Creek, Maintenance Maps, Lyons Road, Senior Project Surveyor: This Surveying and Mapping project involved Maintenance Maps for three (3) Right-of-Way areas along Lyons Road. CPC survey field crew located updated topographic data for these sites. Previous FDOT Right-of-Way maps were used as alignment. Scott Stoudenmire, Deputy Director, Sustainable Development, for the City of Coconut Creek was the primary contact.

Town of Davie, Drainage Study: CPC was selected to provide surveying services for R.J. Behar for this Town of Davie drainage study. The project consists of approximately a 200-acre site and is one of our largest studies to date. Surveying tasks included utilizing 3D Laser Scanning, Drone Aerial Photography, GPS, Topographic services for five (5) detailed areas, eighty (80) structures, and outfalls. Juan Vazquez was the Project Manager.

City of Dania Beach, Ocean Beach Park, Senior Project Surveyor: This Surveying and Mapping project is currently underway and involves taking existing FPL poles and moving them underground. These improvements are being made to resist weather changes (storms) that affect the park. This project is under contract with the city's Public Services Department and FPL.

City of Dania Beach, SW 3rd Avenue and SW 1st Street, Topographic Survey, Senior Project Surveyor: This Surveying and Mapping project involved a topographic survey of the intersection of SW 3rd Avenue and SW 1st Street, with roadway, above-ground improvements, utilities (above and below) for engineering drainage design.

City of Dania Beach, Elevation Certificates, Senior Project Surveyor: This Surveying and Mapping project involved over 75 city-owned buildings/lots that required FEMA Elevation Certificates for insurance and property coverage. This project was completed through the city's Public Services Department.

Experience

30 Years Total

Education

Technical College
of the Lowcountry (S.C.)
Surveying, 2000 - 2002

University of South
Carolina-Aiken
Civil Engineering Tech.,
1994 – 2000

Special Certifications

Coordinate Metrology
Society's (CMS), Certified
3D Metrologist Level 1
(pending)

National CPR Foundation,
Certified CPR, AED, First
Aid

Professional & Civic Activities

Transportation &
Expressway Authority
Membership of Florida
(TEAMFL)

American Council of
Engineering Companies
(ACEC):
3D Modeling Sub
Committee

Jeremy Jones' 30 years of experience include niche expertise in the geospatial industry, with a focus on 3D Laser Scanning and Building Information Modeling. He was part of a Harvard/NIST team that created the chapter and addendum to the Building Information Model Guide for the U.S. General Services Administration (GSA). In addition to being a leader in the geospatial industry, Mr. Jones is well versed in all aspects of construction. Experience includes GIS, topographic surveys, boundary surveys, ALTA surveys, construction surveys, and due diligence reports. These skill sets have been tested in multiple industry sectors ranging from design survey data collection to complex construction as-built verification.

City of Deerfield Beach, N. Ocean Drive A1A S-Curve Streetscape Improvements: CPC is providing civil engineering & surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Drive (A1A) and NE 2nd Street to N. Ocean Drive and NE 4th Court. The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines and providing cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.

City of Deerfield Beach Survey Asset Collection: The city's goal is to create a sidewalk and curb ramp inventory of public rights of way located within the City's incorporation limits on local city-owned roadways and streets. The City retained Carnahan, Proctor Cross, Inc. (CPC) to provide data collection of 390 pedestrian facilities such as sidewalks, curb ramps and crosswalks. We provided a GIS layer of all city sidewalks and locations for curb ramps with an assessment of the accessibility of the curb ramps. Under our contract with the City, CPC identified all properties and rights of way owned/maintained by the City of Deerfield Beach in the desired location. This process was completed through online research and coordination meetings with the city's GIS Director. CPC develop a phasing plan for the fieldwork effort and identified the priority locations based on existing complaints to the city. CPC utilized "Survey123" software (an ESRI) product to develop the data collection pattern with feedback from the GIS Director. The main subject of the collection was to identify any unique identifiers, taking photos, GPS location, landings, slopes, and detectable mats. Executing a field data collection plan, multiple teams of one person were mobile and equipped with a tablet running Survey123. For fieldwork, the system can run on a wireless device that has internet access. These tablets were networked and provided "live" information back to the city's GIS data center daily. The data provided to the City under this program allows the City to identify ADA non-compliance pedestrian ramps based on Federal ADA pedestrian facilities criteria. Non-conforming sidewalks increase the risk of pedestrian accidents representing a potential liability for the City. The use of GIS capability allows the City to map out the ADA deficient pedestrian crossings to establish priorities for repairs and or replacement of deficient pedestrian ramps. The number of ADA non-compliance ramps will also assist the City in determining and allocating City funds to implement the necessary repairs. Developing a pedestrian ramps ADA compliance improvement program reduces the City's liability by demonstrating an action plan.

City of Ormond Beach Water Main Replacement: Mr. Jones provided 3D laser scanning and QA/QC for a survey of approximately 24,500 feet of the proposed City of Ormond Beach water main replacement project. The project included a control survey and the determination of apparent Right-of-Way lines. Additionally, a topographic survey was performed locating all drives, sidewalks, hydrants, and other features along the route. Fifty-foot cross-sections were collected along with additional intersection details. All manholes, invert elevations, and sizes were included in the survey.

Merritt Island Pressure Improvement Project, Florida City Gas/AGL: Performed 3D Laser Scans, registration, cloud clean-up, and created a model of major vertical features and a

topographic mesh of North Atlantic Avenue and US A1A intersection. CPC is providing route selection, route surveying, and design plans for the installation of an 8-inch steel High-Pressure gas main to be located in North Atlantic Avenue and US A1A from George King Boulevard to SR 520. This project includes close coordination with the City of Cape Canaveral, Brevard County, the City of Cocoa, FDOT, and both private and public utilities in the area.

NASA/Kennedy Space Center Mobile Launcher (ML2) Design Build Phase, Project Manager: CPC is providing Survey & Precision Metrology as a subconsultant to Bechtel National, Inc., (BNI). BNI is the Design-Build prime contractor for NASA selected to build the approximately 355-foot-tall, 11.3-million-pound structure. The project is aligned to support the first launch of Block 1B, scheduled for Artemis IV. The ML2 structural design will incorporate many lessons learned and modifications from ML1. Although the SLS Block 1B will be about 40 feet taller, the ML2 tower is only planned to be about seven feet taller than ML1. The major differences between the flight vehicle and ML towers are located above the Core Stage Forward Skirt Umbilical. The ML2 base's backbone, or truss structure, has been redesigned to support the larger, more powerful rocket.

NASA/Kennedy Space Center Mobile LaunchPad 39B: One of the final upgrades to Kennedy Space Center's Pad 39B was contracted to J. P. Donovan. The contract for a new Flame Detector and associated flame trench work was required to help upgrade the pad to deal with the immense thrust of the Space Launch Systems (SLS). Our team was tasked with measuring the Flame Trench Wall surface with a required accuracy of within ¼ inch contours. The CPC team would capture the on-site conditions typically in several days. Extensive security, health, and safety training were required and adhered to while on these sites. Immediately following the field scans and registration, CPC delivered a TruView solution for the project teams to begin their review and isolate areas for detailed CAD modeling. Once these parameters were relayed the CPC team modeled and extracted 3D objects for use in Autodesk Civil 3D. The model also enabled additional work to be captured without revisiting the site.

NASA/Kennedy Space Center, Mobile Launch Platform for Ares I-X Rocket Series: CPC used a 3D HDS High Definition Laser for its accuracy and density capabilities to scan the Blast Hole walls of NASA's Mobile Launch Base (MLB) platform for future rocket launches. CPC scanned the 24' x 24' walls at the highest resolution and density, identifying hundreds of prefabricated bolt holes for the Met-con, Inc. aerospace project. Detailed CAD drawings of the four walls, some in 3D, were generated for Met-Con to fabricate stainless-steel heat shield plates that would insulate its walls during rocket launches. These measurements and drawings assisted the client in drilling bolt holes in the insulation plates to match the existing steel structure. This met NASA's extremely accurate requirement of up to three decimal places for precision placement of the bolts, brackets, and insulation plates. This was the first time NASA had used or allowed 3D Laser Scanning as a data collection solution for measurements on their site. It was not only innovative but also translated into cost savings for the client for their quality control of the final product.

FDOT District 5, I-4 Ultimate: As Senior Project Manager for this project, Mr. Jones manages survey services for various areas including two downtown segments. The downtown Orlando Area 2 stretch of I-4 is home to eight interchanges, including SR 408. CPC verified existing bridge pedestals for this fast-paced construction project. The data allowed the client to check for any inconsistencies from the legacy data. This early exercise allowed them to confront design issues well in advance of material or labor arrival. Deliverable: CPC hosted live meetings where the data was reviewed and analyzed by the entire project team. From these meetings, exhibits were developed and RFIs were generated. Mr. Jones is providing on-call 3D Laser Scanning services for various portions of the I-4 Ultimate project including bridges such as the Kirkman Road Flyover and the SR 408 Interchange. These services are being provided to assist with design variations and proper alignment prior to the structure is finalized. In addition to scanning, CPC has also been tasked with processing bridge calculations to produce civil 3D and 2D drawings for end bents, columns, and piers.

FDOT District 5: I-4 Pedestrian Bridge, Maitland, Florida, Hired by SGL Constructors in 2018 on behalf of the Florida Department of Transportation (FDOT), Mr. Jones, and CPC are providing numerous services for this 625-foot metal pedestrian bridge that will span Interstate 4, south of the Maitland Boulevard interchange. CPC has provided 3D Laser Scanning for as-builts verification, 3D modeling for virtual design construction of the archway rib, and conventional surveying for construction staking as it relates to tower locations for SGL's preparation to go vertical with steel segments.

Fort Florida Road Utility Improvements, DeBary, Florida, Volusia County, Survey/S.U.E. Manager: This project was located in DeBary FL and the project consisted of adding a Reclaimed Waterline, Sanitary Forcemain, and Waterline to facilitate a new 700+/- new housing community. Existing utilities were designated and conflicts were located to avoid interruptions during construction. Construction staking of all new utilities was done as well as the as-built survey.



ORGANIZATIONAL STRUCTURE & CAPACITY



ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

CEI Services for N. Swinton Avenue, Roadway & Underground Utility Improvements

2. PUBLIC NOTICE DATE

April 14, 2023

3. SOLICITATION OR PROJECT NUMBER

RFQ No. 2023-041

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Dan Tintner, PE

5. NAME OF FIRM

Carnahan, Proctor & Cross, Inc.

6. TELEPHONE NUMBER

954-973-3959

7. FAX NUMBER

8. E-MAIL ADDRESS

DTintner@cpc-eng.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER SUBCON- TRACTOR			
a.	✓			Carnahan, Proctor & Cross, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	814 South Military Trail Deerfield Beach, FL 33442	Prime
b.			✓	CEI Momentum <input type="checkbox"/> CHECK IF BRANCH OFFICE	1961 NW 180th Way Pembroke Pines, FL 33029	CEI Support
c.			✓	ECS Group <input type="checkbox"/> CHECK IF BRANCH OFFICE	1627 NE 17th Terrace Fort Lauderdale, FL 33305	Arborist / Landscape Inspections
d.			✓	The Merchant Strategy <input type="checkbox"/> CHECK IF BRANCH OFFICE	1804 North Dixie Highway Suite B West Palm Beach, Florida 33407	Public Outreach
e.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				 <input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

RFQ NO 2023-041
**CEI Services for N. Swinton Avenue, Roadway &
Underground Utility Improvements**



CITY OF DELRAY BEACH
JASON KAUFMAN, PE



**QUALITY ASSURANCE
QUALITY CONTROL**

JOHN HART, PE

**PROJECT MANAGER /
SENIOR PROJECT ENGINEER**

DAN TINTNER, PE

**PRINCIPAL-IN-
CHARGE**

GREG PROCTOR, PE

**CONSTRUCTION
ADMINISTRATION**

HERB TILLMAN, CGC

**PROJECT
ADMINISTRATOR/CSS**

ROBERT AUDETTE

**RESIDENT COMPLIANCE
SPECIALIST**

WINNIE WILSON

**SENIOR
INSPECTORS**

**DAVID SANDUSKY
MOHAMMED FARHADTOOSKI**

**SURVEYING
SERVICES**

**LANDON CROSS, PSM
JEREMY JONES**

**INSPECTION/
UTILITY COORDINATION**

OMEL RAMIREZ

**PUBLIC
OUTREACH**

THE MERCHANT STRATEGY*
**SHARON MERCHANT
CHERYL SCOTT**

**LANDSCAPE INSPECTION/
ARBORIST**

ECS GROUP*
MARISA MAGRINO, ISA, LIAF


MWBE* Consultants



Environmental
Consulting
Services Group




E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME Dan Tintner, PE	13. ROLE ON THIS CONTRACT Senior Project Engineer	14. YEARS EXPERIENCE	
			a. Total 42	b. With Current Firm 10
15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida				
16. EDUCATION (Degree and Specialization) B.S. Civil Engineering University of Florida, 1980 MBA, University of Houston, 1986 Leadership Training: ACEC Senior Executive Institute			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Professional Engineer, Florida Registration No. PE39656	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Tintner brings over 40 years of broad experience as a Professional Engineer managing South Florida Transportation, Roadway, Site Development, and Neighborhood Improvement Projects, with a proven track record for successful public-sector client and stakeholder relations and negotiations. His responsibility has included managing roadway and transportation design projects, utility and infrastructure projects, sanitary sewer rehabilitation studies, pump station evaluation studies, downtown redevelopment studies, and stormwater management studies. CTQP: TIN # T353161561760, MOT-Advance Work Zone Traffic Control, CTQP-QC Manager, CTQP-Final Estimates Level 1 and Level 2, CTQP-Asphalt Paving Inspector Level 1 and 2, FDEP Stormwater Inspector				

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
A	City of Oakland Park, NW 10th Avenue from NW 38th Street to Prospect Road, Oakland Park, FL	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer: CPC provided Construction Engineering and Inspection (CEI) services for the NW 10th Avenue from Park Lane to Prospect Road Local Agency Participation (LAP) project. Roadway and safety improvements included widening, drainage improvements, guardrail, landscape, and irrigation installation, shared bike lanes, street lighting, new sidewalks, road resurfacing, and driveway harmonizing with commercial stakeholders.		
	✓ Check if project performed with current firm		
B	City of Oakland Park, Andrews Avenue Roadway Improvements from Oakland Park Blvd to Prospect Road Oakland Park, Florida	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer: CPC provided Construction Engineering and Inspection (CEI) services for Andrews Avenue from Oakland Park to Prospect Road Local Agency Participation (LAP) project. Planned improvements include landscape and irrigate medians, installation of new bike lanes, mid-block crossings for pedestrians, upgrading existing lighting to LED, and new sidewalks in coordination with the County.		
	✓ Check if project performed with current firm		
C	City of Delray Beach, CRA Sidewalk Projects, Delray Beach, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer: CPC is providing CEI Construction Management services for this CRA project. The project includes the construction of concrete sidewalks, clearing, grubbing, swale grading, and sodding along the following streets; SW 3rd Street from I-95 to SW 3rd Avenue, NW 8th Avenue from Atlantic Avenue to NW 2nd Street, NW 6th Avenue from NW 3rd Street to NW 2nd Street, SW 6th Avenue from SW 2nd Street to SW 3rd Street, SW 5th Avenue from SW 2nd Street to SW 3rd Street.		
	✓ Check if project performed with current firm		
D	City of Coconut Creek, Education Corridor, Coconut Creek Parkway, East of Banks Rd to West of Turnpike Overpass Coconut Creek, Florida	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer: CPC provided Construction Engineering and Inspection (CEI) services for this LAP project. The main purpose of this project is for sidewalk improvements, swale, and lighting improvements landscape beautification as well as ADA, of the Coconut Creek Parkway corridor from East of Banks to the West side of Florida's Turnpike overpass. Work included sidewalk construction along both sides of the roadway, installation of bus shelters and bus benches, guardrail installation, underground signal interconnect installation, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and performance turf (sod).		
	✓ Check if project performed with current firm		
E	Town of Lauderdale by the Sea, Commercial Boulevard Drainage Improvements, Lauderdale-by-the-Sea, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer: Provided CEI Construction Management services for this Town/FDOT JPA project. The main purpose is for drainage and landscaping improvements, swale and lighting improvements of Commercial Boulevard from West Tradewinds Avenue on the East side of the Causeway Bridge to East of El Mar Dr. The improvements for the project consist of milling and resurfacing, sidewalk construction, drainage and swale improvements for stormwater collection, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and performance turf (sod).		
	✓ Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME John A. Hart, PE	13. ROLE ON THIS CONTRACT Quality Assurance / Quality Control	14. YEARS EXPERIENCE	
			a. Total 34	b. With Current Firm 25
	15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida			
16. EDUCATION (Degree and Specialization) University of Florida, B.S. Degree in Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Registered Professional Engineer, Florida PE# 49476		


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

Mr. Hart's 30 years of experience reflect a proven track record on CEI projects. Four of John's recent projects earned FTBA awards. **Certifications include: CTQP: TIN H630461642100, QC Manager, MOT - Advance Work Zone Traffic Control, Final Estimates Preparation (FDOT), WZTC Level 2 Traffic Safety Certification #ZZ23920, Nuclear Surface Moisture Density #903, NPDES Stormwater, Traffic Control Plan Design, Long Range Estimates, PCP Concrete Pavement, MSE Wall Inspection, Project Engineers School, DCE Critical Structures Course.**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
A	FDOT District 4 CEI Services from SR 714 from Martin Downs to Citrus Blvd., Martin County, Florida	PROFESSIONAL SERVICES 2021-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Sr. Project Engineer: This \$21 million project, SR714, involved the full reconstruction of West Martin Highway between Citrus Boulevard/ SW 48 th Avenue and SW Martin Downs Boulevard from a 2-lane undivided rural roadway to a 4-lane divided urban roadway and shifting the alignment 30 feet to the south to mitigate drainage and driveway slope impacts. The project scope included the reconstruction of the existing 198' long-existing bridge structure over the Turnpike to a new width of 103' (from 67') to increase capacity where the traffic presently bottle-necks. Additionally, SW Leighton Farms Road was also realigned further west to line up with SW Deggeller Court to create a 4-legged intersection. Further improvements included a new closed-drainage system with a wet treatment pond along with signing, signalization, and lighting upgrades. The final roadway typical section was four 11-foot travel lanes with a raised 22' median, two 7-foot bike lanes, and 6' concrete sidewalks on both sides.		
B	FDOT District 4 CEI Services for SR-5 US1 from Heritage to Salerno Road Martin County Line, Stuart, Florida	PROFESSIONAL SERVICES 2019-2021	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Sr. Project Engineer: This \$8.4 Mill project involved the 3-mile widening and resurfacing of a heavily traveled urban arterial corridor from Heritage to Salerno Rd in Stuart. The US1 project made corrections to extensive settlement at the major intersections of Heritage and Salerno Roads by utilizing a polyurethane soil stabilization in conjunction with an inversion pipe-liner and full roadway base reconstruction with geogrid. Other improvements on this project included lighting, signalization, milling and resurfacing, and widening to accommodate a new 7' bike lane. This project was a highly intensive Maintenance of Traffic project which involved extensive closures, detours, and nighttime work.		
C	FDOT District 4 CEI Services for SR-710/SW Warfield Blvd from East of SR-76 to the Palm Beach/Martin CL, Palm Beach/Martin County Line, Florida	PROFESSIONAL SERVICES 2017-2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Sr. Project Engineer: This \$28M project involves the 5-mile reconstruction of a principal rural arterial from Palm Beach county line to SR76, from a 2-lane undivided roadway to a 4-lane divided roadway. SR710's design will utilize a Plain Cement Pavement (PCP) design: 10" PCP over a 4" asphalt base with adjoining edge drains and paved asphalt shoulders. Additional improvements for this project will include extensive drainage upgrades, subsoil excavation, and construction of a new box culvert with 1000' of MSE walls. The project is located within a highly sensitive environmental area with numerous wetlands and wildlife.		
D	Education Corridor Improvements Phase III, City of Coconut Creek, Florida	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm QA/QC: CPC provided CEI services for this local agency project. The main purpose is to correct drainage issues, swale and lighting improvements, landscape beautification, and pedestrian safety. Additional work includes transit facilities, bus shelters, bus benches, guardrail installation, hardscape, and irrigation.		
E	SR AIA Landscape and Hardscape Improvements, Town of Lauderdale by the Sea, Florida	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Sr. Project Engineer: This project consisted of both a beautification project and to enhance pedestrian safety. Enhancements included architectural features, seating walls, bench seats, crosswalk features, landscaping, and irrigation. Public involvement and coordination with local business was key to making this a successful project for the Town.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME Herb Tillman, CGC	13. ROLE ON THIS CONTRACT Construction Administration	14. YEARS EXPERIENCE	
			a. Total 41	b. With Current Firm 4
	15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida			
16. EDUCATION (Degree and Specialization) B.A., University of Miami		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) TIN # T45532752		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Tillman is a successful professional with extensive experience managing construction and development projects. He has managed over \$3Billion worth of projects through all phases of the construction and development process. His experience includes full-service operations and project management, including acquisition, due diligence, entitlements, planning, design, land development, vertical construction, and product delivery. Certifications include: CTQP: TIN T45532752, QC Manager, Final Estimates Level 1 & 2, Asphalt Paving Level 1 & 2, Earthwork Construction Inspection, Level 1 & 2, Advanced (TTC/MOT) Temporary Traffic Control, Nuclear Radiation Safety Certificate, Hazmat.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	City of Delray Beach, Memorial Gardens Mausoleum Expansion, Delray Beach, FL		PROFESSIONAL SERVICES 2022-Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Project Manager: The Parks and Recreation department oversees the Delray Beach Memorial Gardens Municipal Cemetery and administers the purchasing of cemetery plots, interments and perpetual care of 38.7 acres. The Cemetery is located at 700 SW 8th Avenue in Delray Beach. A new Mausoleum at the Cemetery will allow for additional grave space and niche burials. The City would like to expand the municipal Memorial Gardens Mausoleum by demolishing & removing the existing restroom & storage building. They are purchasing & installing prefabricated restrooms and building in its place. CPC is a professional service provider for the City of Delray Beach under a continuing services contract and was awarded this contract. Responsibilities include reviewing and providing comments on and approval of all shop drawings, submittals and Requests for Information (RFI) from the City's selected Contractor (GC). CPC attended the City Kick-off meeting with the Contractor and attends the Construction Progress meetings with both the City and Contractor. CPC currently performs the construction inspections that include both field inspections and final inspections, punch list items, permit close out documents and letter of substantial completion to the City. The scope of work all includes CPC performing surveying services including topographic and GPR locations, subsurface utility and engineering (SUE) services, geotechnical investigation & soils report, construction administrative services and construction inspections.			
B	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	City of Delray Beach, Currie Commons Park, Delray Beach, FL		PROFESSIONAL SERVICES 2022- Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Project Manager: CPC is a professional service provider for the City of Delray Beach under a continuing services contract. The City Delray Beach would like to demolish & remove the existing Facilities Restroom & Storage Building located at 700 SE 2nd Ave in Delray Beach. They will purchase & install a new Prefabricated Restrooms Building in its place. The scope of work includes CPC performing surveying services including topographic and GPR locations, subsurface utility and engineering (SUE) services, geotechnical investigation & soils report and construction administrative services and construction inspection services. CPC was awarded this contract and responsibilities scheduling and attending a City Kick-off meeting with City and the Contractor to determining program needs for the new facility and comments on the design deliverables and attends the Construction Progress meetings with both the City and Contractor. CPC performs the Site inspections and Final Inspections, Punch List, permit close out documents and letter of substantial completion to the City. Construction administration includes reviewing and providing comments on and approval of all shop drawings, submittals and Requests for Information (RFI) from the City's selected Contractor (GC). CPC will also provide construction inspections.			
C	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	City of Margate, Q Hut Replacement Project, Margate, FL		PROFESSIONAL SERVICES 2021- Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Project Manager: The City of Margate owns, operates, and maintains the Public Works Storage unit (Quonset Hut Structures) located at 102 North Rock Island Road. These units were originally constructed in 1973 and have undergone numerous repairs and panel replacements. These huts house supplies and equipment for the City's Public Works, Parks and Grounds, Police and Fire Departments. At the current time, the roof can no longer be repaired due to the structural failure of the metal sheeting which has numerous holes and rust. The supplies and equipment housed in these structures are expensive and need to be secured from theft and weather. A new facility is needed to provide adequate space and security as well as provide a safe working environment for the employees. The Public Works staff recommended the demolition of both Quonset huts (one is 70' x 40' and the other is 140' x 40') and the erection of one continuous 270'x40' facility, which would be approximately 60 feet longer to provide space for the protection and shelter of additional equipment. This project task provides for the development of design concepts and opinions of probable construction costs, design considerations, permitting, and project construction management and construction inspections. CPC is a professional services provider for the City of Margate and was selected to oversee this project. CPC is directing & coordinating all aspects including the Architecture, Mechanical Electrical, and Plumbing (MEP), Civil Design, and Construction Management Services for the Q Hut which is a prefabricated steel structure. This project includes the complete replacement of an existing Public Works Department Storage & Maintenance Facility which has recently been deemed to have reached the end of its useful life.			
D	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	City of Margate, Complete Streets Roadway Reconstruction of NW 08th Street from NW 67th Avenue to NW 69th Avenue, Margate, FL		PROFESSIONAL SERVICES 2022-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Project Manager: Under our Continuing Professional Services Contract with the City, CPC was selected to perform complete civil engineering design services, surveying, permitting, bidding and post design services for Roadway Reconstruction of NW 8th St between NW 67th Ave-NW 69th Ave. This Complete Streets reconstruction includes the replacing existing 2" galvanized water main with a new 6" PVC water main & service laterals, valves & fire hydrants. Replacing and/or adjusting existing sidewalks & driveway approaches as needed, new pavement markings, & adjusting existing landscape swales and utility manholes for improved stormwater runoff design. The design will comply with the American Water Works Association (AWWA), Americans with Disabilities Act (ADA), codes, ordinances, rules, orders & other legal requirements of public authorities having jurisdiction.			
E	(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
	City of Margate, Winfield, & Lemon Tree Parks Improvements, Margate, FL		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Construction Manager: Mr. Tillman worked with CPC's Engineer of Record for the implementation of ADA Compliant Floating Dock systems, sidewalks, and pedestrian park access. The design included new docks and support piling system, parking, and pavement marking. A Blueway Trail water pathway signage was also included in the Winfield Project.			


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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Robert Audette, PE	Project Engineer	a. TOTAL 26	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Momentum CEI Inc.			
16. EDUCATION <i>(Degree and Specialization)</i> B. Eng. Civil Eng., Ecole Polytechnique 1994		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL PE 61270	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			


19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
CEI Project Engineer	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 4/2021
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Forest Hill and SR-80 intersection improvements, \$ 6M, Project consisted of roadway and bridge widening, new signals, milling and resurfacing, Lighting, ITS, Landscape and Force Main construction. In charge of project management and inspection staff.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
CEI Project Engineer	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 10/2019
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm US-1 Roadway Rehabilitation Project in Fort Pierce. \$6M, New sidewalk, drainage construction, Rehabilitation of drainage using pipe liner, New Gravity Walls, and Milling and Resurfacing. In charge of management and CEI inspection staff.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
CEI Project Engineer	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 10/2019
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm FDOT LAP Project for the City of Oakland Park, Andrews Ave. \$ 1M, ADA Sidewalks, milling and resurfacing, Landscape. In charge of management and CEI inspection staff.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
CEI Project Engineer	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 12/2018
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm FDOT District 6, Krome Avenue reconstruction, \$ 40M, 7-mile segment of new Highway construction along Krome from Tamiami Trail to Kendall Avenue, Signals, Demuck and Surcharge construction method, bridge widening, retaining wall, Lighting, Guardrails. In charge of management and CEI inspection staff.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
CEI Project Engineer	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 01/2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Education Corridor improvements for Coconut Creek, FDOT LAP. \$1M, Drainage improvements, new landscape, ADA sidewalks. In charge of management and CEI inspection staff.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME Winnie Wilson	13. ROLE ON THIS CONTRACT Resident Compliance Specialist	14. YEARS EXPERIENCE	
			a. Total 30	b. With Current Firm 27
15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida				
16. EDUCATION (Degree and Specialization) Secretarial Training Program, Manpower Development, New York City, NY			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
<p>Winnie has over 27 years of experience working on FDOT construction projects. As a Resident Compliance Specialist, she has worked in Districts 4 and 6 and oversees the DOL and FHWA labor compliance. She monitors compliance with contract specifications and is also in charge of scanning all project documentation into the Department's database (Hummingbird). She is currently serving as the compliance specialist on the SR 823 (Red Road/NW 57th Ave. Grouping), a \$38.7M contract. Prior to her current assignment, Winnie was the Resident Compliance Specialist for the \$39.5 million Dixie Highway Flyover Design-Build Contract. Also, Winnie has completed a 5-year assignment for the District 6 CEI Residency. This contract involved managing multiple contracts from the District construction work program, from pre-construction coordination to certification of final estimate packages. She has been involved in over 40 projects.</p>				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State) FDOT District 4, Broward Operations. Broward County, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2014-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div> Resident Compliance Specialist: Responsibilities include monitoring contractor compliance regarding EEO, DBE, and OJT activities on simultaneous contracts. Attend regular progress meetings and coordinate with contractor personnel to ensure timely compliance in all phases.			
B	(1) TITLE AND LOCATION (City and State) FDOT District 6: SR 823 (Red Road / NW 57th Ave) from W 23 ST to W 54 St. Hialeah, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2012-2014	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div> Resident Compliance Specialist: The \$38 million grouping is made of two back-to-back full reconstruction jobs located within the City of Hialeah and has a total of 16 OJT trainees; which Ms. Wilson is scheduled to graduate all by January 2014 (a year in advance). Responsibilities included monitoring contractor compliance regarding EEO, DBE, and OJT activities on simultaneous contracts. Attends regular progress meetings and coordinates with contractor personnel to ensure timely compliance in all phases. Organizes and scans all project documentation into the Department's database (EDMS/ Hummingbird).			
C	(1) TITLE AND LOCATION (City and State) FDOT District 4: ARRA / CR 811 Dixie Highway, from SR 810 to SW 18th Street. Deerfield Beach, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2010-2012	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div> Resident Compliance Specialist: This design-build project was the first federally funded project to be released through the American Recovery and Reinvestment Act of 2009 (ARRA) in Broward County. The \$39,525,385.00 contract had a total of 11 OJT trainees, which Ms. Wilson managed to graduate all by July 2011 (a year in advance). Monitored contractor compliance regarding ARRA reporting, EEO, DBE, and OJT activities on this multi-FIN contract. Organized and scanned all project documentation into the Department's database (EDMS/ Hummingbird).			
D	(1) TITLE AND LOCATION (City and State) FDOT District 4: SR 5 (US-1/Federal Hwy), from Sheridan Street to SE 18th Street. Fort Lauderdale, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div> Resident Compliance Specialist: Monitored contractor compliance regarding EEO, DBE, and OJT activities on concurrent projects. Organized and scanned the entire project's documentation into the Department's database (EDMS/ Hummingbird).			
E	(1) TITLE AND LOCATION (City and State) FDOT District 4: Dania Bch Blvd from US1 to Cambridge / Ocean Drive (SRA1A) from Cambridge to Sheridan St. Dania Beach, Florida		(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES 2007-2009	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div> Resident Compliance Specialist: Monitored contractor compliance with contract specifications regarding EEO, DBE, and OJT activities. Organized and scanned the entire project's documentation into the Department's database (EDMS/ Hummingbird).			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME David Sandusky	13. ROLE ON THIS CONTRACT Senior Roadway Inspector	14. YEARS EXPERIENCE	
			a. Total 48	b. With Current Firm 5
	15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc.			
16. EDUCATION (Degree and Specialization) Titusville High School		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) TIN S53217453		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Sandusky has more than 48 years of construction experience working for FDOT District Five and CEI. He has served duties on numerous urban arterial and interstate roadway projects. Certifications include CTQP TIN S53217453 - Final Estimates Level 1, Earthwork Construction Inspection Levels 1 (To be scheduled), Asphalt Paving Technician Levels 1 & 2, Concrete Field Technician Level 1 (To be scheduled), FDOT Intermediate MOT, FDEP Qualified Stormwater Management Inspector, Troxler Nuclear Safety Certification, Critical Structures Construction Issues, MSE Wall Inspection, FEMA Public Assistance Program.				
19. RELEVANT PROJECTS				
A	(1) TITLE AND LOCATION (City and State) FDOT District 4: CEI (Hybrid) Continuing Services Consultant Inspection Support (Treasure Coast Operations), TWO SR-76 (Kanner Highway) from Cabana Point Circle to US-1, Martin Co.		(2) YEAR COMPLETED <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> PROFESSIONAL SERVICES 2022-Present </div> <div style="width: 45%;"> CONSTRUCTION (If applicable) </div> </div>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Senior Roadway Inspector: This \$5M project involved the milling and resurfacing of approximately 1.2 miles of SR 76 (Kanner Highway between Cabana Point Circle and US-1 along a 6-lane divided section of roadway. The project scope included milling and resurfacing, some drainage improvements, full-depth base repair in multiple locations, and some curb & gutter reconstruction.			
B	(1) TITLE AND LOCATION (City and State) Florida Turnpike Enterprise: MP 190.5 - 198.5, Osceola Co.		(2) YEAR COMPLETED <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> PROFESSIONAL SERVICES 2021-2022 </div> <div style="width: 45%;"> CONSTRUCTION (If applicable) </div> </div>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Senior Roadway Inspector: This \$ 17M roadway construction project consists of milling and resurfacing, widening, cross slope corrections, super-elevation corrections, base reconstruction, bridge deck joint replacements, and box culvert gunite spall repairs. This project also features safety and design improvement which included drainage, shoulder gutter, guardrail, thrie beam, signage, lighting, and ITS work for the Turnpike Mainline (SR 91) from MP 190.5 – MP 198.5 and the SR 60 Interchange.			
C	(1) TITLE AND LOCATION (City and State) Florida Turnpike Enterprise: MP 153.23 - 169.32, St. Lucie Co.		(2) YEAR COMPLETED <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> PROFESSIONAL SERVICES 2018-2021 </div> <div style="width: 45%;"> CONSTRUCTION (If applicable) </div> </div>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Senior Roadway Inspector: This \$ 36M project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements, and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, and signage for the Turnpike Mainline (SR 91).			
D	(1) TITLE AND LOCATION (City and State) Florida Turnpike Enterprise: MP 178.1 - 190.5, Okeechobee & Indian River Counties.		(2) YEAR COMPLETED <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> PROFESSIONAL SERVICES 2018 </div> <div style="width: 45%;"> CONSTRUCTION (If applicable) </div> </div>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm			
	Senior Roadway Inspector: This \$ 26M project consists of milling and resurfacing, cross slope corrections, super-elevation corrections, base construction, bridge deck joint replacements, and box culvert gunite spall repairs. This project also featured safety and design improvement which included drainage, shoulder gutter, guardrail, and signage for the Turnpike Mainline (SR 91) from Mile Post 178 – 190 in Indian River and Okeechobee Counties.			
E	(1) TITLE AND LOCATION (City and State) FDOT District 1: SR 60 East CR 630 to Kissimmee River Bridge, Polk, Co.		(2) YEAR COMPLETED <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> PROFESSIONAL SERVICES 2016-2018 </div> <div style="width: 45%;"> CONSTRUCTION (If applicable) </div> </div>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm			
	Senior Inspector: Responsible for exercising initiative and independent judgment in the solution of work problems. Directs and assigns specific tasks to Contract Support Specialists and inspectors in all phases of the construction project. Responsible for the progress and final estimate throughout the project duration. Improvements under this contract consist of widening, removal, and replacement of Bridge Number 160077, base work, significant overbuild with complex slope corrections as well as milling and resurfacing, drainage improvements, guardrail and signing, and pavement markings on State Road 60 in Polk County.			


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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Mohamad Farahdtooski	Sr Inspector	a. TOTAL 20	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> Momentum CEI Inc.			
16. EDUCATION <i>(Degree and Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Sr Inspector, SW 25th Street, West Park	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CEI Inspector for construction of roadway, curb and gutter, sidewalk, and underground storm drain systems. Project to be completed in 6-2023 Reference: West Park City Engineer, Greg Perry PE, (954) 350-2705		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Sr Inspector, Barfiled Hwy, Pahokee	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CEI services for construction of roadway, curb and gutter, sidewalk, and underground storm drain systems. It also includes water and sewer construction for Palm Beach County. PVC line extension, DIP installation and 12" water main.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Sr Inspector, NW 10th Ave, Oakland Park	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 12/2020
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Local Agency Participation(LAP) project. Planned improvements include widening, drainage improvements, guardrail,landscape, and irrigation installation, shared bike lanes, street lighting, new sidewalks, resurfacing.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Sr Inspector, Andrews Ave, Oakland Park	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 10/2019
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Improvements include: landscape and irrigate medians, installation of new bike lanes, midblock crossings for pedestrians, milling and resurfacing, upgrading existing lighting to LED, new sidewalks in coordination with the County.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Sr Inspector, Krome Ave, FDOT D6	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i> 04/2017
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm This \$18.9M project, in an environmentally sensitive wetland area adjacent to the Everglades, consisted of the reconstruction and widening of 3.1 miles of an existing two-lane, two-way, roadway to a four-lane divided roadway.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME Omel Ramirez	13. ROLE ON THIS CONTRACT Roadway Inspector	14. YEARS EXPERIENCE	
			a. Total 23	b. With Current Firm 19
15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida				

16. EDUCATION (Degree and Specialization) Basic Studies, Miami-Dade Community College, Currently	17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) TIN # R56264581
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)


Mr. Ramirez's 20 years of experience on FDOT projects is extensive and diverse. He specializes in urban high-speed corridor projects such as I-95, 79th Street, Krome Ave, and SR70. His primary strengths include earthwork operations overseeing drainage and embankment placement as well as asphalt paving and he is proficient in setting up and keeping the density log book for multiple simultaneous activities. His experience also includes bascule bridge restoration projects including the bridges over the Miami River as well as PCP concrete pavement placement on Krome Avenue.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
A	FDOT District 5, Broward Operations, Weston Rd. from Indian Trace Blvd. to SR-84. Broward County, Florida	PROFESSIONAL SERVICES 2022-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm		
	Roadway Inspector: Continuing services contract providing CEI services to Broward Operations Center as a sub-contracted roadway inspector to AE Engineering, Inc. This project includes widening, drainage, sidewalks, milling and paving, signing, and pavement markings. Cost: \$2,605,696.		
B	FDOT District 5, Brevard Operations, Group 162. Brevard County, Florida	PROFESSIONAL SERVICES 2018-2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm		
	Roadway Inspector: Continuing services contract providing CEI services to Brevard Operations Center as a sub-contracted inspector for RK&K, inspecting various ditch restoration projects.		
C	FDOT District 4, SR-9/I-95 Express Lanes (Phase 3A-2) from N. of Commercial Blvd. to SW 10th Street. Broward County, Florida	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm		
	Roadway Inspector: CEI services on this \$156 million, an 8-mile project that provides an innovative alternative to traditional highway construction to increase trip time reliability. The project combines tolling, transit, travel-demand management, and technology to increase people-moving capabilities to meet current and future travel demands. 95 Express Phase 3A-2 will extend the existing express lanes north from just north of Commercial Boulevard to just south of SW 10th Street in Broward County.		
D	FDOT District 6, Krome Avenue South Group. Miami, Florida	PROFESSIONAL SERVICES 2014-2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm		
	Roadway Inspector: CEI services on this \$60 mill seven-mile segment, from Kendall Drive to north of SW 8th Street. Along with adding a travel lane in each direction, the improvements will divide the road with a median and guardrail, improve stormwater drainage, and add new street lighting and signage. The proposed typical section will provide two 12' foot lanes in each direction separated by a 40-foot grass median. Eight-foot inside shoulders (two feet paved) and 12-foot outside shoulders (five-foot paved for bike lanes) are provided for both bounds. Also, a 10-foot, shared-use, paved path will be built on the east side of the road.		
E	FDOT District 4, S.R. A1A from the County Line to Seacrest Parkway. Hallandale Beach, Florida	PROFESSIONAL SERVICES 2014-2015	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm		
	Roadway Inspector: This Project is located on A1A/South Ocean Drive from Miami-Dade County Line to Seacrest Parkway, approx. 0.90 miles in length. The Project consists of special foundations for 27 street lights that contain micro piles and drill shafts. Other improvements include correcting pavement deformations and patches, adding bike lanes, widening existing 4' wide substandard sidewalks to 6', improving sidewalk ramps at intersections to comply with the Americans with Disabilities Act (ADA), installing shelter pads at transit stop locations, replacing pavement markings and updating signage, upgrading existing signals with loop detection to video detection. This is a JPA with the City of Hallandale Beach.		

STANDARD FORM 330

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME Landon "Alfie" Cross, PSM	13. ROLE ON THIS CONTRACT Senior Project Surveyor	14. YEARS EXPERIENCE	
			a. Total 52	b. With Current Firm 37
15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc., Deerfield Beach, Florida				
16. EDUCATION (Degree and Specialization) Land Surveying, Palm Beach Junior College, 1982			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Registered Professional Surveyor & Mapper Florida No. 3348	


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

Mr. Cross has managed an extensive list of projects in his 52 years as a Professional Land Surveyor and Mapper (PSM) throughout the state of Florida for both governmental and private clients. Those include the Seminole Tribe of Florida (STOF), Florida City Gas/NextEra, Florida Power, and Light Company, Florida Department of Transportation (Districts 4 and 6), and numerous local municipalities. He has completed hundreds of survey and mapping projects using conventional survey equipment, state-of-the-art GPS and Laser systems for pre-and post-construction, and to as-built horizontal and vertical information for buildings and land.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
A	FDOT D4 CEI Services for SR 714 from Martin Downs to Citrus Blvd. FIN # 436870-1-62-01, Martin Co., Florida	PROFESSIONAL SERVICES 2021-Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div>		
	Senior Project Surveyor: This \$21M project, SR714, involved the full reconstruction of West Martin Highway between Citrus Boulevard/ SW 48 th Avenue and SW Martin Downs Boulevard from a 2-lane undivided rural roadway to a 4-lane divided urban roadway and shifting the alignment 30 feet to the south to mitigate drainage and driveway slope impacts.		
B	FDOT D4 CEI Services for SR-710/SW Warfield Blvd from East of SR-76 to the Palm Beach/Martin County Line: Palm Beach/Martin Co., Florida	PROFESSIONAL SERVICES 2017-2019	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div>		
	Senior Project Surveyor: This \$28M project involves the 5-mile reconstruction of a principal rural arterial from Palm Beach county line to SR76, from a 2-lane undivided roadway to a 4-lane divided roadway. SR710's design will utilize a Plain Cement Pavement (PCP) design: 10" PCP over a 4" asphalt base with adjoining edge drains and paved asphalt shoulders.		
C	FDOT D6 Krome South # 4, SR 997/Krome Avenue from SW 296 Street to SW 232 Street, SR 997/Krome Avenue from SW 312 Street/Campbell Drive to SW 296 Street	PROFESSIONAL SERVICES 2019-2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div>		
	Senior Project Surveyor: CPC provided surveying services for \$31.7M, a 5-mile project that included rebuilding and widening Krome Avenue from a two-lane roadway to a four-lane roadway divided by a grassed median. The project will also include the reconstruction of 5 existing signalized intersections and a new signalized intersection at SW 272nd Street and Krome Ave.		
D	FDOT D6 State Road (SR) 847/NW 47 Avenue from NW 183 Street in Miami-Dade County to Premier Parkway in Broward County, Broward Co., Florida	PROFESSIONAL SERVICES 2019-2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div>		
	Senior Project Surveyor: This \$32M project work will include, widening roadways, constructing a new median, upgrading the drainage system, bicycle lanes, pedestrian ramps, new street lighting, new curb, and gutter, rebuilding driveways and sidewalks, and replacing the bridge over the Snake Creek Canal.		
E	FDOT D6 NW 87th Avenue from NW 74th Street to NW 103rd Street, new road and bridge construction, Miami-Dade Co., Florida	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;">✓ Check if project performed with current firm</div>		
	Senior Project Surveyor: The project consists of constructing a new bridge and a four-lane divided section of roadway over the Miami River Canal connecting the Town of Medley and the City of Hialeah Gardens. His duties include overseeing drilled shaft installation, earthwork, drainage, concrete, and asphalt construction.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

	12. NAME Jeremy Jones	13. ROLE ON THIS CONTRACT 3D Laser Scanning / BIM Specialist	14. YEARS EXPERIENCE	
			a. Total 30	b. With Current Firm 8
15. FIRM NAME AND LOCATION (City and State) Carnahan, Proctor and Cross Inc. (CPC), in Orlando, Florida				
16. EDUCATION (Degree and Specialization) Civil Engineering Tech, University of South Carolina-Aiken, 2000 Surveying Certificate, Technical College of the Lowcountry (S.C.), 2002			17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <p>Mr. Jones' more than 30 years of experience include niche expertise in the geospatial industry, with a focus on 3D Laser Scanning and Building Information Modeling (BIM). He was part of a Harvard/NIST team that created the chapter and addendum to the Building Information Model Guide for the U.S. General Services Administration (GSA).</p> <p>Mr. Jones is also highly experienced in municipal and commercial construction. That includes support services of GIS, topographic surveys, boundary surveys, ALTA surveys, construction surveys, design survey data collection and complex construction as-built verification.</p>				

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
A	Continuing Surveying Services, Florida Power & Light Company (NextEra Energy)	PROFESSIONAL SERVICES 2012-Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <p>3D Laser Scanning / BIM Specialist: CPC provides support to FPL under a continuing services contract on an as-need basis. Tasks include right-of-way surveys, route survey, Boundary surveys, location topographic, hydrographic, and as-built surveys, construction staking, facility staking and occasional special projects on an as-needed basis for five of FPL's eight Florida regions, covering the state's East Coast.</p>		
B	City of Deerfield Beach, N. Ocean Drive A1A S-Curve Streetscape & Underground Utility Improvements, Deerfield Beach, Florida	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <p>3D Laser Scanning / BIM Specialist: CPC is providing civil engineering & surveying services to the CRA to design and permit the improvements of the project limits that include approximately 1,500 LF of existing right-of-way from the intersection of N. Ocean Drive (A1A) and NE 2nd Street to N. Ocean Drive and NE 4th Court.</p> <p>The goals of the CRA include upgrading turtle-friendly lighting that enhances the aesthetics and safety of the corridor in accordance with the Deerfield Beach Complete Streets Guidelines and providing cost-effective design, coordination, and construction services for the undergrounding of overhead utilities.</p>		
C	City of Deerfield Beach Survey Asset Collection for ADA Improvements, Deerfield Beach, Florida	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <p>3D Laser Scanning / BIM Specialist: The city's goal is to create a sidewalk and curb ramp inventory of public rights of way located within the City's incorporation limits on local city-owned roadways and streets. The City retained CPC to provide data collection of 390 pedestrian facilities such as sidewalks, curb ramps and crosswalks. We provided a GIS layer of all city sidewalks and locations for curb ramps with an assessment of the accessibility of the curb ramps. Under our contract with the City, CPC identified all properties and rights of way owned/maintained by the City of Deerfield Beach in the desired location. This process was completed through online research and coordination meetings with the city's GIS Director. CPC develop a phasing plan for the fieldwork effort and identified the priority locations based on existing complaints to the city.</p> <p>CPC utilized "Survey123" software (an ESRI) product to develop the data collection pattern with feedback from the GIS Director. The main subject of the collection was to identify any unique identifiers, taking photos, GPS location, landings, slopes, and detectable mats. Executing a field data collection plan, multiple teams of one person were mobile and equipped with a tablet running Survey123. For fieldwork, the system can run on a wireless device that has internet access. These tablets were networked and provided "live" information back to the city's GIS data center daily. The data provided to the City under this program allows the City to identify ADA non-compliance pedestrian ramps based on Federal ADA pedestrian facilities criteria. Non-conforming sidewalks increase the risk of pedestrian accidents representing a potential liability for the City.</p> <p><i>The use of GIS capability allows the City to map out the ADA deficient pedestrian crossings to establish priorities for repairs and or replacement of deficient pedestrian ramps. The number of ADA non-compliance ramps will also assist the City in determining and allocating City funds to implement the necessary repairs. Developing a pedestrian ramps ADA compliance improvement program reduces the City's liability by demonstrating an action plan.</i></p>		
D	City of Ormond Beach Water Main Replacement, Ormond Beach, Florida	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm <p>3D Laser Scanning / BIM Specialist: Mr. Jones provided 3D Laser Scanning and QA/QC for a survey of approximately 24,500 feet of the City's proposed water main replacement project. Work included a control survey and determination of right-of-way lines.</p> <p>An additional Topographic Survey was done to locate all drives, sidewalks, hydrants and more along the route. Fifty-foot cross-sections were collected along with additional intersection details. All manholes, invert elevations and sizes were included in the survey.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Sharon J. Merchant	Public Outreach	30	30

15. FIRM NAME AND LOCATION (City and State)

The Merchant Strategy, Inc. West Palm Beach FL

16. EDUCATION (Degree and Specialization)

Bachelor of Science International Affairs, Florida State University

Jim Moran Institute for Global Entrepreneurship Certification

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Insert text

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

N/A

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Professional Engineering Design Services for North Swinton Avenue Roadway Underground Utility Improvements – Delray Beach, Florida	2023	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE TMS was hired as a subconsultant to WGI to provide public outreach. This included: Developing a project webpage; Maintaining and updating the webpage; Setting up and monitoring a project hotline; Developed meeting notifications and other collaterals; Logistics for public meetings and attendance. Contract value was \$60,250.00		
b.	CMAR North Beach Utilities Underground Conversion and Hollywood Beach Utility Hollywood, Florida	2023	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE TMS was hired as a subconsultant to Whiting Turner to provide public outreach. This included: Preparation of a stakeholder and residential database; Development of project information flyers; Monthly meetings with the stakeholders; Meeting logistics. Contract Value was \$12,000.00		
c.	Central Seacrest Corridor Drainage Improvements and Water Main Replacement Phase II Boynton Beach, Florida	2020	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE TMS was hired by the City of Boynton Beach to handle all public outreach activities, including but not limited to: Maintaining and Updating a project webpage; Monitoring a project hotline and being the first point of contact for concerned stakeholders; Developing construction, road closure and utility outage notifications and distributing to the affected stakeholders; and attending monthly community meetings. Contract value was \$32,800.00		
d.	Central Seacrest Corridor Drainage Improvements and Water Main Replacement Phase I Boynton Beach, Florida	2018	
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE TMS was hired by the City of Boynton Beach to handle all public outreach activities, including but not limited to: Maintaining and Updating a project webpage; Monitoring a project hotline and being the first point of contact for concerned stakeholders; Developing construction, road closure and utility outage notifications and distributing to the affected stakeholders; and attending monthly community meetings. Contract Value was \$12,500.00		
e.	Seacoast Utilities Garden Isles Water Main Improvements	2022	xx
	(3) BRIEF DESCRIPTION (Brief scope size, cost, etc.) AND SPECIFIC ROLE TMS was hired as a subcontractor for CES Construction to handle all public outreach. This included: Developing and maintaining a project webpage; Setting up and monitoring a project hotline; Developing a stakeholder database; Preparing collateral materials such as Project Information Flyers and Meeting Notifications; Meeting logistics and attendance.		

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Marisa Magrino, MS, ISA, LIAF, FNGLA, GTA	Certified Arborist/Environmental Scientist	19	3.5

15. FIRM NAME AND LOCATION *(City and State)*

ECS Group FL, LLC, 1627 NE 17th Terrace, Fort Lauderdale, FL 33305

16. EDUCATION *(Degree and Specialization)*

M.S., Marine Biology, Nova Southeastern University, 2006
 B.S., Biology, Arizona State University, 2001

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

N/A

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

ISA Certified Arborist #FL-6436A (With TRAQ); LIAF Certified Landscape Inspector #2016-0196; FNGLA Certified Landscape Technician #TC9 00427; FNGLA Certified Horticulture Professional; FDEP Certified Stormwater Inspector; FWC #GTA-20-00071

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Landscape Inspections and Tree Inventory: City of Coral Springs, Florida		
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ECS Group inspects new landscape installations, tree work and damage by accidents; conducts oversight/compliance of landscape contracts by assessing, making recommendations and preparing reports for landscaped areas (ROWs, medians) within city property, and conducted a tree inventory for this on-going contract. Size: 23.99 sq. mile city. 3-Year Cost: \$71,500.00. Role: Certified Arborist		
Tree Inventory: City of West Palm Beach, Florida	2023	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ECS Group conducted a tree inventory of multiple parks and ROWs for the City in 2020, 2021 & 2023. Data collected included species, DBH, height, condition, spread and photos. Size: Over 100 acres. 3-Year Cost: \$123,500.00. Role: Certified Arborist		
Tree Evaluation/Tree Replacement Recommendations: Boynton Beach, Florida	2022	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ECS Group conducted an evaluation of the perimeter trees within Lake Eden development, prepared an arborist report that documented the data collected (DBH, height, canopy spread and condition rating) and created a table that included recommended tree replacements with an estimated purchase cost per tree per species. Size: 15-acre site. Cost: \$2,875.00. Role: Certified Arborist		
Florida Turnpike: Landscape CEI, Miami-Dade and Broward Counties, Florida	2019	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted landscape CEI for 6 sites along the Florida Turnpike to verify maintenance conformance with contract documents and prepare reports. Size: <10 acres. Cost: Project under large LA Florida Turnpike Continuing Services Contract Role: Certified Arborist		
FDOT District 6: Landscape CEI, I-95, Miami, Florida	2019	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm FPID 433924-1-52-01 and 433924-2-52-01 from NW 170th St. to Miami-Dade/Broward County line. Conducted Landscape CEI (includes MOT and erosion control) and installation monitoring on this project that included 4500 trees and 4800 shrubs. Size: Approximately 3 miles. Cost: Project under large LA District-wide Continuing Services Contract. Role: Certified Arborist		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> City of Delray Beach CRA Sidewalks		1
		22. YEAR COMPLETED
		PROFESSIONAL SERVICES 2018-2019
		CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS City of Delray Beach, CRA	b. POINT OF CONTACT NAME Isaac Kovner, PE	c. POINT OF CONTACT TELEPHONE NUMBER (561) 243-7341
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CPC is providing CEI Construction Management services for this CRA project. Making it easier for pedestrians to enjoy the city and support our local businesses is part of our recipe for success. Since walkability is so important, the CRA continually focuses on the sidewalks in our neighborhoods, with a goal to create a pedestrian-friendly network of streets with adequate sidewalks. Streetscape improvements have been a CRA effort for several years and will continue to be a part of the redevelopment strategies in the future. Within the district, there are considerable variations in the degree of sidewalk deterioration, problems, and needs.

The project included construction of concrete sidewalks, clearing, grubbing, swale grading and sodding along the following streets: SW 3rd Street from I-95 to SW 3rd Avenue, NW 8th Avenue from Atlantic Avenue to NW 2nd Street, NW 6th Avenue from NW 3rd Street to NW 2nd Street, SW 6th Avenue from SW 2nd Street to SW 3rd Street, SW 5th Avenue from SW 2nd Street to SW 3rd Street.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Transportation Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <div style="text-align: center;">2</div>
21. TITLE AND LOCATION <i>(City and State)</i> City of Coconut Creek, Education Corridor from West of the Florida Turnpike to Banks Road, Coconut Creek, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <div style="text-align: center;">2017</div>	CONSTRUCTION <i>(If applicable)</i>

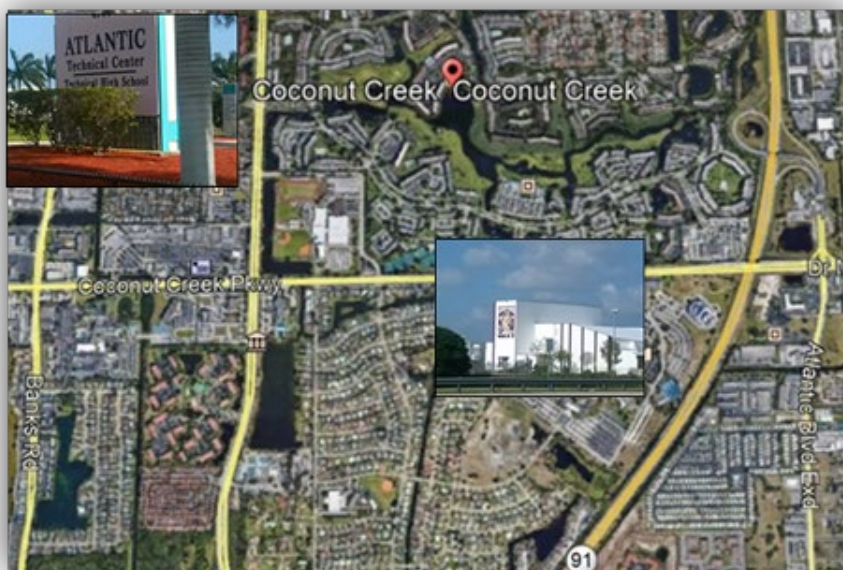
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS City of Coconut Creek	b. POINT OF CONTACT NAME Osama Elshami, PE	c. POINT OF CONTACT TELEPHONE NUMBER (954) 973-6786
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CPC performed construction inspection services (CEI) for this Local Agency Program (LAP) project for the City of Coconut Creek. The project included pedestrian safety upgrades, drainage improvements, swale, and lighting improvements, and landscaping of the Coconut Creek Parkway corridor from East of Banks Road to the west side of Florida's Turnpike overpass. Additional work included ADA-compliant sidewalk and bus shelter construction along both sides of the roadway, installation of bus benches, guardrail, underground signal interconnect installation, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and sod.

In addition, this project lies adjacent to residential, institutional, recreational, and retail properties. Therefore, our primary stakeholders during construction included Central Park of Commerce Shopping Center, Atlantic Technical Center School, Dave Thomas Education Center (West campus), Hale Plaza, Coconut Creek Parkplex, Coconut Creek Senior High, Calvary Church, Coconut Creek Medical Center, Colonial Bank Plaza, Associated Builders, and Contractors Plaza, and the Technical University of Miami.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering & Inspection (CEI)
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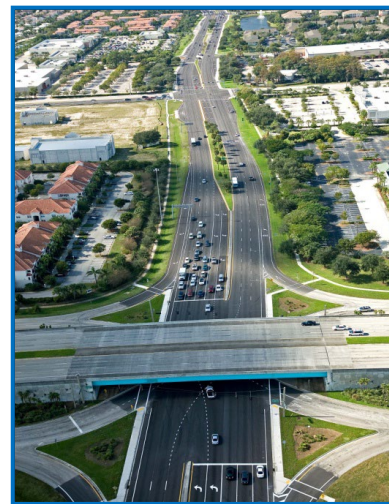
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
		3
21. TITLE AND LOCATION <i>(City and State)</i> Construction Engineering & Inspection Services for SR 834 (Sample Rd.), SR 7 (US 441), SR 814 (Atlantic Blvd.) Grouping, Broward County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS FDOT District 4	b. POINT OF CONTACT NAME Roxanne Riggs, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954.958.7675
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

SR 834-Sample Road was nominated to FTBA for “Best Partnering Project” and SR 7-US 441 was nominated for “Best Urban Project”. This \$10M grouping was made of three RRR jobs located in the municipalities of Margate, Coconut Creek, Coral Springs and Pompano Beach. The main purpose of this RRR project grouping was to improve the traffic operations and safety conditions for the Sample Road / SR-7 / Atlantic Blvd. corridors. The scope of the projects included milling and resurfacing, widening, major signalization and lighting improvements including over 20 drilled shafts and mast arms and over 32 new light pole systems, gravity wall construction with aluminum railing (over 1,050 linear feet), installation of six highway cantilever signs, over 1,000 linear feet of bridge fence installation, a special bridge-mounted, illuminated sign (retrofit installation with special anchors attached to the existing AASHTO beams), landscape and irrigation installation and ADA upgrades.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering & Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION <i>(City and State)</i> City of Oakland Park, Andrews Avenue Improvements, Oakland Park FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Oakland Park	Brynt Johnson, LEED AP, PMP, CFM	(954) 630-4343

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

CPC provided Construction Engineering and Inspection (CEI) services to the City of Oakland Park for Andrews Avenue Improvements from Oakland Park Blvd. to Prospect Road. This is an FDOT Local Agency Participation (LAP) project. Planned improvements included landscape and irrigate in medians, installation of new bike lanes, mid-block crossings for pedestrians, upgrading existing lighting to LED, and new sidewalks. This important corridor is through the center of Oakland Park is now more functional and SAFE for motorists, bicyclists, and pedestrians, including wheelchairs and baby strollers. This project was a collaboration between the Broward MPO, Broward County, and the City and included the removal of the dangerous bi-directional turn lane. Project improvements included the installation of landscaped medians with native vegetation, additional landscaping within the right-of-way, a new irrigation system, installation of bike lanes with a green surface treatment, new mast arms, removal of the dangerous bi-directional turn lane, installation of landscaped medians with native vegetation, installation of additional landscaping within the right-of-way, new irrigation system, installation of bike lanes with a green surface treatment and new mast arms.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering and Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION (City and State) City of Oakland Park, NW 10th Ave Improvements	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS City of Oakland Park	b. POINT OF CONTACT NAME Brynt Johnson, LEED AP, PMP, CFM	c. POINT OF CONTACT TELEPHONE NUMBER (954) 630-4343
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

CPC provided Construction Engineering and Inspection (CEI) services to the City of Oakland Park for NW 10th Ave. from NW 38th Street to Prospect Road. This was an FDOT Local Agency Participation (LAP) project. CPC services included construction observation, certification that contractor's work was in conformance with approved plans, specifications and shop drawings, review of quantities and contractor pay requests, assisted the City in conducting EEO compliance reviews in the field and construction consultation to responding to contractor requests for information.

This project included widening, drainage improvements, guardrail, landscaping, irrigation, bike lanes, decorative street lighting, new sidewalks, road resurfacing, and driveway harmonization with commercial stakeholders. The time to construct the project was (240 days)

CPC managed the project's CEI and maintained all project documentation in ProCore and LAPIT.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL,	(3) ROLE Civil/General Engineering Construction Engineering and Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <div style="text-align: center;">6</div>
21. TITLE AND LOCATION (City and State) West Commercial Blvd. & A1A Improvements, Lauderdale by the Sea, FL		22. YEAR COMPLETED <div style="display: flex; justify-content: space-between;"> <div> PROFESSIONAL SERVICES <div style="text-align: center;">2017</div> </div> <div> CONSTRUCTION (If applicable) </div> </div>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS Town of Lauderdale by the Sea	b. POINT OF CONTACT NAME Albert Carbon <i>(Now with Oakland Park)</i>	c. POINT OF CONTACT TELEPHONE NUMBER (954) 630-4414; 954-630-4458
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CPC provided Construction Engineering and Inspection Services for the West Commercial Boulevard project. The project started on Commercial Boulevard from West Tradewinds Avenue, on the East side of the Causeway Bridge to the East of El Mar Drive. The improvements for this project consisted of milling and resurfacing, new sidewalk construction, drainage and swale improvements for stormwater collection, lighting improvements as well as landscape installation (small and large plants), hardscape features (paver installation), irrigation and performance turf (sod).

The purpose of these improvements is to help calm down traffic along the street, making the roadway safer, more appealing, and pedestrian-friendly, so residents and visitors can shop and dine.



CPC was selected to perform construction engineering and inspection services (CEI) for this Landscaping and Hardscaping LAP project for the Town of Lauderdale-by-the-Sea (LBTS). This 1.3-mile project, which ran through the densely populated SR A1A of LBTS, consists primarily of bus stop enhancements, brick pavers, architectural features, landscaping, irrigation, and crosswalk features. Additionally, a portion of this project lies within a historically rich area where known artifacts of ancient Native Americans have been discovered.

The project was a Local Agency Participation (LAP) project partially funded by District IV. The CEI process was required to strictly adhere to the FDOT/FHWA Local Agency Program Manual for Federal Aid projects.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering and Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <div style="text-align: center; font-size: 24pt;">7</div>
21. TITLE AND LOCATION (City and State) FDOT D6, Krome Avenue South, Miami, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES <div style="text-align: center;">2017</div>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS FDOT D6	b. POINT OF CONTACT NAME Jacqueline Sequeira, FDOT PM	c. POINT OF CONTACT TELEPHONE NUMBER (305) 986-2551

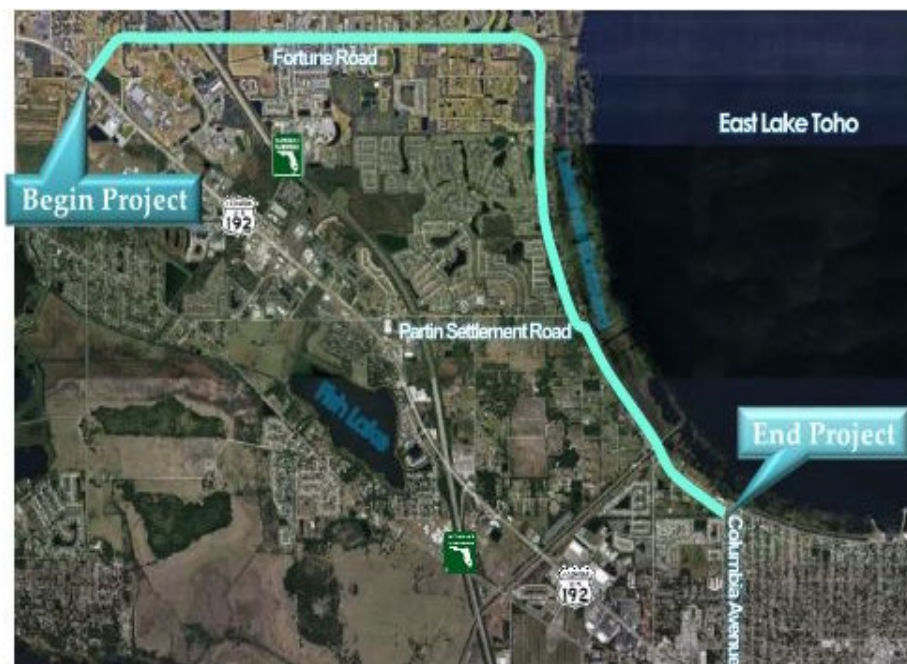
CPC provided CEI services for FDOT D6 for this nearly seven-mile segment, from Kendall Drive to north of SW 8th Street. It included full reconstruction and new construction along Krome Avenue as well as Tamiami Trail (SW 8 St). The scope of work is to widen the corridor from a 2-lane undivided to a 4-lane divided facility, adding a travel lane in each direction, the improvements will divide the road with a median and guardrail, improve stormwater drainage, and adding over 260 new light poles, 9 mast arms and signage. The proposed typical section will provide two 12' foot lanes in each direction separated by a 40-foot grass median. Eight-foot inside shoulders (two-feet paved) and 12-foot outside shoulders (five-foot paved for bike lanes) are provided for both bounds. Also, a 10-foot, shared-use, paved path will be built on the east side of the road. Included in the scope of work is the widening of Bridge No: 870974 located just north of SW 8th Street on Krome Avenue. It included existing bridge deck demolition, pile driving activities, concrete bent and deck widening, barrier wall and pedestrian railing, asphalt overlay, polymer plugs at intermediate bent joints, articulated block mats, removal of existing bulkhead wall and installation of new sheet pile bulkhead wall. ***This project won a Florida Transportation Builders Association award for "2019 Major Outstanding Project".***



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL	(3) ROLE Civil/General Engineering Transportation Engineering

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <div>8</div>
21. TITLE AND LOCATION (City and State) Osceola County Fortune Road to Lakeshore Multi-Use Trail	22. YEAR COMPLETED PROFESSIONAL SERVICES <div>2021-Ongoing</div>	
	CONSTRUCTION (If applicable)	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNERS Osceola County	b. POINT OF CONTACT NAME Mark Polo	c. POINT OF CONTACT TELEPHONE NUMBER (407) 742-0552 / 407-742-0628

The \$9M project consists of the construction of a 10-foot-wide multi-use trail that will run along Fortune Road/East Lakeshore Boulevard from the intersection of U.S. Highway 192 to the existing City of St. Cloud Lakefront Regionally Significant Trail, just west of the intersection at East Lakeshore Boulevard and Columbia Avenue. The total project length is approximately 7 miles. The project will include new trail construction, removal of existing sidewalk, a pedestrian bridge over the St. Cloud Canal and drainage improvements to include construction of ditches and storm drains, intersection improvements at signalized intersections (U.S. 192, Shake Rag Road, Bill Beck Boulevard, Lakeside Drive, and Partin Settlement Road), and improvements to pedestrian crossings at non-signalized intersections to ensure the safety of multiple users and connectivity to a larger pedestrian network. The work is a federal aid-funded project through the Florida Department of Transportation (FDOT) Local Agency Program (LAP). Existing crosswalks will be restriped at 11 locations where the trail crosses a side street. Five new crosswalks will be added along Fortune Road and Lakeshore Boulevard. The new pedestrian bridge over the C-31 Canal will be 145 feet long and 10 feet wide, with 40-45-foot-long ramps on either end and guardrails along both the bridge and the ramps.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL	(3) ROLE Civil/General Engineering Transportation Engineering
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>		9
FDOT District 4: CEI Services for SR 714 from Martin Downs to Citrus Blvd., Martin County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS FDOT District 4	b. POINT OF CONTACT NAME Jose Kandarappallil, FDOT PM	c. POINT OF CONTACT TELEPHONE NUMBER (772) 519-2348
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This \$21 million project, SR714, involved the full reconstruction of West Martin Highway between Citrus Boulevard/ SW 48th Avenue and SW Martin Downs Boulevard from a 2-lane undivided rural roadway to a 4-lane divided urban roadway and shifting the alignment 30 feet to the south to mitigate drainage and driveway slope impacts.

The project scope included the reconstruction of the existing 198' long-existing bridge structure over the Turnpike to a new width of 103' (from 67') to increase capacity where the traffic presently bottle-necks. Additionally, SW Leighton Farms Road was also realigned further west to line up with SW Deggeller Court to create a 4-legged intersection. Further improvements included a new closed-drainage system with a wet treatment pond along with signing, signalization and lighting upgrades. The final roadway typical section was four 11-foot travel lanes with a raised 22' median, two 7-foot bike lanes, and 6' concrete sidewalks on both sides.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering & Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <div>10</div>
21. TITLE AND LOCATION (City and State) SR-710/SW Warfield Blvd East of SR-76 to the PBC/Martin CL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <div>2019</div>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNERS FDOT District 4	b. POINT OF CONTACT NAME Chad Rucks, FDOT PM	c. POINT OF CONTACT TELEPHONE NUMBER (772) 321-9025
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This \$28M project involves the 5-mile reconstruction of a principal rural arterial from Palm Beach county line to SR76, from a 2-lane undivided roadway to a 4- lane divided roadway. SR710's design will utilize a Plain Cement Pavement (PCP) design: 10" PCP over a 4" asphalt base with adjoining edge-drains and paved asphalt shoulders. Additional improvements for this project will include extensive drainage upgrades, subsoil excavation, construction of a new box culvert with 1000' of MSE walls.

The project is located within a highly sensitive environmental area with numerous wetlands and wildlife. The improvements under this contract consist of reconstructing State Road 710 to a 4-lane divided roadway with a 40-foot sodded median, concrete pavement, installing a new drainage system, and constructing a new wildlife crossing west of Martin / Palm Beach County Line.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Carnahan Proctor and Cross, Inc.	(2) FIRM LOCATION (City and State) Deerfield Beach, FL	(3) ROLE Civil/General Engineering Construction Engineering & Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
State Road 80/Forest Hill Intersection		04/2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Hector Fung	c. POINT OF CONTACT TELEPHONE NUMBER (786) 273-7346
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Sr. Project Engineer / PA State Road 80/Forest Hill Intersection, FDOT D4 PBOps FIN 436307-1-52-01 T4494 (Oct 2019 - Apr 2021):

CEI services for intersection improvements, including roadway and bridge widening, drainage, lighting, signalization, ITS, signing and pavement markings, curbs, gravity wall, force main, landscape, irrigation, bridge piles and post tensioning of prestressed slabs units. Robert oversees the CEI team and overall project management as sub to H. Rodriguez Consulting Engineering Inc. Project Value \$6M.

Relevance to this Contract:

The SR80 project is similar in size and scope and has many of the same elements of this contract: Widening, Overbuild, Turnout construction, sidewalk with ADA ramps, new drainage on a heavily traveled corridor.

Similar Services Provided:

Robert Audette had the dual role as the Sr Project Engineer and Project Administrator on SR-80. He ensured compliance and proper close-out of all permits with SFWMD (ERP and R/W Occupancy). He prepared and ran pre-activities meetings to ensure that contractor and inspection staff are fully aware of plan and permit requirements and everyone's role is clearly understood. The same endeavor will be applied on this project.

Reference: Prime Consultant HRODcei, Hector Fung: (786) 273-7346

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
US-1 Midway to Edwards		10/2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Marla Hewson	c. POINT OF CONTACT TELEPHONE NUMBER (772) 349-6728
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Sr. Project Engineer / PA, FDOT D4 TCops, US-1 Midway to Edwards FIN 428728-1- 52-01 T4467 (Dec 2017 - Oct. 2019):

CEI services for RRR of US 1 from Edwards Rd. to Midway in Fort Pierce. Milling resurfacing and overbuild of US1. Drainage rehabilitation using pipe liners and swale reconfiguration, Signal and Sidewalk improvements for new ADA ramps, Driveway turnout construction. Robert oversees the CEI team and overall project management and inspection for the roadway construction.

Relevance to this Contract:

The US-1 Project is similar in size and scope and has many of the same elements as this contract: Pipe liner, Widening, Overbuild, Turnout construction, sidewalk with ADA ramps, new drainage, on a heavily traveled corridor.

Similar Services Provided:

Robert Audette had the dual role as the Sr Project Engineer and Project Administrator on US-1. He ensured compliance and proper close-out of all permits. He prepared and ran pre-activity meetings to ensure that contractor and inspection staff are fully aware of plan and permit requirements and everyone's role is clearly understood.

Reference: FDOT Project Manager, Marla Hewson (772) 349-6728

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Landscape Inspections and Tree Inventory: City of Coral Springs, FL	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Coral Springs	b. POINT OF CONTACT NAME Claudia Alzate	c. POINT OF CONTACT TELEPHONE NUMBER 954-346-1734
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

ECS Group inspects new landscape installations, tree work (i.e. confirm vertical clearances and oversee the installation of root barriers), and damage by accidents; conducts oversight/compliance of landscape contracts (i.e. mowing, hedging, etc.) by assessing, making recommendations and preparing reports for the landscaped areas (i.e. ROWs, medians, facilities) within city property. In addition, ECS Group conducted a tree inventory throughout the city. Data collected included species, DBH range, height, spread, percent dieback, condition, observations, growing space/land use, planting site width and tree work needs. This is an on-going contract.

Size: Throughout the 23.99 sq. mile city

3-Year Cost: \$71,500.00

Specific Role: Certified Arborist

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME ECS Group FL, LLC (ECS Group)	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Certified Arborist
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

[illegible]

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	City of Delray Beach, CRA Sidewalks	6	Town of Lauderdale by the Sea, West Commercial Blvd & A1A Improvements, CEI
2	City of Coconut Creek, Education Corridor, CEI	7	FDOT D6, Krome Ave, CEI
3	FDOT D4, Sampe Road Grouping	8	Osceola County, Fortune to Lakeshore Trail
4	City of Oakland Park, Andrews Ave Improvements	9	FDOT D4, SR 714 Martin Downs Blvd
5	City of Oakland Park, NW 10th Ave	10	FDOT D4, SR 710 Warfield

H. ADDITIONAL INFORMATION

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

Carnahan Proctor & Cross (CPC) is a multi-disciplined professional service consulting firm. Since our inception in 1977, CPC has strived to meet the needs of public and private sector clients, broadened and refined its services and is proud to have grown in size and leadership. The firm has distinguished itself by developing innovative solutions for difficult challenges faced by the real estate development, construction and transportation sectors. Excellent working relationships with our clients have afforded CPC repeated opportunities to partner on market-leading projects.

CPC ranks among the Top 25 Engineering firms in Central and South Florida. With regional offices in both locations, CPC has the resources, experience, and capacity to successfully complete assignments of any size and complexity. Our engineers are leaders in the Florida consulting industry. CPC manages more than 80 professional and technical team members in-house who work together to service clients' project needs, and are fully equipped with state-of-the-art technology and design software. True to CPC's reputation and practice, we strive to fill the role of trusted advisor for our clients, providing a long-lasting reciprocal relationship that can solve today's development challenges, and plan strategically for a sustainable future.

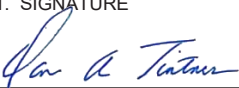
CPC's corporate philosophy is to provide exemplary professional services with an emphasis on quality, cost efficiency and exceptional personal service. Our clients come from both the public and private sectors and include city, state and federal agencies, utility companies, private developers, investment groups, individual landowners, health care firms, hospitals, and financial and educational institutions. After 40 years, CPC's success rests clearly on seasoned management and the expertise of our professional staff. The firm provides a strong framework regardless of a project's size, scope or phase. CPC is committed to providing value to our clients through professional, timely and cost-effective services.

Our multi-discipline approach allows our professionals to work side-by-side among our land development, construction, transportation, surveying and geospatial information experts to deliver cost-effective designs and respond effectively.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

05/10/23

33. NAME AND TITLE

Dan Tintner, PE, Senior Vice President, Government Services

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFQ No. 2023-041

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME Carnahan, Proctor & Cross			3. YEAR ESTABLISHED 1977	4. UNIQUE ENTITY IDENTIFIER 092841485
2b. STREET 814 S. Military Trail			5. OWNERSHIP	
2c. CITY Deerfield Beach	2d. STATE FL	2e. ZIP CODE 33442	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Dan Tintner, PE			b. SMALL BUSINESS STATUS Federal Small Business SBE	
6b. TELEPHONE NUMBER 954-972-3959			7. NAME OF FIRM (If Block 2a is a Branch Office) N/A	
6c. EMAIL ADDRESS DTintner@cpc-eng.com				

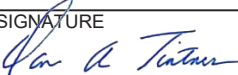
8a. FORMER FIRM NAME(S) (If any) Daniel Carnahan Consulting Engineers, Inc., Carnahan and Associates, Inc., Carnahan, Proctor and Associates, Inc.	8b. YEAR ESTABLISHED 1977	8c. UNIQUE ENTITY IDENTIFIER FE57AKD5A627
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9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
A02	Aerial Photography; Airborne Data a	8		A02	Aerial Photography; Airborne Data	1
C15	Civil Engineers	19		C15	Airports; Terminals and Hangars	3
C16	Construction Inspectors	15		C16	Construction Surveying	5
C18	Registered Surveyors	4		C18	Cost Estimating; Cost Engineering	2
G04	CAD Technicians	4		G04	Geographic Information System	1
G05	Field Personnel	21		G05	Scanning	4
H07	Construction Management	6		H07	Highways; Streets	7
H11	Estimators	8		H11	Residential, Multi-Family; Apartments	6
L02	Land Surveying			L02	Land Surveying	7
O01	Office Buildings; Industrial Parks			O01	Office Buildings; Industrial Parks	6
P06	Planning (Site, Installation, & Project)			P06	Planning (Site, Installation, and Project)	2
R04	Recreation Facilities (Parks, Marinas, Etc.)			R04	Recreation Facilities (Parks, Marinas)	5
R06	Rehabilitation (Buildings; Structures; Facilities)			R06	Rehabilitation (Structures; Facilities)	6
				S10	Surveying; Platting; Mapping; Flood Pla	5
				S11	Sustainable Design	7
				S13	Storm Water Handling & Facilities	6
				T02	Testing & Inspection Services	6
				T03	Traffic & Transportation Engineering	6
				T04	Topographic Surveying and Mapping	5
				U02	Urban Renewals; Community Develop	5
				W03	Water Supply; Treatment & Distribution	
	Other Employees					
Total		85				

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 05/10/23
c. NAME AND TITLE Dan Tintner, PE, Senior Vice President, Government Services	



METHODOLOGY & WORK PLAN





METHODOLOGY AND WORK PLAN

- A. *Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while performing the construction engineering and inspection duties in accordance with the Agreements.***

Carnahan Proctor & Cross, Inc. (CPC) is a local firm based in Deerfield Beach. Our Project Manager, Dan Tintner, PE, and Herb Tillman, Construction Administration Manager, along with our entire proposed CEI Staff for this project based out of our Deerfield Beach office which is located thirteen (13) miles and approximately twenty minutes of drive time from our door to the proposed Swinton Avenue Project. Additionally, our CEI Project Team will have the oversight and close logistical support of Dan and our corporate technical and administrative staff. Dan will hold weekly staff meetings with our team to review project issues and discuss strategies and solutions whenever critical issues arise. Our proximity to both the project location and the City of Delray Beach offices allows our staff to provide the quickest response to your needs, including impromptu site visits as well as in-office meetings. As an extension of our customer service, we will maintain an open line of communication at all times with Delray Beach's Police, Fire, and Public Information Office so that they know in advance about any construction activity that has the potential to disrupt traffic and to address unforeseen emergencies or problems.

Coordination with the City of Delray Beach

The project will require extensive communication and coordination with Delray Beach. Our staff will assist the City of Delray Beach by establishing a two-way communication system with the community and other departments. Our joint effort will assure that everyone is informed about any major activities or changes and that all concerns are addressed. This two-way communication system has proven to be highly successful when completing similar projects during the last several years. Our team will utilize our weekly progress meetings with Delray Beach's designated Project Manager to keep an open line of communication. In addition, we will have shared file access and will keep the project manager up to date on all major activities. By the same token, we will use all the lessons learned from our CEI project experience to achieve the same final result.

Environmental Compliance

Throughout the duration of the project, our Team will ensure that the contractor remains diligent and sensitive to the potential environmental impacts that this project may have on Delray Beach and its residents. Our team will ensure that the contractor uses every precaution necessary to prevent soil turbidity from leaving the project site. Through the monitoring and enforcement of applicable permits, the Storm Water Pollution Prevention Plan (SWPPP), and required National Pollutant Discharge Elimination System (NPDES) inspections, our Team will ensure the contractor's operational compliance. Regular inspections will verify the use of proper erosion control measures, tree-protection measures, and contamination prevention. A key factor in successful project completion is adhering to project utility permits. The permitting agencies are strict in the enforcement of their permits and being able to emphasize the importance of this process to the contractor is an important role of a project's CEI team. Our proposed personnel has experience on numerous projects where the permitting process has been extensive and thereby understands its importance. Our personnel is also experienced in working closely with several different levels of local, state, regional, and federal agencies.



B. Describe in detail the Proposer's approach to the construction engineering and inspection of roadway, utility, accessibility, lighting, and landscape projects.

PUBLIC OUTREACH SUB THE MERCHANT STRATEGY GROUP



This important corridor is a high-traffic area, and the improvements will take into consideration not just the needs of vehicular traffic but also pedestrians and bicyclists, and all users regardless of age or ability. Special attention will need to be paid to the sensitivity of this residential community that will be impacted by the reconstruction. In addition, this project lies adjacent to residential properties.

Our Team includes The Merchant Strategy (TMS) for Public Outreach. TMS will meet with the primary stakeholders and the homeowners in the project area, well before construction begins. TMS will provide a successful public involvement engagement for the required underground utility improvements project by assuring a constant flow of information to residents, business owners, elected officials, churches, schools, and all other stakeholders within the project area. Meaningful, early, and continuous two-way communication with all parties is critical to building trust, understanding, and consensus between stakeholders, City Officials, key staff, and the CPC team.



TMS will update the Public Involvement Plan (PIP) developed during the design phase of this project within 30 calendar days after the Notice to Proceed. TMS has established an independent webpage which is currently hyperlinked to the City's website. We will update the webpage as needed for continual public outreach, including updates and responses to questions for the life of the construction project. All public involvement activities will be coordinated with the City's Project Manager (PM) and the CPC PM. TMS will monitor the existing project hotline currently in use for the Design phase and respond to stakeholders' questions and concerns promptly.

TMS will update the stakeholder database utilizing the Palm Beach County Property Appraiser's Public Access website (PAPA) to ensure we have the most current property owners and prepare a mailing list. TMS will create collateral materials such as newsletters, flyers, door hangers, and letters to outline the project scope, limits, schedule, and the anticipated impacts of the construction as well as all benefits being provided. The flyers, door hangers, and letters will invite stakeholders to all meetings, workshops, and stakeholder interviews and outline the project scope, limits, schedule, and potential impacts.

TMS will find appropriate public meeting locations and select one in consultation with the City and CPC PMs. TMS will mail the flyers and/or letters to all identified stakeholders and/or deliver the door hangers throughout the project area. Meeting materials can be produced in other languages such as Spanish and Creole. TMS will consult with the City and CPC PMs for approval of all collateral materials. TMS will staff each meeting, assist with setup and take down, and provide a summary that includes meeting notes, sign-in sheets, comment cards, and all written comments, questions, and responses. We will attend City and Department meetings and all other community meetings as needed and provide meeting notes.



PROJECT APPROACH: CPC's team has a plan to address the key concerns that a contract such as this possesses.

Assure Project is Completed on Time and within Budget

CPC's inspection and management personnel embrace a philosophy that follows proactive steps to collectively assist the contractor in maintaining his schedule and budget. Our team will anticipate problems before they occur, and work to resolve them without impacting the project or schedule. This is achieved by the following:

- *Value Engineer all aspects of work throughout the project to seek out savings.*
- *Hold utility companies accountable and recover all damages before the project is over (over \$100K was recovered from AT&T and IRC on a recent CPC project -- SR60)*
- *Proactively find plan errors that will impact the project and resolve them before the contractor is aware (it is estimated that CEI actions on SR60 have saved approximately \$1.5M in potential impacts)*
- *Analyze the contractor's monthly CPM schedule to identify causes of critical path delays*
- *Ensure the contractor understands all the details of the City's requirements and assist in carrying out what is required before it delays the project*
- *Work directly with the contractor, the City, and FDOT to seek out alternative construction methods to save cost and time*
- *Aggressively track the contractor's shop drawings and help expedite the process*
- *Track monthly pay quantities and monitor overruns*

Pre-Construction Requirements and Submittals

Due to the nature of this specialty work, there will be multiple submittals required during the pre-construction period such as shop drawings, approved source for earthwork, asphalt, and concrete materials, certified concrete paver installer paperwork, product-specific cut sheets, paver samples, sealer and sand samples, Florida Department of Agriculture registration, arborist certification, weed control information, watering and fertilization schedules, proposed staging areas, etc. We will request a detailed CPM schedule as soon as the contract gets awarded and we will make sure the contractor has accounted for submittal, shop drawings, materials review, Delray Beach's approval, and procurement periods. We will strive to obtain the QC plans right after the project award to have everything approved before NTP. Our team brings a breadth of technical depth to the table; by combining forces we will be able to expedite the review and approval of the multiple submittals in a very short time. We will also schedule a pre-construction formal meeting with all the pertinent parties followed by a field meeting to go over issues that might affect the project's progress.

Contract Administration: Our approach to construction contract administration is structured to serve the needs of the City and treat the contractor fairly. We aim to complete the project under budget and within contract time, with no outstanding issues upon completion. Consistency and firmness in making a decision are of the utmost importance to ensure that all contractual obligations are met and the contract is properly administered. Because we are very familiar with contract administration and have a solid track record in construction management, we can accomplish tasks quickly and efficiently through:

- Maintenance of photos and video logs of the project site
- Meticulous maintenance of contract files
- Detailed construction diaries
- Open and direct communication with contractors
- Resolving potential claims or delays before they occur
- Continually updating the documents log file
- Weekly scheduled progress meetings



- Pre-work meeting before the start of specialty items
- Careful review of all work order changes
- Monitoring progress payment estimates

Final Estimates/ Project Completion: CPC has historically excelled in the area of final estimates and continues to lead the field in setting new benchmarks for others to follow. Success in final estimates begins with the following key areas:

Assemble an error-free FE package: CPC will submit its FE package well in advance to Delray Beach's Project Manager. Our proven plan to achieve this includes always closing out each work item the day the work is completed. Additionally, we will immediately correct all discrepancies following all FE reviews (both internal and external) throughout the job. In the end, no final quantity changes will be made following the submittal. Our final package will never include pending change orders or time extensions after final acceptance, and we will never submit a final package that is missing documentation.

Material Certification: We will always strive to achieve it before final acceptance. Our strategy to deliver on this goal requires that we resolve all discrepancies for test reports (QC/V) every month. Any failed materials are resolved through the DDM process as the project progresses, never waiting to the end. At 90% of project completion, our density log book will be submitted to the City's engineer for final review and certification to avoid delays to the issuance of the final MC. These early proactive steps have been proven effective to receive MC certification from the Lab before final acceptance. CPC will continue to monitor the contractors' lab's progress after submittal and will meet with all key lab personnel as often as required to expedite MC issuance.

The CPC Team is prepared to work closely with the contractor in maintaining a continuous, efficient, and effective project work zone. In doing so, we will closely monitor the construction schedule for the identification of upcoming work features. In this manner, we will be able to identify the most effective and efficient use of manpower, materials, and equipment both for the contractor and our Team. On all projects, the contractor is required to establish and submit the controlling item of work form – these submittal requirements are informative and enhance the schedule roadmap and improve the accuracy of our project staffing manpower allocation.

Quality Assurance: Quality is a word used often and widely in business. However, many companies don't have an established program geared toward quality control. At CPC, quality is taken seriously and is essential to the completion of every project. For every CPC project, there is a QA/QC Plan that, at a minimum, includes the following:

- Bi-weekly staff meetings to discuss changes and active operations
- Definition of **WHAT** is to be accomplished
- Definition of **WHEN** specific QA/QC actions/checks are to occur
- Definition of **WHO** is to do the QA/QC actions and reviews
- Definition of a budget for the QA/QC actions/checks

CPC's commitment to QA/QC in the engineering process begins with management and extends to every employee daily. Our CEI QA/QC program has adopted the Construction Project Administration Manual (CPAM) as the model for its Quality Assessment Program. We make sure all of our inspectors and staff are aware of and frequently refer to the Statewide Inspection Guide lists and the Statewide Critical Requirements. Our QA/QC Manager will also use the Guide lists during the project reviews. Our reviews will also address proper documentation and record-keeping. We will review the project files and record keeping ensuring the proper documents are secured. We will also review the Final Estimate records, and the Material Certification records to make sure these records are up to date. Preparation of the Final Estimate and the Material Certification start from day one of the project. CPC expects quality construction from the contractors, quality inspection and reporting from the inspection staff, and quality management from all levels of contract

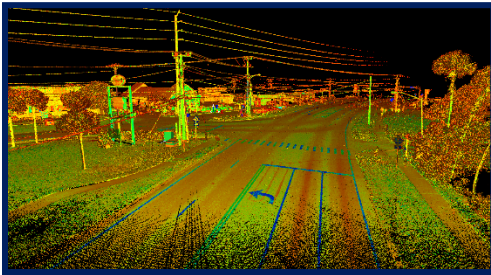


administration.

Onsite Inspection: All of our field personnel are efficient at monitoring ongoing operations while ensuring that construction is performed in accordance with the plans, specifications, and special provisions. By maintaining constant communication with the Contractor field personnel and QC inspection crew, we will greatly improve the ability to resolve issues in the field before they are escalated to higher levels. Special attention will be paid to the asphalt placement operations. The set depth and spread rates of the asphalt will be closely monitored and supervised to avoid costly overruns. Our team will also check and verify the field operations and QC reports to assure a smooth riding surface with adequate required slopes. Sampling and testing will be monitored throughout the project to assure Quality Control frequencies are met.

Maintenance of Traffic and Work Zone Safety: Safety is one of the core values at CPC. We are committed to creating a safe workplace for our employees by preventing injuries to people and damage to facilities, property, equipment, and the environment. The safety of the traveling public is a major concern of our team. Our staff fully understands the importance of proper MOT setup and maintenance. We will monitor the effectiveness of the MOT using field observation and driving through the work zone. The placement and spacing of MOT devices will be monitored closely, and we will ensure any required lane closure is in full compliance with FDOT's Design Standards. Pedestrian safety will be a concern in the reconstruction work zone on the project. Through the use of several devices, every effort will be made to secure the area during the demolition and reconstruction phases. The first day of a new MOT setup is the most dangerous. For this reason, we drive through the work zone several times to make sure the alignment is traversable at the posted speed and that the line of traffic is easy to follow both day and night. We will also ensure that pedestrians can travel along the NE 2nd Avenue corridor safely. In addition, we make a video of each MOT set up for our records.

Use of Technology for Communication Issue Resolution:



The use of cutting-edge technology will enable the CPC team to provide constant contact with all of the stakeholders. 3D laser scanning is an extremely efficient and safe way to capture as-built information necessary for road and bridge design, inspection, and monitoring. Utilizing this technology provides CPC with an **innovative edge** that can completely document congested roadways without impacting the motoring public or placing personnel in travel lanes.

Our use of the latest technology enables us to act on issues in the field instantly. The use of a cloud server, specialty software, and remote connectivity will ensure that all aspects of the construction are well-documented and communicated accordingly. Our team is fully committed to this project and will resolve issues expeditiously. We have assembled a highly qualified CEI Team in which several of the Team members have worked together successfully. We have completed several quality projects with similar features and have come in within the contractual time and budget. In addition, we have plenty of support resources within our company to act on any issue that may arise. We provide this service so that the City of Delray Beach staff can rest assured that any issue or complication will be resolved using our internal resources.

Performing 3D laser scanning of a roadway provides us with more information about the existing conditions. Our data mining capabilities allow us to extract data from the point cloud as needed. This reduces site visits and total project costs. Project Managers and Team Leaders utilize our 3D laser scanning services. From this data, we can create industry-standard maps or site-specific exhibits from the point clouds. (A point cloud is a set of data points in a 3D coordinate system and is defined by X, Y, and Z. The sum of these points represents the external surface of an object). The level of detail and accuracy far exceeds the capabilities of traditional



survey methods. CPC's 3D laser scanner collects 500,000 points per second, this ground-breaking technology provides projects with a much faster turnaround and extremely accurate results. This greatly reduces field time and helps surveyors stay within budget by preventing rework.

Conflict Identification and Mitigation/ Cost Savings: CPC has developed the unique ability through aggressive claims avoidance and value engineering techniques to uncover and resolve issues that add cost or delays to a project. This management style has allowed CPC to consistently meet our client's goal of time and cost. It is estimated that these techniques, as employed on the previous projects, have been responsible for almost \$1.5M in construction cost savings. The most effective means of dealing with claims is to recognize the potential for their occurrence early in the project. CPC's proactive approach clears an administrative and contractual path in front of the contractor by reviewing the project site, schedule, plans, specifications, and special environmental conditions for every major work activity and construction phase. If a problem is discovered, our staff will work with the appropriate party to develop a solution and process any contract modifications before the contractor's operation or schedule is impacted. CPC reduces, eliminates, and mitigates claims by performing the following activities:

- *Continuous review of plans, specifications, and project site by the CEI team members during the preconstruction phase and before each construction phase*
- *Continuous review of the contractor's submittal schedule*
- *Prompt response to all correspondence*
- *Maintain a written record of all project-related meetings*
- *Follow up all verbal directions given in the field in writing within 24 hours*
- *Maintain a video of the pre-existing conditions, TCP phase changes, and special construction operations*

C. Narrative that demonstrates working knowledge and understanding of the construction engineering and inspection requirements in the Scope of Services.

UNDERSTANDING OF PROJECT SCOPE

We have reviewed the plans, contract documents, specifications, community awareness plan, utility work schedules, and applicable permits for this project are not available at this time. Our Team has carefully reviewed the scope and visited the site and assessed the conditions of the different components and the special characteristics of the area contained within the N. Swinton Avenue project limits.

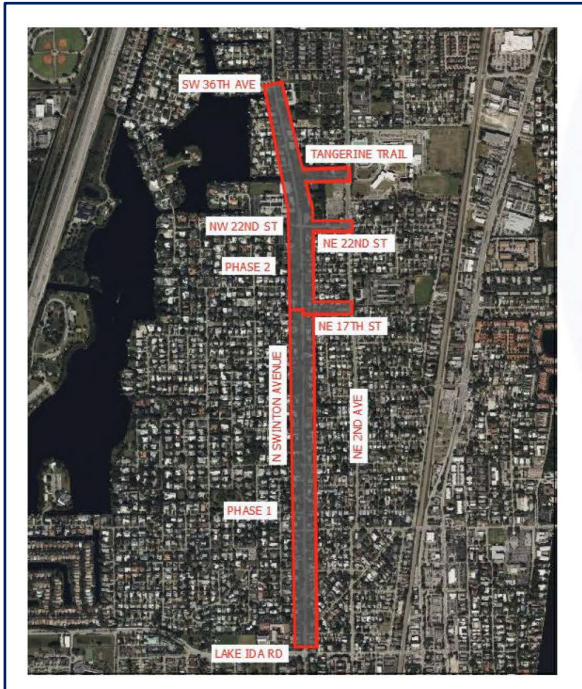
Historic North Swinton Avenue is experiencing pavement deterioration including uneven surfaces of the roadways, asphalt cracking, and accelerated deterioration adversely impacting roadway stability and rideability. This has increased maintenance and shortened the lifespan of resurfacing projects. The City intends to address the deficiencies in the existing roadway and underground utility infrastructure under this project. In addition, there are non-continuous sidewalks that prohibit pedestrian connectivity throughout the roadway corridor. The City intends to provide improved bicycle/pedestrian connectivity along the North Swinton Avenue corridor, including the dedicated bicycle lanes within the NE 2nd Avenue (Seacrest Boulevard) corridor along NE 22nd Street and improvements to the sidewalk located at the NE corner of NE 2nd Avenue and NE 22nd Street Intersection that were not included in the NE 2nd Avenue Beautification Project. The City will also include drainage improvements at the SW corner of NE 2nd Avenue and new 22nd Street. Additionally, drainage, lighting, signing & pavement marking, and landscaping will be addressed throughout the project limits.



CEI Services for N. Swinton Avenue Roadway & Underground Utility Improvements

Our understanding of the scope of services is based on the second public outreach meeting held on January 13th, 2023 the agenda that was presented by the City of Delray and WGI, Inc Engineer of Record (EOR) a Project Overview/Scope of Work, Design Considerations, and Project Schedule were discussed as follows:

PROJECT OVERVIEW/SCOPE OF WORK



Project Limits

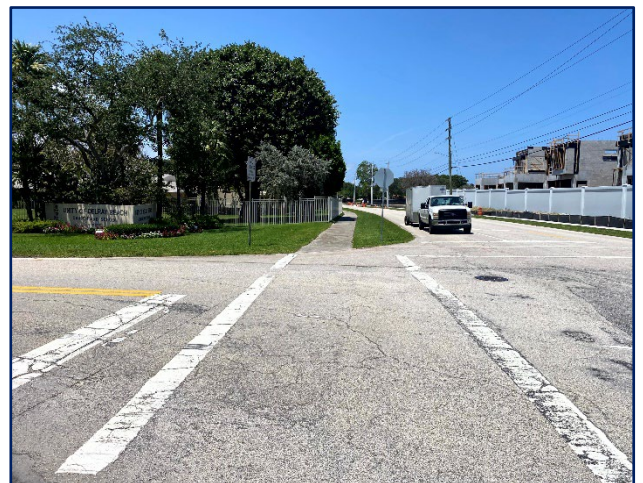
100' North of NE 4th Street/Lake Ida Road
Just South of SW 36th Ave (Northern City of Delray Beach Limits)

Phasing Limits:

Phase 1-South of NE/NW 17th St
Phase 2-North of and including NE/NW 17th St intersection.

City Pavement Condition Index

Pavement in poor condition
Pavement restoration required





CEI Services for N. Swinton Avenue Roadway & Underground Utility Improvements

Sidewalk and ADA Issues

Provide sidewalk continuity
Add Pedestrian Crosswalks
Meet ADA Requirements



Preserving Corridor Character

Historic Quality
Enhanced landscaping design



Traffic Calming

Reduce Speed Limit to 25 MPH
Narrow Pavement Width
Roundabout at NW/NE 22nd Avenue

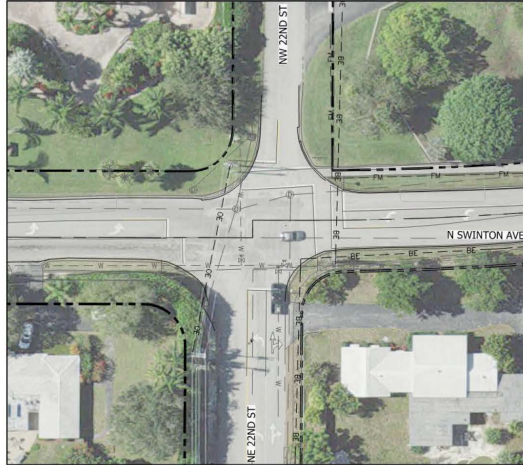


Design Considerations

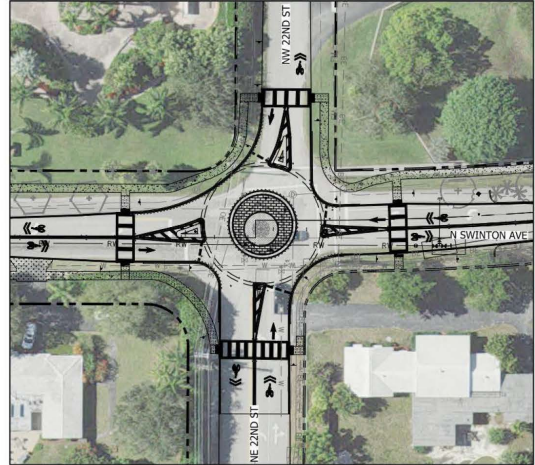
Intersection Improvements

N Swinton Ave. & NE 22nd St
Roundabout Option

EXISTING



PROPOSED



North Swinton Avenue Roadway Reconstruction





*CEI Services for N. Swinton Avenue
Roadway & Underground Utility Improvements*

Drainage

Regrade/Reshape Swales

Reconstruct failing structures and pipes

Drainage analysis



Water Main

Improvements at the North End of Swinton





Wastewater

Lining of the existing sewer main along Swinton



Reclaimed Water Main

**Installation of reclaimed water main
along Swinton from NE 5th Street to Tangerine Trail
Along Tangerine Trail & Along NE 17th Street**



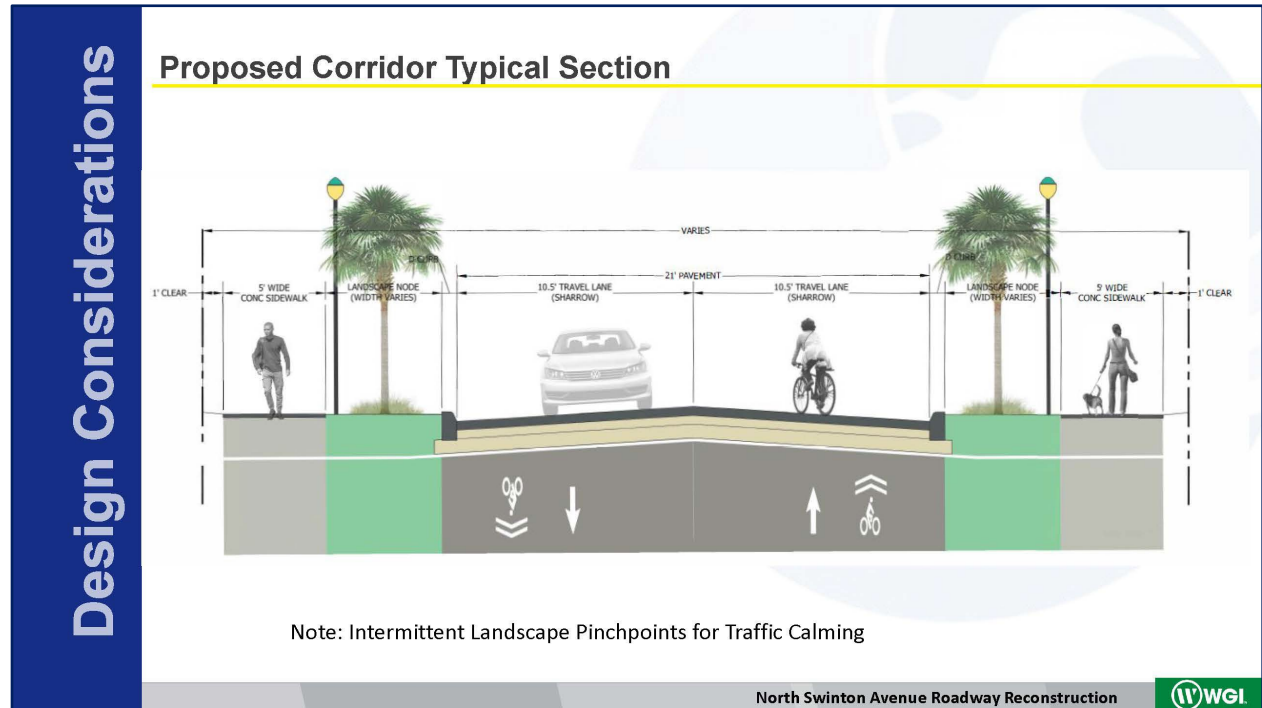


Coordination with existing utility companies
Avoid utility poles on the east side





ROADWAY IMPROVEMENTS



Bicycles

- Sharrow lanes
- Reduced speed limit

Enhance existing curbed bulb-outs

- Reconstruct existing bulb-outs
- Construct new bulb-outs
- Pinch points

Maintain roadway geometry

- Proposed roadway will be narrower than the existing roadway

PEDESTRIAN IMPROVEMENTS

Sidewalk Improvements

- Reconstruct to ADA standards
- Sidewalk connectivity
- Sidewalk connection along NE 22nd St from N Swinton to NE 2nd Ave
- Paver and striped crosswalks

Pedestrian Lighting

- Florida Power and Light Street Lighting Program
- Provide a safe environment for pedestrians

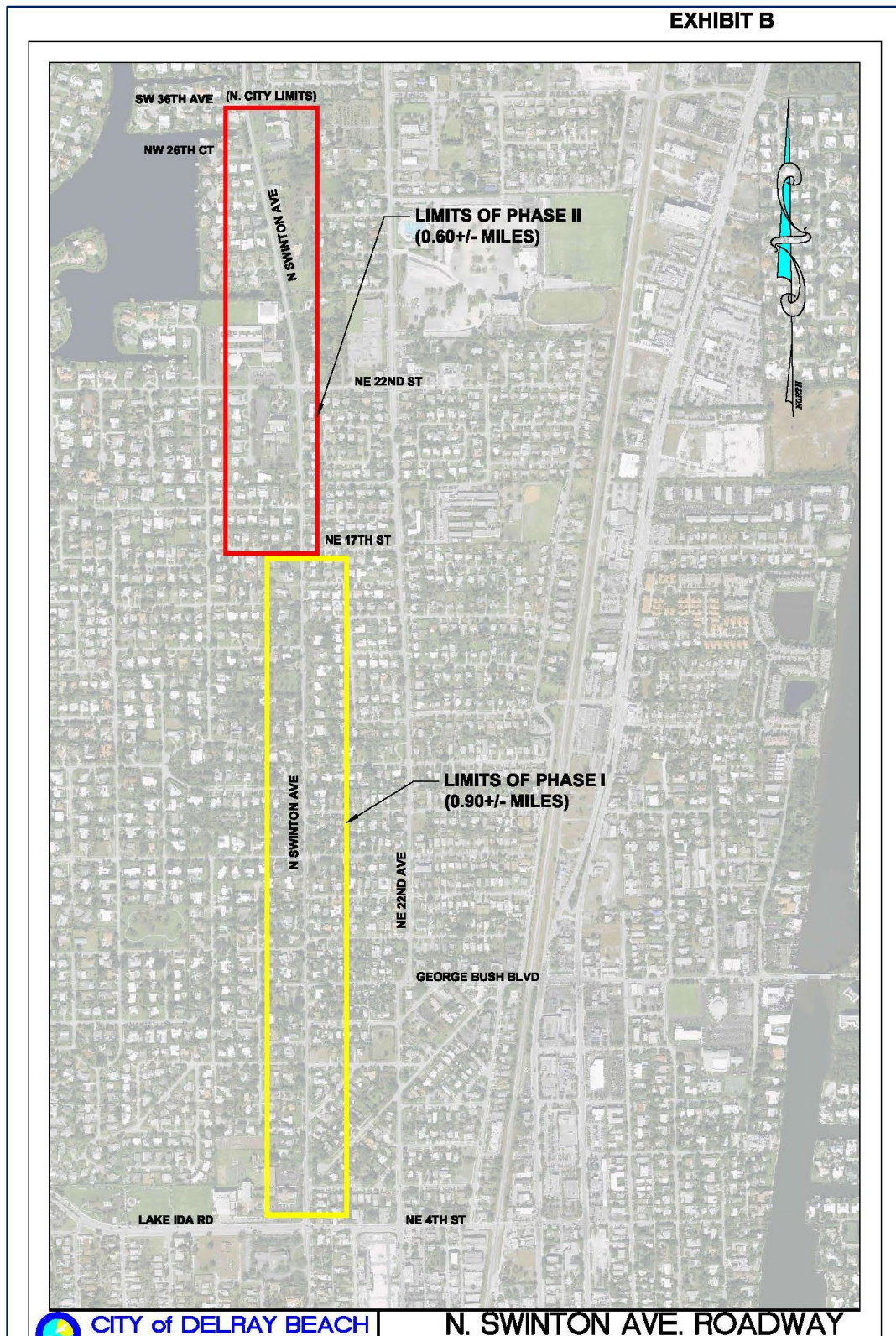
DESIGN CONSIDERATIONS

- Enhance landscape throughout N Swinton Ave corridor for aesthetics and traffic calming



**CEI Services for N. Swinton Avenue
Roadway & Underground Utility Improvements**

Preservation, Relocation, or replacement* of landscaping (* Existing tree survey and condition assessment)





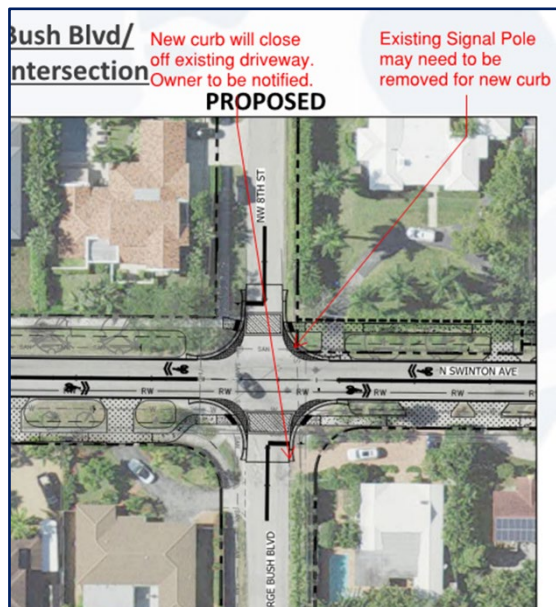
IDENTIFICATION OF POTENTIAL ISSUES RELATED TO THE SCOPE

With the proximity of residences to the reconstruction activities, we anticipate complaints could arise out of compaction efforts for the roadway widening in this area. Advance notification will reduce complaints by adjacent residents and others. Vibration monitoring and existing structure protection: Pre-construction and post-construction surveys on the properties adjacent to the roadway will be performed per FDOT Specification 108.

Potential Conflicts:

The signal pole may require to be removed at the NW corner of the NW 8th St Intersection for new curb placement. There is an existing power pole on the east side of the street that may affect the proposed lighting construction.

We will work with the utility owners during construction to ensure they are protected or relocated as necessary to avoid impacting the project schedule. At the preconstruction conference, the contractor will be provided with every utility owner's field contact information and will coordinate with the CEI during the prosecution of work. Utility owners include the City of Delray Beach Water/Sewer, AT&T, Comcast, Florida Power and Light, Florida Public Utilities Corp., Palm Beach County Traffic Operations, and TECO Gas.





Existing Landscaping within ROW:

Several areas along the roadway will conflict with the reconstruction. CPC will gladly assist in discussing areas encroaching on the project ROW and any additional landscaping items that need to be removed. It will be critical to not let the clearing and grubbing operations remove any trees that are to stay in place. Coordination with the County and the City of Delray Beach will be required for any relocation efforts. It will be important to hold a pre-construction meeting for proposed landscaping and irrigation so that all understand the intent of the proposed work. The CPC Team will coordinate these important landscaping issues with the contractor, county, and city staff.



Tree, pavers, pedestals, and shrubs near 1616 N Swinton:

Plans do not show these two driveways as pavers. We will have to use a different pay item to address payment for the work. The pay items must be present in the bid documents to allow for overruns and underruns for the various types of driveways. Tree # 208 is planned to be removed to make way for the sidewalk. The shrub and the white pedestals between the driveways will also need to be removed per the Clear and Grub plans (CD110) for the new sidewalk.



There is a note in the plan that "Existing landscaping to be replaced as necessary (Typ)" on CG110. The landscape plans have a False Tamarind (LW) to be placed here along with a symbol of the existing landscape to remain (LP-111). The EOR should clarify if new shrubs are required from the contractor to replace those that need to be removed. It will have to be discussed with the owner that items in the Right-of-Way need permission to be granted by the City if allowed to remain.

The plans list the disposition for 256 trees surveyed on site. Most of these are to remain in place. Eight are to be removed and four are to be relocated. The irrigation plan is for the roundabout at NW 22 St. This is the only area where new irrigation will be placed. No new irrigation is shown elsewhere.

Our Team has a dedicated arborist/landscape inspector to advise the city on these issues.



Potential Conflicts:

Sidewalk construction will require advance notification to property owners that will be affected. 1440 N Swinton: Some pavers are to be kept and reinstalled; shrubs will be removed for sidewalk construction. Owners need to be notified ahead of construction that this is within the right of way of the city and in conflict with the proposed new sidewalk. This situation will be encountered many times throughout the project.





**CEI Services for N. Swinton Avenue
Roadway & Underground Utility Improvements**



Potential Conflicts:



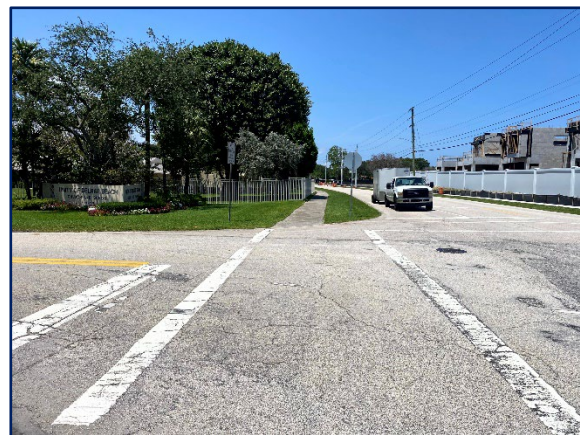
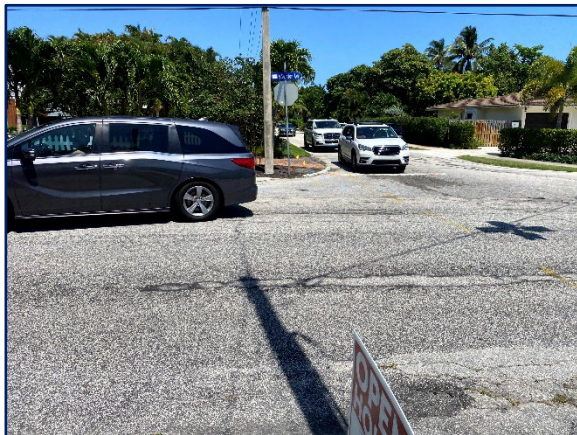
CEI Services for N. Swinton Avenue Roadway & Underground Utility Improvements

This corridor is a high-traffic area. We recommend using advance notification using public outreach efforts and PCMS board announcing the construction operations and to recommend travelers use alternate routes.

As part of the reconstruction, many side street road closures to through traffic will be required. Similar road closures/detours will take place as necessary during construction. The notification of these closures to the local residents will be coordinated with the City of Delray Beach well in advance of the detour installation.

Maintenance of Traffic:

Events in Delray Beach include Green Market, Cruiser Palooza, First Friday Artwalk, Crafted on the Avenue, Pickle Ball Open, Annual Memorial Day Craft Festival, Pride Fest and Concert, Concours d'Elegance, Art & Jaz on the Ave, Savor the Avenue





Traffic Control Plan

The TCP has four phases:

Phase 1 Peripheral, West side to NE 22 St, East side past NE 22 St;

Phase 2 Peripheral, East side to NE 22 St, West side past NE 22 St;

Phase 3 Roundabout at NE 22 St in two sub-steps;

Phase 4 Mill and Resurface:

Per plan note 11, the CEI must coordinate the removal of private landscape and other appurtenances before construction.

This corridor is a high-traffic area. Advance notification using public outreach efforts and PCMS board announcing construction operations to recommend travelers to use alternate routes.

Heavy traffic at George Buch intersection





**CEI Services for N. Swinton Avenue
Roadway & Underground Utility Improvements**



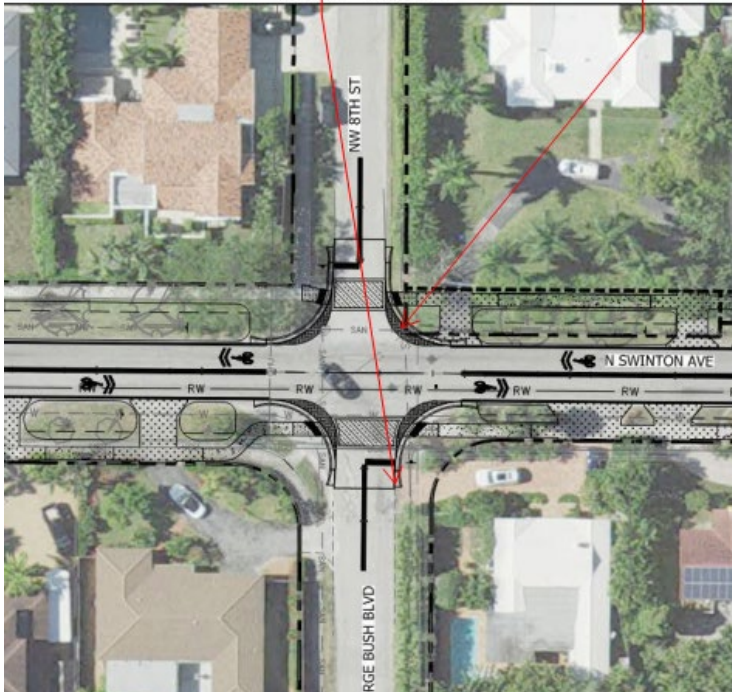
The signal pole may require to be removed at the NW corner of the NW 8th St Intersection for the new curb placement and pavers at the corners. The pole will be located directly behind the new curb. The other pole at the SE corner is a power pole. EOR should verify clear zone requirements at both pole locations. We noticed that the Right-of-Way is being widened at the NW corner to make room for the new sidewalk.

**Bush Blvd/
Intersection**

New curb will close
off existing driveway.
Owner to be notified.

Existing Signal Pole
may need to be
removed for new curb

PROPOSED





This driveway will need to be closed off for a new curb on George Bush Blvd. We will need to notify the owner of some paver removal for new curb placement.

Utility Work and Drainage

Scope includes new Raw water main installation, Lining of existing sanitary sewer, and some water main work at the north end. The raw water main is part of an alternate #2.

New drainage pipe runs are in the same footprint as the existing drainage but with lower inverts and pipe diameter increased from 15" to 24". The contractor will have to remove the old pipe and quickly install new ones to maintain positive drainage.

This team reached out to AT&T's Garth Bedward. The AT&T representative assigned to the project will be Garcia Ramnon. We have established a good relationship with them from past projects. We recommend that the plans be submitted to all the utility owners for them to verify potential conflicts with the improvements and establish a time frame for any required relocation needed by the project: FPL, Gas, AT&T, and Comcast. This will mitigate potential claims of delay from the contractor in the future.

Cold In-Place Recycle and Reconstruction Options

The proposed Inspector and Project Engineer both submit training certificates for Cold In-Place Recycling from the *Transportation Curriculum Coordination Council (TC3)* with this proposal. The Team will be ready if the city elects to have the contractor perform CIR. The choice will be based on price when compared to full reconstruction.



D. Provide details of how the Proposer intends to meet the detailed time schedule.

***What is the estimated Start date and duration for the CEI Services Answer - Apr 18, 2023, 9:10:38 AM
Construction is anticipated to commence in September 2023 and last approximately 24 months. All
dates and durations are approximate and subject to change.***

Critical Activities to Assure Success Meeting Schedule and Ensure Quality:

- ✓ Prior to attending the pre-construction meeting, Dan and Herb will look over the plans for constructability issues that need to be addressed at the Pre-Con.
- ✓ Pre-Construction Meeting: Dan and Herb will attend the Pre-Con and will go over all relevant issues including but not limited to Final acceptance processes, Warranty Bond, Contractor's RLA/QC quarterly Report, the start of the establishment period, etc. A follow-up agenda with minutes will be generated to make sure that all the points discussed during the Pre-con have been addressed.
- ✓ Project Progress Meetings: To be scheduled on a weekly basis.
- ✓ Pre-activity meetings for signal, concrete, drainage, guardrail, earthwork, paver installation, and sidewalk installation.
- ✓ Discuss in detail plan notes, details, schedules, and procedures.
- ✓ Preliminary Inspections: 60% & 90% write up on the preliminary inspection reports with findings and follow-up on the items on the report.
- ✓ Final Inspection: Coordinate with City of Delray Beach staff and maintenance department; write a report on the findings of the inspection and follow up on the items on the report.
- ✓ Recommend Final Acceptance after all issues have been addressed and resolved.

E. Specify the location(s), including the complete physical address, where the work for this project will be performed, including work performed by sub-Consultants, if applicable.

Carnahan Proctor & Cross, Inc. (CPC) is a local firm based in Broward County. Our Project Manager, Dan Tintner, P.E., and Herb Tillman, along with our entire proposed ***CEI Staff for this project is based out of our Deerfield Beach office which is located thirteen (13) miles and approximately twenty minutes of drive time from our door to the proposed N. Swinton Avenue Project.*** Additionally, our CEI Project Team will have the oversight and close logistical support of Dan and our corporate technical and administrative staff. Dan will hold weekly staff meetings with the team to review project issues and discuss strategies and solutions whenever critical issues arise. ***Our proximity to both the project location and the City of Delray Beach offices allows our staff to provide the quickest response to your needs, including impromptu site visits as well as in-office meetings.***

Headquarters/ Responsible Office Location: Carnahan, Proctor and Cross, Inc. (CPC)

Point of Contact: Dan Tintner, PE, Senior Project Engineer

Mobile: 954-593-8774

814 S. Military Trail

Deerfield Beach, Florida, 33342

Phone: 954-972-3959



SUBCONSULTANTS



THE MERCHANT STRATEGY

THE MERCHANT STRATEGY, INC. PUBLIC INVOLVEMENT
1804 N. Dixie Highway B, West Palm Beach, FL 33407

The Merchant Strategy, Inc. (TMS) is a woman-owned small business providing public involvement, government/community relations, and crisis management. TMS is led by Sharon Merchant, a lifelong resident of South Florida and former State Representative. Sharon provides the essential skills, relationships, and experience to help clients communicate about projects effectively, build support and cut through government red tape.

The TMS client list includes city and county governments, non-profit agencies, small businesses, and industry leaders in transportation, architecture, engineering, construction, environmental services, small businesses, utilities, energy production, and manufacturing. TMS is certified DBE by the Florida Department of Transportation, MBE and SBE by Palm Beach County, Florida, the South Florida Water Management District, and the City of West Palm Beach, and MBE by the Palm Beach and Broward County School Districts and the State of Florida.



**Environmental
Consulting
Services Group**

ECS GROUP ARBORIST/LANDSCAPE INSPECTIONS
1627 NE 17th Terrace, Fort Lauderdale, FL 33305

Marisa Magrino has been working as an environmental professional in Florida since 2004. Marisa Magrino is an ISA Certified Arborist, Landscape Inspectors Association of Florida (LIAF) Certified Landscape Inspector, and Florida Nursery, Growers and Landscape Association (FNGLA) Certified Landscape Technician and Horticulture Professional. With extensive experience in Florida ecosystems, ECS Group can provide an array of environmental services and innovative solutions to their clients. Our focus is to create a customized action plan for each client to ensure meeting our client's needs in a timely manner.



MOMENTUM

MOMENTUM CEI Inc. CEI SUPPORT
1961 NW 18th Way, Pembroke Pines, FL 33314

Robert Audette, PE is a former CPC Project Administrator and continues to partner with CPC under his company Momentum CEI, Inc. Robert has worked under Dan Tintner, PE on CEI projects including the City of Oakland Park Andrews Avenue FDOT Local Agency Program project.



F. Proposer shall thoroughly explain:

- ***Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision:***

CPC's Project Manager (PM), Dan Tintner, PE will provide construction administration services and will be the Primary Contact and will have the primary responsibility for all communications with the City Engineer, the Design Engineer, and the Contractor

- ***How the Proposer physically plans on attending pre-schedule meetings:***

Dan Tintner, PE will assign a Resident Project Representative (RPR) to the project. Either the PM or the RPR will be available for all prescheduled meetings.

- ***How the Proposer plans on ensuring accessibility and availability during the term of the Agreement:***

CPC assures accessibility either in person, in virtual Teams meetings, or through the use of smartphones, emails, and mobile tablets. CPC's home office is located less than 20 minutes from the project which also ensures accessibility.

CPC TEAM AVAILABILITY & COMMITMENT



Our team has a proven track record on relevant projects. We are very familiar with the local features and common issues found on this residential roadway project. We are committed to an innovative Value Engineering style that has produced superior results every time and we pride ourselves on these successful results. We look forward to demonstrating our commitment to this very important project and working hard to accomplish our joint goals of making this project a success!

Availability, Personnel, and Cost Management: This is as important as any other aspect of the project to meet the time and cost goals. We believe in being efficient while controlling costs. Our track record for our current assignments proves that we can perform all required functions (and even go above and beyond) without exceeding the negotiated budget. We are prepared to schedule and rotate our personnel in order to minimize overtime costs if the contractor elects to work extended hours and weekends. CPC will request a detailed CPM schedule as soon as the contract is awarded and we will make sure the Contractor has accounted for submittals, shop drawings, materials review, the City's approval, MOT Phases, fabrication periods, utility work & semi-final and final inspection activities. Our staff has already started going over the controlling items of work and is proactively looking for ways to reduce activity durations.



ATTACHMENTS



City of Delray Beach

RFQ No. 2023-041

Project No. 19-012 / N. Swinton Avenue Roadway & Underground Utility Improvements
CONSTRUCTION ENGINEERING & INSPECTION SERVICES

SECTION 6: PROPOSAL SUBMITTALS

6.1 FORMS

The forms listed below shall be completed by an official having legal authorization to contractually bind the company or firm. Each signature represents a binding commitment upon the Proposer to provide the goods and/or services offered to the City if the Proposer is determined to be the most responsive and responsible Proposer. Solicitation forms should be uploaded to <https://www.periscopeholdings.com/S2G>

- A. Acknowledgment of Addenda
- B. Proposal Submittal Signature Page
- C. Conflict of Interest Disclosure Form
- D. Notification of Public Entity Crimes Law
- E. Notification of Public Records Law
- F. Drug-Free Workplace
- G. Non-Collusion Affidavit
- H. Truth-In-Negotiation Certificate
- I. Scrutinized Company
- J. Condition of Purchase
- K. Sample Performance Bond Format (not required, intentionally omitted)
- L. Sample Payment Bond Format (not required, intentionally omitted)
- M. Sample Letter of Credit Format (not required, intentionally omitted)

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CONSTRUCTION ENGINEERING & INSPECTION SERVICES

ACKNOWLEDGEMENT OF ADDENDA

Instructions: Complete Part I or Part II, Whichever Applies

PART I:

List below the dates of issue for each addendum received in connection with this Solicitation:

Addendum #1, Dated May 9th, 2023

Addendum #2, Dated _____

Addendum #3, Dated _____

Addendum #4, Dated _____

Addendum #5, Dated _____

Addendum #6, Dated _____

Addendum #7, Dated _____

Addendum #8, Dated _____

Addendum #9, Dated _____

Addendum #10, Dated _____

PART II:

☐ NO ADDENDUM WAS RECEIVED IN CONNECTION WITH THIS SOLICITATION

Carnahan, Proctor & Cross, Inc.

Firm Name



Signature

Gregory Proctor, PE / President

Name and Title (Print or Type)

05/04/2023

Date

City of Delray Beach

RFQ No. 2023-041

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CONSTRUCTION ENGINEERING & INSPECTION SERVICES

PROPOSAL SUBMITTAL SIGNATURE PAGE

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

Firm Name: Carnahan, Proctor & Cross, Inc.

Street Address: 814 Military Trail, Deerfield Beach, FL 33442


Mailing Address (if different from Street Address): Same as above

Telephone Number(s): 954-972-3959

Fax Number(s): 954-972-4178

Email Address: GProctor@cpc-eng.com

Federal Employer Identification Number: 59-1768002

Signature: 
(Signature of authorized agent)

Print Name: Gregory Proctor, PE

Title: President

Date: 05/04/2023

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

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF Proposer TO BE BOUND BY THE TERMS OF ITS PROPOSAL, FOR NOT LESS THAN 120 DAYS, AND THE Proposer's UNEQUIVOCAL OFFER TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH IN THIS SOLICITATION. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE, BY AN AUTHORIZED REPRESENTATIVE, SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE Proposer TO THE TERMS OF ITS PROPOSAL.

City of Delray Beach

RFQ No. 2023-041

Project No. 19-012 / N. Swinton Avenue Roadway & Underground Utility Improvements
CONSTRUCTION ENGINEERING & INSPECTION SERVICES

CONFLICT OF INTEREST DISCLOSURE FORM

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

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

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

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

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

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

Acknowledged by:

Carnahan, Proctor & Cross, Inc.

Firm Name



Signature

Gregory Proctor, PE / President

Name and Title (Print or Type)

05/04/2023

Date

City of Delray Beach

RFQ No. 2023-041

Project No. 19-012 / N. Swinton Avenue Roadway & Underground Utility Improvements
CONSTRUCTION ENGINEERING & INSPECTION SERVICES

NOTIFICATION OF PUBLIC ENTITY CRIMES LAW

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

Acknowledged by:

Carnahan, Proctor & Cross, Inc.

Firm Name

Signature

Gregory Proctor, PE / President

Name and Title (Print or Type)

05/04/2023

Date

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City of Delray Beach

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CONSTRUCTION ENGINEERING & INSPECTION SERVICES

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

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

IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, *FLORIDA STATUTES*, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT OFFICE OF THE CITY CLERK LOCATED AT 100 NW 1ST STREET, DELRAY BEACH, FLORIDA 33444, PHONE NUMBER (561) 243-7000, EMAIL ADDRESS: JOHNSONK@MYDELRAYBEACH.COM.

Acknowledged:

[Carnahan, Proctor & Cross, Inc.](#)

Firm Name

Signature

[Gregory Proctor, PE, President](#)

Name and Title (Print or Type)

[05/04/2023](#)

Date

City of Delray Beach

RFQ No. 2023-041

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CONSTRUCTION ENGINEERING & INSPECTION SERVICES

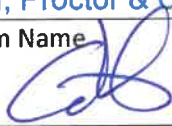
DRUG-FREE WORKPLACE

Carnahan, Proctor & Cross, Inc. is a drug-free workplace and has
(Company Name)
a substance abuse policy in accordance with and pursuant to Section 440.102, *Florida Statutes*.

Acknowledged by:

Carnahan, Proctor & Cross, Inc.

Firm Name



Signature

Gregory Proctor, PE / President

Name and Title (Print or Type)

05/04/2023

Date

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City of Delray Beach

RFQ No. 2023-041

Project No. 19-012 / N. Swinton Avenue Roadway & Underground Utility Improvements
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NON-COLLUSION AFFIDAVIT

STATE OF Florida
COUNTY OF Broward

Before me, the undersigned authority, personally appeared Gregory Proctor, PE, who, after being by me first duly sworn, deposes and says of his/her personal knowledge that:

- a. He/She is President of Carnahan, Proctor & Cross, Inc the Proposer that has submitted a Proposal to perform work for the following:

RFQ No.: 2023-041 Title: CEI Services for N. Swinton Ave

- b. He/She is fully informed respecting the preparation and contents of the attached Request for Qualifications, and of all pertinent circumstances respecting such Solicitation.

Such Proposal is genuine and is not a collusive or sham Proposal.

- c. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Proposer, firm, or person to submit a collusive or sham Proposal in connection with the Solicitation and contract for which the attached Proposal has been submitted or to refrain from proposing in connection with such Solicitation and contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm, or person to fix the price or prices in the attached Proposal or any other Proposer, or to fix any overhead, profit, or cost element of the Proposal price or the Proposal price of any other Proposer, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the City or any person interested in the proposed contract.

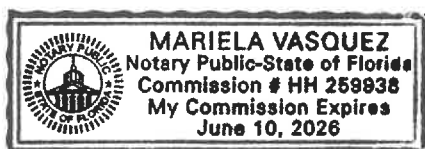
- d. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.


Signature

Subscribed and sworn to (or affirmed) before me this 4th day of May 2023, by Gregory Proctor, PE, who is personally known to me or who has produced _____ as identification.

SEAL

Notary Signature Mariela Vasquez
Notary Name: Mariela Vasquez
Notary Public (State): Florida
My Commission No: HH 259938
Expires on: June 10, 2026



City of Delray Beach

RFQ No. 2023-041

Project No. 19-012 / N. Swinton Avenue Roadway & Underground Utility Improvements
CONSTRUCTION ENGINEERING & INSPECTION SERVICES

TRUTH – IN – NEGOTIATION CERTIFICATE

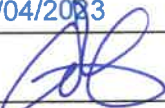
The undersigned warrants (i) that it has not employed or retained any company or person, other than bona fide employees working solely for the undersigned, to solicit or secure the Agreement and (ii) that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than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

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

Name: Gregory Proctor, PE

Title: President

Date: 05/04/2023

Signature: 

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City of Delray Beach

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Scrutinized Company Certification

This certification is required pursuant to Florida State Statute Section 287.135.

As of July 1, 2011, a company that, at the time of bidding or submitting a proposal for a new contract or renewal of an existing contract, is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List is ineligible for, and may not bid on, submit a proposal for, or enter into or renew a contract with an agency or local governmental entity for goods or services of \$1 million or more.


Companies must complete and return this form with its response.

Company. Carnahan, Proctor & Cross, Inc. FID or EIN No. 59-1768002

Address. 814 Military Trail

City. Deerfield Beach State. FL Zip. 33442

I, Gregory Proctor, PE as a representative of Carnahan, Proctor & Cross, Inc.
certify and affirm that this company is not on the Scrutinized Companies with Activities in Sudan List or
the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

	<u>President</u>
Signature	Title
<u>Gregory Proctor, PE</u>	<u>05/04/2023</u>
Printed Name	Date