



PREPARED BY:
Culpepper & Terpening
2980 S. 25th Street
Fort Pierce, Florida
772-464-3537
October 24, 2024

City of Port St. Lucie

E-RFP 20240172 - Floresta Drive Phase 3 CEI and Geotechnical Services





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LETTER OF TRANSMITTAL

October 24, 2024

City of Port St. Lucie
 Attention: Procurement Division
 121 SW Port St. Lucie Blvd.
 Port St. Lucie, Florida 34984

Culpepper & Terpening, Inc.
 2980 S. 25th Street
 Fort Pierce, Florida
 772-464-3537

RE: eRFP 20240172 - Floresta Drive Phase 3 CEI and Geotechnical Services

Dear Ms. Alaina Knofla and Members of the Selection Committee,

On behalf of Culpepper & Terpening, Inc. (“C&T”), we are pleased to present the City of Port St. Lucie (“City”), with our sealed electronic submittal in response to eRFP 20240172 for Floresta Drive Phase 3 CEI and Geotechnical Services (“Project”).

Experience and Commitment

For **OVER 40 YEARS**, C&T has had the privilege of providing professional construction engineering and inspection (“CEI”) services for the City of Port St. Lucie. Our long-standing relationship with the City has allowed us to successfully complete **OVER 200 CEI PROJECTS**, including **FLORESTA DRIVE PHASE 1 AND PHASE 2 CEI PROJECTS**. Our projects have enhanced transportation safety, improved traffic flow, and created a more pedestrian-friendly environment for City residents. C&T’s commitment to this community runs deep, and as we pursue Phase 3, we bring the same dedication to delivering high-quality infrastructure improvements. By leveraging our extensive experience and strong partnerships with local stakeholders, we continue to support the City’s long-term vision for sustainable growth, safety, and connectivity. At C&T, we recognize the importance of creating a clean, safe, and well-connected environment, and we are excited about the opportunity to contribute to this ambitious Project. Our approach aligns perfectly with the City’s mission to plan for a thriving future while enhancing the overall quality of life for its residents. We are honored to be part of this journey and look forward to making a lasting impact on the community.

Local Expertise and Team

Headquartered in St. Lucie County, the majority of C&T employees reside in Port St. Lucie and **ALL C&T EMPLOYEES** live in the Treasure Coast. As a full-service civil engineering firm, our services include complete in-house CEI, design, and survey services. C&T will

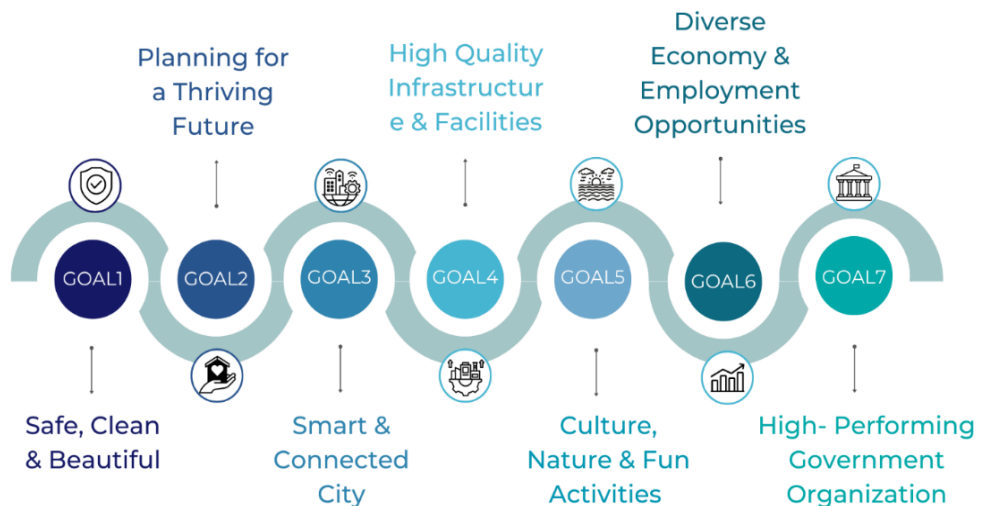


Figure 1 – Port St. Lucie’s Strategic Goals



utilize its vast knowledge of the City to provide specific Project insight to minimize CEI and construction costs and allow for a comprehensive project schedule that will meet the City's timetable for project completion. The Project will be assigned a highly accomplished project team, with an **ACCUMULATED 150 YEARS OF EXPERIENCE**, selected specifically to accomplish the required goals of the Project.

Innovative Approach

Our CEI approach is centered on a thorough understanding of the City's budgetary goals, quality standards and stakeholder satisfaction. We prioritize quality control, conduct constructability reviews, and implement value engineering at every project milestone. For all our CEI projects, our guiding principle remains the same: to deliver the highest quality service while keeping the client's best interest in mind. This ensures that each construction project we supervise is completed on time, within budget, and minimizes public complaints. With our extensive local experience and familiarity with the City's organizational structure and expectations, we are confident that our Project team is uniquely qualified to meet your needs for Floresta Drive Phase 3. Below are four critical matters to our approach:

- **Utility Relocations** - There are extensive utility conflicts on this Project. It will be critical to properly identify all conflicts and plan adjustments well in advance of commencement of the conflicting work. Our experience and relationships with Port St. Lucie Utility Systems Department (PSLUSD), Florida Power & Light (FPL), Comcast and AT&T will be crucial to keep work on schedule.
- **Working in Tight Spots Close to Neighbors** - This Project calls for construction activities in extremely close proximity to residential areas and would benefit from having a team with specific and personal knowledge of these residents and their neighbors. Working in neighborhood areas is one of our strong points. C&T has overseen the CEI and restoration of residential projects in the City of Port St. Lucie and within this corridor for over 40 years. This local knowledge and invaluable first-hand experience make us ideally qualified to work in these residents' front yards for the Floresta Widening Phases 3 project. We know the residents; they are our neighbors.
- **Access to Homes and Businesses** - We understand this Project is much more than a CEI project. We will assure that access is maintained for the residents and businesses at all times and that pedestrian and traffic impacts are minimized.
- **Safety of the Public** – Residents' safety is priority. We will continuously review safety regarding, but not limited to: pedestrians, bus stops, and children that live adjacent to the work area.

Collaboration and Communication

Effective teamwork is essential. We prioritize collaboration with stakeholders, including community members, local authorities, and other professionals. We prioritize open and transparent communication, ensuring that stakeholders are informed at every Project stage. At C&T, we recognize that seamless communication is the backbone of successful engineering projects. Our commitment to staying at the forefront of technology ensures that we harness the power of the latest communication tools. Here are some of the ways we utilize technology for project success:

- **Collaborative Platforms** - We utilize cloud-based collaboration platforms, enabling real-time interaction among team members, clients, and stakeholders. Whether it's project updates or progress tracking, our platforms facilitate efficient communication.
- **Virtual Meetings and Webinars** - C&T embraces virtual meetings and webinars, transcending geographical boundaries. Our engineers engage in interactive sessions with clients, regulatory agencies, and community members. These platforms foster transparency and allow us to address concerns promptly.
- **Mobile Applications** - Our engineers stay connected on the go. Mobile applications provide instant access to project data and field reports. Whether it's inspecting a construction site or reviewing plans, our team remains agile and informed.



- **Secure Communication Channels** - We prioritize data security. Encrypted emails, secure file-sharing protocols, and VPNs safeguard sensitive information during project discussions.

Why C&T?

- We are the most experienced company when it comes to overseeing construction projects within the City's neighborhood areas with a proven track record of success.
- We are committed and loyal to the City. The City is our primary client. Our goal is to protect and fully meet the City's needs. We always aim to protect the City's budget.
- Our highest-qualified staff members will be assigned to this project – our "A-Team" is always available to the City.
- We understand the City's commitment to safety. We will address safety and pause work if unsafe conditions exist.
- We have spent decades establishing relationships and compiling institutional knowledge of the neighborhoods within the project limits of Riverview, Floresta Gardens and Floresta Pointe, the property owners, historical surveys, and the utilities that service local residents.
- We provide added value. At the City's request, we perform value-added functions, including authorized plan and field changes, minimizing additional post-design services from the Engineer of Record. Other consultants may not take this risk.

We look forward to the opportunity to partner with the City of Port St. Lucie on this noteworthy Project. If you have any questions or need further information, please feel free to contact me at (772) 464-3537.

Sincerely,

CULPEPPER & TERPENING, INC.

Marcelo Dimitriou, PE
Director of CEI



Tab 1

Firm's Qualifications



1A. LICENSES, CERTIFICATIONS OR OTHER DOCUMENTATION

BUSINESS LICENSES

Licensee Details

Licensee Information

Name: CULPEPPER & TERPENING, INC. (Primary Name)
 Main Address: 2980 SOUTH 25TH STREET
 FORT PIERCE Florida 34981
 ST. LUCIE
 County: ST. LUCIE

License Mailing:

LicenseLocation: 2980 S 25TH ST
 FT PIERCE FL 349810000
 County: ST. LUCIE

License Information

License Type: Registry
 Rank: Registry
 License Number: 4286
 Status: Current
 Licensure Date: 12/05/1985
 Expires:

Special Qualifications Qualification Effective


Alternate Names

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

License No.: **LB4286**
 Expiration Date February 28, 2025

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


CULPEPPER & TERPENING INC
 2980 SOUTH 25TH STREET
 FORT PIERCE, FL 34981



 WILTON SIMPSON
 COMMISSIONER OF AGRICULTURE

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



INDIVIDUAL PROFESSIONAL LICENSES AND CERTIFICATIONS

 Ron DeSantis, Governor

Melanie S. Griffin, Secretary 

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS


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

TERPENING, JAMES PARKER JR.
106 NE CHARLESTON OAKS DR.
PORT SAINT LUCIE FL 34983

LICENSE NUMBER: PE24276


EXPIRATION DATE: FEBRUARY 28, 2025


Always verify licenses online at MyFloridaLicense.com



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Melanie S. Griffin, Secretary 

STATE OF FLORIDA

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MATTHES, STEFAN KARL
4320 THOUSAND PINES DRIVE
FORT PIERCE FL 349810000

LICENSE NUMBER: PE38723

EXPIRATION DATE: FEBRUARY 28, 2025

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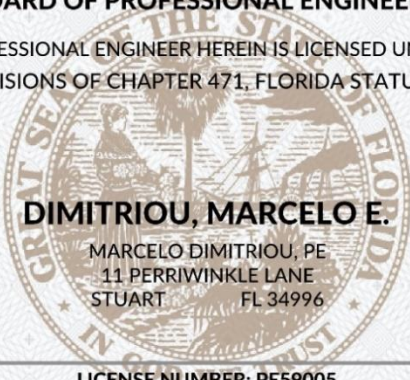
Melanie S. Griffin, Secretary



STATE OF FLORIDA

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DIMITRIOU, MARCELO E.
MARCELO DIMITRIOU, PE
11 PERRIWINKLE LANE
STUART FL 34996

LICENSE NUMBER: PE59005

EXPIRATION DATE: FEBRUARY 28, 2025

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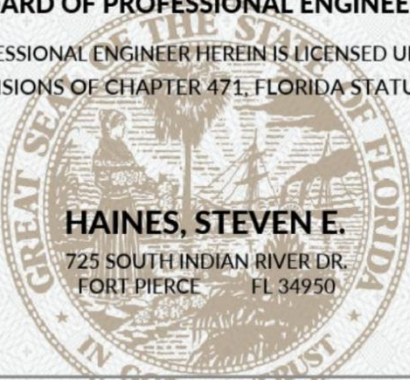
Melanie S. Griffin, Secretary



STATE OF FLORIDA

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HAINES, STEVEN E.
725 SOUTH INDIAN RIVER DR.
FORT PIERCE FL 34950

LICENSE NUMBER: PE71522

EXPIRATION DATE: FEBRUARY 28, 2025

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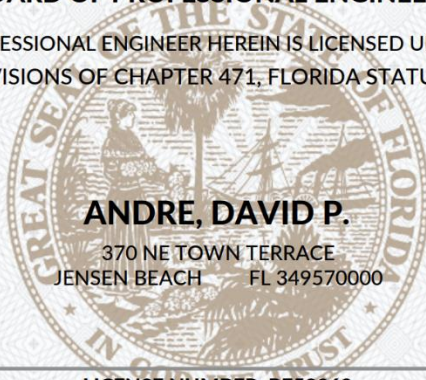
Melanie S. Griffin, Secretary



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ANDRE, DAVID P.
370 NE TOWN TERRACE
JENSEN BEACH FL 349570000

LICENSE NUMBER: PE53969

EXPIRATION DATE: FEBRUARY 28, 2025

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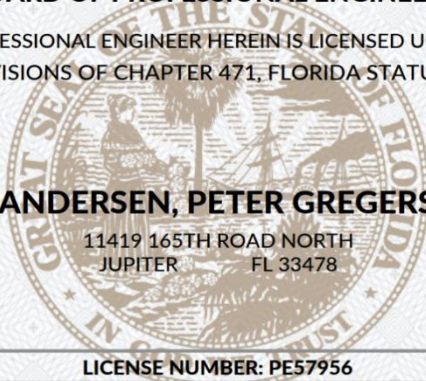
Melanie S. Griffin, Secretary



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ANDERSEN, PETER GREGRS
11419 165TH ROAD NORTH
JUPITER FL 33478

LICENSE NUMBER: PE57956

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Melanie S. Griffin, Secretary



STATE OF FLORIDA

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ZRALLACK, MARK CHRISTOPHER

261 GORCHOFF ROAD
FORT PIERCE FL 34945

LICENSE NUMBER: PE86546

EXPIRATION DATE: FEBRUARY 28, 2025

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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

PANT, SHARMILA

5433 FANTASY DR
FORT PIERCE FL 34947

LICENSE NUMBER: PE98836

EXPIRATION DATE: FEBRUARY 28, 2025

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**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

CONSTRUCTION INDUSTRY LICENSING BOARD

THE IRRIGATION SPECIALTY CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

WALKER, MITCHEL A

INDIVIDUAL
642 YATES ROAD
NEWPORT WA 99156

LICENSE NUMBER: SCC131152141

EXPIRATION DATE: AUGUST 31, 2026

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ISSUED: 08/27/2024

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**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

WILBUR, AARON MARSHALL

1916 LEN DR.
NORTH PALM BEACH FL 33408

LICENSE NUMBER: LA6667229

EXPIRATION DATE: NOVEMBER 30, 2025

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ISSUED: 11/07/2023

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Ron DeSantis, Governor

Melanie S. Griffin, Secretary



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

QUALIFIED PROFESSIONAL MANGROVE TRIMMER

COTLEUR, ROBERT JOSEPH

COTLEUR & HEARING INC
C-O COTLEUR & HEARING
1934 COMMERCE LANE, SUITE 1
JUPITER FL 33458

LICENSE NUMBER: LA0001067

EXPIRATION DATE: NOVEMBER 30, 2025

Always verify licenses online at MyFloridaLicense.com

ISSUED: 12/20/2023

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IRRIGATION ASSOCIATION

Certifies that on
August 19, 2022

Steven Rivera

Has earned the designation of

Certified Irrigation Technician

Certification ID # 247481

Kevin Rinschler, CIC, CID, CLIA
Chair, Certification Board

After December 31, 2022 this certificate is valid only when accompanied by a current renewal card.





The International Society of Arboriculture

Hereby Announces That

Steven Rivera

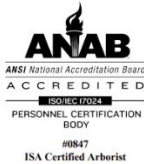
Has Earned the Credential

ISA Certified Arborist ®

By successfully meeting ISA Certified Arborist certification requirements through demonstrated attainment of relevant competencies as supported by the ISA Credentialing Council

Caitlyn Pollihan
 Caitlyn Pollihan
 CEO & Executive Director

3 August 2024	31 December 2027	FL-10180A
Issue Date	Expiration Date	Certification Number



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- [Find Exam Information](#)
- [Unlicensed Activity Search](#)
- [AB&T Delinquent Invoice & Activity List Search](#)

LICENSEE DETAILS

10:50:09 AM 9/24/2024

Licensee Information

Name:	KRAFT, WESLEY A. (Primary Name)
Main Address:	4155 21ST ST SW VERO BEACH Florida 32968
County:	INDIAN RIVER

License Information

License Type:	Engineering Intern
Rank:	Eng Intern
License Number:	1100017836
Status:	Current
Licensure Date:	09/24/2013
Expires:	



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

License No.: **LS6199**
Expiration Date February 28, 2025

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

THOMAS P KIERNAN
1312 SW FAST ST
PALM CITY, FL 34990-4139

WILTON SIMPSON
COMMISSIONER OF AGRICULTURE

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

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CORPORATE CHARTER

State of Florida Department of State

I certify from the records of this office that CULPEPPER & TERPENING, INC. is a corporation organized under the laws of the State of Florida, filed on November 15, 1985.


The document number of this corporation is H85712.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 8, 2024, 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 Twenty-second day of January,
2024*




Secretary of State

Tracking Number: 1734484583CU

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

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State of Florida Department of State

I certify from the records of this office that JOHNSON, MIRMIRAN & THOMPSON, INC. is a Maryland corporation authorized to transact business in the State of Florida, qualified on March 7, 1985.


The document number of this corporation is P05237.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 16, 2024, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Sixteenth day of January, 2024*




Secretary of State

Tracking Number: 7184584893CU

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State of Florida

Department of State

I certify from the records of this office that ANDERSEN ANDRE CONSULTING ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on November 29, 2005.


The document number of this corporation is P05000156896.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 3, 2024, 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 Third day of January, 2024*




Secretary of State

Tracking Number: 8766592080CC

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State of Florida

Department of State

I certify from the records of this office that ARDAMAN & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 2, 1990, effective December 28, 1989.


The document number of this corporation is L40551.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on January 3, 2024, 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 Third day of January, 2024*




Secretary of State

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State of Florida

Department of State

I certify from the records of this office that HOBE SOUND ENVIRONMENTAL CONSULTANTS, INC. is a corporation organized under the laws of the State of Florida, filed on October 26, 2011.


The document number of this corporation is P11000093733.

I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on February 1, 2024, 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 First day of October, 2024*




Secretary of State

Tracking Number: 5213602667CU

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State of Florida

Department of State


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

The document number of this limited liability company is L04000000183.

I further certify that said limited liability company has paid all fees due this office through December 31, 2024, that its most recent annual report was filed on February 6, 2024, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Sixth day of February, 2024*




Secretary of State

Tracking Number: 8983709512CC

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



State of Florida

Department of State


I certify from the records of this office that COTLEUR & HEARING LANDSCAPE ARCHITECTURE, LLC is a limited liability company organized under the laws of the State of Florida, filed on September 11, 2014.

The document number of this limited liability company is L14000142342.

I further certify that said limited liability company has paid all fees due this office through December 31, 2024, that its most recent annual report was filed on February 1, 2024, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the First day of February, 2024*




Secretary of State

Tracking Number: 7432683855CC

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FDOT PRE QUALIFICATION



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

August 2, 2024

James Terpening, COO
CULPEPPER & TERPENING, INC.
2980 South 25th Street
Ft. Pierce, Florida 34981

Dear Mr. Terpening:

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

- 3.1 Minor Highway Design
- 3.2 Major Highway Design

- 6.1 Traffic Engineering Studies
- 6.2 Traffic Signal Timing

- 7.1 Signing, Pavement Marking and Channelization
- 7.3 Signalization

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

- 10.1 Roadway Construction Engineering Inspection

- 13.5 Subarea/Corridor Planning
- 13.6 Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00.* This status shall be valid until August 2, 2025, for contracting purposes.

*Limit for FDOT projects only

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

Sincerely,

Carliayn Kell
Professional Services Qualification Administrator



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 22, 2024

Sergio Quevedo, Senior Vice President
JOHNSON, MIRMIRAN & THOMPSON, INC.
2000 East 11th Avenue, Suite 300
Tampa, Florida 33605

Dear Mr. Quevedo:

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

- 2.0 Project Development and Environmental (PD&E) Studies
 - 3.1 Minor Highway Design
 - 3.2 Major Highway Design
 - 3.3 Controlled Access Highway Design
- 4.1.1 Miscellaneous Structures
 - 4.1.2 Minor Bridge Design
 - 4.2.2 Major Bridge Design - Steel
- 6.1 Traffic Engineering Studies
 - 6.2 Traffic Signal Timing
 - 6.3.1 Intelligent Transportation Systems Analysis and Design
 - 6.3.2 Intelligent Transportation Systems Implementation
 - 6.3.3 Intelligent Transportation Traffic Engineering Systems Communications
- 7.1 Signing, Pavement Marking and Channelization
 - 7.2 Lighting
 - 7.3 Signalization
- 10.1 Roadway Construction Engineering Inspection
 - 10.3 Construction Materials Inspection
 - 10.4 Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 Major Bridge CEI - Concrete
 - 10.5.2 Major Bridge CEI - Steel
- 13.3 Policy Planning
- 13.4 Systems Planning
- 13.5 Subarea/Corridor Planning
- 13.6 Land Planning/Engineering
- 13.7 Transportation Statistics



Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2025, for contracting purposes.

Approved Rates

Home Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Home Direct Expense	Field Direct Expense
157.54%	130.58%	0.189%	Reimbursed	3.58%	6.30%*

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

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

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

Sincerely,

Carliayn Kell
 Professional Services
 Qualification Administrator



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

May 6, 2024

David Andre, Principal
ANDERSEN ANDRE CONSULTING ENGINEERS, INC.
834 SW Swan Avenue
Port St. Lucie, Florida 34983

Dear Mr. Andre:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.2 - Geotechnical Classification Laboratory Testing
 - 9.3 - Highway Materials Testing
 - 9.4.1 - Standard Foundation Studies

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00.* This status shall be valid until May 6, 2025, for contracting purposes.

*Limit for FDOT projects only

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Florida Department of Transportation

RON DESANTIS
 GOVERNOR

605 Suwannee Street
 Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
 SECRETARY

March 13, 2024

Ernest Austel Cox III, Senior Vice President
 ARDAMAN & ASSOCIATES, INC.
 8008 South Orange Avenue
 Orlando, Florida 32809

Dear Mr. Cox:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.2 - Geotechnical Classification Laboratory Testing
 - 9.3 - Highway Materials Testing
 - 9.4.1 - Standard Foundation Studies
 - 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing

- Group 10 - Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until March 31, 2025, for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense	Published Fee Schedule
164.01%	131.39%	0.897%	Reimbursed	No	29.86%	6.14%*	Yes

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

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



SLC BUSINESS TAX RECEIPT



2024 - 2025

St. Lucie County Local Business Tax Receipt

P.O. Box 308, Fort Pierce, FL 34954
 tcslc.com

Facilities or machines # Rooms # Seats # Employees #6 Receipt #8911-00021487
 Type of business 8911 ARCHITECT/ENGINEER/LAND SURV Expires SEPTEMBER 30, 2025
 (ENGINEER)

DBA name Culpepper & Terpening Inc Business: Terpening James P Jr
 Mailing address: Culpepper & Terpening Inc Business location: 2980 S 25Th Street
 2980 S 25Th St Fort Pierce, FL 34981
 Fort Pierce, FL 34981 *GOOD FOR THIS LOCATION ONLY*

RENEWAL St Lucie County ST PE 24276
 Original tax: \$27.55
 Penalty:
 Collection cost:
 Total: \$27.55 Paid 09/30/2024 27.55 0025-20240930-058152

Law requires this Local Business Tax Receipt to be displayed conspicuously at the place of business in such a manner that it can be open to the view of the public and subject to inspection by all duly authorized officers of the county. Upon failure to do so, the local business taxpayer shall be subject to the payment of another Local Business Tax for the same business, profession or occupation.

Pursuant to Florida law, all Local Business Tax Receipts shall be sold by the Tax Collector beginning July 1 of each year and shall expire on September 30 of the succeeding year. Those Local Business Tax Receipts renewed beginning October 1 shall be delinquent and subject to a delinquency penalty of 10 percent for the month of October. An additional 5 percent penalty for each month of delinquency is added until paid, provided that the total delinquency penalty shall not exceed 25 percent of the Local Business Tax for the delinquent establishment.

In addition to the penalty, the Tax Collector is entitled to a collection fee of \$1 to \$5. This fee is based on the amount of Local Business Tax, which will be collected from delinquent taxpayers after September 30 of the business year.

This receipt is a Local Business Tax only. It does not permit the local business taxpayer to violate any existing regulatory or zoning laws of the state, county or city. It also does not exempt the local business taxpayer from any other taxes, licenses or permits that may be required by law.

Pursuant to Florida law, Local Business Taxes are subject to change.

Culpepper & Terpening Inc
 2980 S 25Th St
 Fort Pierce, FL 34981



PROOF OF INSURANCE

Client#: 1051523

CULPETER

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/25/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Insurance Services, LLC 2502 N Rocky Point Drive Suite 400 Tampa, FL 33607		CONTACT NAME: PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS: TeamAECertificate@usi.com	
INSURED Culpepper & Terpening Inc. 2980 South 25th Street Fort Pierce, FL 34981		INSURER(S) AFFORDING COVERAGE INSURER A : Beazley America Insurance Company Inc. NAIC # 16510 INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION S					EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability		C36AD1240101	02/15/2024	02/15/2025	\$2,000,000 per claim \$2,000,000 annl aggr.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability coverage is written on a claims-made basis.

CERTIFICATE HOLDER For Proposal Purposes	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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1B. BRIEF HISTORY OF THE PROPOSER

BRIEF HISTORY

Culpepper & Terpening, Inc. (“C&T”) is pleased to submit this response to the City of Port St. Lucie’s (“City”) e-RFP for Floresta Drive Phase 3 CEI and Geotechnical Services (“Project”). Since our founding in 1985, we have provided unparalleled CEI services throughout the Treasure Coast and beyond, establishing ourselves as a trusted partner in the region. This Project will be managed from our Fort Pierce headquarters, located just 20 minutes from the City’s offices. **Our 40-year history of collaboration with the City includes the successful completion of the Floresta Drive Phase 1 and Phase 2 CEI projects, which significantly enhanced road safety and contributed to a thriving community for approximately 180,000 residents and thousands of homes. These improvements have elevated the quality of life and supported the rapid growth of Port St. Lucie. To date, we have successfully completed over 200 CEI projects in partnership with the City, further reinforcing our commitment to its development and infrastructure.**

Our CEI Partner Johnson, Mirmiran & Thompson, Inc. (“JMT”) is a national, full-service, multi-disciplined engineering firm headquartered in Hunt Valley, MD, with 50 office locations nationwide, including three offices and two CEI field offices in Florida. Established in 1971, JMT's 2,300+ professionals work with federal, state, and local agencies, providing professional CEI, engineering design, environmental, planning, architecture, survey, and GIS/information technology services – all dedicated to the highest quality project performance. **JMT is a 100% employee-owned company, ranked 61 in ENR’s top 500 design firms and 9 in the top 25 highway firms.**

YEARS IN BUSINESS

C&T has been a close partner with the City for over 40 years. During that time, we have provided CEI services and partnered closely with the City on some of its most important projects (see Figure 2 – Similar Roadway Experience). These projects include the Floresta Drive Widening Phase 1 & 2 CEI & GEO, Eastern Watershed Improvement Project, Crosstown Parkway Segment 2 & 4, City-wide Water & Sewer Expansion project, City Center (aka MID-FLORIDA Event Center), McCarty Ranch Water Farming, Port St. Lucie Job’s Corridor, E-3 Canal Stormwater Improvements among many other CEI projects. With this extensive experience, we are uniquely positioned to expedite the construc-

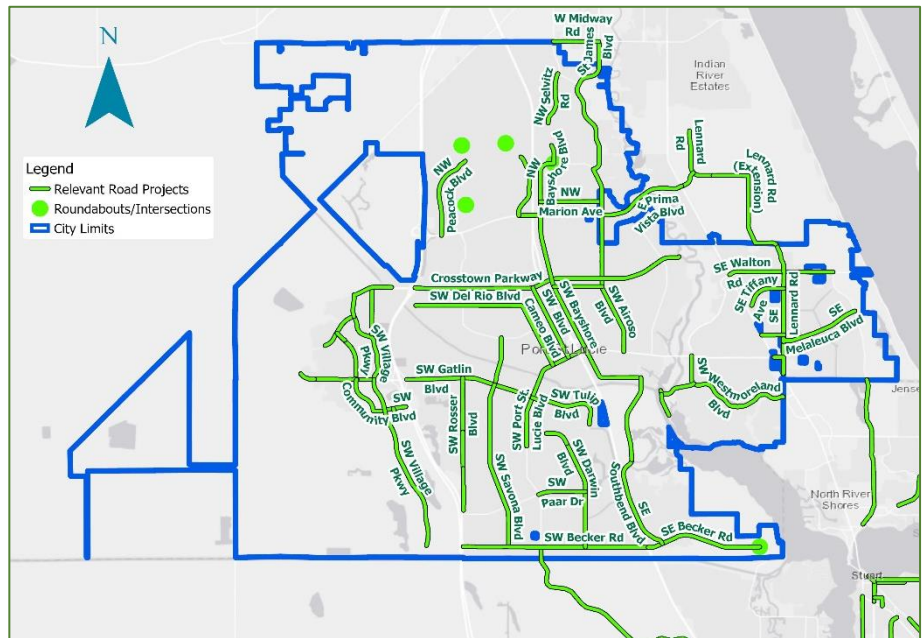


Figure 2 – Similar Roadway Experience



tion of this Project, minimizing excess coordination likely required by other firms. Our approach to projects is a result of lessons learned and input received from clients such as the City over the years. We will listen and adhere to your instructions and standards and adjust our services accordingly.

Our staff has worked in the City and throughout the Treasure Coast for decades and are part of the success of many communities in the region. We live and work in the Project’s vicinity and anticipate helping the City protect and improve the quality of life for its residents. As a family-owned business in the Treasure Coast, C&T has been privileged to provide professional CEI services to most local governments in St. Lucie, Martin, Indian River and Okeechobee County. Our clients have included city and county governments, school boards, and various Community Development Districts.

LOCATION

The City’s Administrative offices are less than 20 minutes away from Culpepper & Terpening’s main Fort Pierce office.

- Fort Pierce Office
 Culpepper & Terpening, Inc.
 2980 South 25th Street
 Fort Pierce, Florida 34981
- Stuart Office
 Culpepper & Terpening, Inc.
 121 SW Flagler Avenue
 Stuart, Florida 34994

All assigned Project staff are employed at our Fort Pierce address which is under 10 miles from City of Port St. Lucie City Hall.

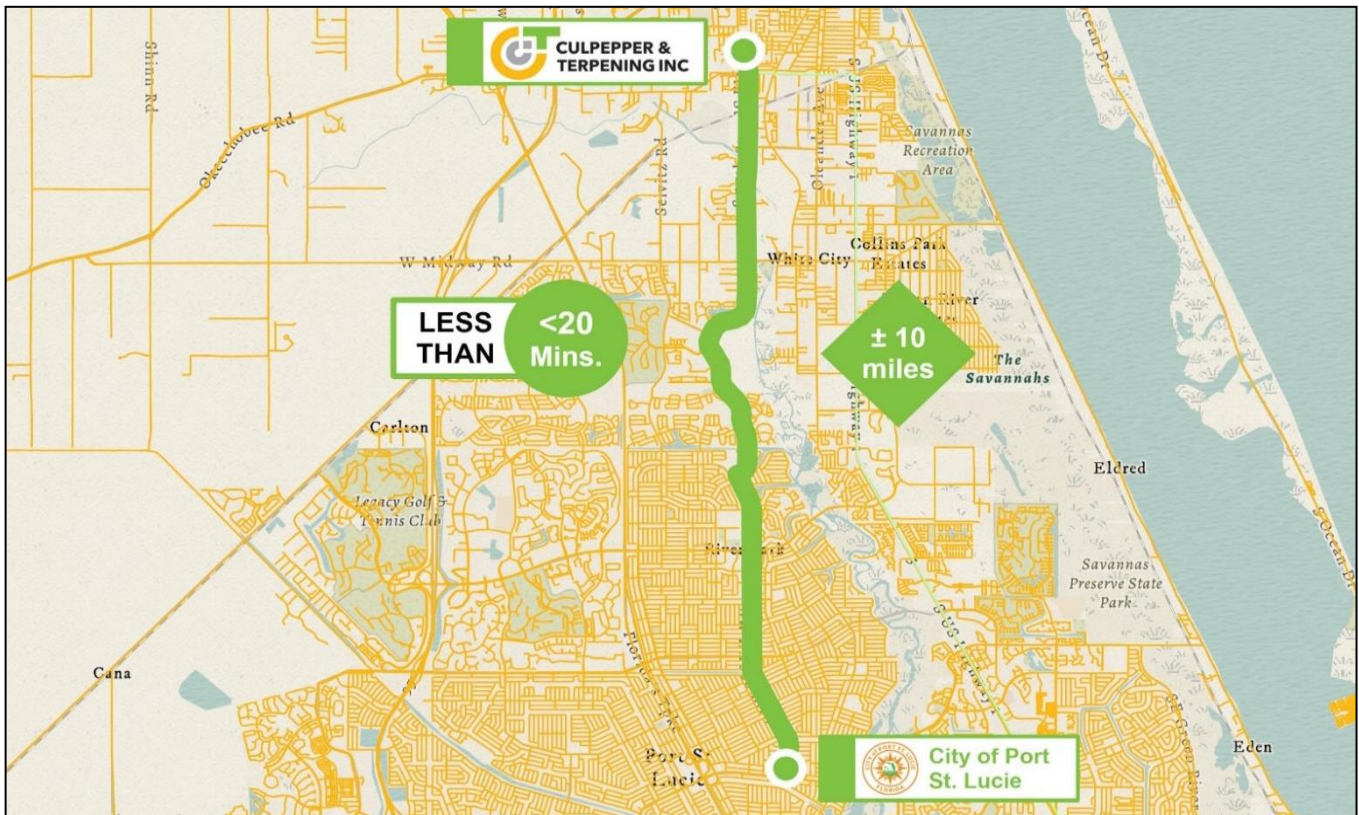


Figure 3 – Location Map



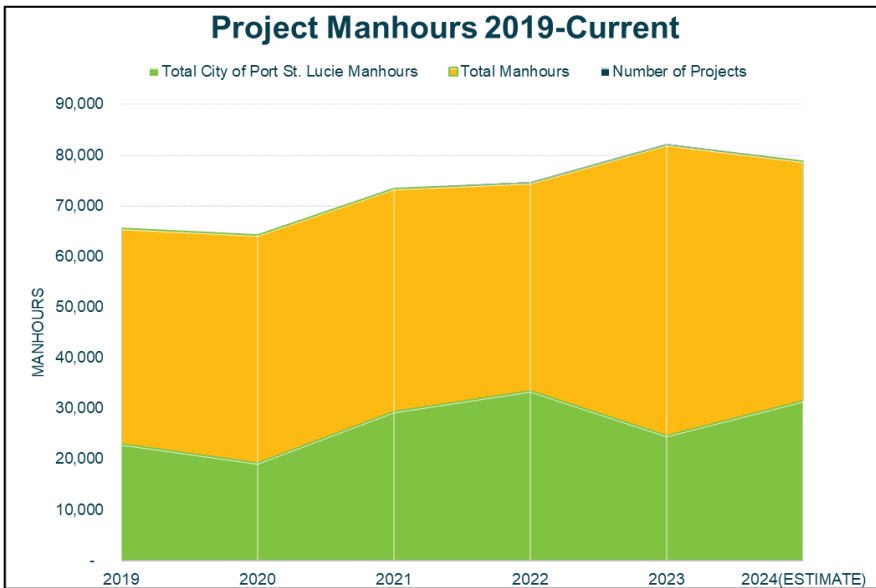
COMMITMENT TO THE CITY

C&T has a proven track record of providing successful professional CEI services on the City’s most significant projects. Our core service is municipal work, and our most valued relationships are with our municipal clients, of which **the City of Port St. Lucie is our top priority**. In over 40 years of dedicated commitment to the City, we have learned what is important to the City and have proven our flexibility to provide the level of service the City desires with CEI services. We have continually enhanced our firm and the technology we use to be compatible with the City’s continual growth.

A QUALIFIED AND EXPERIENCED INTERDISCIPLINARY TEAM

C&T is a multidisciplinary firm, staffed by civil engineers, construction engineers, inspectors, planners and surveyors. Our senior management team has **over 100 years** of combined experience on the Treasure Coast. Our years of experience have resulted in valuable relationships with local, regional, state, and federal regulatory agencies, including St. Lucie County, FPL, FDOT, FDEP, and SFWMD. We know funding is a vital part of any project and we can help with our experience in legislative appropriations, grant administration, LAP funded projects, and State Revolving Fund projects. Our highly qualified staff has extensive experience on many projects including roadway, utility, stormwater, parks, and mass grading. Our staff is trained in specialized fields including roadway inspection, various levels of temporary traffic control, FAA drone pilot, and CTQP training, all of which are no substitute for their work experience. They have the ability to utilize survey or GPS equipment and drones on site for verification or other tasks.

VOLUME OF WORK



Currently, there are no obligations that would pose a potential conflict of interest. Culpepper & Terpening, Inc. has an ongoing internal management procedure to effectively manage our workload and staffing needs in order to meet our clients’ scope, schedule and budget requirements. For many years we have had the privilege of working with the City on a number of projects (See Figure 4 – Total Manhours vs City Manhours Chart for recent history), all of which we are proud to say were completed on time and within budget. We look forward to extending our ability to provide the highest quality of service to the City.

Figure 4 – Total Manhours vs City Manhours Chart

COMPANY OWNERSHIP/OFFICERS

Culpepper & Terpening, Inc. is a multidisciplinary consulting firm providing Civil Engineering, Surveying, GIS, and CEI services on the Treasure Coast. Our staff includes approximately 50 employees that include inspectors, engineers, surveyors, GIS technicians, UAV pilots, CAD technicians, project and division managers, and planners.



OWNERSHIP INTEREST

Culpepper & Terpening, Inc. is a Florida Corporation, Corporate Charter number #H85712, incorporated November 19, 1985. Culpepper & Terpening, Inc., EIN is #592606420. Our current Officers of the Corporation are:

Sherry T. Terpening, President	Stefan K. Matthes, PE, Sr. Vice President
James P. Terpening, Jr., PE, Chief Operating Officer	Thomas P. Kiernan, PSM, Vice President

BUSINESS/OCCUPATIONAL LICENSES

State of Florida Board of Professional Engineers License #4286; and
State of Florida Board of Professional Surveyors and Mappers License #LB4286;

CERTIFICATION BY THE WOMEN'S BUSINESS DEVELOPMENT COUNCIL OF FLORIDA

Culpepper & Terpening, Inc. is certified by the Women's Business Development Council of Florida (WBENC) as a woman-owned business.

STAFF QUALIFICATIONS

Culpepper & Terpening, Inc., employs ten (10) CEI Inspectors, seven (7) Professional Engineers licensed within the State of Florida, seven (7) Engineer Interns, one (1) Professional Surveyor and Mapper licensed within the State of Florida, one (1) Certified Public Accountant, one (1) Master of Business Administration, seven (7) certified employees in MOT, and one (1) certified LEED personnel.

PROFESSIONAL AFFILIATIONS:

- National Society of Professional Engineers
- Florida Society of Professional Engineers
- American Water Works Association
- Florida Institute of Consulting Engineers
- Florida Surveying and Mapping Society
- Florida Land Surveyors Council
- National Society of Professional Surveyors
- American Land Planning Association
- Associated General Contractors

PAST COMMUNITY SERVICE:

- Keep Port St. Lucie Beautiful
- Boys and Girls Club
- Big Brother Big Sisters
- Local Chapter of FPLSM
- Treasure Coast Research and Education Board
- St. Lucie County Planning Board Chairman
- City of Port St. Luce Planning Board
- St. Lucie Rotary Club
- Adopt A Road Program
- SLC Contractors Licensing Board
- Treasure Coast Young Professionals
- Chamber President
- Martin County Commissioner
- University of Florida Engineering Dean Advisory Board
- Treasure Coast Research and Education Board
- City of Port St. Luce Planning Board
- Florida Engineering



1C. SIMILAR PROJECT EXPERIENCE

PROVEN TRACK RECORD IN CITY

Culpepper & Terpening, Inc. has had a close relationship with the City during the last 40 years of historic growth. In this timeframe, we have provided professional CEI services and partnered closely with the City on its most important projects.

The following is a condensed list of successful projects C&T provided CEI services for the City and adjacent area in recent years.

		PROJECTS							
		Floresta Drive Phase I CEI	Floresta Drive Phase II CEI	West Mid-way Road Improvements	Kings-Indrio Improvements	Edwards Road Reconstruction (U.S 1 to Oleander Avenue)	E-3 Canal Storm-water Improvements	A1A Sea-way Drive	Cross-town Parkway Segments 2 & 4
CEI RELATED SERVICES	Neighborhood setting (Residential & Business)	✓	✓	✓	✓	✓	✓	✓	✓
	Extensive Utility Installations	✓	✓	✓	✓	✓		✓	✓
	Landscape & irrigation	✓	✓	✓				✓	✓
	Roundabout	✓	✓					✓	
	Canal crossings	✓	✓						✓
	Baffle box	✓						✓	
	Signalized Intersection (Mast Arms)	✓	✓	✓	✓	✓			✓
	Fiber Optic	✓	✓	✓	✓	✓			✓
	Ponds	✓	✓	✓	✓				✓
	Sidewalks	✓	✓	✓	✓	✓		✓	✓
	Driveway Replacement	✓	✓	✓	✓	✓	✓	✓	✓



1D. FIVE (5) PROJECTS COMPLETED IN THE PAST FIVE (5) YEARS

TAB 1D C&T'S FIVE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT KEY NUMBER	01	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
Floresta Drive Phase 1 CEI & GEO Port St. Lucie, Florida	2021	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	Frank Knott, Project Manager	772-380-6022

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

Culpepper & Terpening, Inc. (C&T) provided Construction Engineering and Inspection (CEI) services for the Floresta Drive Improvements Project, Phase 1, executed by the City of Port St. Lucie. Phase 1 focused on improving the roadway from Southbend Boulevard to the Elkcam Waterway, transforming it into a safer and more efficient corridor while maintaining the neighborhood's aesthetic integrity. This project, funded by the ½ Cent Sales Tax for infrastructure, forms part of a broader initiative to modernize key roadways within the city.

The improvements included:

Two-lane roadway construction

- Dedicated bicycle lanes for enhanced cyclist safety
- Sidewalks to improve pedestrian access
- Installation of drainage ponds and drainage improvements to manage stormwater
- Street trees, landscaping, and beautification efforts to preserve the residential character
- Pedestrian and FPL street lighting for enhanced nighttime safety
- Landscaped roundabouts to improve traffic flow and aesthetics
- PSL utility relocations to accommodate the upgrades



Key aspects of C&T's role included public awareness efforts, ensuring the community was informed about construction progress and impacts. The project required close coordination with various agencies to maintain compliance with MOT (Maintenance of Traffic) standards and NPDES (National Pollutant Discharge Elimination System) regulations, ensuring minimal disruption and environmental protection throughout the construction process.

This phase successfully addressed both current traffic demands and future growth, enhancing safety and connectivity while respecting the neighborhood's character.



TAB 1D C&T'S FIVE PROJECTS IN 5 YEARS

EXAMPLE PROJECT KEY NUMBER	02	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
Floresta Drive Phase 2 CEI & GEO Port St. Lucie, Florida	ONGOING	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	Frank Knott, Project Manager	772-380-6022

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

Culpepper & Terpening, Inc. (C&T) provided Construction Engineering and Inspection (CEI) services for the City of Port St. Lucie on the Floresta Drive Improvements Project, Phase 2. This project is a key component of the City's infrastructure enhancement initiative, funded through the voter-approved ½ Cent Sales Tax for Infrastructure Improvements. Phase 2 of the project spans from SE Whitmore Drive to Prima Vista Boulevard, focusing on improving safety, aesthetics, and functionality along a 1.7-mile corridor.



The improvements included the construction of a two-lane roadway with dedicated bicycle lanes, sidewalks, and buffered bike lanes to enhance non-vehicular traffic safety. Other key features of the project include:

- Landscaped medians and street trees for beautification
- Drainage improvements with newly constructed drainage ponds
- Pedestrian and FPL street lighting to enhance visibility and safety
- Roundabouts with landscaping to improve traffic flow
- Replacement of a bridge over the Elkcarn Waterway to ease congestion and improve safety
- Relocation of PSL utilities to accommodate the improvements

These enhancements were designed to not only manage current traffic needs but also to accommodate future growth projections. Additionally, the project aims to maintain the residential character of the area while improving pedestrian and bicycle connectivity, reinforcing the City's commitment to high-quality infrastructure.



TAB 1D C&T'S FIVE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT NUMBER	03	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
Edwards Road Reconstruction (U.S 1 to Oleander Avenue) CEI Fort Pierce, Florida	2024	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Daniel Zrallack	772-462-1667

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

Culpepper & Terpening, Inc. (C&T) provided comprehensive Construction Engineering and Inspection (CEI) services to St. Lucie County for the reconstruction of Edwards Road, from US-1 to Oleander Avenue. This vital infrastructure project involved upgrading the existing four-lane roadway, which includes a continuous center turn lane and a railroad crossing, to enhance safety and functionality.

C&T's services included detailed plan reviews, with a focus on traffic control and utility coordination, ensuring that the project proceeded with minimal disruption to both traffic flow and essential services. We also managed construction administration, overseeing pre-construction and progress meetings, coordinating Requests for Information (RFIs), and providing weekly updates to keep the project on track.

In addition, our team carried out construction observation services, producing daily reports, coordinating field activities, tracking quantities, and maintaining detailed logs and photographic documentation. Throughout the project, we ensured that all construction activities, including the installation of drainage systems, utilities, and signalization, adhered to the project specifications and regulatory requirements.

This reconstruction project, subject to permitting from agencies such as the South Florida Water Management District (SFWMD) and the Florida Department of Environmental Protection (FDEP), was a critical component of St. Lucie County's broader infrastructure improvement efforts.





TAB 1D C&T'S FIVE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT NUMBER	04	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
Indrio Road & North Kings Highway Intersection CEI St. Lucie County, Florida	2019	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
St. Lucie County	Daniel Zrallack, PE	772-462-1667

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

C&T provided CEI services to St. Lucie County associated with the widening of the intersection of North Kings Highway and Indrio Road. This project was funded through a Joint Participation Agreement with the Florida Department of Transportation (FDOT). The FDOT will cover roughly 50% of the costs associated with the project.

Project activities included the widening of about 5,000ft. of North King's Highway and about 4,000ft. of Indrio Road, from 2 travel lanes to 4 travel lanes. Roadway widening included the construction of dedicated left and right turn lanes. In addition to the added travel lanes, project work included a 12ft. shared use path and a 6ft. sidewalk throughout. Drainage improvements to the project include new stormwater ponds; relocation of a 1,900ft. of FPFWCD Canal #4, and the box culverting (9ft.x 6ft.box culvert) of 1,300ft. of this canal.

MOT through the project corridors was a major component of the project management process. Periodic nighttime closures were required for underground utility construction installations.

C&T maintained an on-site CEI field office for the duration of the project.





TAB 1D C&T'S FIVE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT NUMBER	05
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION
E-3 Canal Stormwater Improvements Port St. Lucie, Florida	2021

PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie	Thomas Salvador, CPII, CPWP-S, Manage CIP	772-370-5821

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

C&T provided CEI services to the City for the restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintaining active canal flows while installing dual large diameter culverts, backfilling of the canal, installation of drainage structures, bank stabilization and rip rap installation and final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring.





TAB 1D JMT'S TWO PROJECTS IN FIVE YEARS

EXAMPLE PROJECT KEY NUMBER	01
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION
McCarty Ranch Water Quality Restoration Project (Area 2, 3, 4, 5), City of Port St. Lucie, FL	2023

PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
City of Port St. Lucie Utilities Systems Department	Carlos Camacho, PE	772-873-6419

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

The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction included clearing of exotics within the impoundment, seepage canals, a 7ft. tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Additionally, unique sand diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River.





TAB 1D JMT'S TWO PROJECTS IN FIVE YEARS

EXAMPLE PROJECT KEY NUMBER	02	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
Reconstruction of Midway Rd. (CR-712) St. Lucie County, FL	2021	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
FDOT D4 – Treasure Coast Ops	John Spivey	(772) 429-4868

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

This project entailed CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. Reconstruction will improve the LOS, drainage system, deficient infrastructure, aesthetics, and vehicular and pedestrian mobility. The project is critical to St. Lucie County since it is part of the Florida Greenways & Trails System Master Plan. This project included modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. Earthwork, ponds, ditches, and drainage include regular, lateral ditch & subsoil excavation, embankment, stabilization, and base. Activities have consisted of reconstruction of elevated roadways, widening Midway Rd., secondary improvements on side streets, and excavation of Merritt's Ditch. Drainage consists of sub-basins discharging into 6 retention/detention ponds for treatment/attenuation. Major drainage improvements include over 260 minor structures, 23,000 LF of pipe culverts (open cut and jack and bore), and 6,000 LF of pipe lining in 70 locations. The bridge included a 12' multi-use trail and a 6.5' sidewalk. The bridge was constructed in two phases; however, the deck was poured in three phases. Riprap rubble revetment was placed along the river slopes below. 8 retaining walls was constructed including 6 Cast-in-Place Cantilever and 2 Sheet Pile Cantilever. Signalization improvements were at 25th St., Oleander Ave. and US-1 intersections, while Sunrise Blvd. is new. Lighting consisted of 129 single poles housing both pedestrian and street luminaires, 2 mast arm mounted luminaires, 3 bridge mount light poles and 4 retaining wall mount light poles powered by 1 load center. Signing and pavement marking consisted of new and relocated signing and new pavement markings, including thermoplastic. Landscape and irrigation consisted of small and large plant installation in median separators and around all 6 ponds, stamped concrete in median separators, patterned textured pavement at crosswalk locations, existing tree canopy and root pruning, an irrigation system powered by 2 load centers and serviced by 2 connection points (60' well pumps), and enclosed controllers at Sta. 34+60 & Sta. 90+00.





NOTE TO REVIEWERS:

Our understanding from the addendum is that City of Port St. Lucie projects were not to be used under Tab 5, but could be used under Tab 1D. As such, we have included three (3) City of Port St. Lucie projects under Tab 1D, as these projects are most pertinent to Floresta Phase 3. If our understanding is incorrect and the City projects are not allowed, please replace them with the three (3) alternate projects provided herein.

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TAB 1D C&T'S ALTERNATIVE THREE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT KEY NUMBER	01
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION
Becker Road East Phase 2 Port St. Lucie, FL	2022

PROJECT OWNER'S INFORMATION

A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
GreenPointe Communities	Austin Burr, Regional President	904-910-7256

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

Culpepper & Terpening, Inc. (C&T) provided Construction Engineering and Inspection (CEI) services for the improvement of Becker Road, spanning from Via Tesoro Boulevard to Gilson Road. This project involved the inspection and oversight of 3,300 linear feet of four-lane urban roadway, integrating key infrastructure components aimed at enhancing both vehicular and pedestrian mobility.

Key aspects of the project included:

- Three major roundabouts, designed to improve traffic flow and safety;
- 15,000 linear feet of pedestrian and multiuse pathways, providing safe and accessible routes for pedestrians and cyclists;
- Installation of 6,600 linear feet of 12-inch force main, ensuring reliable wastewater transmission;
- Pedestrian lighting, to enhance visibility and safety along the pathways;
- Comprehensive landscaping and irrigation systems to ensure aesthetic value and environmental sustainability.

C&T's CEI services ensured that all elements of the project were constructed to meet design specifications and safety standards. Regular inspections, quality control measures, and coordination with stakeholders helped ensure the project was completed efficiently, delivering a critical roadway improvement that enhances connectivity and safety in the community.





TAB 1D C&T'S ALTERNATIVE THREE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT KEY NUMBER	02	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
Becker Road West Phase 2 Port St. Lucie, FL	2021	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Mattamy Homes	Eric Sexauer	404-135-1347

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

Culpepper & Terpening, Inc. (C&T) provided comprehensive Construction Engineering and Inspection (CEI) services for the extension of Becker Road, extending from its current terminus east of Village Parkway to Community Boulevard. This 6,150 linear-foot urban arterial project forms a critical segment of the transportation network, connecting I-95 to Range Line Road and supporting future growth in the area.



The infrastructure development involved the construction of a four-lane urban arterial roadway, with an initial focus on two-lane construction. As part of the project's comprehensive CEI services, C&T ensured the proper execution of several key components, including:

- Access management for median and intersection design to optimize traffic flow and safety
- Curb and gutter installation for effective drainage management
- Sidewalk construction to enhance pedestrian accessibility
- Inspection of potable water and sanitary sewer transmission lines to ensure proper installation and functionality
- Oversight of landscaping and irrigation systems to ensure aesthetic value and environmental sustainability
- Coordination and inspection of FP&L street lighting for improved nighttime visibility and safety

C&T's role also included regular site inspections, quality control, and adherence to safety and environmental standards. These activities were essential in ensuring compliance with project specifications and regulatory requirements, minimizing potential disruptions while delivering a high-quality infrastructure project that will serve the community for years to come.



TAB 1D C&T'S ALTERNATIVE THREE PROJECTS IN FIVE YEARS

EXAMPLE PROJECT KEY NUMBER	03	
PROJECT NAME AND LOCATION (City and State)	YEAR OF COMPLETION	
SW Anthony F. Sansone Blvd Phase 1-3 Port St. Lucie, FL	2023	
PROJECT OWNER'S INFORMATION		
A. PROJECT OWNER	B. POINT OF CONTACT	C. POINT OF CONTACT TELEPHONE NUMBER
Sansone Group	Hai Cao	(314) 336-2318

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



Culpepper & Terpening, Inc. (C&T) provided Construction Engineering and Inspection (CEI) services for the construction of SW Anthony A. Sansone Sr. Boulevard, a critical infrastructure project connecting Becker Road to the northern limits of the new Port St. Lucie's Jobs Corridor in Southern Grove CDD. This 4,400-linear-foot corridor is part of Port St. Lucie's Jobs Corridor, a strategic development aimed at boosting economic growth through improved transportation links and infrastructure for major employers like FedEx.

The project included the inspection and oversight of:

- 4,400 linear feet of urban four-lane divided roadway with 4-foot paved bike lanes
- A segment of rural two-lane undivided roadway
- 4,400 linear feet of fiber optic cables
- 12-inch potable water transmission main (4,400 linear feet)
- 6- and 8-inch sanitary force main (2,900 linear feet)
- 8-inch gravity sewer (2,400 linear feet) and a central lift station
- Pedestrian lighting, landscaping, and irrigation systems

C&T's CEI services ensured high-quality execution and compliance with project standards, overseeing the integration of critical utility and roadway infrastructure, while supporting the city's long-term economic development strategy.



1E. QUALIFICATIONS/REFERENCES FOR SUB-CONSULTANT

SUBCONSULTANT QUALIFICATIONS MATRIX

The graphic below highlights a summary of our subconsultant's qualifications. For more detailed information, please refer to the resumes located in Tab 2A - Personnel & Experience.





Company Reference Letter for Subconsultants

BOARD OF COUNTY COMMISSIONERS
Public Works Department/Engineering Division
1801 27th Street, Vero Beach, Florida 32960

Telephone: 772-226-1283



FAX: 772-226-1371

October 7, 2024

RE: Reference for Andersen Andre Consulting Engineers, Inc.

To whom it may concern,

Indian River County has contracted with Andersen Andre Consulting Engineers, Inc. (AACE) continuously since 2015 for geotechnical engineering services. AACE is regularly contracted for Indian River County Public Works roadway and infrastructure projects for geotechnical and construction materials testing.

AACE provides prompt responses to requests for proposals, answering technical questions, having staff be present on site sometimes on short notice, and providing accurate detailed reports. Their expertise in the profession is appreciated as they provide suggestions to difficult situations with ease.

I am available for questions.

Sincerely,

Rob Skok
Digitally signed by: Rob Skok
DN: CN = Rob Skok, email = rskok@indianriver.gov, C = US, O = IRC PW OU = Engineering, Date: 2024.10.07 13:32:09 -0400

Rob Skok
Infrastructure Project Manager
Indian River County Engineering Division
(772) 226-1931 rskok@indianriver.gov



ENGINEERING AND PUBLIC WORKS DEPARTMENT

October 21, 2024

Cotleur & Hearing Landscape Architecture, LLC.
1934 Commerce Lane, Suite 1
Jupiter, Florida 33458

RE: Consultant Recommendation

To whom it may concern:

Cotleur & Hearing Landscape Architecture, LLC (Cotleur & Hearing) has been providing Professional Landscape Architecture and Inspection Services for the Town of Jupiter for at least the past two decades. These services include several transportation landscape architecture projects within the SR 811/Alternate A1A medians from Toney Penna Dr to Center St and the SR 706/Indiantown Rd medians from west of Central Blvd to the median just east of US Highway 1. For the projects mentioned, Cotleur & Hearing provided both design phase services and construction administration and inspection services for the post-design phase for each project.

The most recent services provided by Cotleur & Hearing have been focused on the restoration and revitalization of the Town's 12 arterial/collector roadways which are heavily landscaped within the Town limits. The scope included the assessment of existing landscaping conditions, design, plans preparation, permitting (as needed), and construction administration/inspections for the replacement/update of the landscaping within all medians, on-street landscape planters, and right of way buffers that fall under the Town's maintenance responsibility.

Cotleur & Hearing's staff of landscape architects, designers, and inspectors consistently demonstrate professionalism, efficiency, excellent technical abilities, and a thorough knowledge of transportation landscape projects. Based on my experience with the firm, I would not hesitate to utilize Cotleur & Hearing for future projects and provide information to other agencies seeking similar services.

If you have any additional questions regarding my experience with Cotleur & Hearing, do not hesitate to contact me at 561-741-2680.

Sincerely,

Thomas Hernandez, P.E.

Director of Engineering and Public Works

Town of Jupiter



THE SCHOOL BOARD OF MARTIN COUNTY, FLORIDA

Facilities Department

1050 SE 10th Street • Stuart, Florida 34996 • Telephone (772) 223-3105 • Facsimile: (772) 221-4912



September 22, 2020

To whom it may concern:

Re: Letter of Recommendation for Ardaman & Associates, Inc.

Ardaman & Associates has a successful history as a Geotechnical and Material Testing consultant for the Martin County School District. They have been awarded continuing contracts for these services and currently hold one. They have worked on various elementary, middle, and high school projects for the Martin County School District. Ardaman provides qualified personnel and performs their services efficiently and professionally, communicating with school district staff, design consultants, and contractors. They typically complete their work on-time and within an agreed budget. Their work is technically sound, and they can resolve issues quickly.

If you have specific questions, please do not hesitate to contact us.

Garret Grabowski

Director of Facilities Department

Martin County School District

1939 SE Federal Highway

Stuart, Florida 34994

772-219-1200 ext. 30212

Laurie J. Gaylord, Superintendent

School Board Members: Tony Anderson • Victoria Defenthaler • Michael DiTerlizzi • Marsha Powers • Christia Li Roberts
"Educate all Students for Success"



ST. LUCIE WORKS

Roger A Jacobsen
MOSQUITO CONTROL

Board of County Commissioners

Chris Dzadoovsky
DISTRICT 1
Vice-Chair

October 17, 2024

Hobe Sound Environmental Consultants, Inc.
9512 SE Duncan St.
Hobe Sound, Florida 33455

Larry Leet
DISTRICT 2

RE: Recommendation

Linda Bartz
DISTRICT 3

To whom it may concern:

Jamie Fowler
DISTRICT 4

Hobe Sound Environmental Consultants, Inc., has provided environmental assessments for the Bear Point Mitigation Bank, in conjunction with the St. Lucie County Mosquito Control District, since 2005, through their existing Continuing Service Contract with St. Lucie County.

Cathy Townsend
DISTRICT 5
Chair

Hobe Sound Environmental Consultants, Inc., is the responsible entity for the long-term management of the Mitigation Bank and has secured necessary permitting for construction-related activities.

Administration

George Landry
COUNTY
ADMINISTRATOR

Hobe Sound Environmental Consultants, Inc. has in depth knowledge of the ongoing State and Federal reporting requirements and a successful history of mitigation bank management and consistently demonstrate professionalism, efficiency as well as constantly changing knowledge.

Dan McIntyre
COUNTY ATTORNEY

I would not hesitate to recommend the services of Hobe Sound Environmental Consultants, Inc. to provide services to your organization.

If you have any questions or require any additional information, please feel free to contact my office at 772-462-1698.

Sincerely,

Roger Jacobsen
St. Lucie County Mosquito Control Director



CENTURY VILLAGE EAST

Deerfield Beach, Florida

Masuen Consulting guided Century Village East to future success through the long-term-value oriented thinking that it used throughout the decision making process. This ranged from the initial concepts through the actual construction, quality control, and ultimately management and maintenance. The community will be prepared for the future difficulties associated with reduced water availability.

In the words of our client:



Al Smith
Executive Director of CVEMM

"We couldn't have put this together without Masuen. The design and construction of the new irrigation system is the largest and most expensive construction project the village has undertaken since its construction in the 1970's. Since the management of the infrastructure operation and maintenance is mainly directed by a fifteen (15) member Board of Directors who are all volunteers, we had to have a competent consultant whose design ability and decision making could be trusted implicitly. Masuen proved to be that consultant. They have been extremely easy to work with and very patient with the committee of senior citizens appointed to direct the implementation of the design. Through the design process there were numerous presentations, and hours of questions, yet Masuen employees were always available, professional, responsive, and polite. Masuen diligently worked with CVE through the design process providing detailed feedback on a weekly basis. During the construction Masuen is proving to be more than a consultant; they are a partner."

An in the words of the contractor:



Tom Balling
President of Treasure Coast Irrigation

"Masuen Consulting offers an incredible value to the irrigation contractor in a large scale job, such as the Century Village East project. Their third party perspective helps to ensure clear communication between the contractor and the owner from the start to the finish of a project, and their presence on the jobsite gives us the confidence to know that the customer's expectations will be exceeded, and quality and safety will remain a top priority."



1F. REFERENCE FOR EACH PROJECT DESCRIBED

Floresta Drive Widening Phase 1 and 2 Reference Letter

September 25, 2024

To Whom It May Concern:

This letter is a professional recommendation related to CEI services for Culpepper & Terpening, Inc. For reference, I have provided a brief synopsis of two recent projects below.

Floresta Drive Phase I

- Project improvements included providing a two-lane roadway with landscaping, lighting, sidewalks, and bicycle lanes from SE Southbend Boulevard to SE Whitmore Drive. Relevant Activities: CEI, Public Awareness, Neighborhood Work Area, MOT, Agency Coordination, and NPDS Compliance.

Floresta Drive Phase II

- Project improvements included providing a two-lane roadway with landscaping, lighting, sidewalks, and buffered bicycle lanes from SE Whitmore Drive to SE Crosstown Pkwy. Relevant Activities: CEI, Public Awareness, Neighborhood Work Area, MOT, Agency Coordination, and NPDS Compliance.

This team provided quality Construction Engineering and Inspection (CEI) services in a professional manner. It is without reservation that I recommend this team for all your CEI assignments.

Sincerely,

Thomas Salvador, CPII, CPWP-S
CIP & Sales Tax Project Group Manager
City of Port St. Lucie
Public Works
tsalvador@cityofpsl.com



October 3, 2024

**Board of County
Commissioners**

Chris Dzadovsky
DISTRICT 1
Vice Chair

Larry Leet
DISTRICT 2

Linda Bartz
DISTRICT 3

Jamie Fowler
DISTRICT 4

Cathy Townsend
DISTRICT 5
Chair

Administration

George Landry
COUNTY
ADMINISTRATOR

Dan McIntyre
COUNTY ATTORNEY

Culpepper & Terpening, Inc.
2980 South 25th Street
Fort Pierce, Florida 34981


To Whom It May Concern:

This letter is a professional recommendation for Culpepper & Terpening, Inc.

For the Edwards Road Reconstruction Project (US-1 to Oleander Avenue), the scope of work included design-build assistance (RFP review, plan review, traffic control plan review, and utility coordination review), construction administration services (pre-construction and progress meetings, RFI coordination, and weekly updates), and construction observation services, including daily reports, field coordination, quantity tracking, logs, and photographs throughout the project and upon completion.

The Culpepper & Terpening, Inc. team provided quality Construction Engineering and Inspection (CEI) services in a professional manner. It is without reservation that I highly recommend this team for Construction Engineering and Inspection (CEI) assignments on the Floresta Drive Phase 3 project.

Sincerely,


Dan J. Zrallack, PE
County Engineer
St. Lucie County
ZrallackD@stlucieco.org



October 3, 2024

**Board of County
Commissioners**

Chris Dzadovsky
DISTRICT 1
Vice Chair

Larry Leet
DISTRICT 2

Linda Bartz
DISTRICT 3

Jamie Fowler
DISTRICT 4

Cathy Townsend
DISTRICT 5
Chair

Administration

George Landry
COUNTY
ADMINISTRATOR

Dan McIntyre
COUNTY ATTORNEY

Culpepper & Terpening, Inc.
2980 South 25th Street
Fort Pierce, Florida 34981

To Whom It May Concern:

This letter is a professional recommendation for Culpepper & Terpening, Inc.

For the Indrio Road & North Kings Highway Intersection Improvement Project, the scope of work included widening approximately 5,000 feet of North Kings Highway and 4,000 feet of Indrio Road from 2 travel lanes to 4 travel lanes. The roadway widening included the construction of dedicated left and right turn lanes. In addition to the added travel lanes, the project included a 12-foot wide shared-use path and a 6-foot wide sidewalk throughout. Drainage improvements included new stormwater ponds, the relocation of approximately 1,900 feet of FPFWCD Canal #4, and the box culverting (9' x 6' box culvert) of approximately 1,300 feet of this canal.

Maintenance of Traffic (MOT) through the project corridors was a major component of the project management process. C&T maintained an on-site CEI field office for the duration of the project.

The Culpepper & Terpening, Inc. team provided quality Construction Engineering and Inspection (CEI) services in a professional manner. It is without reservation that I highly recommend this team for Construction Engineering and Inspection (CEI) assignments on the Floresta Drive Phase 3 project.

Sincerely,

Dan J. Zrallack, PE
County Engineer
St. Lucie County
ZrallackD@stlucieco.org



October 17, 2024

To Whom It May Concern:

This Letter is a professional recommendation related to CEI Services for Culpepper & Terpening, Inc.

For the E-3 Canal Improvements – Phase 1 & 2 Construction Project, the scope of work included installing piping, drainage manholes and inlets, concrete end walls, earthwork, riprap stabilization measures, pre-construction and post-construction videos, participation in public informational meetings. Additional items include sodding of all disturbed areas, clearing and grubbing as depicted in the (AFC) approved for construction plans, hauling and disposal of unsuitable materials, turf reinforcement mats, providing construction and as-built surveys, installation of stormwater protection measures including but not limited to silt fences, turbidity curtains, and complying with all permits, including but not limited to the Army Corps of Engineers and the South Florida Water Management District permits for this project, and obtaining an NPDES and Dewatering permit as necessary.

This team provided quality construction services in a professional manner.

Sincerely,

John Dunton
City of Port St. Lucie
JDunton@cityofpsl.com



ATTACHMENT D – REFERENCE FORM

Company Under Review: Johnson, Mirmiran & Thompson, Inc. RFQ No. 23-056

Company Providing Reference: City of Port St. Lucie

Name of Person Providing Reference: Carlos Camacho, PE

Telephone: 772-579-0734 E-mail: ccamacho@cityofpsl.com

Name of Project Completed/Held for Referenced Company: McCarty Ranch Water Quality Restoration Project (Area 2, Area 3, and Area 4)

Team Members for this Project: Steven Haines, PE, LEED AP; Luke Brolmann, PE Wesley Kraft, EI;

Describe the scope of work of the contract awarded by your company/agency to this contractor:

The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Additionally, unique sand diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River.

[CONTINUED ON FOLLOWING PAGE]



Please answer the questions below using the following rating scale:

1=Poor 2=Fair 3=Average 4=Good 5=Excellent

No.	Questions	Rating	Comments
2.	Rate the level of commitment of the firm to your project. Did they devote the time and management staff necessary for successful and timely work?	5	
3.	Rate the quality of customer service and the competence and accessibility of the personnel and experience with similar projects.	5	
4.	Rate the firm’s interactive capability with your staff.	5	
5.	Rate the firm’s success at minimizing and controlling potential mistakes. Were there bid addendums, contract change orders, etc	5	
6.	Rate the overall quality of the work, and specific work on similar projects.	5	
7.	Rate the comfort and confidence you had in the firm.	5	
8.	If you have a similar contract to undertake in the future, would the firm be considered?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Additional comments: _____
JMT's strengths lie in their professionalism, extensive knowledge, and willingness to go the extra mile.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CONSULTANT CEI (CCEI) WORK PERFORMANCE
 EVALUATION**

Contract Number: **C9P82**
 Eval Status: **Approved**

Project Title:	CEI W. MIDWAY RD CR-712 FRM 25th St	Contract Number:	C9P82
Prime Consultant:	JOHNSON, MIRMIRAN & THOMPSON, INC.	Sub Consultant:	
Consultant Project Manager First Name:	STEVEN	Consultant Project Manager Last Name:	HAINES
Work Type Number:	10.1	Work Type Description:	Rdwy Construction Engineering Inspection
FDOT Project Manager:	John Spivey	FDOT Project Manager Phone Number:	7724294875
Hybrid Indicator:	N		

Task Work Order Entry:

FM Number List:

Enter Additional Identifying Information for Evaluation:

T4434

Construction Contract Number (CCN) and Project Manager (CPM)

CCN	CPM Name	CPM Phone
T4434	Spivey, John	7724294875

FDOT Design Project Manager:

Name

FERNANDO MORALES

Phone

9547774687



TOTAL WEIGHTED SCORE FOR ALL QUALITATIVE CRITERIA: 4.1

FDOT Evaluator: John Spivey **Date:** 03/24/2022

FDOT Reviewer 1: Stacey Sasala **Date:** 03/24/2022

FDOT Evaluator General Comments:

QUALITATIVE CRITERIA

Performance Rating Scale (1-5)



INSTRUCTIONS:

For each numbered item below, please select a score from 1 to 5 in accordance with the performance rating scale. Do not score a criteria item if the criteria item is not applicable to the evaluation. Comments must be entered for ratings of 1 or 5.

A. Management of CCEI Contract (weight=.12)	Average Score	4.0
		Rating Scale:
		1 - 5
1. On Full CCEI/Hybrid/Regular Contracts: Continuously provided CTQP qualified, experienced staff as proposed; was responsive to Department staffing requests; if personnel changes occurred, reasonable efforts were made so that credentials of replacement staff were equal to or exceeded the qualifications of the person (s) originally approved.	4	4
2. On Full CCEI/Hybrid/Regular Contracts: Utilized CEI personal protective equipment at all times as required.	4	4
3. On Full CCEI/Hybrid/Regular Contracts: Compliance with agreed upon DBE/MBE utilization goals and procedures.	4	4
4. On Full CCEI/Hybrid/Regular Contracts: Effectively implemented and administered CCEI Q plan. Continuously assure that inspection personnel is aware of and implementing all requirements of the Statewide Inspection Guide list.	4	4
5. On Full CCEI/Hybrid/Regular Contracts: Utilized CEI staff efficiently based on the Contractors resources and schedule, including staggering and adjusting the CEI staff work hours to meet the Contractor's work plan.	4	4
6. On Full CCEI/Hybrid/Regular Contracts: Utilized CEI staff efficiently based on the Contractors resources and schedule, including staggering and adjusting the CEI staff work hours to meet the Contractor's work plan.	4	4
7. For Task Driven Contracts (Districtwide, On-call, GEC type): Responded by the Department deadline whether a task request was accepted. If accepted, promptly developed an understanding of the assignment; prepared and submitted an accurate request package, and dispatched approved, properly equipped personnel when needed, but not prior to receiving authorization. Submitted daily and quantity reports for the management area on the project staffing.		
8. For Task Driven Contracts (Districtwide, On-call, GEC type): Provided qualified personnel as requested, covered emergencies and multiple shifts in a timely manner.		
9. For Task Driven Contracts (Districtwide, On-call, GEC type): Responsive to requests, communicated with PM/PA, and timely execution of Task Work Orders		

FDOT Evaluator Section Comments:

This project was over five years and during that period there were several changes in staffing, the team always met and often exceeded expectations with change out of staff.



B. Issue Identification and Resolution (weight=.14)		Average Score	4.3
		Rating Scale:	1 - 5
1. Acted proactively when identifying issues by working with various stakeholders including utilities, cities, counties, and the contractor so as to minimize time and cost overruns.			5
2. Conducted thorough analysis of issues including a review of various alternative solutions with enough detail and back-up to show logic behind alternatives. Provided documentation for time and cost impacts as required by CPAM.			4
3. Made decisions appropriate with authority and based these decisions on solid logic and enough supporting detail to demonstrate a well-researched effort. Decisions/recommendations consistent with the analysis.			4
4. Resolved issues in a timely manner so as to eliminate and/or minimize time and cost impacts to the project. Escalated issues to the Department only when efforts towards resolution had reached an impasse, the issues were beyond the consultant's authority, or when project delays could result.			4

FDOT Evaluator Section Comments:

This project was extremely challenging both from the design perspective and contractor knowledge. The team extremely proactive in trying to work out issues at the lowest level all while keeping the project moving forward and with the best interest of the Department and the tax payers



C. Communication and Coordination (weight=.09)	Average Score	4.1
	Rating Scale:	1 - 5
1. Provided necessary project information to all project stakeholders.		4
2. Used an established system to track communications.		3
3. Scheduled, held, and documented the Pre-Construction Conference, the Monthly Scheduling Meetings, pre-activity meetings on major project activities, and the Progress Meetings (i.e. Submittals, RFI's, Progress/Schedule, MOT, Utilities, CPPR, Outstanding Issues and Claims).		4
4. Notified Department immediately of issues impacting schedule and costs.		5
5. Documented oral communications in Daily Reports, logs, or other means.		4
6. Coordinated with department personnel to ensure effective contract management, with required submittals made timely, in the subscribed format, with no material errors. User IDs requested promptly and access maintained; timesheets signed weekly, if required; sub-consultants paid promptly; contract funds were tracked & reported as requested to avoid rush amendments; out-of-fund conditions, or settlement agreements.		4
7. Communicated regularly with the Department CPM/Project Administrator and performed QC/QA inspection of staff on longer assignments to ensure the Department needs were being met.		5
8. Prepared written communications in the form, format, and details required by CPAM, etc. and within the appropriate time frame.		4

FDOT Evaluator Section Comments:

With a project time of over five years and considering the challenges the JMT team performed an amazing job in communication and coordination from all aspects. The team was always up to date on the latest forms policies and procedures.



D. Project Documentation (weight=.13)	Average Score	4.2
Rating Scale:		1 - 5
1. Kept Monthly and Final estimates up to date as the project progressed.		4
2. Tracked, reviewed and monitored RFI's, shop drawings, contract changes, and other action items to achieve timely resolution.		5
3. Prepared and organized thorough and complete project documentation including a clear filing system, Daily diaries, claims documentation, Compliance monitoring and documentation, weather letters, and other project records.		4
4. Input information and documentation into Site Manager, EDMS, and MAC in a timely manner and complied with electronic documentation requirements.		4
5. Accurately verified pay items.		4
6. Contract modifications submitted are clear, accurate and include sufficient backup documentation.		4

FDOT Evaluator Section Comments:

This project had 173 RFI's , multiple large plan revisions, countless quantity changes due to design inconsistencies and the team managed to keep everything in accurate and up to date. There was one major claim review early on in the project which the team performed a very through analysis which was utilized by the department for settlement.



E. Effective Administration of the Construction Contract (weight=.24)	Average Score	4.0
---	---------------	-----

Rating Scale: 1 - 5

- | | | |
|--|--|---|
| 1. Administered the contract according to the plans, specifications and Contract provisions. Provide clear and timely interpretation of contract documents to Contractor. | | 4 |
| 2. Reviewed, approved, and monitored the contractor's QC plan. Took action when necessary. Verified that materials used by the Contractor substantially conformed to plans, specifications and contract provisions. | | 4 |
| 3. Provided daily inspection and testing services as required by the contract and shared results with the Contractor. Reviewed Contractor's QC results, compared to VT results and took appropriate actions. | | 4 |
| 4. The estimate (Monthly or Final) is true and correct as determined by the Consultant's reasonable and independent investigation and measurements. | | 4 |
| 5. Effectively and accurately administered the CPPR to hold the Contractor accountable for performance. Explained criteria at the pre-construction conference, discussed at the progress meetings and maintained accurate records. Utilized the CPPR process effectively to encourage Contractor to take full responsibility for quality at all levels and to properly document those items if they did not. When warranted, withheld estimates and issued verbal warnings, deficiency warning letters, and deficiency letters as appropriate. Ensure all verbal warnings, deficiency warning letters, and deficiency letters are clearly documented on the Daily Work Reports. | | 4 |

FDOT Evaluator Section Comments:

Over the five year duration of this project the JMT team performed above expectation on the administration of this contract. There multiple issues and they documented, discussed and utilized CPPR to it fullest potential. DWR's were accurate and available. The final estimate were complete, on time and no procedural errors which is outstanding considering the nature of this project.

F. Permit Monitoring (weight=.09)	Average Score	4.3
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Rating Scale: 1 - 5

- | | | |
|---|--|---|
| 1. Monitored, verified, and documented that all permit conditions were met. | | 4 |
| 2. Monitored and verified the Contractor's submittals were prepared and submitted in accordance with the contract documents/permits. | | 4 |
| 3. Documented and proactively worked with the Contractor, EOR, and Permit Agencies to resolve environmental issues in a timely manner. | | 5 |

FDOT Evaluator Section Comments:

The project limits are very sensitive both historically and environmentally. This team has been very proactive in working with the permitting agencies to partner.



G. Proactive in Regard to Public Concerns (weight=.09) Average Score 4.0

Rating Scale: 1 - 5

- | | |
|--|---|
| 1. Provided current updates and advance notification of traffic shifts, durations, and impacts to residencies, businesses, emergency services and other entities along the project right-of-way. | 5 |
| 2. Prepared, maintained, and distributed an emergency contact list of key Department, Consultant, and Contractor personnel, and used it appropriately. | 3 |
| 3. Logged, documented, tracked, and took appropriate action on all public initiated inquiries from first contact through disposition or resolution. Participate on public related meeting to assist PIO with distributing information and answering questions related to the project impacts on stakeholders. | 4 |
| 4. Coordinated with the District Public Information Office, providing relevant data as requested for newsletters, media releases, public meetings, brochures, etc. | 4 |
| 5. Monitored that business, resident and pedestrian accesses were maintained and the signage was placed in accordance with all governing documents, and took appropriate action when necessary. | 4 |

FDOT Evaluator Section Comments:

This is a historic neighborhood and this team has done an excellent job of providing project information to all the residents along the corridor.

H. Effect on Construction Cost and Time (weight=.10) Average Score 4.5

Rating Scale: 1 - 5

- | | |
|--|---|
| 1. Schedule submittals were reviewed in accordance with specifications and the Contract. Reviewed the schedule monthly, met with the Contractor monthly to discuss the schedule, and took appropriate action when construction fell behind schedule in accordance with the critical path to minimize delay to the project. | 4 |
| 2. Verified the utility relocations were properly shown in the schedule, attempted to get the utility companies to buy into the schedule and consistently tracked and communicated with utilities to ensure that the utility companies complied with their schedules. Took appropriate actions when schedules were not met. | 5 |

FDOT Evaluator Section Comments:

Utility relocations continue to be difficult on this project and this team has been right on top of any utility as they arise.

Interim or Final Evaluation? Final



Tab 2

Personnel & Experience



2A. RESUME FOR EACH KEY INDIVIDUAL EXPERIENCE

Marcelo Dimitriou, PE

CEI Project Manager
Fort Pierce, Florida

EXPERIENCE:

32 Years

EDUCATION/LICENCES:

B.S. Civil Engineering, University of Florida (1988)
Florida - Board of Professional Engineers
Massachusetts - Board of Professional Engineers



TRAINING/CERTIFICATIONS:

- Florida Engineering Society
- FDOT Advanced MOT Certification
- FDOT Critical Structures Training
- FDOT CTQP QC Manager
- FDOT CTQP Final Estimates I & II
- FEMA Introduction to Debris Management
- FEMA National Incident Management System (NIMS)
- Parsons Brinckerhoff Project Management Training
- Railroad Safety Training
- Site Manager Training
- FDOT Claims & Changes Training
- Claims & Changes Seminar (Bechtel)
- FEMA Intro. to Incident Command Systems

KEY PROJECTS:

Floresta Drive Phase 1 CEI, Port St Lucie, Florida (2020-2022)

Project involved construction management and supervision for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included dedicated bicycle lanes, multiple ponds to provide roadway drainage, flood protection and aesthetic value, sidewalks, street trees and landscaping, pedestrian and FPL street lighting, landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie County and FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. *Specific role: CEI Project Manager.*

Floresta Drive Phase 2 CEI, Port St. Lucie, Florida (2022-Ongoing)

Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. *Specific role: CEI Project Manager.*

Indrio Road & North Kings Highway Intersection CEI, St. Lucie County, Florida (2017-2019)

C&T provided CEI services for St. Lucie County. Project activities included the widening of 5,000'+/- of North King's Highway and 4,000'+/- of Indrio Road, from 2 travel lanes to 4 travel lanes. Roadway widening included the construction of dedicated left and right turn lanes. In addition to the added travel lanes, project



work included a 12' shared use path and a 6' sidewalk throughout. Drainage improvements to the project included new stormwater ponds; relocation of a 1,900'+/- of FPFWCD Canal #4 and the box culverting (9'x 6' box culvert) of 1,300'+/- of this canal. *Specific role: CEI Project Manager.*

Becker Road West Phase 1, Port St. Lucie, Florida (2021-2022)

Work scope included construction of approximately 1 mile of two lane roadway. Elements of the work included roadway construction, ditch and control structure, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. *Specific role: CEI Project Manager.*

Becker Road West Phase 2, Port St. Lucie, Florida (2021-Ongoing)

C&T provided design and permitting, CEI and surveying services of Becker Road West – Phase 2 from the extension of Community Boulevard to the west side of the GHO development parcel located within the Southern Grove development. The project consists of approximately 3,200 linear feet of a 4-lane divided urban arterial roadway with an initial 2-lane construction phase. Surveying services include boundary and topographic surveys, title reviews, utility locations, easement preparation and platting. Relevant Activities: CEI, Public Awareness, MOT, Agency Coordination and NPDS Compliance. *Specific role: CEI Project Manager.*

West Midway Road CEI, St. Lucie County, Florida (2016-2018)

C&T provided CEI services to St. Lucie County for the reconstruction of a 1.25 miles segment of West Midway Road (CR 712), from South 25th Street to west of Selvitz Road from a 2-lane to 4-lane roadway, with median and landscape improvements. The project included major intersection reconstruction at Selvitz Road and minor intersection works at Christensen Road and South 25th Street. Extensive utility relocations to both underground and overhead services were required. CEI services provided for this project involved the supervision and inspection of all roadway reconstruction activities; the construction of four (4) off-site drainage ponds; the culverting of approximately 6,000 ft. of NSLRWCD Canal #108 with an 8' x 9' box culvert, pedestrian improvements, signalization, and landscaping; MOT through the project corridors was a major component of the project management process. *Specific role: CEI Project Manager.*

The Saints at Port St. Lucie Golf Course CEI, Port St. Lucie, Florida (2022-Ongoing)

C&T provided design, permitting, and CEI services in support of the expansion of existing retention lakes to help reduce runoff during storm events, filtering out pollutants. The project scope includes excavation to expand three (3) existing stormwater retention lakes, one (1) new stormwater retention pond, the addition of littoral zone plantings at 30% coverage added to the new and expanded retention ponds, associated stormwater conveyance improvements required to direct the runoff to the lake retention system, and addition six (6) new outfall control structures. The expansion of retention lakes at Saints Golf Course will produce water quality, habitat, and community resilience benefits. Relevant Activities: CEI, Public Awareness, Agency Coordination and NPDS Compliance. *Specific role: CEI Project Manager.*

McCarty Ranch Water Farm Area Phase 1, Port St. Lucie, Florida (2017-2018)

C&T provided CEI services to the City associated with the construction of a 240 acre above ground water impoundment. Services included clearing and grubbing, construction of earthen perimeter berm to contain the water, installation of emergency overflow structures and piping, installation of slide gates, installation of piping for pump system, and stabilization. Provided needed documentation and reporting for the FDEP/SFWMD grants. Utilized drone to verify contractor's earthwork quantities. *Specific role: CEI Project Manager.*



Steven Haines, PE, LEED AP

JMT, Project Manager
Port St. Lucie, Florida

EXPERIENCE:

18 Years

EDUCATION/LICENCES:

MS – Civil Coastal Engineering, University of Florida (2006)
BS – Mechanical Engineering, University of Florida (2005)
BS – Aerospace Engineering, University of Florida (2005)
Professional Engineer: FL 71522, LEED AP (BD+C) 10232666



TRAINING/CERTIFICATIONS:

- CTQP Asphalt Paving – L1 & L2
- CTQP Final Estimates – L1 & L2
- CTQP QC Manager
- Advanced MOT
- Critical Structures Issues
- FL Stormwater, Erosion & Sediment Control
- HAZMAT Certification
- Nuclear Safety Certification
- Silica Training ACEC/FES – 2019 FELI Class
- FDOT – Manager's Academy
- FDOT – Supervisor's Academy
- FDOT – Certified Public Manager Training
- FDOT – EEO, DBE and Payroll Compliance Training
- OSHA 10 Hour Training – Construction Safety & Health
- Treasure Coast Scenic Highway Committee Member
- City of Fort Pierce Infrastructure Surtax Committee Member

KEY PROJECTS:

Keen Rd. over Taylor Creek Bridge Replacement (940037), St. Lucie County, Florida (2024-Ongoing)

This project is for the full replacement of the Keen Rd. Bridge over the FPFWCD Canal No. 1/Taylor Creek. The project includes demolition of the existing structure, installation of four pile bents, three spans of Florida Slab Beams (FSB 15x55), a 6.5" cast-in-place concrete topping and raised sidewalks with traffic and bullet railing. The project also includes extensive riprap rubble, roadway reconstruction, cantilever sheet pile wall, and standard sheet pile wall with soil anchors. Construction Value - \$6.7M; Duration – 272 days. *Specific Role: Sr. Project Engineer. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.*

70 Pedestrian Bridge Rehabilitation, St. Lucie County, Florida (2023-Ongoing)

This project is for rehabilitation of an existing pedestrian bridge over SR 70 near the St. Lucie County fairgrounds. The bridge has been closed to pedestrians and the County will be turning over maintenance of this bridge to FDOT. Rehabilitation includes removal of the pedestrian enclosure, replacement of handrailing, cleaning and applying a class 5 coating, replacement of deck expansion joints, and repair/replacement of the lighting components. *Construction Value - \$342K; Duration – 155 days. Specific Role: Sr. Project Engineer. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.*



Anthony F. Sansone Sr. Blvd. Phase 3 Extension, Port St. Lucie, Florida (2023-Ongoing)

JMT is providing CEI services to the City of Port St. Lucie to construct a new roadway extension in Tradition that provides access for future commercial development. The improvements consist of approximately 1 mile of 2-lane construction with a center bi-directional lane, paved shoulders and turn lanes, closed drainage system, extensive lake excavation, water and gravity sewer as well as a new lift station. The project is partially funded by a Department of Economic Opportunity (DEO) grant and fully administered by the City's Community Redevelopment Agency (CRA). Construction Value – \$10.3M; Duration – 365 Days. *Specific Role: Sr. Project Engineer. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*

Torino Pkwy Improvement Project, Port St. Lucie, Florida (2023-Ongoing)

JMT is providing CEI services to the City of Port St. Lucie to construct a roundabout at the intersection of E Torino Pkwy and Turtle Dove Ln. and to construct turn-lane improvements at the intersection of E. Torino Pkwy and Midway Rd. Project items include earthwork, drainage improvements, swale relocation, sidewalk construction, utility relocations, landscaping and irrigation, and lighting improvements, signal adjustments, new signage, and pavement markings. Construction Value – \$2.2M; Duration – 270 Days. *Specific Role: Sr. Project Engineer. Reference: David Epperson, City of Port St. Lucie Project Manager, (772) 418-6886.*

Port St. Lucie Blvd From Darwin Blvd To Gatlin Blvd., Port St. Lucie, Florida (2023-Ongoing)

This project, administered on behalf of the City, includes FDOT funding oversight via a TRIP Agreement. The scope of work includes clearing & grubbing; widening; reconstruction; drainage modifications; concrete curb & gutter, traffic separator, and sidewalk; utility relocations, including water and sewer line installation; drill shafts; traffic signal installations; lighting; and ADA improvements. Construction Value - \$8M; Duration – 540 days. *Specific Role: Sr. Project Engineer. Reference: Tom Salvador, City of Port St. Lucie Project Manager, (772) 370-5821.*

Melville Drainage improvements PH-II Project, St. Lucie County, Florida (2024-Ongoing)

JMT is providing CEI services to St. Lucie County Water Quality Division for constructing an 8.8-acre Stormwater Treatment Area at South Citrus Avenue and Mallard Court. The project includes pond excavation, installation of stormwater pipe, construct and modify drainage structures, roadway reconstruction, landscaping, and fencing. Construction Value - \$1.3M; Duration – 240 days. *Specific Role: Sr. Project Engineer. Reference: Gary Franklin, Project Manager, (772) 462-1192.*

CEI Services for Bell Avenue Sidewalk, St. Lucie County, Florida (2023)

This project includes improvements along the South side of Bell Avenue from 25th Street to Sunrise Boulevard. Improvements include installation of a 6 ft. wide concrete sidewalk, driveway and culvert replacement, swale realignment, updated signage, utility relocations, and striping of crosswalks. The project includes close coordination with the public and County staff to minimize disruptions to the traveling public as this corridor carries significant industrial and commercial traffic to the local area. Additionally, this is a LAP funded project with FDOT oversight. Construction Contract Value – \$252K; Duration – 240 days. *Specific Role: Sr. Project Engineer. Reference: Edmund Bas, PE, Assistant County Engineer, (772) 216-0142.*

Bayshore Blvd. at Lakehurst Dr. Intersection Project, Port St. Lucie, Florida (2023)

JMT is providing CEI services to the City of Port St. Lucie to install a new mast arm traffic signal at the intersection of SW Bayshore Blvd. and SW Lakehurst Dr. Project items include four (4) new traffic signal mast arms and foundations and controller assembly, vehicle video detection equipment, pedestrian signals and detectors, signal cable, sidewalk curb ramps, signs, and pavement markings. Construction Value – \$684K; Duration – 270 Days. *Specific Role: Sr. Project Engineer. Reference: Paul Johnson, City of Port St. Lucie Project Manager, (772) 871-5182.*



James Ashburn
Lead Senior Inspector
Fort Pierce, Florida

EXPERIENCE:
20 Years

EDUCATION/LICENCES:
High School Diploma



TRAINING/CERTIFICATIONS:

- Advanced MOT
- Asphalt Paving L1 & L2
- Final Estimates L1 & L2
- FDOT Concrete Field Tech. L1
- Earthwork L1 & L2
- FDOT Drilled Shaft Inspection
- QC Manager
- IMSA Roadway Lighting
- IMSA Traffic Signal Inspector L1
- HAZMAT Certification
- ACI Field Testing 1
- Critical Structures
- ADA Training
- MSE Wall Inspector - CBT
- Auger Cast Piles - CBT
- Stormwater Erosion and Sedimentation Control Inspector
- OSHA 10 Hr. Safety & Health (TINA #21644880)

KEY PROJECTS:

Floresta Dr. Phase II Reconstruction, St. Lucie County, Florida (2022 – Ongoing)

Provided CEI Services for improvements along a critical corridor of Port St. Lucie from the Elkam Waterway to Crosstown Parkway. The project includes full reconstruction of the roadway and replacement of the bridge at Elkam Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. Construction Contract Value – \$29.9M; Duration – 730 Days. Specific role: Senior Inspector.

Floresta Dr. Phase I Reconstruction, St. Lucie County, Florida (2022)

Provided CEI Services for improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkam Waterway. The project included full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. Construction Contract Value – \$11.1M; Duration – 365 Days. *Specific role: Senior Inspector.*

SR-732/Jensen Beach Boulevard from US1/SR-5 to Savannah Road, Martin County, FL (2020)

Provided CEI Services for widening to accommodate new bike lanes and milling and resurfacing all travel lanes and turn lanes. Other project improvements included sidewalk and pedestrian ramp upgrades, signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. *Specific role: Senior Inspector.*

**US1/SR-5 Milling & Resurfacing from North of SE Salerno Road to North of SE Fischer Street, Martin County, Florida (2019)**

Provided CEI Services for milling and resurfacing of all travel lanes, turn lanes, and shoulders. Other project improvements consisted of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings and upgrading pedestrian signal heads at three signalized intersections. **Reference: Mark Freeman, FDOT PM (772) 429-4904 (JMT).** *Specific role: Senior Inspector.*

General CEI Services, Palm Beach and St. Lucie County, Florida (2018)

Provided various CEI Services for inspection tasks throughout the Palm Beach/PGA area, as well as for the City of Port St. Lucie. Specific projects include: Tulip Boulevard (LAP Project) – Responsible for EEO interviews, CWT reports and Bulletin Board Inspection, as well as sample projects within the Palm Beach/PGA area. Responsible for daily inspection functions, signalization inspection and mast arm inspection. *Specific role: Senior Inspector.*

SR A1A & Sewall's Point Road Signalization Project, Martin County, FDOT District 4 (2017-2018)

Improvements under this project consisted of signalization with mast arms, fiber optic, pedestrian detectors, CCTV, as well as sidewalks and driveways, and landscaping on SR A1A (NE Ocean Boulevard) at the intersection of Sewall's Point Road in the Town of Sewall's Point. Mr. Ashburn worked on this project as a Senior Inspector, responsible for oversight of all project activities including signalization upgrades, concrete flatwork, landscape inspection, etc. **Reference: Mark Freeman, FDOT PM (772) 429-4904 (Milestone Construction Group).** *Specific role: Senior Inspector.*

Milling & Resurfacing of Kanner Highway/SR-76, from SR-15 to West of DW Lake Point Circle in Port Mayaca, Martin County, FDOT District 4 (2016-2017)

Improvements under this contract consisted of milling and resurfacing Kanner Highway, signing and pavement markings including rumble striping, shoulder widening, intersection and driveway paving, new guardrail and guardrail repair. Mr. Ashburn worked on this project as a senior roadway inspector, responsible for all daily diaries, construction observation, and data entry into site manager and the MAC System. **Reference: Mark Freeman, FDOT PM (772) 828-1338 (Milestone Construction Group).** *Specific role: Senior Inspector.*

Cameo Boulevard Sidewalk, City of Port St. Lucie, Florida (2016)

This project consisted of the construction of drainage, sidewalk, asphalt turnouts and water main adjustments along Cameo Blvd. in Port St. Lucie, Florida. The total project cost was \$610K. Mr. Ashburn served as the Senior Roadway Inspector and was responsible for all daily diaries, construction observation, and verification of construction (roadway, drainage, and sidewalk) for all work. He was responsible for all asphalt turnout construction and paperwork to meet LAP requirements. **Reference: Edie Majewski, City of Port St. Lucie (772) 871-5177 (Milestone Construction Group).** *Specific role: Senior Inspector.*

SR-76 Interchange, Martin County, Florida (2016)

This project consisted of the reconstruction of the SR-76 Interchange with Martin County and the FDOT. Mr. Ashburn served as the senior asphalt inspector (Level II) and was responsible for all daily diaries, construction observation, and verification of roadway asphalt activities. He worked to assist AACE with all asphalt QC; which included setting up computer files with Glen Beck (FDOT) and ensuring all paperwork related to asphalt and earthwork were up to date. Mr. Ashburn was responsible for all asphalt construction under the Contractor's QC plan in accordance with FDOT Standard Specifications and LAP Requirements. **Reference: Glen Beck, FDOT Asphalt Manager (772) 465-7396 (Milestone Construction Group).** *Specific role: Senior Inspector.*



Wesley Kraft, EI

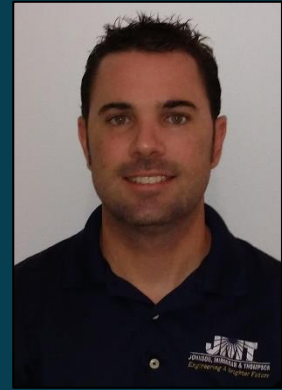
JMT, Deputy Project Manager
 Fort Pierce, Florida

EXPERIENCE:

10 Years

EDUCATION/LICENCES:

BS - Civil Engineering, University of South Florida, 2013
 AA - Indian River State College, Ft. Pierce, FL, 2012
 Engineering Intern: FL 100017836



TRAINING/CERTIFICATIONS:

- CTQP Asphalt Paving – L1 & L2
- CTQP Final Estimates – L1 & L2
- CTQP QC Manager
- Advanced MOT
- Critical Structures Issues
- FL Stormwater, Erosion & Sediment Control
- HAZMAT Certification
- Nuclear Safety Certification
- Silica Training ACEC/FES – 2019 FELI Class
- FDOT – Manager's Academy
- FDOT – Supervisor's Academy
- FDOT – Certified Public Manager Training
- FDOT – EEO, DBE and Payroll Compliance Training
- OSHA 10 Hour Training – Construction Safety & Health
- Treasure Coast Scenic Highway Committee Member
- City of Fort Pierce Infrastructure Surtax Committee Member

KEY PROJECTS:

Floresta Dr. Phase I Reconstruction, St. Lucie County, Florida (2020-2022)

This project included improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkhams Waterway. Improvements included full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project included close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers. Construction Value – \$12M; Duration – 717 days. *Specific Role: Project Manager.*

Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.

Floresta Dr. Phase II Reconstruction, St. Lucie County, Florida (2022-Ongoing)

Project includes improvements along a critical corridor of Port St. Lucie from the Elkhams Waterway to Cross-town Parkway. Improvements include full reconstruction of the roadway and replacement of the bridge at Elkhams Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. Construction Value – \$29.9M; Duration – 730 days. *Specific Role: Project Manager.* **Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.**

Keen Rd. over Taylor Creek Bridge Replacement (940037), St. Lucie County, Florida (2024-Ongoing)

This project is for the full replacement of the Keen Rd. Bridge over the FPFWCD Canal No. 1/Taylor Creek. The project includes demolition of the existing structure, installation of four pile bents, three spans of Florida Slab Beams (FSB 15x55), a 6.5" cast-in-place concrete topping and raised sidewalks with traffic and bullet



railing. The project also includes extensive riprap rubble, roadway reconstruction, cantilever sheet pile wall, and standard sheet pile wall with soil anchors. Construction Value - \$6.7M. *Specific Role: Project Manager.*

Anthony F. Sansone Sr. Blvd. Phase 3 Extension, Port St. Lucie, Florida (2023-Ongoing)

JMT is providing CEI services to the City of Port St. Lucie to construct a new roadway extension in Tradition that provides access for future commercial development. The improvements consist of approximately 1 mile of 2-lane construction with a center bi-directional lane, paved shoulders and turn lanes, closed drainage system, extensive lake excavation, water and gravity sewer as well as a new lift station. Construction Value – \$10.3M; Duration – 365 Days. *Specific Role: Project Manager. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*

CEI Services for Bell Avenue Sidewalk, St. Lucie County, Florida (2023)

This project included improvements along the South side of Bell Avenue from 25th Street to Sunrise Boulevard. Improvements included installation of a 6 ft. wide concrete sidewalk, driveway and culvert replacement, swale realignment, updated signage, utility relocations, and striping of crosswalks. This a LAP funded project with FDOT oversight. Construction Contract Value – \$252K; Duration – 240 days. *Specific Role: Project Manager. Reference: Edmund Bas, P.E., Assistant County Engineer, (772) 216-0142.*

Edwards Rd. Reconstruction, St. Lucie County, Florida (2022- Ongoing)

This project is a low bid, design-build, off-system Local Agency Project that includes the replacement of the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms and milling & resurfacing of Oleander Ave. south to the railroad tracks. The project includes close coordination with local utility companies, railroad representatives, and FDOT's adjacent ATMS project. Construction Value - \$6.7M; Duration – 422 days. *Specific Role: Project Manager. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.*

St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, Florida (2022)

JMT provided CEI services to St. Lucie County to repair 11 Mile Rd. Bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on the deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge-mounted conduit repairs. Construction Value – \$541K; Duration – 155 Days. *Specific Role: Project Manager. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*

McCarty Ranch Water Quality Restoration Project (Area 2,3,4), City of Port St. Lucie, Florida (2019-2023)

The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River. Construction Value \$1.9M; Duration – 210 Days, \$2M; Duration – 222 Days, \$2.5M – Duration 210 Days; respectively. *Specific Role: Project Manager. Reference: Carlos Camacho, PE – Port St. Lucie Utilities Dept. (772) 579-0734.*

SW Import Drive Sidewalk Phase I, Port St. Lucie, Florida (2022)

JMT provided CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Import Dr. from Oakwood Rd. to Inca Terrace. Other project items included driveway and culvert replacement, swale realignment, cross-drain replacement, updated signage, and striping of crosswalks. Construction Value – \$645K; Duration – 180 Days. *Specific Role: Project Manager. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*



Jamie T. Campbell
 CEI Senior Inspector
 Port St. Lucie, Florida

Experience:
 24 Years

EDUCATION/LICENCES:
 B.S. Civil Engineering, Embry-Riddle Aeronautical University (1998)
 CTQP ID C51443873



TRAINING/CERTIFICATIONS:

- FAA Remote Pilot (Remote Pilot Certificate No. 4523330)
- CTQP Asphalt Paving Level 1
- CTQP Asphalt Paving Level 2
- CTQP Asphalt Plant Level 1
- CTQP Concrete Field Technician Level 1
- ACI Concrete Field Testing Technician Level 1
- CTQP Earthwork Construction Inspection Level 1
- CTQP Earthwork Construction Inspection Level 2
- Nuclear Radiation Safety Certificate
- MOT Intermediate
- CTQP Drilled Shaft Inspection
- CTQP Final Estimates Level 1
- Troxler Nuclear Density Certification
- HAZMAT Certification
- NPDES Stormwater
- Intermediate MOT
- Critical Construction Issues
- MSE Wall Inspection
- FDOT Structures Inspection Level 1 & 2
- FDOT Plan Reading
- OSHA 30 Hour Safety Training

KEY PROJECTS:

Floresta Drive Phase 1, Port St. Lucie (2020-2022)

Provided CEI services related to construction management and supervision for Floresta Drive Phase improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included Dedicated bicycle lanes, multiple ponds to provide roadway drainage, flood protection and aesthetic value, sidewalks, street trees and landscaping, pedestrian and FPL street lighting, landscaped roundabouts utilities, landscaping and irrigation. project activities included close coordination with St. Lucie County and FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. *Specific role: Sr. Inspector.*

Indrio Road & North Kings Highway Intersection CEI, St. Lucie County, Florida (2017-2019)

C&T provided CEI services to St. Lucie County. Project activities included the widening of 5,000'+/- of North King's Highway and 4,000'+/- of Indrio Road, from 2 travel lanes to 4 travel lanes. Roadway widening included the construction of dedicated left and right turn lanes. In addition to the added travel lanes, project work includes a 12' shared use path and a 6' sidewalk throughout. Drainage improvements to the project included new stormwater ponds; relocation of a 1,900'+/- of PPFWCD Canal #4 and the box culverting (9'x 6' box culvert) of 1,300'+/- of this canal. *Specific role: Sr. Inspector.*

**SR No. 5 (US-1) - Landscape Improvements CEI, Port St. Lucie, Florida (2023-Ongoing)**

Provided CEI services in support of replacement of median soils, installation of mainline irrigation via directional bores and direct bury methods, installation of wells, irrigation, stamped concrete and plantings. Challenges include MOT on high traffic volume roadway with many driveways. *Specific Role: Sr. Inspector.*

Edwards Road Reconstruction, St. Lucie County (2021-2024)

C&T provided CEI services associated with reconstruction of Edwards Road between U.S. 1 and Oleander Avenue. This project is a design build project and was administered under the FDOT LAP program. The reconstruction includes roadway, curb and gutter, drainage, and utilities. The County received emergency funding from FHWA. *Specific role: Sr. Inspector.*

Paradise Park Drainage Improvements – Phase 4, St. Lucie County (2019-2020)

Provided CEI Services associated with drainage improvements and roadway restoration in a neighborhood setting. The work included expansion of retention areas, swale construction, drainage structure and culvert installation, utility adjustments, driveway reconstruction sidewalk construction and roadway reclamation. This work within an active residential neighborhood required extensive coordination with residents and detailed MOT considerations. Worked with the County and contractor to implement field adjustments dictated by existing conditions. *Specific role: Sr. Inspector.*

King's Highway (SR 713) and Indro Road (SR/CR 614) Intersection Improvement, St. Lucie County (2017-2020)

The improvements associated with the project included the widening of approximately 5,000ft. of North King's Highway and approximately 4,000ft. of Indrio Road, from 2 to 4 lanes. Roadway widening included the addition of dedicated left and right turn lanes at this intersection. In addition to the added travel lanes, the project includes a 12ft. shared use path and 6-foot sidewalks throughout. Drainage improvements to the area include the construction of approximately 2.5 acres of new stormwater ponds; the relocation of approximately 1,900ft. of FPFWCD Canal #4 and the box culverting (9'x 6' box culvert) of approximately 1,300 ft. of this same canal as it passes through the physical intersection area. Other elements of the project included utility relocations, signalization improvements, and landscape improvements. *Specific role: Sr. Inspector.*

Eastern Watershed Improvement Project – Lennard Square, City of Port St. Lucie (2013-2014)

Provided full CEI Services associated with construction of a stormwater treatment pond, installation of drainage structures and culverts, roadway culvert crossings, culverting of ditch with 72" RCP, bank stabilization, rip rap, sidewalks, aquatic plantings, and landscaping. This project was in both a residential area and busy business area and required careful coordination and attention to MOT. Work took place along busy roadway and in residential neighborhood settings. *Specific role: Sr. Inspector.*

West Midway Road CEI, St. Lucie County, Florida (2016-2018)

C&T provided CEI services to St. Lucie County for the reconstruction of a 1.25 miles segment of West Midway Road (CR 712), from South 25th Street to west of Selvitz Road from a 2-lane to 4-lane roadway, with median and landscape improvements. The project included major intersection reconstruction at Selvitz Road and minor intersection works at Christensen Road and South 25th Street. Extensive utility relocations to both underground and overhead services were required. CEI services provided for this project involved the supervision and inspection of all roadway reconstruction activities; the construction of four (4) off-site drainage ponds; the culverting of approximately 6,000 feet of NSLRWCD Canal #108 with an 8' x 9' box culvert, pedestrian improvements, signalization, and landscaping; MOT through the project corridors was a major component of the project management process. *Specific role: Sr. Inspector.*



Felix Roman

JMT, CEI Senior Inspector
Fort Pierce, Florida

EXPERIENCE:

18 Years

EDUCATION/LICENCES:

Escuela Superior Antonio Luchetti High School



TRAINING/CERTIFICATIONS:

- Asphalt Paving Levels 1 & 2
- Earthwork Construction Inspection Level 1 & 2
- Final Estimates Level 1
- Intermediate MOT
- Concrete Field Tech. Level 1
- ACI Concrete Field-Testing Technician Level 1
- IMSA Traffic Signal Inspector Level I
- Hazmat Nuclear Gauges
- Nuclear Safety Certification
- OSHA Construction Safety
- Stormwater Management Inspector
- Critical Structure
- Augercast Pile (CBT)
- MSE Wall (CBT)

KEY PROJECTS:

Floresta Dr. Phase II Reconstruction, St. Lucie County, FL, City of Port St. Lucie (2022-Ongoing)

This project included improvements along a critical corridor of Port St. Lucie from the Elkham Waterway to Crosstown Parkway. Improvements included full reconstruction of the roadway and replacement of the bridge at Elkham Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. The project included close coordination with the public and City staff to minimize disruptions to the traveling public as this corridor includes an elementary school. Construction Value – \$29.9M; Duration – 730 days. *Specific Role: Senior Inspector. Reference: Heath Stoc-ton, PE, Assistant Public Works Director, (772) 370-8203.*

Floresta Dr. Phase I Reconstruction, St. Lucie County, Florida (2020-2022)

This project included improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkham Waterway. Improvements included full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project included close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers. Construction Value – \$12M; Duration – 717 days. *Specific Role: Senior Inspector. Reference: Heath Stoc-ton, PE, Assistant Public Works Director, (772) 370-8203.*

Keen Rd. over Taylor Creek Bridge Replacement (940037), St. Lucie County, Florida (2024-Ongoing)

This project is for the full replacement of the Keen Rd. Bridge over the FPFWCD Canal No. 1/Taylor Creek. The project includes demolition of the existing structure, installation of four pile bents, three spans of Florida Slab Beams (FSB 15x55), a 6.5” cast-in-place concrete topping and raised sidewalks with traffic and bullet railing. The project also includes extensive riprap rubble, roadway reconstruction, cantilever sheet pile wall, and standard sheet pile wall with soil anchors. *Construction Value - \$6.7M; Duration – 272 days. Specific Role: Senior Inspector. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.*



St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, Florida (2022)

JMT provided CEI services to St. Lucie County to repair 11 Mile Rd. Bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge-mounted conduit repairs. Construction Value – \$540K; Duration – 155 Days. *Specific Role: Senior Inspector. Reference: Michael Harvey, EI, St. Lucie County Project Manager, (772) 216-2586.*

Reconstruction of Midway Road (CR-712) from West of 25th Street to East of US-1, St. Lucie County, FL, FDOT District 4 (C9P82 | 231440-2-62-01) (2017-2021)

This project entailed CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project included modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. The project also included full bridge replacement, new signalized intersections, major utility improvements, street lighting, landscaping, irrigation, etc. As a Roadway Inspector, Mr. Roman was responsible for overseeing the Contractor's field operations, primarily drainage, earthwork, stabilization, base, and utility construction. *Specific Role: Senior Inspector. Reference: John Spivey, TCOPs PM, (772) 216-4273.*

SR-9/I-95 over Gatlin Boulevard and SR-9/I-95 over CR-712 Midway Road, St. Lucie County, FL FDOT District 4. (Design-Build). (C9M72 | 436646-1-62-01) (2016-2017)

This project entailed replacing four bridge decks, including traffic railings and expansion joints with backer rods and non-shrink grout at End Bents 1 & 5. The replacement occurred in two phases: Phase I included the demolition and placement of the outside half of the bridge decks (29.38' wide) and Phase II mirrored Phase I construction to the inside of the bridge decks. The four bridge decks are located at the northbound (Bridge No. 940109) and southbound (Bridge No. 940108) I-95 over Gatlin Boulevard and northbound (Bridge No. 940111) and southbound (Bridge No. 940112) I-95 over Midway Road. *Specific Role: Senior Inspector. Reference: Marla Hewson, FDOT PM (772) 349-6728.*

Treasure Coast General Assign, FL, FDOT District 4 (C9375 | 22996-4-56-20) (2016)

Under this general assign contract, Mr. Roman assisted Treasure Coast Operations with utility coordination/utility relocations and general roadway inspections on various projects. *Specific Role: Senior Inspector. Reference: Kristy Keeler (772) 429-4895.*

CEI Services for SR-710 (Beeline Highway) from West of Australian Avenue to Old Dixie Highway, Palm Beach County, FL, FDOT District 4 (C9L68 | 22989616201) (2016)

Mr. Roman was responsible for the perimeter wall on the SR-710 project, along with the inspection and verification for the underground drainage and utilities. *Specific Role: Senior Inspector. Reference: Michel "Sid" Mailhes, Project Oversight III (561) 432-4966.*

I-95 Lighting Project from CR-708 to High Meadows, Martin County, FL. FDOT District 4 (2015-2016)

This \$2.8M project involved adding conventional lighting to SR-9/I-95. The scope of the project entailed construction and installation of bridge light pole pilaster foundations, precast light pole foundations, pull boxes, four load centers, lighting conductors, pole-arm-luminaire assemblies, etc. *Specific Role: Senior Inspector. Reference: K.C. Jose, FDOT Project Manager (772) 519-2348.*

Savona Boulevard Sidewalk and Pedestrian Bridge (LAP), Port St. Lucie, Florida (2015)

Project entailed drainage, sidewalk, and water main improvements along Savona Boulevard. Mr. Roman was responsible for all daily diaries, construction oversight, and verification of the roadway, drainage, and sidewalk construction. *Specific Role: Senior Inspector. Reference: Clyde Cuffy, Project Manager (772) 871-5177.*



Dakota Preis

Inspector
Fort Pierce, Florida

EXPERIENCE:

6 Years

EDUCATION/LICENCES:

Okeechobee High School Graduate 2018
Indian River State College, Construction Management Coursework
(non-degree seeking)



TRAINING/CERTIFICATIONS:

- Asphalt I
- Asphalt II (pending) Earthwork I
- FDOT Concrete
- ACI Concrete
- MOT Intermediate
- Introduction to Debris Management (IS-00632.A)

KEY PROJECTS:

Floresta Drive Phase 1 CEI, Port St Lucie, Florida (2020-2022)

C&T provided CEI services for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included dedicated bicycle lanes, multiple ponds to provide roadway drainage, flood protection and aesthetic value, sidewalks, street trees and landscaping, pedestrian and FPL street lighting, landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie County and FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. *Specific role: Inspector.*

Floresta Drive Phase 2 CEI, Port St. Lucie, Florida (2022-Ongoing)

C&T provided CEI services for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. *Specific role: Inspector.*

Oleander Sidewalk Improvements Project CEI (LAP Funded) Fort Pierce, Florida, (2022-Ongoing)

Project involved construction management and supervision for Oleander Avenue Sidewalk (from Midway Road to S. Market Avenue). Scope of work included contract administration including correspondence, meetings, monthly reports, pay request review, RFI and submittal coordination, labor interviews, bulletin board inspections, Commercial Useful Function Reports, as-built review, obtaining and provide confirming LAP documentation for closeout. *Specific role: Inspector.*

FPL Solar Energy Center, County-wide (2018-Ongoing)

Services provided include civil due diligence inspections and reports, EPC drawing preparation, permitting, and construction inspection services for various Solar Energy Centers in the County. Coordination is required with various permit agencies including FDOT, St. Lucie County, FDEP, SFWMD and others. Responded to Requests for Additional information and assisted with field directive design revisions. Provided certification and turnover services to local agencies. In St Lucie County alone, we have provided these



services for over 15,000 acres of land in the last five (5) years. Some of the St. Lucie County solar sites include, Sunbreak Farms, Loggerhead Solar, Sundew Solar, Pineapple Solar, Orchard Solar, Bluefield Solar, Clover Solar, Indrio Solar, Waveland Solar, Interstate Solar, Pink Trail Solar. *Specific role: Inspector.*

Debris Monitoring Services for Hurricane Ian, Okeechobee County, Florida (2022)

Provide debris monitoring services for Okeechobee County for Hurricane Ian as Supervising Monitor. Services provided include training debris monitors in use of electronic load tickets and automated reporting and continued monitoring of collection efforts. Other tasks of this project are to collect baseline data, assist the County in obtaining necessary local and state permits for designated management sites, review contractors' invoices and provided data reconciliation, and maintain a log of all ticket information. *Specific role: Inspector.*

Roadway Assessment and Inventory Project, Okeechobee County, Florida (2018-2019)

Perform pavement condition survey and develop a Pavement Condition Index (PCI) for each street on a block by block basis throughout County. Conduct visual inspections of the city-maintained roadway network in accordance with ASTM 06433-11, Standard Practice for Roads and Parking Lot Pavement Condition Index Surveys. Record observable distress based on the type, severity and quantity of distress. Develop a list of alternative street treatment methods and unit costs based on street PCI assign appropriate treatment and develop total cost of maintenance. Provide recommendations to the county for desired budget for proper long-term maintenance of asphalt pavement. Work with county to develop criteria for establishing maintenance zones and delineate zones on city street map. *Specific role: Inspector.*

Tradition and Southern Grove Community Development Districts, Port St. Lucie, Florida (2019- Ongoing)

Inspector on behalf of Southern Groves CDD's 1 through 11 and Southern Grove CDD's 1 through 10. Responsibilities include providing construction oversight on behalf of the Districts for various permit application including Right-of-Way, Stormwater, Irrigation and Site Plans permits. Tasks include daily reports, utility locates, site review of construction activities impacting District infrastructure, pre-construction walkthroughs and post-construction final walkthroughs inspections. *Specific role: Inspector.*

Becker Road West Phase 1, Port St. Lucie, Florida (2021-2022)

C&T provided CEI services for Port St. Lucie. Work scope included construction of approximately 1 mile of two-lane roadway. Elements of the work included roadway construction, ditch and control structure, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. *Specific role: Inspector.*

Becker Road West Phase 2, Port St. Lucie, Florida (2021-Ongoing)

C&T provided CEI and professional surveying services of Becker Road West – Phase 2 from the extension of Community Boulevard to the west side of the GHO development parcel located within the Southern Grove development. The project consists of approximately 3,200 linear feet of a 4-lane divided urban arterial roadway with an initial 2-lane construction phase. Surveying services include boundary and topographic surveys, title reviews, utility locations, easement preparation and platting. Relevant Activities: CEI, Public Awareness, MOT, Agency Coordination and NPDS Compliance. *Specific role: Inspector.*



James P. "Butch" Terpening, PE

Principal, QA/QC
Fort Pierce, Florida

EXPERIENCE:

45 Years

EDUCATION/LICENCES:

B.S. Civil Engineering, University of Florida (1976)
Florida Professional Engineer Registration # 24276
Alabama Professional Engineer Registration # 39709
Louisiana Professional Engineer Registration # 48194
Georgia Professional Engineer Registration # 46393



TRAINING/CERTIFICATIONS:

- Florida Engineering Society
- American Society of Civil Engineers
- National Professional Engineers Society
- American Water Works Association
- FDOT LAP Training

KEY PROJECTS:

Floresta Drive Phase 1 CEI, Port St Lucie, Florida (2020-2022)

Project involved construction management and supervision for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included dedicated bicycle lanes, multiple ponds to provide roadway drainage, flood protection and aesthetic value, sidewalks, street trees and landscaping, pedestrian and FPL street lighting, landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie County and FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. *Specific role: Project Principal.*

Floresta Drive Phase 2 CEI, Port St. Lucie, Florida (2022-Ongoing)

Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. *Specific role: Project Principal.*

West Midway Road CEI, St. Lucie County, Florida (2016-2018)

C&T provided CEI services to St. Lucie County for the reconstruction of a 1.25 mile segment of West Midway Road (CR 712), from South 25th Street to west of Selvitz Road from a 2-lane to 4-lane roadway, with median and landscape improvements. The project included major intersection reconstruction at Selvitz Road and minor intersection works at Christensen Road and South 25th Street. Extensive utility relocations to both underground and overhead services were required. CEI services provided for this project involved the supervision and inspection of all roadway reconstruction activities; the construction of four (4) off-site drainage



ponds; the culverting of approximately 6,000 feet of NSLRWCD Canal #108 with an 8' x 9' box culvert, pedestrian improvements, signalization, and landscaping; MOT through the project corridors was a major component of the project management process. *Specific Role: Principal.*

Wylder Parkway Phase 1 CEI, Port St Lucie, Florida (2022-Ongoing)

Scope of Work included CEI of approximately 1 mile of two-lane roadway. Elements of the work included roadway construction, roundabout, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. *Specific Role: Principal.*

Paar Drive CEI, Port St. Lucie, Florida, (2022-Ongoing)

Project Principal responsible for overseeing the design and permitting of Paar Drive from Village Parkway to the Easterly extension of the Southern Grove development/ I-95. The project consists of approximately 2,800 linear feet of a 2-lane divided urban arterial roadway. Surveying services include boundary and topographic surveys, title reviews, utility locations, easement preparation and platting. *Specific Role: Principal.*

E-3 Canal Restoration Project, Port St. Lucie, Florida (2020-2023)

Provided CEI Services associated with restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintain active canal flows while installing dual large diameter culverts, backfilling of the canal, installation of drainage structures, bank stabilization and rip rap installation, final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring. *Specific Role: Principal.*

Becker Road West Phase 2, Port St. Lucie, Florida (2021-Ongoing)

C&T provided CEI services of Becker Road West – Phase 2 from the extension of Community Boulevard to the west side of the GHO development parcel located within the Southern Grove development. The project shall consist of approximately 3,200 linear feet of a 4-lane divided urban arterial roadway with an initial 2-lane construction phase. Surveying services includes boundary and topographic surveys, title reviews, utility locations, easement preparation and platting. Relevant Activities: CEI, Public Awareness, MOT, Agency Coordination and NPDS Compliance. *Specific Role: Principal.*

The Saints At Port St. Lucie Golf Course CEI, Port St. Lucie, Florida (2022-Ongoing)

C&T provided CEI Services in support of the expansion of existing retention lakes to help reduce runoff during storm events, filtering out pollutants. The project scope includes excavation to expand three (3) existing stormwater retention lakes, one (1) new stormwater retention pond, the addition of littoral zone plantings at 30% coverage added to the new and expanded retention ponds, associated stormwater conveyance improvements required to direct the runoff to the lake retention system, and addition six (6) new outfall control structures. The expansion of retention lakes at Saints Golf Course will produce water quality, habitat, and community resilience benefits. Relevant Activities: CEI, Public Awareness, Agency Coordination and NPDS Compliance. *Specific Role: Principal.*

Indrio Road & North Kings Highway Intersection CEI, St. Lucie County, Florida (2017-2019)

C&T provided CEI services to St. Lucie County. Project activities include the widening of 5,000'+/- of North King's Highway and 4,000'+/- of Indrio Road, from 2 travel lanes to 4 travel lanes. Roadway widening includes the construction of dedicated left and right turn lanes. In addition to the added travel lanes, project work includes a 12' shared use path and a 6' sidewalk throughout. Drainage improvements to the project include new stormwater ponds; relocation of a 1,900'+/- of FPFWCD Canal #4 and the box culverting (9'x 6' box culvert) of 1,300'+/- of this canal. *Specific Role: Principal.*



Frans Christensen

Sr. Inspector
Fort Pierce, Florida

EXPERIENCE:

41 Years

EDUCATION/LICENCES:

High School Graduate



TRAINING/CERTIFICATIONS:

- CTQP Asphalt Paving Level 1 & 2
- CTQP Earthwork Construction Inspection Level 1 & 2
- ACI Concrete Field Testing Technician Level 1
- ACI Concrete Transportation Inspector Level 2
- FDOT Concrete Field Inspector
- CTQP Final Estimates Level 1
- IMSA Traffic Signal Inspector Level I
- Troxler Nuclear Density Certification
- NPDES Stormwater
- Intermediate MOT
- Critical Construction Issues
- MSE Wall Inspection
- FDOT Structures Inspection Level 1 & 2
- FDOT Plan Reading
- HAZMAT Certification
- OSHA 30 Hour Safety Training

KEY PROJECTS:

Floresta Drive Phase 1 CEI, Port St Lucie, Florida (2020-2022)

Project involved construction management and supervision for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included dedicated bicycle lanes, multiple ponds to provide roadway drainage, flood protection and aesthetic value, sidewalks, street trees and landscaping, pedestrian and FPL street lighting, landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie County and FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. *Specific role: Sr. Inspector.*

Floresta Drive Phase 2 CEI, Port St. Lucie, Florida (2022-Ongoing)

Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. *Specific role: Sr. Inspector.*

North 2nd Street, Fort Pierce, Florida (2015-2018)

Provided on-site inspection services associated with improvements to North 2nd Street, which involves the total reconstruction of North 2nd Street, including relocated and upgraded of existing utilities and construction of new stormwater management system. The relocated and upgraded utilities include water mains, sanitary sewer system, sanitary sewer lift stations, natural gas mains, and electrical systems. The road construction included pavement, curb & gutter, sidewalks, stormwater collection system, detention ponds, landscaping and street lights. *Specific role: Sr. Inspector.*

**Becker Road West – Phase 1, Port St. Lucie, Florida (2021-2022)**

Work scope included construction of approximately 1 mile of two-lane roadway. Elements of the work included roadway construction, ditch and control structure, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. *Specific role: Sr. Inspector.*

Becker Road West – Phase 2, Port St. Lucie, Florida (2022-Ongoing)

Work scope included construction of approximately 1.5 mile of two-lane roadway. Elements of the work included roadway construction, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. *Specific role: Sr. Inspector.*

E-3 Canal Restoration Project, Port St. Lucie, Florida (2020-2021)

Provided CEI Services associated with restoration and culverting of the E-3 Canal in the City of Port St. Lucie. The work included maintaining active canal flows while installing dual large diameter culverts, back-filling of the canal, installation of drainage structures, bank stabilization and rip rap installation, final grading and stabilization. This work took place directly behind residences and required careful coordination as well as vibration and settlement monitoring. *Specific role: Sr. Inspector.*

Paar Drive CEI, Port St. Lucie, Florida (2021-Ongoing)

Work scope included CEI of Paar Drive from Village Parkway to the Easterly extension of the Southern Grove development/ I-95. The project consists of approximately 2,800 linear feet of a 2-lane divided urban arterial roadway. Elements of the work include roadway construction, curb, sidewalks, edge drain, ditch construction, water main, force main, drainage and fiber optic system. Work required coordination with FPL and adjacent projects. *Specific role: Sr. Inspector.*

West Midway Road CEI, St. Lucie County, Florida (2016-2018)

C&T provided CEI services to St. Lucie County for the reconstruction of a 1.25 miles segment of West Midway Road (CR 712), from South 25th Street to west of Selvitz Road from a 2-lane to 4-lane roadway, with median and landscape improvements. The project included major intersection reconstruction at Selvitz Road and minor intersection works at Christensen Road and South 25th Street. Extensive utility relocations to both underground and overhead services were required. CEI services provided for this project involved the supervision and inspection of all roadway reconstruction activities; the construction of four (4) off-site drainage ponds; the culverting of approximately 6,000 feet of NSLRWCD Canal #108 with an 8' x 9' box culvert, pedestrian improvements, signalization, and landscaping; MOT through the project corridors was a major component of the project management process. *Specific role: Sr. Inspector.*

The Saints at Port St. Lucie Golf Course CEI, Port St. Lucie, Florida (2022-Ongoing)

C&T provided design, permitting, and CEI services in support of the expansion of existing retention lakes to help reduce runoff during storm events, filtering out pollutants. The project scope includes excavation to expand three (3) existing stormwater retention lakes, one (1) new stormwater retention pond, the addition of littoral zone plantings at 30% coverage added to the new and expanded retention ponds, associated stormwater conveyance improvements required to direct the runoff to the lake retention system, and addition six (6) new outfall control structures. The expansion of retention lakes at Saints Golf Course will produce water quality, habitat, and community resilience benefits. *Specific role: Sr. Inspector.*



Thomas P. Kiernan, PSM
Project Manager - Survey
Fort Pierce, Florida

EXPERIENCE:

37 Years

EDUCATION/LICENCES:

Martin County High School Graduate
Indian River State College
Geomatics Coursework (non-degree seeking)
Professional Surveyor and Mapper
State of Florida Registration # 6199



TRAINING/CERTIFICATIONS:

- Florida Surveying and Mapping Society
- Indian River Chapter FSMS
- National Society of Professional Surveyors
- FDOT Certificate for GPS Control Network Analysis
- FDOT Maintenance of Traffic (Intermediate)

KEY PROJECTS:

Crosstown Parkway – Manth Lane to US 1, City of Port St. Lucie, Florida (2012-2021)

Project Surveyor for horizontal and vertical control, survey controls, topographic data collection and alignment services associated with the preliminary layout for the extension of Crosstown Parkway, from SE Manth to South US #1. Survey services were part of the initial planning and development for the final segment of the Crosstown Parkway and were used as part of the overall design/build contract. Services included FDOT Right-of-Way mapping and City parcel acquisition surveys (350 Parcels), Topographic Surveys, Bathometric Surveys, Final Platting. *Specific Role: Survey Manager.*

Southern Grove - Tradition Regional Park, City of Port St. Lucie, Florida, (2018-Ongoing)

Project Surveyor for all commercial plats for Tradition Regional Park located at Southwest Becker Road in Port Saint Lucie. Work effort included Southern Grove Plat No. 33, 35, 39 and 43. The platted tracts formed what today includes the Legacy Park development areas. Additional surveying services include boundary, topographic, sketch & legal descriptions, construction layout and PSLUSD as-builts. *Specific Role: Survey Manager.*

Indian River Estates Phase II, City of Fort Pierce, Florida (2016-2018)

Project Surveyor for as-built survey services that included field collecting and preparing as-built drawings showing all the facilities, as constructed by the County's contractor. The Indian River Estates project is a 1,300-acre residential neighborhood adjacent to the Savannas State Preserve. This neighborhood was historically flood prone and heavy rain events caused water to overtop roadways and damage structures. The County has completed construction of a pump station, stormwater force main and wet detention pond (Phase 1) as well as the backbone collection system for portions of the neighborhood (Phase 2). *Specific Role: Survey Manager.*



City of Port St. Lucie Interim Surveyor, City of Port St. Lucie, Florida (2022- Ongoing)

Project manager assigned to provide consultant services to City. Surveying provided under this contract included interim City Surveyor duties to include plat reviews, legal descriptions. *Specific Role: Survey Manager.*

McCarty Ranch – Topographic Survey, City of Port St. Lucie, Florida (2015-2016)

Provided topographic, planimetric, and utility surveys, office computations, 3D mapping and color orthorectified digital mosaic aerial photography for use in developing a planimetric and topographic map of the McCarty Ranch site. The McCarty Ranch is 3,100 acres of largely old Florida pinelands. *Specific Role: Survey Manager.*

Woodland Trails Park, City of Port St. Lucie, Florida (2017-2018)

Provided the delivery of the Woodlands Trails Park. The woodlands trails park is located on a City owned parcel located in southwestern Port St. Lucie, just north of SW Becker Road. This site was identified by the City as a priority improvement site intended to provide recreation facilities for the rapidly growing southwestern areas of the community. From the development of the initial concept plans, through full-site permitting and construction, all project tasks/works were completed within the contracted ten-month time period. *Specific Role: Survey Manager.*

PSL Riverwalk Boardwalk Extension, City of Port St. Lucie, Florida (2008)

Provided survey, site planning, construction design and permitting services associated with an approximate 4,300-foot extension to the existing Riverwalk pedestrian walkway located along the east banks of the North Fork of the St. Lucie River, from just north of Port St. Lucie Blvd to the City's Westmoreland Park/Botanical Gardens community site. This addition/extension to the existing ten-foot-wide boardwalk includes new observation decks, floating docks, kayak and canoe launch areas and a direct pedestrian connection to the adjoining commercial use areas located on the side of Port St. Lucie Boulevard. *Specific Role: Survey Manager.*

Tulip Blvd Sidewalk (LAP Project), City of Port St. Lucie, Florida (2006-2007)

Provided survey, design, and permitting services associated with the SW Tulip Boulevard sidewalk project, from SW College Park Road to SW Cherry Hill Road. The specific project services provided included the design and permitting of approximately 8,500 feet, of a five-foot wide concrete sidewalk, to be located along the south side of Tulip Boulevard. This was an LAP project, with funding provided by the Florida Department of Transportation and managed by the City of Port St. Lucie. *Specific Role: Survey Manager.*

E-3C & E4 Equalization Pipe Design Blvd. Reconstruction, City of Port St. Lucie, Florida (2017-2018)

Provided survey services to the City of Port St. Lucie for the installation of a new stormwater equalizer pipe that provided an interconnect between the E-3C and E-4 Canals, in the vicinity of the intersection of California and Savona Boulevards. The project consisted of approximately 1,300 linear feet of new reinforced concrete pipe that connected the E-3C Canal to the E-4 Canal. The function of this drainage pipe was to allow it to serve as an equalizer pipe between the two drainage canals and intercept surface drainage from the immediate area of California and Savona Boulevards. *Specific Role: Survey Manager.*

Crosstown Pkwy - I-95 to SE Manth Lane, City of Port St. Lucie, Florida (2005-2006)

Provided survey, design permitting and CEI for the Crosstown Parkway controlled access, arterial roadway connection between the east side (US1 Corridor) area of the Port St. Lucie and the Western Annexation Areas (AKA Tradition and Verano areas) of the City, west of I-95. Segment 2 (Manth to Bayshore) and Segment 4 (Cashmere to I-95) involved the construction of 6.2 miles of a six-lane arterial roadway with landscaping, decorative lighting and multi-use pathways the length of the project corridor. *Specific Role: Survey Manager.*



Stefan K. Matthes, PE

Project Manager
Fort Pierce, Florida

EXPERIENCE:

41 Years

EDUCATION/LICENCES:

BS – Civil Engineering, North Carolina State University (1981)
Florida Professional Engineer, License No. 38723



TRAINING/CERTIFICATIONS:

- LAP Training
- EEO
- DBE & Payroll
- FDOT Adv. Work Zone Traffic Control Certified
- DPFA Certified (Design Pedestrian Facilities for Accessibility) 2015
- FDOT ADA Roadway Design Course
- 2103 (Roundabout Design)
- Institute of Transportation Engineer
- Florida Engineering Society Treasure Coast Chapter
- American Society of Civil Engineers

KEY PROJECTS:

Floresta Drive Phase 1 CEI, Port St Lucie, Florida (2020-2022)

Project involved construction management and supervision for Floresta Drive Phase 1 improvements from Southbend Blvd to the Elkcam Waterway, in Port St. Lucie. Project works included dedicated bicycle lanes, multiple ponds to provide roadway drainage, flood protection and aesthetic value, sidewalks, street trees and landscaping, pedestrian and FPL street lighting, landscaped roundabouts utilities, landscaping and irrigation. Project activities included close coordination with St. Lucie County and FDOT to maintain operational flows through Port St. Lucie Boulevard intersection during construction. *Specific Role: Project Manager.*

Floresta Drive Phase 2 CEI, Port St. Lucie, Florida (2022-Ongoing)

Project involved construction management and supervision for Floresta Drive Phase 2, including the reconstruction of both a two-lane section with landscaped median and a two-lane section with a bi-directional turn lane, as well as replacement of the existing bridge. Both sections included sidewalks, bike lanes, curb and gutter, landscape, irrigation, water main adjustments, mast arms, signalization, fiber optics, and pedestrian lighting. *Specific Role: Project Manager.*

SW Anthony F. Sansone Blvd Phase 3, Port St. Lucie, Florida (2022-2023)

C&T provided survey, platting, design, permitting and construction bidding for the expansion of Anthony F. Sansone Sr. Blvd from Paar Drive north to Marshall Parkway. Plans included a 6,200 linear foot long rural industrial roadway section that provided all required infrastructure to the City's Legacy Park Jobs Corridor. Infrastructure included the design of a three-lane industrial roadway section with swale drainage and sidewalks, master drainage system, master utility system (potable water, sanitary sewer, lift station and force main transmission systems), landscape and irrigation plans. The project was permitted and bid ready within a 6-month timeframe to meet the City's DEO \$3.5 Million grant requirements. *Specific Role: Project Manager.* Construction costs: \$10.3M.

**Becker Road East Phase 1 and 2, Port St. Lucie, Florida (2018-2022)**

C&T provided design, permitting and CEI for the construction of improvements to Becker Road from Via Tesoro Blvd to Gilson Road. Design included 3,300 linear feet of 4 lane urban roadway; three (3) major roundabouts; 15,000 linear feet of pedestrian and multiuse pathways; 6,600 linear feet of 12" force main; pedestrian lighting; landscape and irrigation. *Specific Role: Project Manager.* Construction costs: \$7.6M.

Riverwalk and Westmoreland Park, Port St. Lucie, Florida (2016-Ongoing)

Lead a team of professionals which developed the City's benchmark waterfront park project along the North Fork of the St. Lucie River. The park improvements include 2,000 LF of 10' wide boardwalk that connects all of the City's waterfront facilities, over water stage, 20 slip boat docking, Kayak and canoe launch, an interactive playground, pad ready waterfront restaurant village, historical village, conservation trail system and associated parking. The design included all of the required infrastructure to meet the needs of the park which included the development of the park masterplan, parking and drainage, potable water and sanitary sewer, interconnecting sidewalk system, site lighting, street scaping, landscaping and irrigation for the entire 20-acre site. The design improvements were phased to accommodate the City's annual budget for the project. *Specific Role: Project Manager.* Construction costs: \$20M.

Becker Road West Phase 2, Port St. Lucie, Florida (2022- 2023)

C&T provided survey, platting, design, permitting and construction inspection for the extension of Becker Road from its current terminus east of Village Parkway to Community Blvd. the 6,150 linear foot long urban arterial provides an integral link of the connection from I-95 to Range Line Road. The infrastructure included the design of a four-lane urban arterial roadway with initial 2 lane construction including curb and gutter drainage, sidewalks, potable water and sanitary sewer transmission, landscape, irrigation and FP&L street lighting. Project permitting included the SFWMD, Southern Grove CDD, PSLUSD and City of PSL Engineering Department. The project was bid ready within a 6-month timeframe to meet the Developer's and City's development agreements. *Specific Role: Project Manager.* Construction costs: \$6.1M.

Torino Parkway & Cashmere Blvd Roundabout, Port St. Lucie, Florida (2019-2022)

C&T provided survey, design, permitting and construction bidding for the modifications to the Torino Parkway & Cashmere Boulevard intersection by implementing a new roundabout to replace the existing side street stop condition. The final design resulted in a new 2 lane roundabout to replace the existing Tee intersection. The design provided for the new roundabout to be placed within existing City R/W and included roundabout paving and drainage, sidewalks, landscaping, irrigation, residential buffers and utility adjustment. The project was bid ready within a 6-month timeframe to meet the City's Gas Tax Referendum obligations. *Specific Role: Project Manager.* Construction costs: \$1.4M.

Fisherman's Wharf / Avenue H, City of Ft. Pierce, Florida (2017-2018)

Culpepper & Terpening, Inc. provided survey, design and permitting and CEI services to the City of Ft. Pierce for the reconstruction of Fisherman's Wharf/Avenue H from North Indian River Drive to the eastern termini of the road at the Indian River Lagoon, in the Port of Ft. Pierce. The project resulted in the reconstruction of the existing roadway into a downtown urban corridor which was consistent with the Ft. Pierce streetscape and provided a buffer between the commercial development and industrial maritime section of the Port area. *Specific Role: Project Manager.*



David P. Andre, PE

AACE, Project Manager
Port St. Lucie, Florida

EXPERIENCE:

30 Years

EDUCATION/LICENCES:

BS – Environmental Engineering, University of Florida (2010)
Post Graduate Geotechnical Engineering Courses, University of Central Florida, 1997
Professional Engineer, State of Florida Registration No. 53969



TRAINING/CERTIFICATIONS:

- Health and Safety Training for Hazardous Waste Activities, 40-Hour OSHA Certified Training Course
- 3-Day Hydrogeology Conference: Field Techniques to Florida's Groundwater Investigations; University of Florida's TREEO Center (1995)
- Member - Florida Engineering Society (1995 to Present)
- Treasure Coast Chapter Young Engineer of the Year (2002)
- Treasure Coast Chapter Engineer of the Year (2006)
- Chapter Secretary (2002)
- Chapter Vice President (2003-2004)
- Chapter President (2005)
- Chapter State Director (2008-2011)
- Chapter Engineering Leadership Committee Chair (2008 to 2010)
- Member - National Society of Professional Engineers (1995 to Present)
- American Society of Civil Engineers (1995 to Present)
- Member - Florida Institute of Consulting Engineers - FICE - (1998 to Present) Membership Services Committee Member (2003 to 2005)
- Professional Practices Committee Chairman (2005 to 2008)
- FICE/FES Inaugural LEADERSHIP Class (2003-2004)

KEY PROJECTS:

City of Port St. Lucie Master Contract for Geotechnical Engineering and Construction Materials Testing

David has managed hundreds City of Port St. Lucie projects for the last 24 years, including being the Project Manager for AACE's continuing service contract with the City (most recently re-awarded in 2023). As such, he routinely provides geotechnical engineering consulting services to numerous departments with the City, including Engineering, Utility Services and Public Works. City projects that David has provided geo-testing services include:

- Crosstown Parkway
- Village Parkway
- Community Boulevard
- Becker Road and Westmoreland Blvd. Improvements
- Bayshore Boulevard
- Wide Watermain Replacement
- McCarty Ranch Areas 1, 2, 3, 4 & 5
- Floresta Boulevard, Phases 1 & 2
- Darwin Blvd. & PSL Blvd. Intersection
- Hegener Drive
- Anthony Sansone Boulevard



Martin County Continuing Service Contract for Geotechnical Engineering and Materials Testing

David is AACE's Contract Manager for this ongoing contract with Martin County first awarded in 2012. As such, he routinely provides geotechnical engineering consulting services to numerous departments with the County, including Engineering, General Services and Public Works. Projects that David has managed for the County include the design and construction of STAs, roadways, governmental buildings and utility installations. *Specific Role: Project Manager.*

Okeechobee County Continuing Service Contract for Geotechnical Engineering and Materials Testing

David is AACE's Contract Manager for this ongoing contract with Okeechobee County first awarded in 2008. He routinely provides geotechnical engineering consulting services to numerous departments with the County, including Engineering, Capital Improvement and Road & Bridge. Projects that David has managed for the County include the design and construction of STAs, roadways, parks, boat ramps, governmental buildings and utility installations. *Specific Role: Project Manager.*

Indian River County Continuing Service Contract for Geotechnical Engineering and Materials Testing

David is AACE's Contract Manager for this ongoing contract with Indian River County awarded in 2014. As such, he routinely provides geotechnical engineering consulting services to numerous departments with the County, including Engineering and Public Works. Projects have included drainage retrofits and culverts, STAs, intersection improvements and minor bridges. *Specific Role: Project Manager.*

St. Lucie County Continuing Service Contract for Geotechnical Engineering and Materials Testing

David is AACE's Contract Manager for this ongoing contract with St. Lucie County awarded in 2016. David has provided Geotechnical Engineering and testing services to St. Lucie County on numerous projects throughout his 23-year career on the Treasure Coast, including roadways, culvert replacement projects, drainage design projects, bridges, STAs and governmental buildings. *Specific Role: Project Manager.*

Selvitz and Glades Cut-Off Roads Intersection Improvements, St. Lucie County, Florida

AACE performed a subsurface soil exploration and geotechnical engineering analyses for this intersection improvement project in Fort Pierce, St. Lucie County. AACE performed SPT borings and provided Geotechnical Engineering recommendations relative to the installation of mast-arm signal foundations (drilled shafts), performed roadway coring to report existing pavement components and thicknesses, and conducted roadway auger borings to explore for the presence of deleterious soils in proposed shoulders and turn lanes. *Specific Role: Project Manager.*

Community Boulevard Lake Explorations (Borrow/Fill Study), St. Lucie County

David was the geotechnical Project Manager for subsurface explorations relative to the excavation of several lakes (ranging in size from 1 acre to 8 acres) along the proposed Community Boulevard alignment in Port St. Lucie. He coordinated the performance of 20+ SPT borings within the planned lakes to explore the suitability of the soil for use as roadway embankment. He also coordinated a comprehensive laboratory testing program of borrow soils, including LBRs, Atterberg Limits, percent-fines, Proctor testing, etc. *Specific Role: Project Manager.*

S.R. 76 (Kanner Highway) and Interstate 94 Interchange, Martin County (2015-2017) - FIN 429786-1-58-01

David was AACE's project manager (QC) during construction materials testing associated with interchange improvements at SR76 (Kanner Highway) and Interstate 95 from 2015 and through 2017. Services that AACE provided included density testing for roadway widening and drainage installations, sheet pile installation monitoring, paving and drilled shaft inspections, vibration monitoring and concrete testing. *Specific Role: Project Manager.*



Peter G. Andersen, PE

AACE, Project Manager
Port St. Lucie, Florida

EXPERIENCE:

28 Years

EDUCATION/LICENCES:

MS – Geotechnical Engineering, University of Florida (1997)
BS – Civil/Structural Engineering, Technical University of Denmark (1995)
Professional Engineer, State of Florida Registration No. 57956



TRAINING/CERTIFICATIONS:

- Florida Engineering Society
- Danish Engineering Society
- National Society of Professional Engineers
- Florida Institute of Consulting Engineers
- Geotechnical and Materials Engineering Council, Past Chair 2007-2008

KEY PROJECTS:

From 2002 through 2006, Peter served as Senior Project Engineer and Assistant Branch Manager where in addition to the above listed responsibilities, he was in charge of planning and supervision of field and laboratory geotechnical exploration programs for both public and private sector clients. Currently, Peter serves as the Vice President and Principal Geotechnical Engineer for Andersen Andre Consulting Engineers, Inc. Aside from traditional geotechnical projects, Peter has worked on several industrial projects, power-generating facilities, state mandated land condemnation projects on properties bordering the Everglades Stormwater Treatment Areas (STA's), performed quarry (ore) assessment studies, wetland mitigation projects, environmental assessments, and worked on forensic structural investigations using destructive and non-destructive testing techniques. Additionally, Peter has performed structural inspections of reinforcing steel and prestressed structural members (single/double keyway decks, piles, etc.). Below are summaries of a few representative projects.

Floresta Drive, Phases 2 & 3, from the Elkam Waterway to Prima Vista Drive, Port St. Lucie, Florida

Peter served as AACE's Chief Geotechnical Engineer during preparation of Roadway Soil Surveys and Structures (Bridge) reports in 2020 through 2022. Peter coordinated the performance of more than 150 soil borings and provided recommendations relative to the design of roadway widening, street lighting, mastarm signal drilled shaft foundations, bridge support and stormwater lake excavation. *Specific Role: Project Manager.*

Hegener Drive, Phases 1, 2 & 3, Tradition, Port St. Lucie, Florida

Peter served as AACE's Chief Geotechnical Engineer during preparation of Roadway Soil Survey reports for Phase 1 (2020), Phase 2 (2021) and Phase 3 (2022) of Hegener Drive. Peter coordinated the performance of more than 100 soil borings and provided recommendations relative to the design of roadway widening, street lighting, mastarm signal drilled shaft foundations, stormwater lake excavation and the proper management of existing plastic (clayey) soils during construction. *Specific Role: Project Manager.*

**Village Parkway, from Becker Road to Tradition Parkway, St. Lucie County, Florida**

AACE was retained by the City of Port St. Lucie to perform subsurface explorations and inspection/materials testing services during the construction of this proposed 6-lane, 4-mile roadway and associated utility improvements. Peter coordinated the performance of over 100 hand auger borings for the proposed roadways, and numerous SPT borings for proposed mast arm signal poles and retention ponds. Due to the presence of shallow and variable, compressible clay soils combined with the significant quantity of embankment needed to raise the roadway to grade, settlement calculations revealed the potential for significant roadway settlements. Therefore, Peter designed and implemented a surcharge program for the project that was designed to address selected portions of the corridor. During the project, Peter coordinated significant laboratory testing of soil samples (Atterberg Limits, sieve analysis, hydrometer testing, etc.) to ensure the most practical and economical solution to potential settlements. *Specific Role: Project Manager.*

Rosser Boulevard, from Aledo Lane to Gatlin Boulevard, St. Lucie County, Florida

Peter was the Project Manager for the roadway soil survey performed for this 0.5+mile roadway in Port St. Lucie. Peter's coordinated the performance of numerous auger borings as well as SPT borings relative to the design of mast arm signal pole foundations and retention areas. Additionally, due to the reported presence of buried debris beneath the existing roadway, Peter coordinated a roadway coring program to explore for deleterious materials that may have been buried during original roadway construction. Peter coordinated laboratory testing of the roadway soils, including LBRs for pavement design, sieve analyses, organic content testing and Atterberg Limits testing of clayey soils. *Specific Role: Project Manager.*

Tradition Medical Center (9-Story Hospital), Port St. Lucie, Florida

Peter is AACE's Project Manger for the Geotechnical Engineering evaluation of this proposed hospital site in Port St. Lucie. Peter coordinated the performance of numerous SPT borings to evaluate the suitability of the site's soils to support the 9-story hospital structure, 4-story parking garage and numerous ancillary site features. Due to the presence of very loose silty soils and the associated risk of excessive settlements, a recommendation of Vibro Replacement Technique (VRT, or "stone columns") was made. Peter assisted the Owner in interviewing VRT contractors and is currently monitoring the VRT for adherence to the project's specifications and the relative effectiveness of the treatment. *Specific Role: Project Manager.*

Eastern Watershed Improvement Project (EWIP), Port St. Lucie, Florida

Peter was AACE's Project Manager relative to this project intended to relieve flooding in eastern Port St. Lucie. He coordinated subsurface soil explorations within 17 areas in eastern PSL and explored soil and groundwater conditions at each location. He also performed test pits relative to buried debris, coordinated clearing for drill rig access, installed piezometers to determine localized hydraulic gradients and sampled soil for the presence of heavy metals and other contaminants. Once AACE field explorations were performed, Peter prepared a comprehensive geotechnical engineering evaluation of soils and groundwater conditions for use by the City and their drainage consultant. *Specific Role: Project Manager.*

Rangeline Water Main Installation (Utility Services Dept.)

Peter was the Project Manager for Geotechnical Engineering services during the City's in-house design of the 26,000 lf. water main project, from the Tradition Re-Use Plant to the Martin County Corrections Facility. As such, Peter had over 50 soil borings performed to explore water levels and the relative suitability of the soils for use as pipe bedding and trench backfill. He also performed SPT borings at the C-23 Canal to explore the depth of cap-rock as it relates to the directional drilling installation of the water main. Lastly, he coordinated a laboratory testing program of the soils relative to their corrosion potential for the pipe. *Specific Role: Project Manager.*



Mark Zrallack, PE

Ardaman & Associates, Project Engineer
Port St. Lucie and West Palm Beach, Florida

EXPERIENCE:

13 Years

EDUCATION/LICENCES:

B.S. Civil Engineering, University of Central Florida (2011)
Professional Engineer, Florida, No. 86546 (2019)



TRAINING/CERTIFICATIONS:

Mr. Zrallack has 13 years of civil engineering experience, including 10 years at Ardaman, where he manages the Port St. Lucie and West Palm Beach Branch Offices. He oversees the Geotechnical, Construction Materials Testing, and Environmental departments and has previously supervised Construction Services. His work includes managing testing and inspection for projects in Palm Beach County and the Treasure Coast, covering roadways, commercial developments, and stormwater systems. Additionally, he provides oversight for municipalities under continuing service contracts, focusing on utility engineering and infrastructure projects. Ardaman's services encompass subsurface exploration, geotechnical analyses, and materials testing for various projects across multiple counties and municipalities.

KEY PROJECTS:

Geotechnical Engineering and Material Testing Services, Palm Beach, Martin, and Broward County, Florida

Mr. Zrallack provides coordination for construction projects between the client, contractor, and field representatives. He is the quality control manager for the construction material testing department and is the engineer in charge of lab testing practices. He assists with roadway asphalt evaluations and provides recommendations for resurfacing. He is responsible for the accreditation and compliance of the lab with the Construction Materials Engineering Council (CMEC) program. He conducts Property Condition Assessments involving an extensive inspection of the structural, electrical, plumbing, HVAC, fire safety systems, and ADA compliance associated with the buildings. *Specific Role: Project Manager.*

Forest Hill Boulevard, Wellington, Florida

Mr. Zrallack served as a Project Geotechnical Engineer for the repaving efforts along a portion of Forest Hill Boulevard in Wellington, Florida. Ardaman performed initial coring work and soil boring in addition to providing recommendations for pavement rehabilitation work. During the construction phase, we provided full time quality control services including lab testing, field density tests and asphalt extraction and gradation testing. *Specific Role: Project Manager.*

FITTEAM Ballpark of the Palm Beaches, Haverhill Road, West Palm Beach, Florida

Ardaman conducted geotechnical and environmental analyses to provide recommendations that ultimately allowed constructing this ballpark facility on a former landfill site. Ardaman monitored various soil and groundwater contaminants before and during construction and worked closely with FDEP. The landfill debris was sieved from the site soils under the supervision of Ardaman to minimize costs associated with disposal and site filling. Ardaman also provided geotechnical and environmental consulting and construction materials testing and inspection services during construction. *Specific Role: Project Manager.*



Sharmila Pant, PE

Ardaman & Associates, Project Engineer
 Port St. Lucie, Florida

EXPERIENCE:

8 Years

EDUCATION/LICENCES:

M.S. Civil Engineering, Florida Atlantic University (2016)
 B.S. Civil Engineering, Tribhuvan University, Kathmandu, Nepal,
 (2012)



TRAINING/CERTIFICATIONS:

Ms. Pant has been a Staff Engineer in Ardaman’s Port St. Lucie office for the past eight years, holding a master’s degree in civil engineering from Florida Atlantic University, where she researched the application of geogrids in landfills and evaluated concrete in drilled shaft foundations. She supports senior engineers by providing geotechnical engineering, materials testing, and environmental assessments, with responsibilities including field and laboratory support, data gathering, analysis, and reporting. Additionally, as an Assistant Project Engineer, she works on various geotechnical and construction material testing projects for municipalities under continuing contracts, focusing on utility engineering, stormwater management, roadway, and infrastructure projects. Ardaman’s services include subsurface exploration, geotechnical analyses, and construction materials testing of soils, concrete, asphalt, and masonry units, with projects spanning St. Lucie County, Martin County, Indian River County, and the City of Port St. Lucie.

KEY PROJECTS:

Prima Vista Pavement Evaluation, St. Lucie County, Florida

Provided the pavement exploration of Prima Vista Boulevard, which includes a total of 25 pavement cores to evaluate the existing pavement condition and to provide pavement data between Airoso Boulevard and US-1 Highway. *Specific Role: Project Manager.*

Pavement Evaluations for Various Roadways, St. Lucie County, Florida

Provided pavement evaluations of various roadways in St. Lucie County, including Gordy Road, Header Canal Road, Midway Road, Orange Avenue, Easy Street, and several others. For each roadway a series of pavement cores were taken to evaluate the existing pavement condition. *Specific Role: Project Manager.*

Various Culvert Replacement Projects, St. Lucie County, Florida

Provided soil borings and sampling for geotechnical evaluations and performed testing services during the construction phase. Notable projects included Midway Road, South Header Canal Road, Sneed Road, Orange Avenue, Shinn Road, and Lakewood Park. *Specific Role: Project Manager.*

Midway Road Widening, St. Lucie County, Florida

Provided the subsurface exploration for the Midway Road widening project, which includes SPTs, Auger Borings, and pavement cores to evaluate the existing soil and pavement condition and to provide recommendations for the proposed the signal poles and roadway improvements. *Specific Role: Project Manager.*



Robert L. Weigt

Hobe Sound Environmental Consultants, Inc., Project Manager
Hobe Sound, Florida

EXPERIENCE:

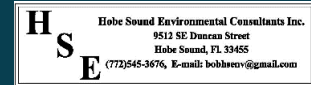
48 Years

EDUCATION/LICENCES:

MS – Biology/Marine Biology, Florida Institute of Technology Melbourne (1976)

BS – Zoology/Biology, Western Illinois University, Macomb (1974)

Florida Certified Environmental Assessor, License #CFEA 118 Registered Environmental Property Assessor, License #REPA 5572



TRAINING/CERTIFICATIONS:

- Authorized Gopher Tortoise Agent #09-00153F
- National Association of Environmental Professionals
- Florida Association of Environmental Professionals
- Professional Association of Diving Instructors, License #641

KEY PROJECTS:

City of Port St Lucie's McCarty Ranch Extension, Water Quality Restoration Project (2016-ongoing)

Performed a wetland delineation of the 1943-acre project site and produced three reports for same including maps, aerial photographs and photographs of all wetlands on-site. Also coordinated with and applied to State (SFWMD) and Federal (USACE) agencies for an ERP. Coordinated with USFWS for the Eastern Indigo Snake and wood stork and wrote an Eastern Indigo Snake Protection Plan and a Wood Stork Foraging Analysis. Also performed a Caracara Survey from January- April 2019. *Specific Role: Principal in Charge.*

City of Port St. Lucie's Eastern Watershed Improvement Project (EWIP) (2009-2017)

Provided environmental consulting services for the following projects: Howard Creek, Howard Creek STA, Burr Street STA, Elks Cane Slough STA, Lennard Square STA, Lotus STA, Mary Terrace STA, Tiffany Canal, Leithgow STA, 1- mile County line ditch improvements and Patio Circle STA. Provided the following services: gopher tortoise surveys, permitting and relocations; vegetation mapping; SHPO coordination; EA reports; ERP permitting; mitigation design, planting plans and specifications; UMAM evaluations; established mitigation credits; coordination of permitting with SFWMD, ACOE, USFWS, FWC, EPA, and the City of Port St. Lucie; construction management and inspections; and wetland monitoring of the Elks Cane Slough and Lennard Square STAs. *Specific Role: Principal in Charge.*

Cypress Creek Weirs #1 and #2 and Rehydration Project (2021-ongoing)

HSE biologists assessed the areas within the locations of proposed weirs 1 & 2 for endangered and threatened species, did a 100% gopher tortoise survey as well as vegetation, soils and topographic mapping and wetland delineations on the sites and produced a Wetland and Wildlife Assessment (WWA) report detailing the results. Will also be doing a WWA for the rehydration parcel and the environmental portions of the ERP application, as well as a Wood Stork Foraging Habitat Assessment. *Specific Role: Principal in Charge.*



Freda R. Posin

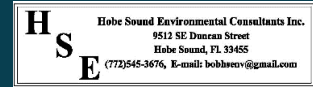
Hobe Sound Environmental Consultants, Inc., Project Manager
Hobe Sound, Florida

EXPERIENCE:

39 Years

EDUCATION/LICENCES:

MS – Botany and Ecology, Florida Atlantic University (1985)
BS – Botany/Ecology, Florida Atlantic University (1983)



TRAINING/CERTIFICATIONS:

- Gopher Tortoise Assistant
- Wetland Identification and Delineation

KEY PROJECTS:

Bell Avenue, City of Port St. Lucie Utilities Dept., CAPTEC Engineering, Inc. (2022-ongoing)

Performed a wetland delineation, 100% gopher tortoise survey, wildlife assessment and produced a Natural Resource Evaluation (NRE), including maps, aerial photographs and photographs of habitat types observed on the project site. Also completed a Type I Categorical Exclusion (CE) Checklist and a Type I CE Back-up Memo. *Specific Role: Project Manager.*

CPSL Wilderness Park, Cambridge and Port Preserve Trail, CAPTEC Engineering, Inc. (2021-ongoing)

This project entails two sites, one on the N. Fork St. Lucie River and one on Westmoreland. Blvd and Cambridge Dr. Performed site assessments and assessment of surrounding areas and produced a Phase I Environmental Site Assessment (ESA), two Wetland and Wildlife Assessment Reports (WWA), maps of exotic vegetation, an NRE for each site, a Type I CE checklist and a CE Memo. Also established the ordinary high water (OHW) lines for the lake on the park site. *Specific Role: Project Manager.*

City of Port St Lucie's McCarty Ranch Extension, Water Quality Restoration Project (2016-ongoing)

Performed a wetland delineation of the 1943-acre project site and produced three reports for same including maps, aerial photographs and photographs of all wetlands on-site. Also coordinated with and applied to State (SFWMD) and Federal (USACE) agencies for an ERP. Coordinated with USFWS for the Eastern Indigo Snake and wood stork and wrote an Eastern Indigo Snake Protection Plan and a Wood Stork Foraging Analysis. Also performed a Caracara Survey from January-April 2019. *Specific Role: Project Manager.*

City of Fort Pierce Little Jim Camp Sanitary Improvements, Culpepper & Terpening, Inc. (2022-ongoing)

Performed a submerged aquatic vegetation (SAV) survey (seagrass survey), prepared and submitted environmental resource permit applications to the Florida Department of Environmental Protection and the U. S Army Corps of Engineers. *Specific Role: Project Manager.*



Mitchel A. Walker

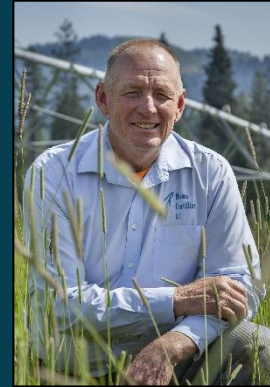
Masuen Consulting, Project Engineer
Newport, WA

EXPERIENCE:

37 Years

EDUCATION/LICENCES:

A.A. Criminology, Miami Dade Community College (1980)
B.S. Zoology, Humboldt State University (1987)
M.S. Construction Management, Florida International University
(2003)



TRAINING/CERTIFICATIONS:

- Certified Commercial/Residential/Golf Irrigation Designer (CID) – Irrigation Association # 017369
- Certified Landscape Water Auditor (CLIA) – Irrigation Association #017369
- Certified Golf Irrigation Auditor (CGIA) – Irrigation Association #017369
- Certified Irrigation Contractor (CIC) – Irrigation Association #017369
- Florida State Certified Irrigation Contractor #SCC131152141
- Idaho Public Works Contractor #059125-C-4
- Professional Member American Society of Irrigation Consultants (ASIC)
- Corporate Member of The Irrigation Association (IA)
- Environmental Protection Agency (EPA) Water Sense Partner

KEY PROJECTS:

President of Masuen Consulting LLC, 1995 to Present

A water management focused design, consulting, and management firm servicing the Golf Course, Landscape, and Agricultural Industries world-wide. *Specific Role: Project Manager.*

President of Walsuen Enterprises Inc., 1987 to 1995

A Landscape and Irrigation design/build/management/consulting company in Sacramento, CA. *Specific Role: Project Manager.*

RELEVANT PROJECT EXPERIENCE

- Reunion Resort and Club – Davenport, FL
- Lucido, Martin Health Cleveland Clinic, Stuart, FL
- White Oak Studio, Texas A&M University, College Station, Texas
- Howell and VanCurren, Tulsa Botanical Garden, Tulsa, Oklahoma
- Cinco Ranch Master One MUD, Reuse Conversion Project, Katy, Texas
- City of Port St. Lucie, Multiple roadway and city projects, Port St. Lucie, Florida
- Southwest Florida Water Management District, multiple agricultural irrigation projects, southwestern counties in Florida



Drew Layton

Masuen Consulting, Technical Consultant
Lake Worth, FL

EXPERIENCE:

15 Years

EDUCATION/LICENCES:

Centennial HS, Boise ID
Certified Landscape Irrigation Auditor ID#: 187729



TRAINING/CERTIFICATIONS:

- Baseline Advanced Training
- Baseline Radio Survey
- WeatherTRAK Level 3
- WeatherTRAK Optiflow
- HDPE Fusion, up to 4"
- Florida Friendly Landscaper ID# 20220139

KEY PROJECTS:

- 2022 to Present – Technical Consultant, Masuen Consulting LLC
- 2021 to 2022 – Central Control Manager, Prestonwood Landscape
- 2019 to 2021 – Principle, Sawtooth Water
- 2019 to 2019 – Irrigation Manager, Fine Landscape
- 2018 to 2019 – Product Specialist, Hydropoint Data Systems
- 2016 to 2018 – Inside Sales Manager, Baseline Systems
- 2013 to 2016 – Support Technician, Baseline Systems

RELEVANT PROJECT EXPERIENCE

- Esther Simplot Park, Boise ID
- Boise State University, Boise ID
- Corinth Downs HOA, Overland Park KS
- Apple Park, Cupertino CA
- ExxonMobile Headquarters, Woodlands TX
- Kings Point POA, Sun City FL
- City of Lethbridge, Lethbridge AB

AREAS OF EXPERTISE

- Irrigation Maintenance
- Smart Controller Upgrade and Management
- Product Specification, Training, and Support
- Two Wire Installation and Troubleshooting
- Flow Management
- TCP/IP Networking



Robert J. Coteleur, ASLA, PLA

Coteleur & Hearing, Senior Landscape Architect
Fort Pierce, Florida

EXPERIENCE:

40 Years

EDUCATION/LICENCES:

BS – Landscape Architecture, Ohio State University (1984)
Cum Laude Honor Graduate, ASLA Academic Award of Excellence
State of Florida Registered Landscape Architect # LA0001067 (1985)



TRAINING/CERTIFICATIONS:

- Sigma Lambda Alpha, National Honor Society
- Member American Society of Landscape Architects
- Volunteers on the FDOT/FNGLA Liaison Group

KEY PROJECTS:

I-75 (Alligator Alley) Environmental Education Project, FDOT District 4 (FM# 437934-2)

This project is in the heart of the Everglades at the MP 29 rest area on I-75 (Alligator Alley). Site features include a wetland exhibit proposed in what is currently a parking lot, along with an arboretum, boardwalks, observation tower, plazas, passive park, educational and plant ID signage and an oversized alligator sculpture. Coteleur & Hearing designed the landscape features related to the \$12M roadway project as well as the plants and irrigation installed in conjunction with the \$1M stand-alone landscape project to follow. Construction began in the summer of 2021. *Specific Role: Senior Landscape Architect. Reference: Bann Williams, 954-777-4219*

I-75 / I-595 Gateway Interchange, FDOT District 4 (FM# 437846-1)

Designed the \$4M landscape, irrigation and hardscape improvements for this interchange, one of the largest in District 4. The design was inspired by the District's Branding theme that emulated the adjacent Everglades and is coined 'Urban Swamp Forest'. The project includes over 4,600 trees and includes curvilinear landscape terrace walls at various heights and a temporary irrigation system. Construction was completed in the summer of 2019 and the project won an award from the National Association of Landscape Professionals. *Specific Role: Senior Landscape Architect. Reference: Vanita Saini, 954-777-4468 / Bann Williams, 954-777-4219*

I-95 / I-706 Gateway Interchange, FDOT District 4 (FM# 433909-1)

Designed the landscape, irrigation, and landscape terrace walls for this \$2.4M interchange in Jupiter. The design solution creates a bold gateway into tropical south Florida, Palm Beach County, and the Town of Jupiter, and includes a diverse palette of palms and flowering trees to compliment many acres of existing native vegetation. Coteleur & Hearing also prepared Selective Clearing & Grubbing plans that required the removal of invasive exotic vegetation and trimming of native vegetation to provide views into existing retention ponds. *Specific Role: Senior Landscape Architect.*



I-95 / I-595 Gateway Interchange, FDOT District 4 (FM# 433891-1)

Cotleur & Hearing designed the landscape, irrigation, retention ponds, and hardscape for this \$6M signature landscape project which won design awards from FICE and ASLA. Cotleur & Hearing also provided post-design services during construction including hand-selecting all plant materials and providing inspection services throughout the three-year warranty period. The project was implemented on an extremely accelerated schedule with the design completed in two months and construction completed in 140 days. This was also the first FDOT project to utilize landscape terrace walls, (designed by Mr. Cotleur) that are now being repeated throughout the state. *Specific Role: Senior Landscape Architect. Reference: Jim Hughes, 954-777-4419*

SR-7 Stand Alone Landscape Project, FDOT District 4 (FM# 227775-3/227774-3)

This \$2.2M, 3.5-mile project in Broward County was completed in early 2021. The design features include linear parks designed around the retention ponds and decorative pavement design for the plazas and sidewalks and concrete maintenance strips in the medians. Design services also included planting design, the design of five separate irrigation systems, and construction administration services. Extensive coordination with the maintaining authorities was required as the project included maintenance agreements with the Cities of Hollywood, West Park, and Miramar. *Specific Role: Senior Landscape Architect.*

SR-7 Collaborative Landscape Project, FDOT District 4 (FM# 414161-1)

Funded by a \$1M grant from the FDOT, the project limits included the entire SR 7 Corridor in Broward County. Cotleur & Hearing designed the landscape, irrigation, and hardscape and performed post-design inspection services as well as extensive agency coordination and public involvement services. Landscape enhancements were concentrated within the municipalities of Plantation, Lauderhill, Fort Lauderdale, North Lauderdale, Tamarac, and Margate. *Specific Role: Senior Landscape Architect.*

Reconstruction Projects for FDOT District 4

Services provided included landscape design, irrigation/hardscape design, and post-design services.

- | | |
|--|--|
| I-95 HOV WPB to Riviera Bch FM #231920-1/2 | US-1 Hollywood (TDLC Design Criteria) FM #228034-1 |
| I-95 HOV Jupiter FM #406870-2 | SR-818 Griffin Rd. FM #227882-1 / 227462-1 |
| CR-714 Martin Hwy FM# 230978-2 | SR-732 Jensen Beach Causeway FM #228758- 1 |
| SR-858 Hallandale FM #228159-1 | SR-60 FM #228627-1 & 228628-1 |

Tree Disposition, Tree Relocation and Selective Clearing & Grubbing (SC&G) projects for FDOT District 4

- | | |
|---|---|
| I-95/SR-706 SC&G Project Jupiter (FM# 433909-2) | NE 5 th Ave Boca (FM# 4384021-1) |
| I-95/SR-706 Safety Project Jupiter (FM# 434273-3) | Swinton Ave Delray (FM#436389-1) |
| SR-15 Pahokee (FM# 443994-1) | Rock Island Road Coral Springs (FM# 436541-1) |
| I-95 /St Lucie West (FM# 435337-1) | University Drive Coral Springs (FM# 431756-2) |

Design build projects, FDOT District 4

- | | |
|---|--|
| Indian St. Bridge, Martin County (FM #230978-1) | I-95 Widening St Lucie County (FM# 413046-1) |
| I-95 Widening, Indian River County (FM# 413048-1) | US-1 Indian River County (FM# 228583-2) |
| I-95 Weigh in Motion Station (FM# 231812-2) | I-95 Widening, Fellsmere (FM# 413049-1) |



Bobby Olsker

Cotleur & Hearing, Chief Designer
Jupiter, Florida

EXPERIENCE:

38 Years

EDUCATION/LICENCES:

BS – Business Administration, Management and Computer Science
Palm Beach Atlantic University (1988)
Florida Irrigation Contractors Competency License #U-19247



TRAINING/CERTIFICATIONS:

Mr. Olsker has over thirty years of experience in the irrigation industry, designing various systems - including mist, drip, and emitter—using multiple water sources. He has worked with Cotleur & Hearing since 2006, providing irrigation design and post-design inspection services, including for the Jensen Beach Causeway Project.

KEY PROJECTS:

FDOT District 4 Stand Alone Landscape Projects

SR-76 Gateway Median Project (FM# 442641-5)
SR-76 Cove Rd to Monterey Rd (FM# 446033-1)
I-75 (Alligator Alley) Rest Area (FM# 437934-3)
SR-713 Kings Hwy SR-70 to Picos Rd (FM# 230256-8)
SR-713 Kings Hwy Picos Rd to I-95 (FM# 438041-1)
SR-7 Hollywood/West Park/Miramar (FM #227774/5-3)
SR-7 Collaborative (Broward) (FM #414161-1)
SR-732 Jensen Beach Causeway (FM #228758-1)

FDOT District 4 (Temporary) Irrigation Projects

I-75/I-595 Interchange (FM #437846-1)
I-95/SR-706 Interchange (FM #433909-1)
I-95/SR-76 Interchange (FM #438040-1)
I-95/I-595 Interchange (FM #433891-1)

FDOT District 4 Irrigation Repair/Restoration Projects

NE 5th Ave Boca (FM# 4384021-1)
I-95/SR-806 Interchange (FM# 434722-1)
SR-817 University Drive Coral Springs (FM# 431756-2)
SR-822 Sheridan St Resurfacing (FM# 441629-1)
SR-713 Kings Hwy Widening (FM# 230256-6)

FDOT District 4 Roadway Component Projects

Port St Lucie Blvd Parr to Darwin (FM# 431752-5/6)
Miramar Park & Ride (FM# 435855-1)

I-75 (Alligator Alley) Rest Area (FM# 437934-2)
CR-714 Widening Martin County (FM #230978-2)
SR-5 Jupiter/Juno/Palm Beach Gardens (FM #422964-1)
SR-5 Hallandale (FM #228034-1)
SR-786 PGA Boulevard (FM #229898-1)
Lake Worth Round-About (FM #229796-1)
SR-811 Jupiter (FM #412600-1)
I-95 HOV West Palm Beach (FM #231920-2)
I-95 HOV Riviera Beach (FM #231920-1)
I-95 HOV Jupiter (FM #406870-2)
SR-5 Stuart (FM #228870-1)
SR-5 Pompano Beach (FM #227391-1)
SR-845 Power Line Road (FM #228110-1)
CR-818 Griffin Road (FM #227708-1)
SR-5 Riviera Beach (FM #229744-3)

FDOT District 4 Design Build Projects

CR-714 Indian Street Bridge (FM #230978-1)
SR-5 Indian River County (FM #228583-3)

Irrigation Installation Projects

Roger Dean Baseball Stadium
Six Palm Beach County Schools
Legacy Place Retail Commercial
Frenchman's Reserve Community



2B. Key Individuals Experience Within the Company or Outside the Company

NAMES OF KEY PERSONNEL	ROLE IN CONTRACT	YEARS OF EXPERIENCE	
		WITH CURRENT	TOTAL
PRIMARY PROJECT TEAM			
Marcelo Dimitriou, PE	CEI Project Manager	14	32
Steven Haines, PE, LEED AP	JMT, Project Engineer	11	18
James Ashburn	Lead Senior Inspector	1	20
Wesley Kraft, EI	JMT, Deputy Project Manager	10	10
Jamie T. Campbell	Senior Inspector	19	24
Felix Roman	JMT, Senior Inspector	5	18
Dakota Preis	Inspector	6	6
ADDITIONAL SUPPORT TEAM			
James P. "Butch" Terpening, PE	Principal, QA/QC	35	45
Frans Christensen	Senior Inspector	13	41
Thomas P. Kiernan, PSM	Project Manager - Survey	23	37
Stefan K. Matthes, PE	Project Manager	31	41
David P. Andre, PE	AACE, Project Manager	19	30



Peter G. Andersen, PE	AACE, Project Manager	19	28
Brian K. Smith	AACE, Laboratory Manager and Senior Engineering Technician	19	30
Ralph Lewis	AACE, Senior Field Technician	18	20
Mark Zrallack, PE	Ardaman & Associates, Project Engineer	10	13
Sharmila Pant, PE	Ardaman & Associates, Project Engineer	8	8
Robert L. Weigt	Hobe Sound Environmental, Project Manager	12	48
Freda R. Posin	Hobe Sound Environmental, Project Manager	12	39
Mitchel A. Walker	Masuen Consulting, Project Engineer	26	37
Drew Layton	Masuen Consulting, Technical Consultant	4	15
Todd Hustrulid, PE	Masuen Consulting, Design Engineer	10	25
Robert J. Cotleur, ASLA, PLA	Cotleur & Hearing, Senior Landscape Architect	33	40
Bobby Olsker	Cotleur & Hearing, Chief Designer	18	38
Steven Rivera	Cotleur & Hearing, Landscape Designer/ Landscape Planner	5	5
Aaron Wilbur, PLA	Cotleur & Hearing, Project Landscape Architect, Project Manager	9	15



2C. IDENTIFY ALL SUBCONTRACTORS

I. Name of the Subcontractor

JOHNSON, MIRMIRAN & THOMPSON, INC.
STRUCTURAL/BRIDGE SUBCONTRACTOR

II. Florida State License Number
(Department of Professional Regulation)

Engineering Business Registry License Number
#5917
Steven Haines, Professional engineer License in
Florida #PE71522

III. Copy of Corporate Charter Number

The document number of this corporation is
P05237.

I. Name of the Subcontractor

**ANDERSEN ANDRE CONSULTING ENGI-
NEERS, INC**
GEOTECHNICAL SUBCONTRACTOR

II. Florida State License Number
(Department of Professional Regulation)

Engineering Business Registry License Number
#26794
David P. Andre, Professional engineer License in
Florida #PE53969

III. Copy of Corporate Charter Number

The document number of this corporation is
P05000156896.

I. Name of the Subcontractor

HOBE SOUND ENVIRONMENTAL, INC.
ENVIRONMENTAL SUBCONTRACTOR

II. Florida State License Number
(Department of Professional Regulation)

Engineering Business Registry License Number
N/A
Robert L. Weigt, Florida Certified Environmental
Assessor, License #CFEA 118

III. Copy of Corporate Charter Number

The document number of this corporation is
P11000093733.

I. Name of the Subcontractor

**ARDAMAN & ASSOCIATES, INC. GEOTECH-
NICAL & TESTING SUBCONTRACTOR**

II. Florida State License Number
(Department of Professional Regulation)

Engineering Business Registry License Number
#5950
Mark Zrallack, Professional engineer License in
Florida #PE86546

III. Copy of Corporate Charter Number

The document number of this corporation is
140551



I. Name of the Subcontractor

MASUEN CONSULTING, LLC
IRRIGATION SUBCONTRACTOR

II. Florida State License Number
(Department of Professional Regulation)

Engineering Business Registry License Number
#5917

Mitchel A. Walker, Irrigation Contractor License
in Florida # SCC131152141

III. Copy of Corporate Charter Number

The document number of this limited liability
company is L04000000183.

I. Name of the Subcontractor

COTLEUR & HEARING
LANDSCAPE ARCHITECTURE, LLC
LANDSCAPE SUBCONTRACTOR

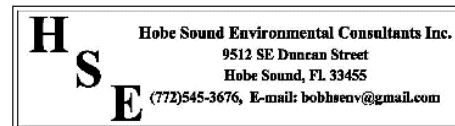
II. Florida State License Number
(Department of Professional Regulation)

Engineering Business Registry License Number
N/A

Robert J. Cotleur, Registered Landscape Archi-
tect License in Florida # LA0001067

III. Copy of Corporate Charter Number

The document number of this limited liability
company is L14000142342.





2D. SUBCONSULTANTS' EMPLOYEES QUALIFICATIONS

STEVEN HAINES, PE, LEED AP (STRUCTURAL/BRIDGE, JMT)

EDUCATION

MS / Civil Coastal Engineering, University of Florida
 BS / Mechanical Engineering, University of Florida
 BS / Aerospace Engineering, University of Florida

REGISTRATION

Professional Engineer:
 FL 71522, LEED AP
 (BD+C) 10232666



EXPERIENCE

Mr. Haines has over 18 years of Construction Engineering & Inspection (CEI) and personnel management and development experience. His experience includes CEI services on various FDOT roadway and municipal/LAP projects, including roadway reconstruction/resurfacing, bridge rehabilitation/ replacement, and utility coordination. In addition, Steven has extensive experience managing numerous concurrent projects as Senior Project Engineer, as well as various Continuing Services Contracts and projects with significant complexity and uniqueness, including bascule bridge pilot projects, shoreline stabilizations/resiliency, and water quality.



WESLEY KRAFT, EI (STRUCTURAL/BRIDGE, JMT)

EDUCATION

BS / Civil Engineering, University of South Florida
 AA / Indian River State College

REGISTRATION

Engineering Intern: FL
 100017836



EXPERIENCE

Mr. Kraft has over 10 years of experience working on Florida Department of Transportation projects in Districts 1, 4, and 5 providing CEI services. He has experience in many aspects of roadway construction, including earthwork, asphalt, drainage, CIP box culverts, drilled shafts, pile driving, overhead sign structures, MSE walls, and concrete Class I bridges. Mr. Kraft is experienced with the various department-utilized systems such as Citrix, Materials Acceptance System, Project Solve Sharepoint System, and others used to input, process, and store department and project-specific information.



FELIX ROMAN (STRUCTURAL/BRIDGE, JMT)

EDUCATION

Escuela Superior Antonio Luchetti High
 School

REGISTRATION

Asphalt Paving Levels 1 &
 2, Earthwork Construction
 Inspection Level 1 & 2



EXPERIENCE

Mr. Roman has more than 18 years of roadway construction experience with the FDOT, municipalities in the Treasure Coast area, private developments, and U.S. Army Corp of Engineers (USACE). Having an extensive geotechnical background, Mr. Roman specializes in construction materials testing and inspection, including the oversight and testing of earthwork, underground utility installations, placement of reinforced concrete, and flexible and rigid pavement construction. His experience also includes construction inspection, quality control (QC) testing and inspection, and verification testing (VT) and inspection. Mr. Roman has performed these services on large commercial and industrial projects, new residential developments (including complete infrastructure, stormwater management, and building construction), FDOT roadway projects, LAP projects and USACE earthen dike impoundment projects.





DAVID P. ANDRE, P.E. (GEOTECHNICAL, AACE)

EDUCATION

BS/ Environmental Engineering, University of Florida
Post Graduate Geotechnical Engineering Courses,
University of Central Florida

REGISTRATION

Professional Engineer: State of
Florida Registration No. 53969



EXPERIENCE

David P. Andre has more than 30 years of experience in the Geotechnical Engineering, Materials Testing and Environmental Consulting field. David gained extensive and varied experience during his employment with an international Geotechnical and Environmental Consulting firm (Ardaman & Associates, Inc.), where he was Branch Manager for operations in the St. Lucie County office from 2000 to 2006. In addition to managing a staff of 20 engineers, environmental scientists, field and laboratory technicians and administrative personnel, David was responsible for all regional environmental and geotechnical engineering projects as well as construction materials testing services, and oversaw all office operations, including proposal preparation, report review (signing and sealing), and the management of continuous service contracts. David then co-founded Andersen Andre Consulting Engineers, Inc. (AACE) in 2006 and currently serves as President and Principal Engineer.



PETER G. ANDERSEN, P.E. (GEOTECHNICAL, AACE)

EDUCATION

MS/ Geotechnical Engineering, University of Florida
BS/ Civil/Structural Engineering, Technical University
of Denmark

REGISTRATION

Professional Engineer: State of
Florida Registration No. 57956



EXPERIENCE

Peter G. Andersen has more than 28 years of experience in the Geotechnical Engineering and Materials Testing field, including more than 18 years with AACE. Peter worked at an international Geotechnical and Environmental Consulting firm from 1997 through 2006 (Ardaman & Associates, Inc.) where he served as Project Engineer for the development of recommendations for site preparation and foundation design for projects throughout South Florida and outside of the United States including numerous low- and high-rise structures, bridges, piers, buried structures, transmission towers, silos, roadways, drainage structures, off-shore mooring facilities, seawalls, retaining walls, anchoring systems, excavation bracings, underpinning measures, dams and levees. From 2002 through 2006, he served as Senior Project Engineer and Assistant Branch Manager where in addition to the above listed responsibilities, he was in charge of planning and supervision of field and laboratory geotechnical exploration programs for both public and private sector clients. Currently, Peter serves as the Vice President and Principal Geotechnical Engineer for Andersen Andre Consulting Engineers, Inc.





ROBERT L. WEIGT (ENVIRONMENTAL, HSE)

EDUCATION

MS – Biology/Marine Biology, Florida Institute of Technology Melbourne
BS – Zoology/Biology, Western Illinois University, Macomb

REGISTRATION

Florida Certified Environmental Assessor, License #CFEA 118 Registered Environmental Property Assessor, License #REPA 5572



EXPERIENCE

Robert L. Weigt is responsible for project execution comprehensive pre-permitting environmental site assessments and feasibility studies; site selection and pre-master planning analysis; endangered/threatened species surveys; seagrass surveys; environmental assessments (EA); and environmental impact statements (EIS). Also responsible for project execution of wetland delineation; wetland permitting; mitigation design; mitigation construction management; mitigation monitoring; 404(b)(1) compliance; environmental permitting and compliance monitoring for applications with Federal, State, regional, and local environmental agencies. Responsible for aspects of project management graphic design, and technical writing.

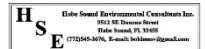
FREDA R. POSIN (ENVIRONMENTAL, HSE)

EDUCATION

MS/ Botany and Ecology, Florida Atlantic University
BS/ Botany/Ecology, Florida Atlantic University

REGISTRATION

Gopher Tortoise Assistant
Wetland Identification and Delineation



EXPERIENCE

Freda R. Posin has 39 years of experience in environmental science and project management. She has served as a Senior Environmental Scientist and Project Manager at Hobe Sound Environmental Consultants, specializing in environmental resource permitting and compliance. Her expertise extends to all phases of environmental assessments and wetland restoration at C&N Environmental Consultants. As a Biologist at Land Design South, she conducted site assessments and endangered species surveys. Freda also directed restoration efforts at The Nature Conservancy's Blowing Rocks Preserve, focusing on public education and volunteer programs. Additionally, she has contributed to the propagation of native Florida wildflowers as President of Florida Wildflowers, Inc.



MARK ZRALLACK P.E. (GEOTECHNICAL & TESTING, ARDAMAN)

EDUCATION

BS/ Civil Engineering, University of Central Florida

REGISTRATION

Professional Engineer, State of Florida, No. 86546

EXPERIENCE

Mr. Zrallack has 13 years of experience as a civil engineer, 10 years with Ardaman, and assumed management of the Port St. Lucie and West Palm Beach Branch Offices. In this capacity, he manages the day-to-day operations of the Geotechnical, Construction Materials Testing, and Environmental departments. He previously supervised the Construction Services Department. He has overseen the construction materials testing and inspection of many projects in Palm Beach County, along the Treasure Coast, including St. Lucie County, consisting of roadways, commercial and residential developments, stormwater drainage projects, and bridges. He supervised various construction quality assurance testing and inspection services for private and public sector clients.



SHARMILA PANT, P.E. (GEOTECHNICAL & TESTING, ARDAMAN)

EDUCATION

M.S. Civil Engineering, Florida Atlantic University
B.S. Civil Engineering, Tribhuvan University, Kathmandu, Nepal

REGISTRATION

Professional Engineer, State of Florida, No. 98836

EXPERIENCE

Ms. Pant has been a Staff Engineer in Ardaman's Port St. Lucie office for the past eight years. She has a master's degree in civil engineering from Florida Atlantic University, where she completed research in the application of geogrids in landfills and a special study of various methods of evaluating concrete in drilled shaft foundations. She is responsible for supporting senior engineers, providing geotechnical engineering, materials testing, and environmental assessments. Her duties include field and laboratory support, data gathering and analysis, and reporting.



MITCHEL A. WALKER (IRRIGATION, MASUEN CONSULTING, LLC)

EDUCATION

AA/ Criminology - Miami Dade Community College
BS/ Zoology - Humboldt State University
MS/ Construction Management - Florida International University

REGISTRATION

Florida State Certified
Irrigation Contractor
#SCC131152141



EXPERIENCE

Mitchel A. Walker has over 25 years of experience in water management as the President of Masuen Consulting LLC, specializing in design, consulting, and management for the golf course, landscape, and agricultural industries. His expertise includes master planning, complex control systems, and sustainable water management practices. A professional member of the American Society of Irrigation Consultants and an EPA Water Sense partner, Mitchel's project experience includes notable clients like Reunion Resort and the Cleveland Clinic, reflecting his commitment to innovative water solutions.



DREW LAYTON (IRRIGATION, MASUEN CONSULTING, LLC)

EDUCATION

Centennial HS, Boise ID

REGISTRATION

Certified Landscape Irrigation Auditor
#187729



EXPERIENCE

Drew Layton is a Technical Consultant at Masuen Consulting LLC, bringing expertise in irrigation maintenance, smart controller management, and flow management. With experience in product specification and TCP/IP networking, Drew has a solid background in technical support and inside sales. His project portfolio includes high-profile sites such as Apple Park and the ExxonMobil Headquarters. Drew's comprehensive knowledge in irrigation systems and technology positions him as a valuable asset in water management solutions.





Robert J. Cotleur, ASLA, PLA (LANDSCAPING, COTLEUR & HEARING)

EDUCATION

BS/ Ohio State University, Landscape Architecture;
 Cum Laude Honor Graduate, ASLA Academic Award
 of Excellence

REGISTRATION

State of Florida Registered
 Landscape Architect
 # LA0001067



EXPERIENCE

Mr. Cotleur has practiced landscape architecture in Palm Beach County for over thirty-nine years. He has developed considerable knowledge of South Florida ecology while participating in numerous planning, design, environmental, and construction administration projects. Mr. Cotleur is a recognized expert in transportation landscape architecture, and the Cotleur & Hearing transportation team has also provided landscape architectural services to the FDOT Central Office and the Turnpike. Mr. Cotleur assisted in the preparation of Landscape Brand Guidelines for both District 4 and the Turnpike, and he recently participated at a state level to assist the FDOT with the enhancement of standard specifications, design manual updates, and plan exhibits. With a design-build background, he also has vast experience with Tree Disposition projects that include Tree Relocation, Preservation, Pruning, and the preparation of Selective Clearing & Grubbing Plans. As the Landscape Architect of Record, Mr. Cotleur was responsible for the landscape design of several notable roadways in South Florida including the I-95 gateway interchanges at I-595, Palm Beach Lakes, 45th St, Blue Heron Blvd, SR-706, CR-708, SR-76, SR-68, SR-70, and SR-60. He also designed the I-75/I-595 interchange in Broward County, the Indian Street Bridge and Jensen Beach Causeway in Martin County, and the entire 27-mile Polk Parkway in Polk County.

Mr. Cotleur has not only completed a multitude of transportation projects for FDOT but also for many municipalities such as Jupiter, Royal Palm Beach, West Palm Beach, Greenacres, Port St. Lucie, Delray, Margate, and Highland Beach.



BOBBY OLSKER (LANDSCAPING, COTLEUR & HEARING)

EDUCATION

BS/ Palm Beach Atlantic University, Business Administration, Management and Computer Science

REGISTRATION

Florida Irrigation Contractors Competency License
 #U-19247



EXPERIENCE

Mr. Olsker has worked in the irrigation industry for over thirty years. He has owned an irrigation company for eighteen years and worked as an Irrigation Designer and Consultant for several landscape architects for over 20 years. He has vast experience and has designed all types of systems including mist, drip and emitter utilizing various water sources including potable, surface, well and re-use. He's also very familiar with utilizing all options for controller systems including satellite, traditional, Wi-Fi, and 2-wire. He designed the system for the Jensen Beach Causeway Project in Martin County which utilized deep water wells (over 2,000') for this barrier island project. He provides irrigation design and post design inspection services for Cotleur & Hearing and has been an employee since 2006.





City of Port St. Lucie



**James P. "Butch" Terpening, PE
PRINCIPAL**



**Marcelo Dimitriou, PE
CEI PROJECT MANAGER**



**Wesley Kraft, EI
DEPUTY PROJECT MANAGER
(JMT)**



**Steven Haines, PE, LEED AP
PROJECT ENGINEER
(JMT)**

INSPECTORS

SUPPORT SERVICES



**James Ashburn
LEAD SENIOR INSPECTOR**



**Felix Roman
SENIOR INSPECTOR
(JMT)**



**Jamie T. Campbell
SENIOR INSPECTOR**



**Dakota Preis
INSPECTOR**



**David P. Andre, PE
PROJECT MANAGER
(AACE)**



**Mark Zrallack, PE
PROJECT ENGINEER
(ARDAMAN & ASSOCIATES)**



**Thomas P. Kiernan, PSM
PROJECT MANAGER - SURVEY**

ADDITIONAL RESOURCES AS NEEDED



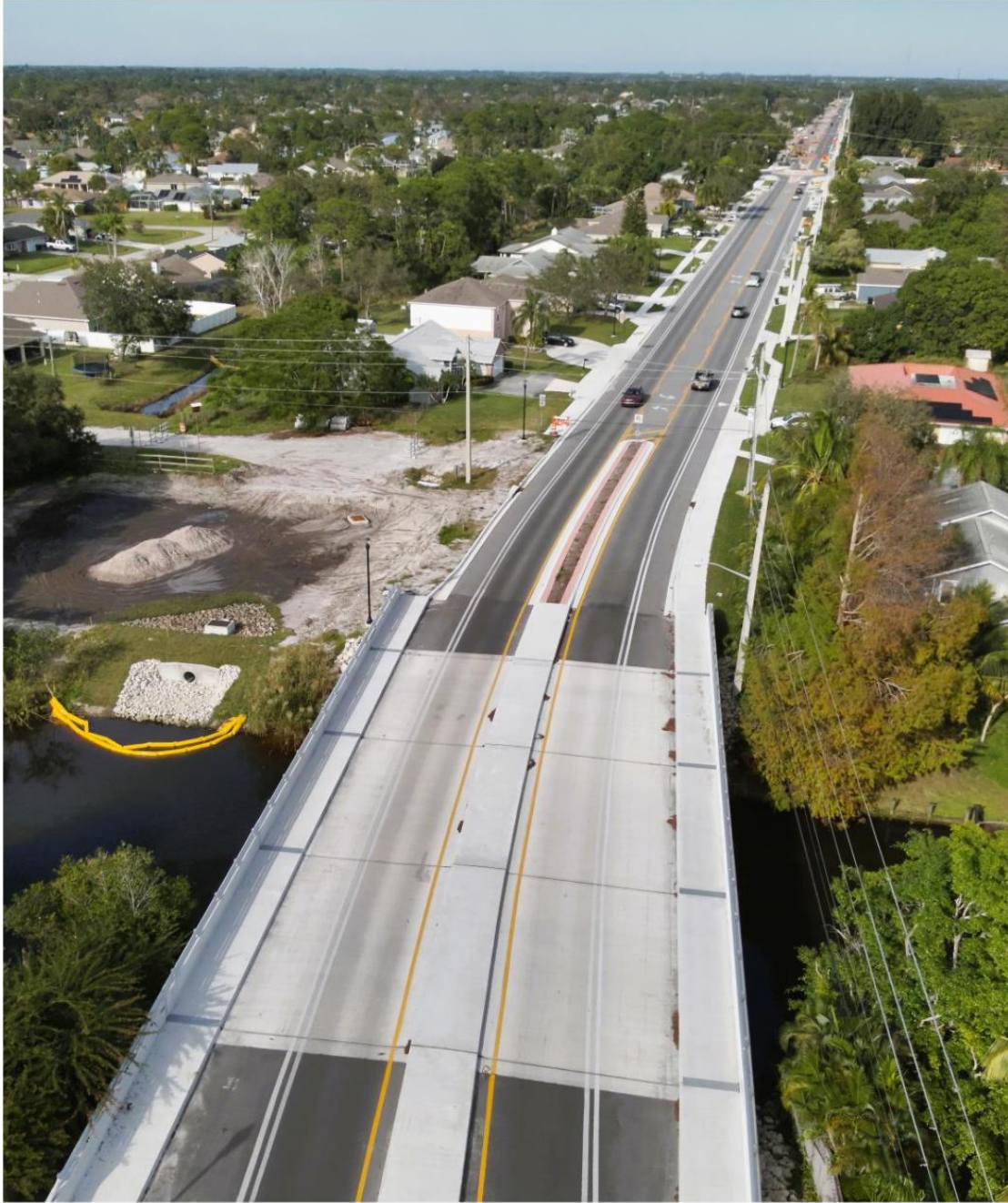
**ENVIRONMENTAL
HOBE SOUND
ENVIRONMENTAL, INC.**



**IRRIGATION
MASUEN CONSULTING, LLC**



**LANDSCAPING
COTLEUR & HEARING
LANDSCAPE
ARCHITECTURE, LLC**



Tab 3

Methodology/Approach



METHODOLOGY AND APPROACH

C&T is one of the most experienced CEI firms in managing construction projects across Port St. Lucie's neighborhoods, with over 40 years of dedicated service to the City and nearby areas. Our approach focuses on delivering consistent top-quality results while prioritizing the client's best interests, ensuring projects are completed on time, within budget, and with minimal public complaints. Our client-centered strategy has proven successful in key projects like Floresta Drive Phases 1 & 2, Crosstown Parkway Segments 2 & 4, and the PSLUSD Water Main Replacement.

Our CEI services emphasize proactive oversight, with our **BOOTS ON THE GROUND** ensuring quality control, schedule adherence, and seamless communication between stakeholders. We provide timely inspections, comprehensive documentation, and responsive coordination to meet project objectives and regulatory compliance.



We fully share the City's goals of improving traffic flow, preserving the residential character of the corridor, enhancing pedestrian and bicycle access, and supporting the City's strategic plan for "High Quality Infrastructure and Facilities." Our approach is designed to meet these objectives while upholding high standards of service, ensuring excellence in project execution. Based on our proven track record, we are well-prepared to continue serving the City on this critical Phase 3 of the Floresta Drive Improvements project.

As a truly local firm, we have a deep understanding of the City's unique needs and priorities. Our approach minimizes project impacts, ensures resident satisfaction, and offers on-site solutions to challenges as they arise. For Floresta Drive Phase 3, we have assembled a strong team, including JMT, AACE, Ardaman & Associates, Hobe Sound Environmental, Masuen Consulting, and Cotleur & Hearing, to provide comprehensive support and ensure project success. Our simplified approach is outlined in four key steps, discussed in detail in the following sections:

- **Step 1** – Understand the Project
- **Step 2** – Leverage Past Experience
- **Step 3** – Identify Critical Issues
- **Step 4** – Apply Detailed Methodology
 - Step 4A: Define Construction Project Goals
 - Step 4B: Outline Construction Plan to Meet Goals
 - Step 4C: Identify Critical Plan and Field Review Items
 - Step 4D: Implement Tracking Systems
 - Step 4E: Ensure Schedule Performance
 - Step 4F: Provide Value-Added Services



APPROACH STEP 1 – UNDERSTAND THE PROJECT

We understand the City is requesting CEI services for three projects under Floresta Phase 3: the Floresta Drive Phase 3 Project, the D-11 Drainage Canal Improvement Project, and the Prima Vista Boulevard Median Improvements Project. Each project has separate plan sets and bid tabs, as outlined below.

- **Floresta Drive Phase 3:**

The Floresta Phase 3 project follows the same design as Phases 1 and 2, covering 1.3 miles from Crosstown Parkway to Prima Vista Boulevard. It includes a 7' bike lane and 11' travel lanes in both directions, separated by an 8' median or traffic separators, with sidewalks on both sides. Drainage pipes, ranging from 18" to 60" in diameter, will be under the northbound lane. A 12" water main will be on the west side, and a low-pressure force main on the east for removing existing mains. The project also features pedestrian lighting and a fiber optic raceway.

Two roundabouts, similar to those in Phases 1 and 2, will be built at Fallon Drive and Naranja Avenue. A 3-acre pond will be constructed at Harbor View Drive, and large drainage crossings at the D-8, D-10, and D-11 canals will be replaced, with special headwalls at D-8 and D-10. A signalized intersection with new mast arms will be built at Prima Vista Boulevard under Prima Vista pay items.

- **D-11 Drainage Canal:**

The work involves dual pipe culverting of the D-11 Canal for 2,050 feet from Floresta Drive to the North Coral Reef Waterway. Dual 48x76" pipes will connect to the existing dual 43x68" ERCP under Bayharbor Street, while dual 72" round pipes will extend from Bayharbor to the end wall at the North Coral Reef Waterway. The project also includes constructing end walls, seawalls, rip rap, drainage structures, desilting pipes, fencing, and sod. It will require regular, channel, and subsoil excavation, embankment work, pipe and structure installation, and sheet pile installation.



- **Prima Vista Improvements:**

The work involves road, drainage, signal, lighting, and landscaping improvements on Prima Vista Boulevard from NE Estia Lane to NE Naranja Avenue, including tie-ins to Floresta Drive. Drainage work includes replacing the 24" to 48" drainage line, cross drains, and installing a 48" pipe and a 60" pipe at the Floresta/Prima Vista intersection. Five drainage structures will be modified, and 16 new ones installed.

Roadway work includes widening, turn lane extensions, milling, resurfacing, curbed medians, and traffic separators. It also includes sidewalks, driveways, and a full signal system replacement with mast arms, signals, and fiber optics. Lighting and landscaping will be added, with coordination required for St. Lucie County's right of way.



APPROACH STEP 2 – LEVERAGE PAST EXPERIENCE

Specific examples of how C&T has implemented a similar approach are outlined below. Each of these projects included high traffic, neighborhood roadway construction, and utility work aspects similar in scope to the Floresta Drive Widening Phases 3 project. These projects include:

- **Floresta Drive Phase 1 and 2, Port St. Lucie, Construction Value: \$22M, CEI Value: \$2.2M Client: Frank Knott, Thomas Salvador (City of Port St Lucie), Phone No.: 772-878-0097, Email: FKnott@cityofpsl.com, TSalvador@cityofpsl.com**

There is no other project as similar to Floresta Drive Phase 3 than our work for Floresta Drive Phases 1 and 2. During Phases 1 and 2 of this project, we worked with the same residents and experienced the same challenges that will be present for Phase 3. We were successful on Phases 1 and 2 of this project and would like to continue working with you through to the completion of the whole three-phase project. Similarities between Phases 1 & 2 and Phase 3 are as follows:

- New roundabouts at Thanksgiving Avenue, Polynesian Avenue and Bywood Avenue;
- Median openings at Portage Avenue, Essex Drive, Ablett Lane, Streamlet Avenue, Damask Avenue, Walters Terrace, Breakwater Avenue and Atlantus Avenue;
- Expanded intersection at Port St. Lucie Boulevard;
- Similar utility issues and relocation related to FPL and PSLUSD and others;
- Multiple issues further detailed in Project Plan section;
- Stormwater treatment pond sites.

Key components of our approach to Phase 1 and 2 included the following:

- In the early stages of project management, we applied our standard plan and field review, identifying utility relocations, unforeseen AC water mains problems, design conflicts with water main & lighting, lighting and load center requirements, offsite drainage issues, valves falling in curb ramps that needed adjustments, and other items.
- Schedule – We collaborated with the contractor to create MOT sub-phases, speeding up the project while quickly restoring areas to minimize dust and soil tracking for residents and businesses.
- Value Engineering - We were able to preserve many of the City's trees around the lakes and provide sidewalk layout options that were not included in the construction plans.
- Property Tie-in & Harmonization - We conducted field reviews and made adjustments to ensure proper harmonization where elevations differed from the plans or right-of-way access couldn't be obtained. See Figure 5 – Property Harmonization During Floresta Phase 1.
- Resident Interface and Complaint Resolution – By logging, tracking, and resolving resident and business issues, we kept work progressing smoothly, addressing concerns as they arose and preventing delays or escalations.



Figure 5 – Property Harmonization During Floresta Phase 1



- **West Midway Road Improvements, St. Lucie County, Construction Value: \$17M, CEI Value: \$2.2M Client: Don West (St Lucie County), Phone No.: 772-462-2178, Email: westd@stlucieco.org**

This project involved one mile of roadway reconstruction and widening, two major intersection upgrades with mast arm installation, and extensive utility relocations. In a high-traffic residential and business area, it also included drainage, signalization, sidewalks, multi-use paths, and landscaping.

Key components of our approach included the following:

- Property Tie-in & Harmonization - Ongoing field reviews revealed driveway tie-ins that wouldn't meet required slopes due to inaccurate ground elevations. We reassessed and redesigned the slopes, obtaining right-of-entry agreements from property owners to achieve the correct tie-ins. This avoided delays and ensured a quality outcome for the owners.
- Offsite Drainage Issues – During pre-work site reviews, we identified areas where the roadway design would block offsite drainage, causing ponding. Our CEI team designed swales or added drainage structures and piping to resolve the issue, keeping the project on schedule.
- Schedule – We collaborated with the contractor to create MOT sub-phases, speeding up the project while expediting restoration to minimize dust and soil tracking for residents and businesses.
- Utility Relocates - This was a priority and not a secondary consideration. We are fully familiar with PSLUSD and FPL's goals and processes.
- Utility Approach – We worked closely with PSLUSD to perform partial certifications at critical times, keeping the work moving efficiently and expediting the schedule. We also made drainage adjustments to minimize costly utility relocations.
- Resident Interface and Complaint Resolution – By logging, tracking, and resolving resident and business issues, we kept work moving forward, closing out concerns as they arose and preventing delays or escalations.
- Encroachments - ROW conflicts with regrading and slope stabilization were reviewed early. Minor grading adjustments were made where possible to avoid conflicts. In other cases, we coordinated with residents to relocate encroaching objects ahead of the work, preventing delays and design issues.
- We conducted ongoing plan and field constructibility reviews, using our local knowledge to identify off-site drainage issues not shown in the non-local consultant's plans. After consulting with the permitting agency and EOR, we made field modifications to direct unexpected stormwater, using our internal survey capabilities. Our site review also found unsuitable material that needed removal before installing large culverts along Midway Road, preventing project delays.
- Pedestrian Access and Safety – Each day, an inspector prioritized reviewing pedestrian access to ensure sidewalks and temporary paths were properly marked, signed, and safe. Any issues were immediately addressed by the contractor. At the end of each shift, excavations were either backfilled or properly secured.
- Soil Tracking & Dust Control – The contractor was required to keep a broom tractor at equipment entry points to continuously sweep and clean the roadway.
- Noise Control - In this residential project, noise control was key. We worked with the contractor to shield dewatering pumps, set quieter haul routes, and reduce truck tailgate banging.

Through proactive planning, we avoided project delays and cost increases, even though these issues weren't in the original plans. The County received a successful project, and residents and businesses were fully satisfied with minimal disruption.



- **Kings-Indrio Improvements, St. Lucie County, Construction Value: \$18M, CEI Value: \$1.9M Client: Don West (St Lucie County), Phone No.: 772-462-2178, Email: westd@stlucie-co.org**

This project involved reconstructing 1.5 miles of roadway and a major intersection in a busy commercial area. Key tasks included installing drainage structures, culverts, driveways, sidewalks, a multi-use path, signalization, lighting, and landscaping.

Key components of our approach included the following:

- During our standard project plan and field review, we identified drainage ditches needing redirection that were missed in the non-local design plans. We made adjustments ahead of the box culvert and slope stabilization work, ensuring no impact on the project schedule.
- Our site review found areas with unsuitable material that needed removal before installing large culverts. These adjustments were made ahead of schedule, avoiding project delays and extra mobilization costs for demucking equipment.
- Schedule – We worked with the contractor to create MOT sub-phases, speeding up the project and quickly restoring areas to minimize dust and soil tracking impacts on residents and businesses.
- Property Tie-in & Harmonization - Ongoing field reviews revealed driveway tie-ins that wouldn't meet required slopes due to incorrect ground elevations in the plans. We reassessed and redesigned the slopes, securing right-of-entry agreements from property owners to achieve proper tie-ins. This avoided delays and delivered the desired result for owners.
- Resident Interface and Complaint Resolution – By logging, tracking, and resolving resident and business issues, we kept the work progressing while addressing concerns, avoiding delays or escalation of issues.

Our project management approach ensured the critical Kings/Indrio project stayed on schedule without delays and with minimal abutter complaints.

- **E-3 Canal Improvements, St. Lucie County, Construction Value: \$4.2M, CEI Value: \$0.4M Client: John Dunton (City of Port St. Lucie), Phone No.: 772-344-4035, Email: JDunton@cityofpsl.com**

This project involved culverting about 1 mile of drainage canal with 54" and 60" dual pipe culverts, similar to the D-11 Canal Improvements. Key tasks included subsoil excavation, bypassing canal flows, installing large culverts, structures, headwalls, and restoration, all behind residents' homes.

Key components of our approach included the following:

- In our standard project plan and field review, we identified conflicts requiring adjustments to small side lot structures. By planning this work early, we minimized added costs.
- Resident safety was a top priority in our approach. We ensured daily that excavations were backfilled to 4:1 slopes or properly protected, and perimeter fencing was inspected and repaired as needed. These actions kept the site incident-free, despite the work being in residents' backyards.
- During field review, we identified potential water trapping at two adjacent properties. We added a drainage inlet and pipe to resolve the issue, preventing rework costs.
- Our field review found large areas of unsuitable material not noted in the plans. We collaborated with our geotech subconsultant to remove it, preventing future pipe settlement issues.



- We collaborated with the City and contractor to develop a plan for berm elevations and alternate canal flow diversions, keeping work progressing during the wet season without causing upstream flooding. We also used turbidity barriers, chemical treatment, and other methods to maintain acceptable downstream turbidity levels.
- In our pre-work site review, we identified specimen oak trees at the clearing limits. After reviewing with the City, we implemented protection measures, adjusted grading, and saved the trees, satisfying both the City and residents.
- During the work effort, our team guided the contractor on obtaining representative reading son vibrations during the work effort to protect against property claims. We also suggested that settlement point readings be obtained at various structures prior to working on those areas to protect against false claims and to reassure the property owners that there were no impacts from the work.
- Our team guided the contractor in obtaining vibration readings to protect against property claims. We also recommended taking settlement readings at structures before work began to prevent false claims and reassure property owners of no impacts.

Our site review found offsite drainage swales needing regrading to flow into the new inlets. We made field adjustments with minimal added cost.

Relationship Of Prior Work Experience To The Floresta Drive Phase 3 Project

The Floresta Drive Phase 3 project is similar to our past projects in scope and technical aspects, with a major focus on resident and neighborhood concerns. C&T has the most experience overseeing construction in the City's neighborhoods, with a proven track record on projects like Crosstown Parkway Segments 2 & 4, USA Water & Sewer Expansion, Walton Road, Verada Ditch, and various sidewalk projects. We've also completed neighborhood projects in the City of Stuart, ensuring residents remain satisfied throughout construction.

For the Floresta Drive Phase 3 project, we'll follow the same approach as our recent CEI projects: reviewing, anticipating, and adjusting as needed. We've already done preliminary reviews and identified areas of concern to discuss with the City and EOR, as outlined in Section 5A Plan & Field Review Items.

Our team is ready to support public meetings with stakeholders and residents, continuing the community outreach and attention to the City Council seen in past projects. If desired, we can set up a kiosk at City Hall on council update days for residents to review construction progress. We'll also collaborate with the City to send project updates via social media, flyers, and mail.

We can further assist by using our in-house GIS team to provide continuous updates on the City's website, including creating Story Maps with media, geo-tagged photos, and general project updates for residents along the corridor.

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APPROACH STEP 3 - IDENTIFY CRITICAL ISSUES

• **Floresta Drive Phase 3**

- **PSLUSD Utilities** - The biggest challenge for keeping the project on schedule will be relocating existing utilities, as the water and force mains must be constructed, certified, and activated before much of the drainage work can begin. PSLUSD did a great job in Phase 2, expediting the process, and we plan to work with them again to minimize deflections and line stops. For example, in Phase 2, we relocated drainage runs to avoid deflections, saving time and costs. We'll also ensure proper separations, avoid placing valves in curb ramps, maintain 5' distances from mains to objects, and install root barriers. Additionally, we will follow the Utility Technical Specification for pay items and change orders.
- **Other Public Utilities** - Power, communications, and gas facilities can delay the work, so we've already started reviewing FPL poles in the Phase 3 corridor to avoid unnecessary delays (see Figure 7 – FPL Pole Locations below). We will assist the contractor with location issues and coordination, as we did in previous phases. We also helped modify the traffic control plan in earlier phases to keep the project on track while waiting for public utility relocations.
- **Resident Concerns** - Residents' concerns will be crucial during the project, focusing on driveway tie-ins, grading harmonization, and right-of-way encroachments. We'll collaborate with the contractor and City Public Information Officer, Beth Zsoka, on these issues. Elevations will be reviewed in advance, and right of entry agreements obtained if needed. We've already started tracking right-of-way encroachments. Other concerns may involve yard drains, additional fill to prevent ponding, tree preservation, and sod type. Our experience from Phases 1 & 2 will help us manage these aspects successfully in Phase 3.
- **Traffic Control and MOT** - The Traffic Control Plan for Phase 3 is similar to Phase 2. Phase 1A builds a temporary road on the west side, and Phase 1 shifts traffic there to allow work on the east side. In Phase 2, traffic moves to the new east side road to allow work on the west side. Phase 3 shifts traffic to the outside lanes for median work, and Phase 4 uses final lane configurations with lane closures for friction course placement. To speed up work, we will coordinate with the contractor and City to overlap activities and use road closures when practical. High commuter and school traffic during rush hours will require careful management of lane closures. Pedestrian traffic will be maintained per FDOT Standard Plan 102-660, and signs and devices will be regularly checked to prevent confusion.

Project	Critical Issues
Floresta Drive Phase 3	PSLUSD Utilities
	Other Public Utilities
	Resident Concerns
	Traffic Control and MOT
	Gopher Tortoise and Environmental
	Yard Drains
	Canal Pipe Crossings
	Baffle Boxes
D-11 Canal	Adjacent properties
	Noise Mitigation
	Resident Safety
	Existing Fencing
	Trees
	Dewatering
	Buoyancy Concerns
	Subsoil Excavation
	Canal Flow
	Compaction Between Pipes
	Vibration & Settlement Monitoring
	Coral Reef Street Restoration
	Pipe Inspection
Serviceability	
Prima Vista	Traffic Control/MOT
	Business/Resident Impacts
	Drainage During Construction
	Landscape Medians
	Utility Conflicts
	St. Lucie County Coordination
Future Prima Vista Blvd. Improvements	

Figure 6 – Matrix of Phase 3 Critical Issues



- **Gopher Tortoise and Environmental** - We must ensure a pre-construction Gopher tortoise review is conducted to prevent delays. If tortoises are found, we'll work with our environmental subconsultant, Hobe Sound Environmental, to secure permits and relocate them, as in Phase 2. Indigo snake and manatee requirements must also be in place. Erosion and sediment control will be reviewed weekly and after rain events to maintain compliance. Turbidity monitoring will be essential during dewatering and pond installation. Brett Kaiser will be kept informed of any environmental issues.
- **Yard Drains** - In Phase 3, we've identified potential locations for yard drains, but just like in Phases 1 & 2, we will thoroughly review conditions to avoid unnecessary costs. By making grading adjustments and adding fill in side lot drainage easements, we can eliminate the need for many yard drains. In Phase 2, this strategy saved approximately \$150,000 by cutting down the number of drains required. We aim to achieve similar significant cost savings in Phase 3 through this careful evaluation.
- **Canal Pipe Crossings** - The work includes large diameter canal pipe crossings, similar to the Phase 1 work at Kingsway Waterway. It's important to assess peak canal flows and use gravity flow or bypass pumping to ensure safe progress. Preventing upstream flooding is critical, and nighttime closures may be needed for parts of the pipe crossing work. We'll also ensure proper compaction between dual pipes under the roadway, with flowable fill as a potential option.
- **Baffle Boxes** - The Eco-Vault baffle boxes are similar to the box installed on Phase 1. Based on that experience, we are familiar with the key aspects of the installation. These aspects will include flow control, installation of the internal components, personnel access, security and maintenance access.
- **D-11 Canal**
 - **Adjacent properties** - The work will occur directly behind 44 single-family homes, including 16 with in-ground pools, along with other structures and fences. C&T will manage these concerns, as we did on the similar E-3 canal project, by providing advance and ongoing resident notifications and working with the contractor to ensure that the right of way and easements are clearly marked to keep all activities outside private property.
 - **Noise Mitigation** - Pumps may need to run 24/7 during the work. We'll work with the contractor to ensure low-decibel pumps are used, placed far from homes, and shielded to reduce noise disturbance.
 - **Resident Safety** - Resident safety is a priority. Excavations should be backfilled daily or properly sloped and protected. We recommend securely installed safety fencing along back properties, as used in the E-3 canal project.
 - **Existing Fencing** - If fencing is removed, a temporary fence must be installed in advance if children or animals are present. We will meet with the contractor and residents to ensure clear understanding, as on the E-3 project.
 - **Trees** - Some trees within the work limits, including large oaks at 713, 849, and 873 SE Chaloupe Avenue, may be worth saving. We'll review these with the City before clearing and protect any trees to be saved, as in the E-3 project. Resident coordination will be needed if trees are partially on private property.
 - **Dewatering** - The contractor must obtain a dewatering permit from SFWMD, and we will assist. Turbidity control is crucial, with a 0 ntu threshold required at North Coral Reef Waterway. Sampling water and suspended solids will be essential to select the right polymer for quick treatment.



- **Buoyancy Concerns** - We understand the buoyancy concerns for pipes and structures. Proper backfilling is crucial to prevent flotation if groundwater or stormwater levels rise. Drainage structures also need the 1' concrete ballast installed immediately to avoid flotation.
- **Subsoil Excavation** - Removing unsuitable material is crucial to prevent future pipe settlement. The plans estimate 3,500 CY of subsoil excavation, but this will be refined as work progresses. With our inspectors, geotechnical expertise, and survey capabilities, we'll accurately identify and quantify the unsuitable material to protect project quality and budget.
- **Canal Flow** - Flood protection is essential during the work. We'll ensure the contractor uses the correct storm event flow rates to determine gravity or pump bypass for upstream canal water, especially when the site is unattended. We'll review this with the City as we did for the E-3 canal project.
- **Compaction Between Pipes** - Proper compaction between the dual pipes and under the haunches is essential, using equipment like pogo sticks, jumping jacks, or flowable fill. This will prevent pipe movement or ground settlement.
- **Vibration & Settlement Monitoring** - The plans require vibration monitoring within 100' of sheet pile installation. We recommend additional monitoring at several locations, especially near in-ground pools. Settlement monitoring points should be set at each structure, with preconstruction photos and readings taken before, during, and after the work. This will help prevent claims.
- **Coral Reef Street Restoration** - The drainage pay item includes roadway restoration but lacks details on the cross section. We'll work with the City to ensure proper base and asphalt thickness.
- **Pipe Inspection** - Large pipes (over 48" diameter) aren't required to be video inspected and are usually walked through after installation. However, issues may arise later, and we can use our drone system to inspect them as needed, like on the E-3 canal.
- **Serviceability** - Our goal is always to make the project as maintainable as possible by assuring that slopes are 4:1 and making adjustments, if needed, to prevent installing components adjacent to other fixed objects such as power poles, etc.

Prima Vista

- **Traffic Control/MOT** - Traffic control and MOT are crucial, especially with heavy commuter and school traffic during rush hours. Lane closures must follow allowable hours if needed. Pedestrian traffic should conform to FDOT Standard Plan 102-660. The contractor and CEI must regularly check signs and devices to prevent confusion and traffic issues.
- **Business/Resident Impacts** - We recognize the busy businesses within the project limits, like Wawa, CVS, and Advance Auto Parts, and understand the need to minimize disruptions, provide notice, and maintain access. Signs will mark temporary access points, especially when the work zone is between businesses and traffic. Safe access will be required daily for both businesses and homes.
- **Drainage During Construction** - Accommodating drainage during construction will be challenging as active pipes are removed and replaced. Similar to our work on Edwards Road, we'll remove only the pipes replaced the same day or use temporary pipes to keep the drainage system operational.
- **Landscape Medians** - The new landscape medians will replace existing roadway. It's crucial to remove all base rock and debris, then backfill with free-draining soil to prevent water retention and help the plantings thrive.
- **Utility Conflicts** - While the plans show existing utilities, it's crucial to gather pot-hole data early to identify unforeseen conflicts and allow time for adjustments or redesign, preventing delays and claims.



- **St. Lucie County Coordination** - Prima Vista is a County-owned roadway, so coordination with the County will be needed to address their concerns and ensure their satisfaction. Our team, including C&T, JMT, and AACE, has strong relationships with St. Lucie County and experience with dual-agency projects. If needed, we can separate costs as we've done in the past.
- **Future St. Lucie County Prima Vista Corridor Improvements** - We are aware of the County's project for the Prima Vista corridor and will coordinate with Kimley-Horn to integrate any adjustments into the Median Improvements. The City and County will be kept informed of any changes.

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POLE	STATION	L/R	PROPOSED PLAN ACTION	UTILITY SHEET #	REQUIRED ACTION	REVIEW 09-27-24
32	661+30	R	NONE	23	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
33	661+45	L	NONE	23	RELOCATE & TRANSFER	IN-LINE POLE 39' L. NEAR YD, SEWER SERVICE
34	663+05	L	NONE	23	RELOCATE (CRITICAL WATER MAIN)	ANCHOR POLE 34' L. NEAR 12" WM, SIDEWALK
35	663+20	R	NONE	23	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
36	664+30	R	RELOCATE	23	NO ACTION NEEDED	NO ACTION NEEDED
37	665+05	R	RELOCATE	23	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
38	666+60	L	NONE	24	RELOCATE (CRITICAL ROADWAY)	REMOVED
39	666+85	R	RELOCATE	24	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	TRANSFERRED, POLE REMAINS
40	668+20	L	NONE	24	RELOCATE & TRANSFER	IN-LINE POLE, 36' L. NEAR S/W,YD-12, WATER SERVICE
41	668+50	R	NONE	24	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
42	670+20	R	RELOCATE	24	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
43	672+00	R	NONE	25	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
44	674+05	R	RELOCATE	25	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	TRANSFERRED, POLE REMAINS
45	675+40	L	NONE	25	RELOCATE (CRITICAL ROADWAY)	TRANSFERRED, POLE REMAINS
46	675+65	R	NONE	25	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
47	677+85	R	RELOCATE	26	RELOCATE (CRITICAL ROADWAY)	TRANSFERRED, POLE REMAINS
48	680+00	R	NONE	26	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
49	681+00	R	NONE	26	RELOCATE & TRANSFER	TRANSFERRED
50	682+35	R	RELOCATE	26	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	TRANSFERRED, POLE REMAINS
51	684+50	R	RELOCATE	27	RELOCATE (CRITICAL DRAINAGE)	TRANSFERRED, POLE REMAINS
52	685+70	R	RELOCATE	27	RELOCATE (CRITICAL DRAINAGE)	TRANSFERRED, POLE REMAINS
53	687+50	R	NONE	27	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
54	690+70	R	RELOCATE	28	RELOCATE & TRANSFER (CRITICAL LPFM)	TRANSFERRED, POLE REMAINS
55	692+00	R	RELOCATE	28	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
56	692+20	R	RELOCATE	28	RELOCATE & TRANSFER	TRANSFERRED
57	693+80	R	RELOCATE	29	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
58	695+50	R	RELOCATE	29	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
59	696+25	R	RELOCATE	29	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
60	698+10	R	RELOCATE	29	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
61	699+80	R	RELOCATE	30	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
62	702+20	R	RELOCATE	30	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	TRANSFERRED, POLE REMAINS
63	704+70	R	NONE	30	RELOCATE (CRITICAL DRAINAGE)	TRANSFERRED, POLE REMAINS
64	707+10	R	NONE	31	RELOCATE (CRITICAL DRAINAGE)	TRANSFERRED, POLE REMAINS
65	709+45	R	NONE	31	RELOCATE (CRITICAL DRAINAGE)	TRANSFERRED, POLE REMAINS
66	711+80	R	NONE	32	RELOCATE (CRITICAL DRAINAGE)	TRANSFERRED, POLE REMAINS
67	713+80	R	RELOCATE	32	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	RELOCATED
68	715+80	R	NONE	32	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	TRANSFERRED, POLE REMAINS
69	718+40	R	RELOCATE	33	RELOCATE (CRITICAL ROADWAY & DRAINAGE)	TRANSFERRED, POLE REMAINS
70	723+55	R	NONE	34	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS
71	726+40	R	NONE	34	RELOCATE & TRANSFER	TRANSFERRED, POLE REMAINS

Figure 7 – FPL Pole Location Matrix



APPROACH STEP 4 – APPLY DETAILED METHODOLOGY

Our plan is to seamlessly transition the staff from Floresta Drive Phases 1 & 2 to Phase 3. This gives us a major advantage, as the team has no learning curve and already overcame many complex issues in Phases 1 & 2. From our site and plan review, we anticipate similar challenges in Phase 3 and will be ready to address them immediately.

With our experienced team and lessons from Phases 1 & 2, we aim to complete this project on time, on budget, with high quality, low future maintenance, and minimal public complaints or traffic impacts. We'll achieve this by working closely with the contractor, the City, and PSLUSD to find solutions to any issues. We proved this on Phases 1 & 2 by collaborating on traffic control adjustments, eliminating deflections and line stops to keep work moving and reduce costs, re-sequencing work to avoid delays from utility relocations, and adjusting where right-of-way or entry agreements were delayed. Our success on Phases 1 & 2 provides a strong foundation for Phase 3. Other items that we became aware of and resolved on Phase 1 & 2 after extensive efforts include:

- Off-site drainage issues requiring the addition of yard drains or added fill;
- Conflicting utility adjustment information requiring resolutions;
- Utility valves and appurtenances within curb ramps and other undesirable areas requiring adjustments;
- Traffic control requirements that cannot fully meet FDOT requirements due to the restrictions of a tight ROW, requiring adjustments;
- Grade difference issues at ROW areas requiring resolution;
- Temporary drainage considerations, requiring field resolution;
- Conflicts between the various plan components, including lighting, water main and drainage, requiring adjustments;
- Unforeseen pavement reinforcing geotextile in the existing asphalt that may continue into Phase 3;
- Conflicts in the lighting plans requiring resolution;
- And more.

From our plan and site review, we expect the same issues to arise in Phase 3. Resolving them required extensive effort, but we have the blueprint from Phases 1 & 2 to address them quickly and efficiently. Our plan to protect the City's budget includes:

- During slow periods, we will shift staff to other local projects when possible;
- We will provide part-time positions for several roles as with Phases 1 & 2;
- We will provide drone aerial progress photos as an added-value service, as done in Phases 1 & 2;
- Most importantly, we'll work to reduce costs by eliminating utility adjustments where possible and directing PSLUSD-approved field changes instead of requiring design EOR plan revisions for minor adjustments.

Based on our experience, quality of staff and lessons learned on Phases 1 & 2, we believe that we will provide the best-value services to the City by implementing the above project plan and approach.

APPROACH STEP 4A - APPLY DETAILED METHODOLOGY: DEFINE CONSTRUCTION PROJECT GOALS

The goals for our CEI/Geotech services on this project are as follows:

- Deliver a quality product that meets all specification and plan requirements;
- Deliver the project on time;
- Deliver the project on budget;
- Deliver the project with minimal resident concerns; and
- Deliver the project with no ongoing maintenance concerns.



Important aspects will include the following:

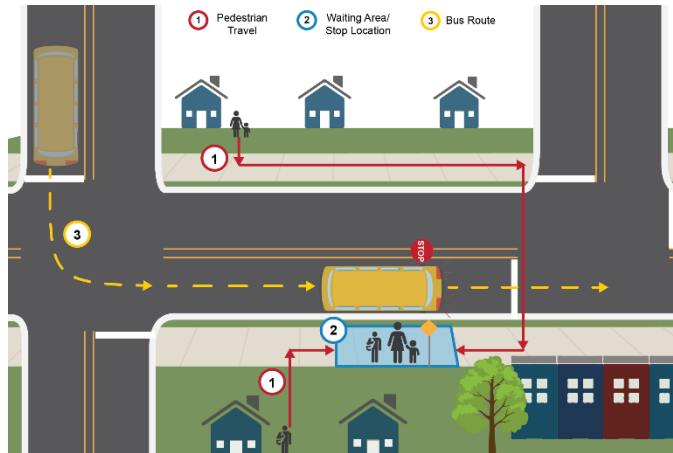
- **Advanced review and coordination** with the residents to identify and resolve any encroachments that may be in conflict with construction, as well as to make these residents aware of what to expect.
- **Early plan review** and site review to identify and resolve any issues before they impact project cost or time. This would include utility conflicts that are and are not addressed in the plans.
- **Irrigation** - The plans call for the CEI firm to address irrigation encroachments with the residents. We will coordinate closely with the contractor to assure irrigation issues are addressed in time-frames appropriate to any impact on lawns and landscaping
- **Encroachments** - We will review all encroachments well in advance of the work and review these with the residents so that they have time to relocate any plants or other items, if desired.
- **Driveway access** - Driveway access must be maintained during roadwork, though short-term disruptions will occur and need to be coordinated with residents. Driveway reconstruction will cause overnight loss of access, so the contractor must provide alternate parking. We suggest the City specify in the contract a maximum 36-hour period that each driveway can be out of service.
- **Harmonizing** - Driveway tie-ins often have slope issues. Our initial field review identified a few areas of concern that need closer inspection. In the example to the right, See Figure 8 – Driveway Tie-In Issues, the driveway slopes towards the home causing potential drainage issues. When issues such as this are found, we'll review them with the City and residents and may request right-of-entry agreements to ensure acceptable tie-ins.
- **Off-site drainage** - Our initial field review identified a few possible locations where water that currently flows to the roadway from private property may be cut off. We will review these areas and propose mitigating swale or drainage work if needed.
- **Evaluation and careful monitoring** of pedestrian access, including any impact on school bus routes, will be critical.
- Ensure that any dewatering pumps are a silent type or adequately shielded to prevent noise issues for residents.
- Provide competent inspections to ensure that all elements of the work are installed to the plan and specification requirements.
- Ensure that project “housekeeping” and final restoration are acceptable for a residential neighborhood.
- Provide geotechnical expertise, if needed, to address any subgrade, subsoil, or other related concerns that may arise during the work.
- Tree preservation - We will review saving of native trees if the City desires. We will require the contractor to place safety fencing around the drip lines to prevent damage during construction.
- Vibration Monitoring – Due to the proximity to homes, we will discuss with the City the possibility of having AACE perform vibration monitoring to protect against claims. If vibration issues are evident, we will request that the contractor static roll for compaction.



Figure 8 – Driveway Tie-in Issues



- Pedestrian safety - t's crucial to separate pedestrian areas from the work zone and temporarily relocate any affected bus stops. We've identified 30 St. Lucie Public Schools bus stops that may be impacted. Floresta Elementary's "Safe Routes to School Program" encourages walking and biking, and our team is ready to assist with updated routes and maps to ensure student safety. We'll also work to keep the Treasure Coast Connector Bus System's Route #6 operational during construction.



APPROACH STEP 4B – APPLY DETAILED METHODOLOGY: CONSTRUCTION PLAN TO MEET GOALS

In order to meet the project goals, our team will perform the following:

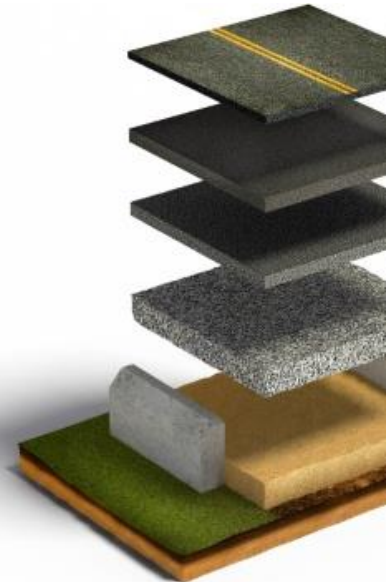
- Full plan and site review prior to the commencement of work activities to identify any issues of concern that will require resolution before they impact on cost or time.
- Assure advance review and resolution of encroachments and resident concerns; fully log the concerns, resolution and close-out of each item.
- Assure full photographic and video documentation of all existing site conditions and work progress.
- Provide competent, fully certified inspection and testing services to ensure that the project is carried out according to plan, specification, standards and permit requirements.
- Utilize real-time daily reports, updated daily with geo-spatial photographs, to accurately and fully document all work efforts and to protect against delay and claim requests.
- Provide CEI project management services that will document and provide assessments to protect against change orders, claims and unwarranted time extension requests.
- Fully review the project baseline schedule and progress schedule updates to ensure that the contractor has the needed logic and resources to stay on schedule; request adjustments to the contractor work plan as needed.
- Fully and accurately track all quantities to ensure that accurate payment is being made for the completed work.
- Fully communicate with the City and contractor on all aspects; hold regular progress meetings.
- Hold pre-activity meetings with the contractor to ensure that all necessary items, including shop drawings and permit requirements, will be adhered to in order to avoid unnecessary delays or rework.
- Utilize the geotechnical engineer as needed for any required expertise to ensure that any field conditions encountered do not threaten the function of the final product.
- Review any field changes with City staff to assure that they are in agreement with the proposed modifications and that the adjustments do not create any maintenance concerns.
- Request progress as-builts to confirm acceptability of work as the project proceeds so that additional time is not needed for reworking at the end of the project.
- Ensure that all needed testing is being performed and the tests are passed so that additional time is not needed for reworking at the end of the project.
- Ensure that accurate final as-builts are provided.



APPROACH STEP 4C – APPLY DETAILED METHODOLOGY: IDENTIFY CRITICAL PLAN AND FIELD REVIEW ITEMS

During the limited RFQ response window, we conducted a preliminary review of the plan set and site conditions, identifying the following items. If awarded the CEI contract, we will provide a more detailed review with further recommendations and solutions.

- **Black Base** - The plan specifies black base or asphalt base, but the bid tab allocates about 66% of base group 9 to conventional base rock, with Type B Stabilization. We recommend considering black base as a substitute for stabilized subgrade and base rock. This would help the project progress in wet conditions, avoiding weather delays, and reduce traffic impacts by allowing residents to use stabilized areas for parking and access to their homes.
- **Soils** - From past City projects in the Floresta area, we know that wet soils are challenging to work with and compact. C&T and AACE have a proven history of guiding contractors on soil mixing to create efficient backfill material. We will collaborate with the contractor to keep the project moving without delays.
- **Soil Cement** - From our past work in the City, including Floresta, we expect a soil-cement base under the roadway or side street tie-ins. On previous projects, contractors claimed extra cost and time for removing this base. We recommend adding a note to the plans stating soil-cement may be present and that no additional compensation will be given for its removal.



- **FPL Utility Conflicts** - There are 35 concrete power poles that need removal or relocation, including three critical ones that could impact drainage, utilities, or roadway components. This requires careful coordination to avoid delays and new conflicts. Some poles are new, installed as part of FPL's hardening work, and others may need multiple replacement poles. There are also several power drops to address. We have a strong relationship with FPL and their subcontractors and have already had informal discussions. Some poles may remain by adjusting sidewalk paths slightly.



Figure 9 – FPL Pole Sidewalk Conflict

- **Utility Concrete Caps** - From our past experience in the City, we expect concrete caps over utility crossings under the roadway. In previous projects, contractors sought extra cost and time for removing these caps. We recommend adding a note to the plans stating that concrete caps are likely present and their removal is included under “clearing & grubbing,” with no additional compensation.
- **Property Tie-in/Harmonization** - Based on our site review, it appears that 4:1 slopes may not be achievable in some areas unless additional temporary construction easements or eight-of – entry agreements are obtained. There may also be septic tanks or leaching fields in the slope



harmonization areas that will need to be addressed. We will need to address these issues prior to construction to avoid delays.

- **Bus Stops** - There are multiple school bus stops and City trolley stops along the route. These stops will need to be temporarily relocated or protected from construction during the work. We always make the safety of school children and the public a priority.
- **6"-Thick Sidewalk** - There are areas of 4"-thick sidewalk that we believe will be subjected to frequent traffic loads. We suggest constructing 6"-thick sidewalk at those locations. We propose to perform a review prior to sidewalk construction to identify the areas that should be 6" thick.
- **Existing Pipes and Structure** - There are existing pipe and structures not indicated on the plans that will need to be removed. We suggest that the plans or addendum require a site review by the contractor to avoid change orders for additional clearing & grubbing.
- **Concrete Armoring** - We have identified areas where concrete armoring of the pavement and pavement shoulders should be considered, including a specific example located at 1032 Floresa Drive. This area is particularly susceptible to erosion, heavy vehicular loads, and water runoff, which could lead to accelerated pavement deterioration. By implementing concrete armoring at this location (and others), we can enhance the durability and provide long-term protection against erosion, reducing the need for frequent repairs. Please refer to the attached photo for a visual representation of this specific area.



Figure 10 – Possible Concrete Armoring Location

Other Identified Issues:

- Based on the previous phases, it is anticipated that geofabric will be present in the existing asphalt and will need removal and disposal, along with the asphalt above the geofabric to avoid it from being mixed into subgrade. It should be noted by plan or addendum that this fabric may exist and its removal is included in clearing and grubbing.
- Pay Item 0108 1, Monitor Existing Structures, lacks guidance on areas needing vibration and settlement monitoring. We recommend adding a note or addendum requiring property surveys, settlement point readings for each structure, and clarifying that contractors must perform necessary vibration monitoring to protect themselves from claims
- The plans call for 1:3 maximum slopes from the sidewalk to property line. We will attempt to provide more maintainable 1:4 slopes wherever possible.
- Ditch bottom inlets at side street corners typically result in a depressed, deep swale area. We will check the grate elevations and raise if feasible. We may also add a section of pipe into the swale as we did on Phase 2, if needed, to achieve reduction in steep slopes at the street corner areas.
- The plans do not appear to show details for rip-rap layer around culvert end-walls, including geotextile anchoring. We also suggest placing rip rap to an elevation equal to the maximum anticipated ditch high water elevations.
- The majority of the drainage trunk line is designed to be under the northbound roadway in Phase 3. It will be important to have the contractor confirm layout to assure that those manholes do not end up in the vehicle wheel path. Any manholes that are located in the wheel path should be field adjusted whenever possible.



- There are specific areas where the elevation of the sidewalk vs. the adjacent property will pond water and sheet flow across the sidewalk if no yard drains or BOW inlets are installed. We will need to review whether yard drains are needed or if additional fill can be added to prevent ponding behind the sidewalk.
- There appear to be elevations not shown for the upper baffle in the baffle boxes. This information will need to be provided.
- Possible conflict with location of sidewalk and existing utility pole at Sta. 726+35Rt. It appears that the proposed 6' sidewalk may be in conflict with the existing and new power/ communication poles.
- Upon review, the plans do not address the existing signalization strain poles at Prima Vista Blvd. Based on the widening plans, the pole must be relocated to avoid conflict with the eastbound Prima Vista turn lane onto southbound Floresta Dr. The lighting plans show new mast arms for this intersection, but no additional notes or details were found.
- Existing drainage structure at Sta. 719+90Rt approximately 35' Rt of C/L. The structure is not shown in the plans and there is no note stating that it is to remain. The structure may be in conflict with the proposed sidewalk;
- Between Greenway Terr. and SE Calamoso Dr. the plans do not show any roadway drainage in front of the curb and gutter. Even though the roadway profile pitches to structures on the outside of the cross streets, this still seems like a long distance without a catch basin.
- Sta. 684+00Lt existing CMP pipe is shown being removed, but the pipe is outside a R.O.E shown in the plans, a new R.O.E. should be negotiated with the homeowner to enter the property and remove the pipe;
- Water main appears to be in conflict with the lighting along the west side of the roadway; this will need review and possible adjustment.
- Depending on the actual position of the mains, utility valves may fall within curb ramp areas. This will need further reviewed with PSLUSD so that adjustments can be made.
- Some deflections do not appear to provide adequate separation while it appears that certain called- out deflections may not be needed.
- There is no summary of quantities for rip-rap pay item;
- New pond on Harborview/Arton does not appear to have any clearing and grubbing or excavation in summary of quantities. It appears that the pond clearing acreage was not included in the bid tab. We are unable to confirm if performance turf is included. We suggest that this be reviewed by the designer and added by addendum, if needed.
- Decorative Stop Signs - It does not appear that the City Neighborhood topper signs have been included in the signing plans.
- Public Utility Contacts - The majority of the public utility contacts identified in the plan general notes are not correct. We will provide the correct utility contacts to the contractor.

APPROACH STEP 4D – APPLY DETAILED METHODOLOGY: IMPLEMENT TRACKING SYSTEMS

Our CEI team will measure success by implementing tracking systems for the following items:

- | | |
|-------------------|----------------------|
| • Pay Quantities, | • Contract Time, |
| • Shop Drawings, | • Schedule Progress, |
| • RFIs, | • Plan Changes. |
| • Extra Work, | |

Pay Quantities – Measurement based pay quantities will be tracked on a daily basis primarily utilizing auto-calculating spreadsheets. The spreadsheet entries will clearly indicate the station limits of the measured quantities to facilitate any need to re-check quantities with the contrac-



tor. For plan quantity items such as stabilized subgrade or base rock, we will record and calculate any field changes that will adjust the payable plan quantity. We typically use Bluebeam or other methods to calculate the field adjustments. For earthwork volume calculations, we can perform pre and post excavation topos to confirm quantities.

Shop Drawings – We will set-up a log for needed submittals so that we can remind the contractor of what is needed prior to starting various work activities. A submittal log will be kept to track the dates that submittals were received, sent to specialty reviewers, and returned to the contractor. We will use the log as a basis to remind the contractor of any outstanding items for the various work activities.

RFIs – A RFI log will be maintained to track RFIs received, “ball-in-court”, and final responses. Our goal is for rapid RFI turnaround to keep the project moving forward without delays. The log will also note if plan revisions are needed or if there are extra cost or time impacts.

Extra Work – The preference is to identify the extra work scope and negotiate a lump sum cost prior to performing extra work. However, sometimes this is not possible, or scope cannot be clearly identified, requiring work to be performed on T&M. We will track extra work by verification of time spent and materials used on a daily basis. The intent is to reach agreement between the contractor and CEI on a daily basis. The tracking sheets will then be put into a cost spreadsheet in the office to come up with the total costs of each T&M work item.

Contract Time - We typically use a FDOT type Calfile or similar spreadsheet to accurately track contract time. Additions to contract time will be accurately tracked based on the need to add weather days, holiday days or added days associated with extra work.

Schedule Progress – While the contractor’s CPM schedule is reviewed monthly, weekly assessments are crucial to ensure they stay on schedule. We’ll calculate target production rates for critical path activities from the CPM and compare them to actual progress. This allows us to identify delays before the monthly update and address concerns with the contractor, enabling timely adjustments to avoid falling behind.

Plan Changes – Many of the plan changes that will be required will not have formal plan revisions. This may include added driveway cuts, drainage structure adjustments, yard drain additions or deletions, tree relocations, etc. Typically, we mark-up the plans and send the Bluebeam mark-up to the contractor. As more changes are made, we revised the redline and send it to the contractor.



APPROACH STEP 4E – APPLY DETAILED METHODOLOGY: ENSURE SCHEDULE PERFORMANCE

We have avoided significant schedule delays for Floresta Phases 1 & 2. We estimate that these efforts have saved the projects schedule at least 180 days of critical path impacts. The following lists specific examples:

- The city added a change order for baffle box installations at the Kings Way waterway. This would have potentially delayed the schedule by several months. C&T reviewed the TCP and directed the contractors to adjust and implementing a partial shift to allow Phase 1 of the roadway construction to proceed prior to completion of the added change order work. This avoided several months of critical path delays.
- C&T proactively identified poles in conflict with critical path utility work and worked closely with PSLUSD to make strategic adjustments to water main and force main installations so that the critical utility work could proceed prior to the FPL pole relocations being completed. This saved several months in delay time.
- There have been numerous unforeseen utility conflicts during installation of drainage. These would have delayed the project if we waited for those utilities to be relocated. Instead we reviewed and made field adjustments to drainage alignments and inverts to keep the contractor working and the schedule progressing.
- C&T has made numerous redline plan adjustments to save time and associated costs that would have been related to designer-issued revisions. This avoided delays in standby time.



Our goal is to continue to keep the contractor on schedule. We intend to accomplish this by the following means:

- **Proactive Review** - Scheduling pre-work meetings before major activities allows us to anticipate and resolve problems early, avoiding schedule impacts or additional costs. We will closely track submittals and RFIs, expediting any outstanding items. Working with the EOR and contractor, we will protect the City's and Department's interests while ensuring efficient project progress. Our goal is to meet your budget and schedule expectations by minimizing delays from plan issues or unforeseen field conditions. A thorough review of right-of-way encroachments will be conducted to resolve issues with property owners before work begins, avoiding unnecessary delays.
- **CPM Schedule** - We will thoroughly review the schedule to assure that it is realistic and does not open opportunities for delay claims. We will ensure that the material lead times are realistic and that any needed shop drawing review times are included. Beyond this, we will make sure that the critical path is appropriate and that activities are not set up to maximize zero float activities that will result in delays. We will ensure that the schedule logic properly reflects the traffic control plans. We will closely review critical items, such as noise and vibration monitoring, to assure that delays do not occur. Our staff has experience in utilizing CPM schedules for claims analysis. Non-pursuit days will be carefully and methodically documented to protect against unnecessary time extensions. Weather days will also be evaluated to ensure controlling items are actually impacted more than 50% of the day, if a weather day is to be granted.



- **Schedule Updates** - We will require and carefully review monthly schedule updates to assure that they are accurately progressed and to assure that unauthorized logic changes have not been made. We have the ability to utilize Primavera software, including Claim Digger, to identify any unauthorized logic changes or other schedule changes that will position the contractor for claims or time extensions.
- **Utility Relocations** - We fully recognize that schedule will be dependent on successful relocation of any utilities that are in conflict. This applies to PSLUSD utilities, as well as other public utilities. We will review the utility relocation matrix and add any other utility conflicts that have been discovered by our preconstruction site review. These items will be reviewed with the contractor and utility representative at each progress meeting and utility coordination meeting. Our experience with PSLUSD and existing working relationships with FPL, AT&T and Comcast will help to expedite needed relocations and avoid delays. We will work with the contractor to resequence any work that is impacted by utility conflicts so that delays are averted while relocations are pending.
- **Survey and Field Modification Ability** - Oftentimes, unforeseen utilities or design issues cause delays to the work. We have proven on past projects that we can keep a project moving forward and on schedule by performing surveys with our on-site inspection personnel and preparing field plan modifications “on the fly” to avoid costly delays. Many consultants are not willing to take this risk. We are willing to take that risk for the City and have done so, successfully, on many previous occasions.
- **Pre-activity Meetings** - We will hold pre-activity meetings ahead of planned work activities to review the requirements and specifications with the contractor, review permit requirements, and to ensure that all needed shop drawings have been submitted and approved. This will eliminate the need to halt work because certain elements are not in place.
- **Weather Days and Time Extensions** - We will accurately document impacts of inclement weather and recommend time extensions only if there have been genuine impacts to critical path activities that affect the overall project completion date. Similarly, we will closely review any time extension requests to assure that they are supported by the approved CPM schedule. Our objective is to maintain leverage on the contractor and add time only if it is legitimately merited.
- **Non-pursuit Days** - We will document any contractor non-pursuit days so that those days can be used as a basis for negotiation against any bad-weather days or requested time extensions.
- **Staging** - We are prepared to assist the contractor in identifying staging areas in close proximity to the work area that will help to make the work more efficient and expedite the schedule more efficiently. We have identified some potential locations and would review this with the City and contractor prior to commencement of construction works.
- **Black Base** - The plans call for utilizing black base in about 34% of the project in lieu of base rock. We will review with the contractor the benefits of utilizing black base in lieu of stabilized subgrade as well. This will greatly “speed up” the work, especially during the wet season. The added cost for black base in lieu of stabilized subgrade may be offset by the reduced reworking and time savings that will be achieved. If the contractor insists on using stabilized subgrade, we will recommend that only additives that are not moisture sensitive be used, such as base rock and not clayey soils.
- **Soils Conditions** - From past City projects in the area, we understand that the soil will be difficult to work and achieve desired density when wet. C&T and AACE have a proven track record of working with contractors and providing guidance on mixing of soils to achieve backfill material that can be worked and compacted efficiently. We will work with the contractor in this regard to help work move forward without avoidable delays.

By addressing the above items, we will be able to keep the work on schedule despite any unforeseen issues that may arise.



APPROACH STEP 4F – APPLY DETAILED METHODOLOGY: PROVIDE VALUE ADDED SERVICES

At C&T, we take pride in offering “value-added” services to the City at no extra cost. Unlike regionally focused firms, we don’t treat City work as “fill-in” projects; we see the City as a trusted partner. We are committed to delivering the best services and value. Here’s a brief summary of how we achieve this:

- **Survey and Field Modification Ability** - Unforeseen utilities or design issues often cause delays. We’ve proven on past projects that we can keep work on schedule by having our on-site inspectors perform surveys and make “on-the-fly” field plan modifications to prevent costly delays. While many consultants avoid this risk, we’ve successfully taken it on multiple City projects.
- **Density Testing by Inspection Staff** - If the City prefers, our inspection staff can handle field density testing for utility, drainage, and earthwork operations, while our testing subconsultant focuses on lab tests such as Proctor compaction, LBRs, asphalt, and concrete cylinder breaks. We used this model on the Kings-Indrio Improvements project, a full FDOT materials certification project.
- **Records and Communication** - We can share records with the City daily, if desired. Our site inspector will upload daily field reports and photos with coordinates. We can also provide access to other files, such as progress meeting summaries.
- **Flexibility of Staff** - As a local firm with ongoing projects in the area, we have the flexibility to adjust our schedule in alignment with the contractor's needs. During periods when demand for our input is low, we efficiently reassign personnel to other nearby projects, reducing costs and stretching the budget. Additionally, our CEI staff is cross-trained in several complementary disciplines, including surveying, drone operations, and environmental monitoring. This cross-training allows us to deploy our team in versatile roles, further enhancing our ability to provide comprehensive support while maintaining cost-efficiency and high productivity across all projects.
- **Value Engineering/Cost Savings** - C&T’s proactive approach to CEI services has consistently saved the City and its residents money. For every project, we perform detailed pre-project inspections to ensure the design assumptions in the plans are accurate and constructible. If we identify concerns, we report them to the City’s Project Manager with recommendations.

Value Added During Floresta Phase 1 and 2

We estimate that we have been able to provide value added services during Floresta Phase 1 and 2 that resulted in \$150,000 in savings thus far to the City, including the following:

- We assisted with field staking of sidewalks around the lake to preserve as many of the City trees as possible;
- C&T provided redesign of utilities plan due to unforeseen conflicts to keep the project on schedule and minimize additional costs;
- C&T provided plan markups for horseshoe driveway that the City wanted to add;
- C&T provided field changes for a retaining wall system to save existing oak trees at the southwest corner of Port St. Lucie Blvd and Floresta;
- C&T provided a field redesign of the drainage system on Chapman Avenue saving PSLUSD significant costs that would have been incurred to relocate the existing forcemain;
- C&T provided various drainage revisions to eliminate utility deflections saving time and PSLUSD budget;
- C&T provided strategic progress photographs using our FAA-licensed UAV pilots/inspectors; and
- C&T provided assistance to the contractor in the field to confirm installations that were affected by a design survey line shift.



Tab 4

**Certified Minority
Business Enterprise**



The Women’s Business Enterprise National Council (WBENC) is the largest independent certifier of women-owned businesses in the U.S. and a leading advocate for women business owners and entrepreneurs. WBENC Certification validates that a business is at least 51 percent owned, controlled, operated and managed by a woman or women. WBENC’s certification standard is accepted by more than 1,000 States, Cities, Government Entities and corporations.

C&T is a small business enterprise and recognized by SAM.gov as such (System Award Management for the Federal Government).

C&T is woman owned since 2010 and is in the process of obtaining Office of Supplier Diversity Certification from the Department of Management Services as required by Chapter 287.0943 and 295.187.

https://www.dms.myflorida.com/agency_administration/office_of_supplier_diversity_osd/get_certified

WBENC
WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

Culpepper & Terpening, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: October 9, 2023
Expiration Date: October 9, 2024
WBENC National Certification Number: WBE2302858

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council Florida, a WBENC Regional Partner Organization.

Nancy Allen

Authorized by Nancy Allen, President & CEO
Women's Business Enterprise Council Florida

WBENC FLORIDA
WOMEN'S BUSINESS ENTERPRISE COUNCIL

NAICS: 541330
UNSPSC: 81101500

Center for Women & Enterprise
Great Lakes Women's Business Council
GREATER WOMEN'S BUSINESS COUNCIL
WOMEN'S BUSINESS ENTERPRISE COUNCIL OF TEXAS
WBENC METRONY
WBENC GREATER DFW
WBEA
WBENC EAST
WBENC ORV
WBENC PACIFIC
WOMEN'S BUSINESS DEVELOPMENT CENTER
WBENC SOUTH
WBENC WEST



Tab 5

**Additional Required
Proposal Submittal Forms**



Tab 5A Consultant’s General Information Work Sheet

**CONSULTANT’S GENERAL INFORMATION WORK SHEET
 E-RFP #20240172**

It is understood and agreed that the following information is to be used by the City to determine the qualifications of prospective Consultant to perform the work required. The Consultant waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Consultant.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Engineer, Surety, bank, material or equipment manufacturer, or distributor, or any person, firm or corporation to furnish the City any pertinent information requested by the City deemed necessary to verify the information on this questionnaire.

Dated at Fort Pierce, this 22 day of October 2024
 (Location)

Name of Organization/Consultant: Culpepper & Terpening, Inc

By: Stefan K. Matthes, PE
 Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Corporation

2. Firm's name and main office address, telephone, and fax numbers

Name: Culpepper & Terpening, Inc
Address: 2980 S 25th St
Fort Pierce, FL 34981
Telephone Number: 772-464-3537
Fax Number: 772-464-9464

3. Contact person: Stefan K. Matthes, PE Email: smatthes@ct-eng.com

4. Firm's previous names (if any). N/A

5. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
Addendum 1	9/16/2024	Addendum 7	10/16/2024
Addendum 2	9/16/2024	Addendum 8	10/17/2024
Addendum 3	10/8/2024		
Addendum 4	10/8/2024		
Addendum 5	10/8/2024		
Addendum 6	10/16/2024		

6. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:



None

(N/A is not an acceptable answer - insert lines if needed)

7. List any judgments from lawsuits in the last five (5) years:
None

(N/A is not an acceptable answer - insert lines if needed)

8. List any criminal violations and/or convictions of the Proposer and/or any of its principals:
None

(N/A is not an acceptable answer - insert lines if needed)

Signature

Sr. Vice President

Title



Tab 5B Cone of Silence Form



NOTICE TO ALL PROPOSERS:

To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms, and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The "Cone of Silence" is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the City of Port St. Lucie Ordinance 20-15, Section 35.13. Contact with anyone other than the Issuing Officer may result in the vendor being disqualified. All contact must be coordinated through India Barr, Issuing Officer, for the procurement of these services.

All questions regarding this Solicitation are to be submitted in writing to Nadia Tourjee, Procurement Agent I with the Procurement Management Department via e-mail ibarr@cityofpsl.com, or by phone 772-344-4055 Please reference the Solicitation number on all correspondence to the City.

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

**NOTE: All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the DemandStar's Website for retrieval. All notice of intent to award documentation will be published on the City Clerk's Website. Proposers are solely responsible for frequently checking these websites for updates to this solicitation.*

I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance .

Typed Name: Stefan K. Matthes, PE
Signed:
Company and Job Title: Culpepper & Terpening, Inc., Sr. Vice President
Date: 10/22/2024



Tab 5C Consultant's Code of Ethics



"A City for All Ages"

E-RFP #20240154 CONTRACTOR'S CODE OF ETHICS


The City of Port St Lucie ("City), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards, and enjoys the complete confidence of the public. To achieve these purposes, Procurement Management Department requires each vendor who seeks to do business with the City to subscribe to this Contractor's Code of Ethics.

- ◆ A Contractor's bid or proposal will be competitive, consistent, and appropriate to the bid documents.
- ◆ A Contractor will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a bid or proposal.
- ◆ Contractor will not disclose the terms of its bids or proposal, directly or indirectly, to any other competing Vendor prior to the bid or proposal closing date.
- ◆ Contractor will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Contractor will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Contractor will not offer or give any gift, item, or service of value, directly or indirectly, to a City employee, City official, employee family member or other vendor contracted by the City.
- ◆ Contractor will not cause, influence, or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- ◆ Contractor will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- ◆ Contractor must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Contractor must require their suppliers



(including temporary labor agencies) to do the same. Contractor must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling, and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment, and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer Culpepper & Terpening, Inc.
Signature 
Printed Name and Title Stefan K. Matthes, PE, Sr. Vice President

Date 10/22/2024

DISCLAIMER: This Code of Ethics is intended as a reference and procedural guide to contractors. The information it contains should not be interpreted to supersede any law or regulation, nor does it supersede the applicable contractor contract. In the case of any discrepancies between it and the law, regulation(s) and/or contractor contract, the law, regulatory provision(s) and/or vendor contract shall prevail.



Tab 5D E-Verify Form



"A City for All Ages"

E-Verify Form

Supplier/Consultant acknowledges and agrees to the following:

1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
3. The Contractor hereby represents that it is in compliance with the requirements of Sections 448.09 and 448.095, Florida Statutes. The Contractor further represents that it will remain in compliance with the requirements of Sections 448.09 and 448.095 Florida Statutes, during the term of this contract and all attributed renewals.
4. The Contractor hereby warrants that it has not had a contract terminated by a public employer for violating Section 448.095, Florida Statutes, within the year preceding the effective date of this contract. If the Contractor has a contract terminated by a public employer for any such violation during the term of this contract, it must provide immediate notice thereof to the City.

E-Verify Company Identification Number 1633788

Date of Authorization 1/26/2021

Name of Contractor Culpepper & Terpening, Inc.

Name of Project Floresta Drive Phase 3 CEI and Geotechnical Services

Solicitation Number (If Applicable) 20240172

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on October, 16, 20 24 in Fort Pierce (city), Florida (state).


 Signature of Authorized Officer

Stefan K. Matthes, PE, Sr. Vice President

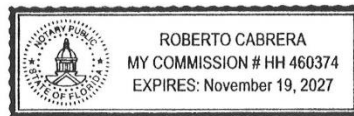
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 16th DAY OF October, 20 24.

NOTARY PUBLIC 

My Commission Expires: 11-19-27





Tab 5E Non-Collusion Affidavit



"A City for All Ages"

NON-COLLUSION AFFIDAVIT
E-RFP #20240154

State of Florida }

County of St. Lucie }

Stefan K. Matthes, PE, being first duly sworn, disposes and says that:
(Name/s)

1. They are Sr. Vice President of Culpepper & Terpening, Inc. the Proposer that
(Title) (Name of Company)

has submitted the attached PROPOSAL;

2. He is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such PROPOSAL;

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

4. 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 contract for which the attached proposal has been submitted or to refrain from proposing in connection with such 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 of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Port St. Lucie or any person interested in the proposed Contract; and

5. 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.

(Signed) [Signature]
(Title) Sr. Vice President



"A City for All Ages"


STATE OF FLORIDA }
COUNTY OF ST. LUCIE } SS:

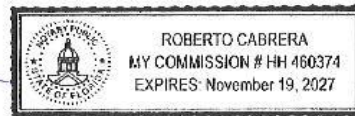
The foregoing instrument was acknowledged before me this (Date) October 16, 2024

by: Stefan K. Matthes, PE who is personally known to me ~~or who has produced~~
~~-----~~ as identification and ~~who did (did not) take an oath.~~

Commission No. HH 460374

Notary Print: Roberto Cabrera

Notary Signature: 





Tab 5F Drug-Free Workplace Form



"A City for All Ages"

DRUG-FREE WORKPLACE FORM
E-RFP #20240154

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

Culpepper & Terpening, Inc. _____ does:
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 Florida Statutes or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Contractor's Signature

10/22/2024

Date



Tab 5G Vendor Certification Regarding Scrutinized Companies Form

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name: Culpepper & Terpening, Inc.
Vendor FEIN: 59-2606420
Authorized Representative's Name: Stefan K. Matthes, PE
Authorized Representative's Title: Sr. Vice President
Address: 2980 S. 25th Street
City, State and Zip Code: Fort Pierce, Florida 34981
Phone Number: 772-464-3537
Email Address: smatthes@ct-eng.com

Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link: <https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature

Stefan K. Matthes

Print Name

Signature



Tab 5H Truth in Negotiation Form

TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §
COUNTY OF ST. LUCIE §

Before me, the undersigned authority, personally appeared affiant Stefan K. Matthes, PE who being first duly sworn, deposes and says:

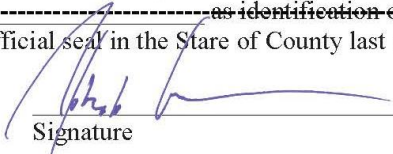
1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.
2. That the undersigned firm is a corporation which engages in furnishing professional engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as Professional Design Services for a New Emergency Generator at Building B, Contract #20230108.
3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.
4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.
5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

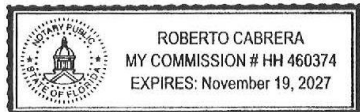
FURTHER AFFIANT SAYETH NAUGHT

Culpepper & Terpening, Inc.
Name of Firm

Stefan K. Matthes, PE
By: President

The foregoing instrument was acknowledged before me by **Stefan K. Matthes, PE** who has produced _____ as identification or is personally known to me. WITNESS my hand and official seal in the State of County last aforesaid this **16th** day of **October**, 20**24**.
(SEAL)


Signature



Roberto Cabrera
Notary Name (typed or printed)

Title or Rank



Tab 5I Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion

CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

The Contractor certifies that, the firm or any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of federal funds:

(a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR s29.110(a), by any federal department or agency;

(b) have not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or public contract; violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property

(c) are not presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) have not within a three-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.

The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Florida Department of Transportation."

Company Name: Culpepper & Terpening, Inc.

Authorized By:  Stefan K. Matthes, PE
(Sign) (Print Name)

Title: Sr. Vice President Date: 10/16/2024

****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.**



CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

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Company Name: Ardaman & Associates, Inc.

Authorized By:  Jason M. Parker, P.E.
(Sign) (Print Name)

Title: Vice President Date: 10/16/2024

****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.**



CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

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(c) are not presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

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The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Florida Department of Transportation."

Company Name: Johnson, Mirmiran & Thompson, Inc.

Authorized By:  Sergio Quevedo, PE, PTOE, RSP1
(Sign) (Print Name)

Title: Senior Vice President Date: 10/17/2024

****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.**



CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary
Exclusion--Primary Covered Transactions**

The Contractor certifies that, the firm or any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of federal funds:

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(c) are not presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

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The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Florida Department of Transportation."

Company Name: Andersen Andre Consulting Engineers, Inc.

Authorized By: David P. Andre,
P.E. Digitally signed by David P. Andre, P.E. Date: 2024.10.17 09:27:56 -0400* David P. Andre
(Sign) (Print Name)

Title: Principal Date: 10/17/24

****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.**



CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

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(c) are not presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) have not within a three-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.

The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Florida Department of Transportation."

Company Name: Hobe Sound Environmental Consultants, Inc.

Authorized By:  Robert L. Wright
(Sign) (Print Name)

Title: President Date: 16 October 2024

****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.**



CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

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(a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR s29.110(a), by any federal department or agency;

(b) have not within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or public contract; violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property

(c) are not presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph (b) of this certification; and

(d) have not within a three-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.

The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Florida Department of Transportation."

Company Name: Cotleur & Hearing

Authorized By:  Aaron Wilbur
(Sign) (Print Name)

Title: Partner Date: 10/18/2024

*****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.***



CITY OF PORT ST. LUCIE, FLORIDA
eRFP No. #20240172
PROJECT TITLE: CEI Floresta Phase III

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

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The Contractor certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the Florida Department of Transportation."

Company Name: Masuen Consulting, LLC

Authorized By:  Mitchel A. Walker
(Sign) (Print Name)

Title: C.E.O. Date: 10-17-24

****All subcontractors are required to submit this form with the prime contractor's proposal** This is a mandatory document. No exceptions will be made.**



Tab 5J Certification Regarding Lobbying

CITY OF PORT ST. LUCIE, FLORIDA
eBID No. # 20240172
PROJECT TITLE: CEI Floresta Phase III

CERTIFICATION REGARDING LOBBYING

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- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
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[Note: Pursuant to 31 U.S.C. 1352 (1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure]

The Contractor, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, *et seq.*, apply to this certification and disclosure, if any.

Company Name: Culpepper & Terpening, Inc.

Authorized By:  Stefan K. Matthes, PE
(Sign) (Print Name)

Title: Sr. Vice President Date: 10/16/2024

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CITY OF PORT ST. LUCIE, FLORIDA
eBID No. # 20240172
PROJECT TITLE: CEI Floresta Phase III

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Company Name: Johnson, Mirmiran & Thompson, Inc.

Authorized By:  Sergio Quevedo, PE, PTOE, RSP1
(Sign) (Print Name)

Title: Senior Vice President Date: 10/16/2024

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Company Name: Ardaman & Associates, Inc.

Authorized By:  Jason M. Parker, P.E.
(Sign) (Print Name)

Title: Vice President Date: 10/16/2024

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Company Name: Andersen Andre Consulting Engineers, Inc.

Authorized By: David P. Andre, P.E. Digitally signed by David P. Andre, P.E.
Date: 2024.10.16 12:45:56 -04'00' David P. Andre
(Sign) (Print Name)

Title: Principal Date: 10/16/24

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Company Name: Hobe Sound Environmental Consultants, Inc.

Authorized By:  Robert L Weigt
(Sign) (Print Name)

Title: President Date: 16 October 2024

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Company Name: Masuen Consulting, LLC

Authorized By:  Mitchel A. Walker
(Sign) (Print Name)

Title: C.E.O. Date: 10-17-24

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Company Name: Cotleur & Hearing

Authorized By:  Aaron Wilbur
(Sign) (Print Name)

Title: Partner Date: 10/18/2024

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Tab 5K W-9 Form

Form W-9 (Rev. March 2024) 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.
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Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) <p style="text-align: center; font-size: 1.2em;">Culpepper & Terpening, Inc.</p>	
	2 Business name/disregarded entity name, if different from above.	
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input checked="" type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions)	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions. <input type="checkbox"/>	
	5 Address (number, street, and apt. or suite no.). See instructions. 2980 South 25th Street	Requester's name and address (optional)
	6 City, state, and ZIP code Fort Pierce, FL 34981	
	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 *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number										
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5	9	-	2	6	0	6	4	2	0	

Part II Certification

Under penalties of perjury, I certify that:

- 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
- 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
- I am a U.S. citizen or other U.S. person (defined below); and
- 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 	Date 06/27/24
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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.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they