

CREECH

ENGINEERS INC.
CIVILIZATION ENGINEERED

Melbourne • Port St. Lucie • Stuart • Tallahassee

Tallahassee Office

418 East Virginia Street, Tallahassee, Florida 32301
(850) 841-1705 Fax (850) 841-1706
www.creechinc.com

LETTER OF TRANSMITTAL

To:	Leon County BOCC
Address:	1800-3 Blair Stone Road Tallahassee, Florida 32301
Phone:	(850) 606-5302

Date:	March 17, 2011
Project:	Leon County Civil Engineering
Project No.	11017.00 (BC-03-17-11-25)

- We Are Sending You:
- | | | | | | | |
|--------------------------|---|-------------------------------------|-----------------------|-----|-------------------------------------|-----------------|
| <input type="checkbox"/> | Sketches | <input type="checkbox"/> | Mylars | BY: | <input type="checkbox"/> | Pick Up |
| <input type="checkbox"/> | Plans | <input type="checkbox"/> | Reports | | <input type="checkbox"/> | Mail |
| <input type="checkbox"/> | Shop Drawings | <input type="checkbox"/> | Specifications | | <input checked="" type="checkbox"/> | Messenger |
| <input type="checkbox"/> | Prints | <input type="checkbox"/> | Calculations | | <input type="checkbox"/> | Priority Mail |
| <input type="checkbox"/> | Compact Disk with
End User Agreement | <input checked="" type="checkbox"/> | Other/described below | | <input type="checkbox"/> | Federal Express |

No.	Sheet No.	Date	Description
		3/17/11	Leon County Civil Engineering Services, CS Submittal

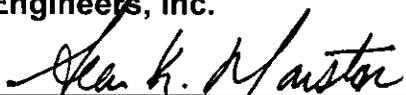
Remarks: _____

Transmitted:

- At Your Request
 For Your Information & Use
 For Signature
 For Your Comments
 For Distribution
 Return For Changes
 For Bids Due
 Under Separate Cover

Creech Engineers, Inc.

Signed



Sean Marston, P.E.
Vice President and Branch Manager
smarston@creechinc.com

copy: File

Melbourne Office • (321) 255-5434 • Fax (321) 255-7751
Port St. Lucie Office • (772) 249-0733 • Fax (772) 220-7881
Stuart Office • (772) 283-1413 • Fax (772) 220-7881

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply
Proposal Number: BC-03-17-11-25
Opening Date: Thursday, March 17, 2011 at 2:00 PM

PROPOSAL RESPONSE COVER SHEET

THIS PAGE IS TO BE COMPLETED AND INCLUDED AS THE COVER SHEET FOR YOUR RESPONSE TO THE REQUEST FOR PROPOSALS.

The Board of County Commissioners, Leon County, reserves the right to accept or reject any and/or all bids in the best interest of Leon County.

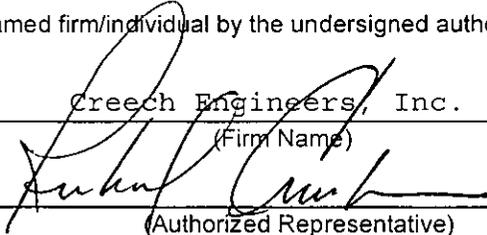
Keith M. Roberts, Purchasing Director

John Dailey, Chairman
Leon County Board of County Commissioners

This bid response is submitted by the below named firm/individual by the undersigned authorized representative.

BY

Creech Engineers, Inc.
(Firm Name)


(Authorized Representative)

Richard T. Creech, President
(Printed or Typed Name)

ADDRESS

418 East Virginia Street

CITY, STATE, ZIP

Tallahassee, FL 32301

TELEPHONE

850-841-1705

FAX

850-841-1706

ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)

Addendum #1 dated 3/3/2011 Initials rtc

Addendum #3 dated _____ Initials _____

Addendum #2 dated 3/8/2011 Initials rtc

Addendum #4 dated _____ Initials _____

PLEASE MARK WHICH CATEGORIES FOR WHICH YOU WISH TO BE CONSIDERED:

- | | |
|--|--|
| <input checked="" type="checkbox"/> a. Stormwater Engineering | <input type="checkbox"/> h. Surveying |
| <input checked="" type="checkbox"/> b. Roadway Design | <input type="checkbox"/> i. Subdivision and Site Development Engineering |
| <input type="checkbox"/> c. Traffic and Intersection Engineering | <input checked="" type="checkbox"/> j. Parks and Recreational Facility Engineering |
| <input type="checkbox"/> d. Structural Engineering | <input checked="" type="checkbox"/> k. Utility Engineering |
| <input type="checkbox"/> e. Geotechnical Services | |
| <input type="checkbox"/> f. Environmental Support Services | |
| <input type="checkbox"/> g. Construction Engineering and Inspection Services | |



Leon County Board of County Commissioners

CIVIL ENGINEERING SERVICES CONTINUING SUPPLY

BC-03-17-11-25

Presented by:

CREECH
ENGINEERS INC.
CIVILIZATION ENGINEERED

Tallahassee Office
418 East Virginia Avenue
Tallahassee, Florida 32301
772-283-1413, Fax: 850-841-1706
www.creechinc.com

GENERAL INFORMATION APPLICABLE TO ALL WORK CATEGORIES

TABLE OF CONTENTS

- A. Contractor Information
- B. Executive Summary
- C. Required Forms

Firm Name & Address:

Creech Engineers, Inc.
418 East Virginia Street, Tallahassee, Florida 32301

Office Location:

Tallahassee, Leon County

Telephone Number:

850-841-1705

Contact:

Sean Marston, P.E.
Vice President, Tallahassee Branch Manager

Email Address:

smarston@creechinc.com



418 East Virginia Street
Tallahassee, Florida 32301
Phone: (850) 841-1705, Fax: (850) 841-1706

March 17, 2011
11017.00

Leon County Board of County Commissioners
Purchasing Division
1800-3 Blair Stone Road
Tallahassee, Florida 32301

**RE: CIVIL ENGINEERING SERVICES, CONTINUING SUPPLY
Response for Proposal for Professional Services**

Ladies and Gentlemen:

Creech Engineers, Inc. is pleased to have this opportunity to provide Leon County with our extensive qualifications in relation to your request for professional civil engineering services. Our objective is to offer the best combination of resources to Leon County by providing a professional team that has:

- **Proven superior planning capabilities** – each staff member has successfully completed multiple stormwater, roadway, redevelopment, CRA, retrofit, and/or long term planning projects;
- **Proven expert design and permitting capabilities** – each staff member has successfully designed and permitted dozens of projects similar to those that may be requested;
- **Adaptability** – there is only one constant: *change*. By acknowledging this and being prepared to “switch gears” at any given moment, projects continue on time and on budget;
- **Enthusiasm** – each staff member *enjoys* working on these types of projects; projects that improve their hometown. Each will go the extra mile to ensure project success; and
- **Superior Service** – Creech Engineers, Inc. superior service is confirmed by maintaining continuing services for the same clients for over 20 years. These clients range from municipalities and State agencies to Fortune 500 companies.

Creech Engineers, Inc. was established in 1988 and services the State of Florida with four branch offices and one corporate office. Our **Tallahassee** office will provide civil engineering project management services including consulting, planning, design and permitting, public involvement, evaluation and reviews, grant writing, and other services as requested.

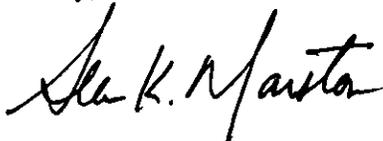
Creech Engineers, Inc. believes that development of a sound approach and methodology are of paramount importance for completion of a project in a timely and cost effective manner. Our team's approach to any project, regardless of the size and the nature, is to take pride and personal interest in the assignment to provide a quality product to our clients.

Creech Engineers, Inc. is confident our staff can assist Leon County with all of their needs. Our combined experience and expertise ensures our capability to anticipate, address, and resolve problematic project issues, and to provide evaluation, planning, and complete design capabilities, resulting in projects on schedule and on budget. As your single point of contact, we will provide an open line of communication between Leon County and all of the Creech Team.

Creech Engineers, Inc discloses that there is no potential conflict of interest due to any other clients, contract or property interests for this project. Also no member of our firm ownership, management or staff has a vested interest in any aspect of or Department of Leon County.

It is our intent that you will find the enclosed information brief but comprehensive in conveying our professional abilities, enthusiasm, and previous experience. We look forward to the next step in the selection process. Please feel free to contact me at our Tallahassee office at (850) 841-1705 or Richard T. Creech, P.E., P.S.M, President and Principal-in-Charge.

Sincerely,



Sean K. Marston, P.E.
Vice President, Branch Manager
Creech Engineers, Inc.
smarston@creechinc.com

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply
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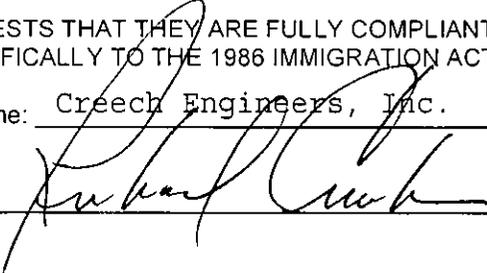
**AFFIDAVIT CERTIFICATION
IMMIGRATION LAWS**

Leon County will not intentionally award County contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324 A(e) (Section 274a(e) of the Immigration and Nationality Act ("INA").

Leon County may consider the employment by any Contractor of Unauthorized Aliens a violation of Section 274A(e) of the INA. **Such violation by the Recipient of the employment provision contained in Section 274A(e) of the INA shall be ground for unilateral cancellation of the contract by Leon County.**

BIDDER ATTESTS THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

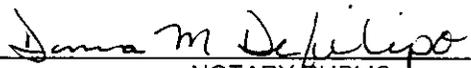
Company Name: Creech Engineers, Inc.

Signature:  Title: President

STATE OF Florida
COUNTY OF Martin

Sworn to and subscribed before me this 16 day of March, 2011.

Personally known


NOTARY PUBLIC

OR Produced identification _____

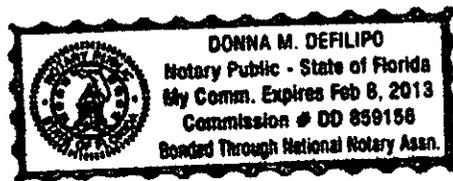
Notary Public - State of Florida

(Type of identification)

My commission expires: 2/8/2013
Donna M DeFilipo
Printed, typed, or stamped
commissioned name of notary public

The signee of this Affidavit guarantees, as evidenced by the sworn affidavit required herein, the truth and accuracy of this affidavit to interrogatories hereinafter made.

**LEON COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION,
AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.**

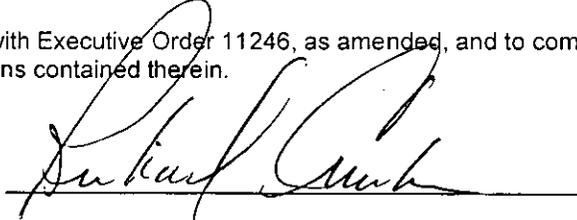


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EQUAL OPPORTUNITY/AFFIRMATIVE ACTION STATEMENT

1. The contractors and all subcontractors hereby agree to a commitment to the principles and practices of equal opportunity in employment and to comply with the letter and spirit of federal, state, and local laws and regulations prohibiting discrimination based on race, color, religion, national region, sex, age, handicap, marital status, and political affiliation or belief.
2. The contractor agrees to comply with Executive Order 11246, as amended, and to comply with specific affirmative action obligations contained therein.

Signed:



Title:

President

Firm:

Creech Engineers, Inc.

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INSURANCE CERTIFICATION FORM

To indicate that Bidder/Respondent understands and is able to comply with the required insurance, as stated in the bid/RFP document, Bidder/Respondent shall submit this insurances sign-off form, signed by the company Risk Manager or authorized manager with risk authority.

A. Is/are the insurer(s) to be used for all required insurance (except Workers' Compensation) listed by Best with a rating of no less than A:VII?

YES NO

Commercial General Liability:	Indicate Best Rating: Indicate Best Financial Classification:	<u>B</u> _____
Business Auto:	Indicate Best Rating: Indicate Best Financial Classification:	<u>A</u> _____
Professional Liability: XL Specialty Ins Co	Indicate Best Rating: Indicate Best Financial Classification:	<u>A</u> <u>XV</u>

1. Is the insurer to be used for Workers' Compensation insurance listed by Best with a rating of no less than A:VII?

YES NO

Indicate Best Rating: A
 Indicate Best Financial Classification: _____

If answer is NO, provide name and address of insurer:

2. Is the Respondent able to obtain insurance in the following limits (next page) for this professional services agreement?

YES NO

Insurance will be placed with Florida admitted insurers unless otherwise accepted by Leon County. Insurers will have A.M. Best ratings of no less than A:VII unless otherwise accepted by Leon County.

Required Coverage and Limits

The required types and limits of coverage for this bid/request for proposals are contained within the solicitation package. Be sure to carefully review and ascertain that bidder/proposer either has coverage or will place coverage at these or higher levels.

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Required Policy Endorsements and Documentation

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Leon County, Florida, its Officers, employees and volunteers) -
General Liability & Automobile Liability

Primary and not contributing coverage-
General Liability & Automobile Liability

Waiver of Subrogation (Leon County, Florida, its officers, employees and volunteers)- General
Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability,
Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

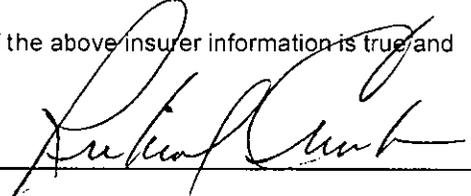
Please mark the appropriate box:

Coverage is in place

Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all of the above insurer information is true and correct.

Name Richard T. Creech
Typed or Printed

Signature 

Date March 16, 2011

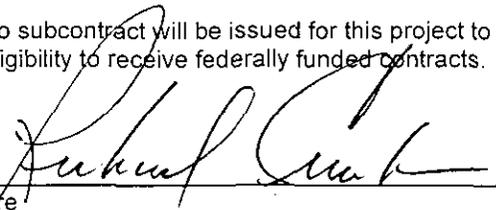
Title President
(Company Risk Manager or Manager with Risk

Authority)

RFP Title: Request for Proposals for Civil Engineering Services, Continuing Supply
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**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
And OTHER RESPONSIBILITY MATTERS
PRIMARY COVERED TRANSACTIONS**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b) Have not within a three-year period preceding this been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; 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 governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph (1)(b) of this certification; and
 - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
3. No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.



Signature

President

Title

Creech Engineers, Inc.

Contractor/Firm

418 East Virginia Street, Tallahassee, FL 32301
Address

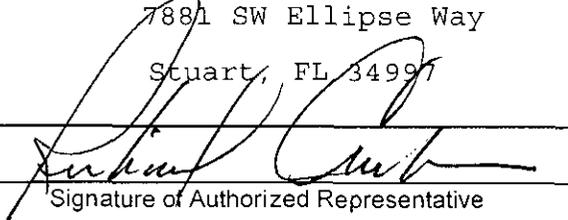
LOCAL VENDOR CERTIFICATION

The undersigned, as a duly authorized representative of the vendor listed herein, certifies to the best of his/her knowledge and belief, that the vendor meets the definition of a "Local Business." For purposes of this section, "local business" shall mean a business which:

- a) Has had a fixed office or distribution point located in and having a street address within Leon, Gadsden, Wakulla, or Jefferson County for at least six (6) months immediately prior to the issuance of the request for competitive bids or request for proposals by the County; and
- b) Holds any business license required by Leon County (or one of the other local counties), and, if applicable, the City of Tallahassee; and
- c) Is the principal offeror who is a single offeror; a business which is the prime contractor and not a subcontractor; or a partner or joint venturer submitting an offer in conjunction with other businesses.

Please complete the following in support of the self-certification and submit copies of your County and City business licenses. Failure to provide the information requested will result in denial of certification as a local business.

Business Name: Creech Engineers, Inc.	
Current Local Address: 418 East Virginia Street Tallahassee, FL 32301	Phone: 850-841-1705 Fax: 850-841-1706
If the above address has been for less than six months, please provide the prior address.	
Length of time at this address:	
Home Office Address: 7881 SW Ellipse Way Stuart, FL 34997	Phone: 772-283-1413 Fax: 772-220-7881


Signature of Authorized Representative

March 16, 2011
Date

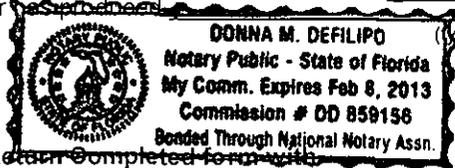
STATE OF Florida
COUNTY OF Martin

The foregoing instrument was acknowledged before me this 16 day of March, 2011.

By Richard T. Creech of Creech Engineers, Inc.
(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

a Florida corporation, on behalf of the corporation. He/she is personally known to me
(State or place of incorporation)

or as produced as identification.



Donna M DeFilipo
Signature of Notary

Donna M DeFilipo
Print, Type or Stamp Name of Notary

Administrative Assistant
Title or Rank

Commission # DD 859156
Serial Number, If Any

Return Completed Form with supporting documents to:

Leon County Purchasing Division
1800-3 Blair Stone Road
Tallahassee, Florida 32308

STORMWATER ENGINEERING

TABLE OF CONTENTS

- A. Ability of Professional Personnel
- B. Experience with Projects of a Similar Type & Size
- C. Willingness to Meet Schedule & Budget Requirements
- D. Effect of Firm's Recent, Current & Projected Workload
- E. Effect of Project Team Location
- F. Approach to the Project

RICHARD T. CREECH, P.E., P.S.M.

President, Principal-In-Charge

Mr. Creech's 30 years of extensive experience includes planning, design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

REPRESENTATIVE PROJECTS INCLUDE:

Academic Credentials

BS Carnegie Mellon University, Carnegie Institute of Technology, Civil Engineering, 1983

Professional Registration

- Professional Surveyor & Mapper, State of Florida License No. 5760
- Professional Engineer State of Florida License No. 38592

Professional Affiliations & Honors

- Young Engineer of the Year FES Treasure Coast Chapter 1990 and 1994
- Engineer of the Year FES Treasure Coast Chapter, 1998
- Florida Institute of Consulting Engineers Grand Awards in 1998 and 2004
- Florida Engineering Society
- Florida Surveying & Mapping Society
- CMU Outstanding Alumnus Service Award for 2008,
- President of CMU Alumni Association Board
- Chairman Jensen Beach High School Pre-Engineering Academy

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Topographic Surveys
- Design Surveys
- Expert Consulting

- **Continuing Service Contracts:** Project Manager or Principal-in-Charge for municipal continuing service contracts including stormwater, roadway, and utilities. Which include the cities of Port St. Lucie, Stuart, Cocoa Beach, West Melbourne and Tallahassee, and the counties of Brevard, Indian River, St. Lucie, and Martin.
- **University, College, and K-12 campuses throughout Florida:** Principal-in-Charge or Project Manager on dozens of educational campuses throughout Florida.
- **Seven (7) Community Redevelopment Areas (CRA) in Martin County, FL:** The overall Project Manager and client liaison. Project involved development of stormwater, water, and wastewater master plans to address existing deficiencies and future development for seven (7) different CRAs
- **Salerno Creek Stormwater Treatment Retrofit, Port Salerno, Martin County, FL:** The project was a 23-acre regional stormwater detention pond and passive park, and was designed to serve the oldest, most intensely built-out drainage sub-basin of the Manatee Pocket, which discharges into the sensitive St. Lucie Estuary.
- **Colorado Avenue (extension of Kanner Highway) from SR 5/US1 to East Ocean Boulevard, Martin County, FL:** This 0.4-mile five lane urban roadway rehabilitation project included storm drainage system replacement (15-inch to 30-inch RCP), asphalt pavement milling and re-surfacing, water and sewer line replacements, landscaping, decorative street lighting, sidewalk replacement, sidewalk coloring, and re-striping.
- **US 1 Pavement Widening; West Jensen PUD, Martin County, FL:** SR5/US1 was widened from four lanes to eight lanes from Jensen Beach Boulevard north to Port St. Lucie Boulevard, approximately 2 miles.
- **N.E. Goldenrod Road (East and West Separately) Martin County, FL:** This four lane road winds from East to West between Jensen Beach Boulevard and Westmoreland Boulevard (approximately 1.8 miles of two-lane roadway) and incorporated access to the developing residential & commercial projects.
- **Dept of Juvenile Justice Facilities, throughout the State of Florida:** Principal-In-Charge or Project Manager on approximately 30 DJJ facilities providing engineering and/or survey services.

SEAN MARSTON, P.E.

Vice President, Project Manager

Mr. Marston has more than 18 years of experience in the civil engineering discipline. His rich background grants him the expertise in both public and private sectors. He has a proven track record in providing client satisfaction, managing multi-discipline design teams, and delivering a quality product on time and within budget. Mr. Marston has extensive experience in the planning, design, and construction of large scale institutional and commercial facilities. His experience also includes stormwater, water distribution, sewer collection, and roadway design for municipalities. Mr. Marston has extensive experience in permitting projects through various state and local agencies including, Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), all five Water Management Districts and multiple City and Counties throughout the State of Florida.

Academic Credentials

BS Florida State University,
Civil Engineering, 1996,
Tallahassee, Florida

Professional Registration

- Professional Engineer,
State of Florida #55987
- Professional Engineer,
State of Georgia
#031786
- Professional Engineer,
State of Alabama
#28396-E
- Florida Qualified
Stormwater Inspector
Florida Department of
Environmental
Protection

Professional Affiliations

- Florida Engineering
Society
- Chairman FES K-12 Big
Bend
- Fallschase Board of
Directors
- Southside Kiwanis
- FSU/FAMU Industry
Advisor

REPRESENTATIVE PROJECTS INCLUDE:

- **Kohl's Department Store, Tallahassee, Leon County, Florida:** Mr. Marston is serving as Project Manager for this 92,000 square feet department store. The developer selected a 10.2 acre site in the special development district of Bradfordville. This project has involved extensive coordination with the Department of Historical Resources due to the discovery of the Pine Hill Plantation Remains. As a result the site had to undergo a Phase III archeological mitigation. This project included innovative designs with respect to stormwater treatment. Creech coordinated with the geotechnical engineer and developed a design solution for stormwater treatment. With the use of underground facilities and percolation through the soil strata stormwater was able to meet the stringent Bradfordville Standards.
- **Suwannee Correctional Institution, Annex and Work Camp, Live Oak, Suwannee County, Florida:** Mr. Marston is serving as Project Manager for this 4,000 inmate state prison facility and the associated support buildings and infrastructure. This project will be constructed in phases due to Florida Legislative Funded. Stormwater treatment was provided through the use of four interconnected wet detention ponds which to an existing wetland system. The wetland system drains across highway 90 and under the CSX railroad. Permitting also include drainage connection with FDOT. Creech worked with the SRWMD on providing a stormwater design for this large institution.

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Large Scale Land Development
- Site Assessment/Site Due Diligence
- Entitlements
- Permitting & other Approvals
- Project Management
- Sub-consultant Management
- Contract Administration
- Roadway Design
- Water, Sewer, Stormwater, and Roadway Design
- Construction Observation and Administration
- Water and Wastewater Design

Employment Record

- 2006 – Present
Creech Engineers, Inc.
- 2004 – 2006
Florida Department of Corrections
- 2002 – 2004
Moore Bass Consulting
- 1993 – 2002
William M. Bishop C

- **Hammock Creek Commerce Park, Gadsden County, Florida:** Mr. Marston served as Project Engineer responsible for the construction of a commerce park. The site was located on 200 acres in Gadsden County Florida. The project required a Land Use Amendment to the Gadsden County Comprehensive plan to change the land use from Agriculture to Light Industrial. The civil design included subdivision layout, roadway design, stormwater design, water distribution design, sewer collection design including pump station design. The project also included a FDEP/ACOE Dredge and Fill permit for roadway crossings.
- **Heritage Grove Student Housing, Tallahassee, Leon County, Florida:** Engineer of Record for the development of a 13 unit student housing project on a 34 acre site adjacent to the Florida State University Campus. Mr. Marston participated in the planning and concurrency process which included obtaining a PUD zoning with the City of Tallahassee. This project was sited on top of a hill near Ocala Road. There were three different drainage basins associated with this project including one which was a closed basin. Mr. Marston modeled each basin to properly design the three stormwater ponds to meet the stormwater concurrency issues.
- **Regional Center Office Park, Tallahassee, Florida:** Engineer of Record for the development of a multi-phased office park. Also assisted the Developer with engineering expertise for the negotiation of a Florida Statutes 163 agreement with the City of Tallahassee. Assisted in the planning process and secured concurrency approval for the site. Mr. Marston worked with the City of Tallahassee Engineering Department with the offsite stormwater that was running through the property. The City used the Stormwater model developed by Mr. Marston to design a large stormwater conveyance to a drainage ditch downstream. Also he produced the necessary engineering plans to obtain site plan and environmental permit approvals from the City of Tallahassee.

JEFFREY O. NORRIS, P.E.
Chief Engineer

Academic Credentials

Northeastern University,
Boston, Massachusetts
BS - Civil Engineering
1978

Professional Registration

- Professional Engineer
State of Florida
License No. 49283
- FDEP Qualified
Stormwater Management
Inspector Registration
No. 19505

Professional Affiliations

- Florida Engineering
Society (FES)
- National Society of
Professional Engineers

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Stormwater Design
- Roadway Design
- Water and Wastewater
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

Mr. Norris has over 30 years of experience in all phases of civil engineering design, permitting, and project management. His responsibilities include Quality Assurance and Quality Control (QAQC). His experience includes stormwater management, roadway design, water and wastewater systems, master planning, construction cost analysis, and construction management.

REPRESENTATIVE PROJECTS INCLUDE:

- **Martin County Community Redevelopment Areas (CRA), Martin County, FL:** Supervising P.E./QAQC for project coordination and stormwater, water, and wastewater master planning for seven (7) CRA's (approx. 7,300 acres). Planning included analysis of existing conditions, stormwater modeling, proposed stormwater, water and wastewater improvements, cost analysis and public presentations.
- **Monterrey Waterway, City of Port St. Lucie, FL:** Supervising P.E./QAQC for canal and control structure reconstruction of facilities destroyed during the hurricane event in 2005.
- **Martin County Community Services Building, City of Stuart, FL:** Supervising P.E./QAQC for a 5-acre Martin County municipal building site including stormwater, roads, parking and grading.
- **Paradise Park, St. Lucie County, FL:** QAQC for stormwater and roadway improvements in existing residential neighborhood for St. Lucie County.
- **Shepard Park Boat Ramp Replacement, City of Stuart, FL:** Supervising P.E. for construction services related to bidding and construction of a new boat ramp for the City of Stuart.
- **De Navarra Parkway & Playa Del Sol Blvd, Lee, FL:** Supervising P.E./QAQC for design and construction of 0.7 mile urban four lane collector roadway.
- **Gadsden County Re-Entry Center, Gadsden County, FL:** QAQC for 22 acre Florida Department of Corrections facility including roads, parking, grading, stormwater, water and wastewater.
- **Suwannee County Rural Catalyst Feasibility Study, Suwannee County, FL:** QAQC for utilities feasibility from Live Oak, Florida to proposed 100 acre industrial site for Suwannee Co.
- **Pine Avenue Rehabilitation Study, Live Oak, FL:** QAQC for roadway rehabilitation study and cost comparison for 0.5 miles of existing 2 lane urban roadway for the City of Live Oak.

OCTAVIO "OATS" REIS, P.E., M.ENG., M.B.A.

Project Manager

Academic Credentials

- B.S. - Cornell University, Agricultural Engineering, 1986
- M.Eng. Cornell University, Agricultural Engineering, 1988
- M.B.A. Auckland University, 2002

Professional Registration

- Professional Engineer State of Florida License #65661
- FDEP Qualified Stormwater Management Inspector Registration No. 19505
- LEED® AP - New Construction Registration No. CEE834D050
- FDOT Advanced Maintenance of Traffic (MOT) Certification

Professional Affiliations

- Florida Engineering Society
- National Society of Professional Engineers

Principal Areas of Expertise

- Project Management
- Stormwater
- Water Distribution
- Water and Wastewater Design
- Roadway Design
- Land Development

Mr. Reis' 20 years of local and international engineering and project management experience for both government and private clients, includes a variety of roadway, stormwater, and utility infrastructure projects for residential, commercial, municipal and agricultural sites.

REPRESENTATIVE PROJECTS INCLUDE:

- **Jensen Beach Community Center, Martin County:** Engineer of Record for the civil engineering infrastructure portion for the new County building.
- **S.R. 707 / Wright Boulevard Turn Lane, City of Stuart:** Engineer of Record for the turn lane improvements for S.R. 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program.
- **Community Redevelopment Areas Master Plans, Martin County:** Design Engineer for the Martin County project for the development of stormwater, water, and wastewater master plans for the seven (7) different CRAs.
- **Paradise Park Paving and Drainage, Fort Pierce, St. Lucie County:** Engineer of Record for a St. Lucie County project to renovate an existing subdivision in Fort Pierce by paving local roads, relocating utilities and constructing a stormwater system to provide water quality, runoff attenuation and flood control.
- **Heathcote Botanical Gardens, Fort Pierce, St. Lucie County:** Project Manager for a private-public partnership project between Heathcote, St. Lucie County and the City of Fort Pierce that includes the design of stormwater improvements to the Virginia Avenue Canal System, which drains 1000 acres of Fort Pierce, and is connected to the Savannas and the Indian River Lagoon.
- **Private Commercial Projects, Martin County.** Engineer of Record on various projects within the City of Stuart and Martin County: Toyota of Stuart, Palm City Shoppes, Holiday Inn, Kanner Retail Shoppes, Harley Davidson, Crossroad Community Church, Covenant Fellowship Baptist Church, 709 Properties, Harbour Walk and Harborage.

JERRY A. COMPTON

Vice President, Client Liaison, QA/QC

Academic Credentials

- AS Palm Beach Junior College, Engineering Technology, 1987
- AA Indian River State College, Engineering Technology, 1996

Professional Registration

- FDEP Qualified Stormwater Management Inspector No. 16735

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Roadway Design
- Water and Wastewater
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

Mr. Compton serves as Branch Manager of our Stuart office with more than 16 years of experience in the civil engineering discipline. His experience includes planning, design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

Representative Projects Include:

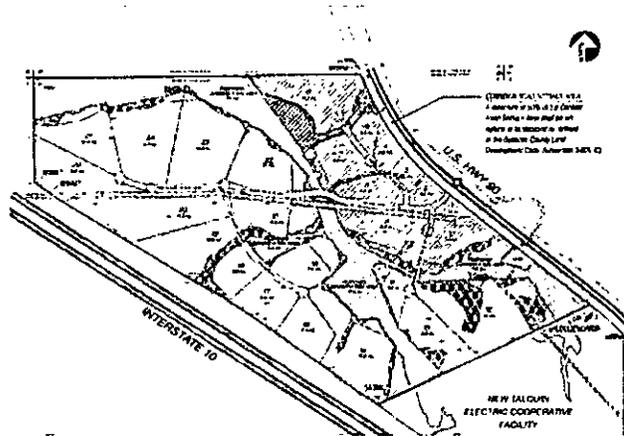
- **Jupiter Boulevard Extension, City of Palm Bay; Brevard County, FL:** Project Manager for 1750 lineal feet of four lane roadway that included two intersections and turn lanes. Mr. Compton was also responsible for supervising the administration and inspection of the roadway construction.
- **San Filippo Drive Reconstruction and Widening, City of Palm Bay; Brevard County, FL:** Project Manager for an approximate 0.53 miles of four lane roadways that included three signalized intersections, four commercial driveways with traffic separators and numerous turn lanes and deceleration lanes. Mr. Compton also supervised the administration and inspection of the roadway construction.
- **Community College Parkway Relocation, City of Palm Bay; Brevard County, FL:** Project Manager for the layout, drainage and pavement marking design of 1250 lineal feet of two lane roadway that was relocated 100 feet south of its original location. Mr. Compton supervised the administration and inspection of the roadway construction.
- **Shepard Park Boat Ramp Replacement, City of Stuart, FL:** Supervising Principle in Charge for construction services related to bidding and construction of a new boat ramp for the City of Stuart.
- **S.R. 707 / Wright Boulevard Turn Lane, City of Stuart, FL:** Supervising Principle in Charge for the turn lane improvements for S.R. 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program
- **7th Avenue, Miami Gardens, Dade County, FL:** Supervising Principle in Charge for the design layout for paving & drainage improvements, utilities coordination, signing & marking plans, maintenance of traffic, and road surveys. Supervised the administration and inspection of the roadway construction.
- **Congress Avenue Extension, Lake Park, Palm Beach County, FL:** Project Engineer for the construction of significant realignment and multiple turn lanes and median openings along an active 0.5 mile segment of Congress Avenue. Mr. Compton was also responsible for the administration and inspection of the roadway construction.

PROJECT EXPERIENCE

Client	LLT Building Corporation
Contact Name	Mr. Dennis Triple
Address	1632-A Metropolitan Circle, Tallahassee, Florida 32308
Phone number	850-222-5062
Nature of Work	<u>Heritage Grove Student Housing, Tallahassee, Florida:</u> The development of a 13 unit student housing project on a 34 acre site adjacent to the Florida State University Campus. Mr. Marston participated in the planning and concurrency process which included obtaining a PUD zoning with the City of Tallahassee. This project was sited on top of a hill near Ocala Road. There were three different drainage basins associated with this project including one which was a closed basin. Each basin modeled to properly design the three stormwater ponds to meet the stormwater concurrency issues.
Year Completed	2004

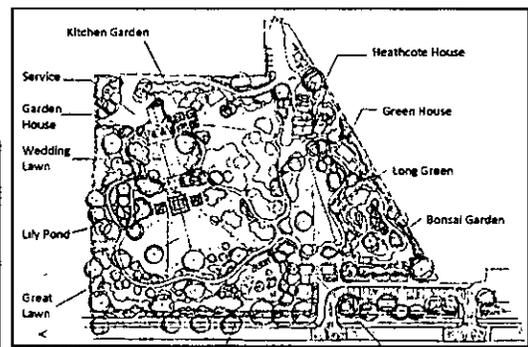


Client	St. Joe Corporation
Contact Name	Ms. Sabrina Gibbons
Address	133 South WaterSound Parkway, WaterSound, Florida 32413
Phone number	850-231-6402
Nature of Work	<i>Hammock Creek Commerce Park, Gadsden County, Florida:</i> The construction of a commerce park site was located on 200 acres in Gadsden County Florida. The project required a Land Use Amendment to the Gadsden County Comprehensive plan to change the land use from Agriculture to Light Industrial. The civil design included subdivision layout, roadway design, stormwater design, water distribution design, sewer collection design including pump station design. The project also included a FDEP/ACOE Dredge and Fill permit for roadway crossings
Year Completed	2006

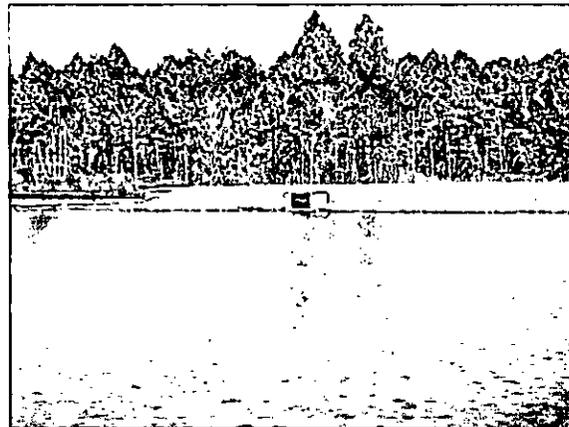


Client	Heathcote Botanical Gardens
Contact Name	Ms. Amy Dahan, Director
Address	210 Savannah Road, Fort Pierce, Florida 34982
Phone number	772-464-4672
Nature of Work	<p><u>Heathcote Botanical Gardens, Fort Pierce, Florida:</u> Through a joint effort between Heathcote, St. Lucie County, and the City of Fort Pierce, approximately 150 acres of land will be redeveloped as part of the Heathcote Botanical Gardens. This expansion will serve as a critical link in a recreation and greenway system the size of New York's Central Park.</p> <p>Significant coordination will take place with the Fort Pierce Utility Authority in relation to their existing utilities and supply of utilities to the proposed project. The project includes City of Fort Pierce land that contains the Fort Pierce Public Works Depot, Police Depot, The Humane Society of Fort Pierce, and master stormwater management lake for the City of Fort Pierce. The improvements proposed include the relocation of the Public Works and Police Depots; realigning and naturalizing the existing stormwater canals along Savannah Road; expanding the existing stormwater treatment lake; construction of an observation deck along the lake edge; construction of multiple canoe launches; construction of a greenway through the Savannahs; increasing the water quality of stormwater that passes through the system; and beautifying Savannah Road.</p>
Year Completed	On-Going

June 3, 2009 - "I find their methodology to be comprehensive and thorough. Creech's project manager, Octavio Reis, has conducted productive meetings with numerous city, county, state, federal, and other agencies on our behalf, and kept us well-informed through detailed notes. Communications have been prompt, concise, and generous when I needed additional education to stay abreast of the project." - Amy Dahan, Director



Client	Florida Department of Corrections
Contact Name	Mr. Ned Terry
Address	2601 Blairstone Road, Tallahassee, Florida 32399
Phone number	850-410-4217
Nature of Work	<u>Suwannee Correctional Institution, Annex & Work Camp, Live Oak, Florida:</u> This 4,000 inmate state prison facility and the associated support buildings and infrastructure project will be constructed in phases due to Florida Legislative Funded. Stormwater treatment was provided through the use of four interconnected wet detention ponds which to an existing wetland system. The wetland system drains across highway 90 and under the CSX railroad. Permitting also include drainage connection with FDOT. Creech worked with the SRWMD on providing a stormwater design for this large institution.
Year Completed	2009



Client	St. Lucie County
Contact Name	Mr. Michael Powley
Address	2300 Virginia Avenue, Fort Pierce, Florida 34982
Phone number	772-462-2153
Nature of Work	<u>Paradise Park Paving & Drainage Improvements, Fort Pierce, Florida:</u> Project provides for the construction of drainage and roadway improvements to a portion of the Paradise Park neighborhood in Fort Pierce, Florida. Design addresses historic drainage deficiencies in a mature neighborhood adjacent to Fort Pierce Farms Canal Number One. Included in the improvements are paving of existing dirt roadways, swales, and storm water management facilities to improve runoff water quality and address localized minor flooding. Design services included roadway and drainage engineering, permitting, construction plan preparation, grant application assistance. Utility coordination with FPUA and accommodation plans were prepared to address conflicts between the proposed drainage system and existing water mains.
Year Completed	On-Going

Client	City of Port St. Lucie
Contact Name	Mr. Laney Southerly, P.E.
Address	121 S.E. Port St. Lucie Boulevard, Building C, PSL, FL 34984
Phone number	772-873-6400
Nature of Work	<u>Rangeline Water Main and Booster Pump Station, St. Lucie County, Florida:</u> Project included the design of 4.5 miles of water main and a booster pump station along Rangeline Road to provide water service to the Martin Correctional Institute. The bulk of the design was done in house by Port St. Lucie Utility Engineering staff with Creech Engineers, Inc. providing surveying, assistance with easement acquisition and Martin County Comprehensive Plan amendment, coordination with Florida Department of Corrections, management of environmental, electrical and structural engineering sub-consultants and engineering support as required for the design and permitting and construction of the project.
Year Completed	On-Going

Creech Engineers, Inc. understands the importance of keeping a project on budget and within schedule, especially considering the current economic conditions and budgetary issues that municipalities are facing.

Creech Engineers, Inc. utilizes Deltek's Advantage Software which provides its Project Managers with a number of reports from detailed cost analysis to project-to-date summaries. **Creech Engineers, Inc.** also incorporates electronic timesheets, in which all employees log in their time daily. The Project Manager accesses this data each week to evaluate cost, production rates, schedules, invoicing, and accounts receivable. This effectively allows the Project Manager to make required actions before task budgets go over.

Furthermore, **Creech Engineers, Inc.** tracks the hourly use of time versus the budgeted time for each project. We have accumulated enough typical man-hour data to schedule tasks and establish an accurate budget forecast. The Project Manager utilizes this information and Microsoft Project to identify tasks, resources, project milestones, key client due dates and task coordination. With respect to project schedules and control, the Project Manager reviews deliverable deadlines and then schedules the necessary work efforts and review periods with staff to ensure the deadlines are met and costs are maintained.

Utilizing the above-mentioned software and procedures, **Creech Engineers, Inc.** is able to help clients reduce costs and maintain schedules on a daily and weekly basis.

Creech Engineers, Inc. is accustomed to meeting intense deadlines for our clients. We know *the only constant is change* and we always remain prepared to switch gears as soon as necessary. This constant awareness and attention to our projects has allowed us able to complete our projects on time and within budget.

STATEMENT:

Creech Engineers, Inc. offers Leon County the willingness to meet time and budget requirements of tasks requested by the County.

Creech Engineers, Inc. has the ability to devote all necessary human resources and management attention to Leon County projects. Our staff is in the position to be able to accept this project without reduction in present workload responsibilities. We understand the necessity of maintaining the availability of the key personnel committed to Leon County. The following represents the available time percentage for key professional personnel assigned to serve Leon County.

Creech Engineers, Inc. Team Member	Availability	Location
Richard T. Creech, P.E., P.S.M.	50%	Tallahassee
Sean Marston, P.E.	70%	Tallahassee
Jeffrey O. Norris, P.E.	60%	Tallahassee
Octavio "Oats" Reis, P.E.	30%	Stuart
Jerry A. Compton	50%	Stuart

In addition, **Creech Engineers, Inc.** will support the project on a daily basis. Taking into account project review periods, and coordination with Leon County, the proposed project shall receive full attention to ensure completion on schedule and within budget.

The current workload of **Creech Engineers, Inc.** Tallahassee Branch Engineering Division consists of the following:

Contract Type	Client	Project	% Complete
Continuing Services	City of Live Oak	Lift Station Modifications	80%
Continuing Services	City of Chiefland	2009 CDBG	80%
Land Development	CenterPoint	Carmax TLH	20%
Public	Gilchrist Ross Crowe	FSU/FAMU COE Phase III	20%
Public	EMO Architects	Gadsden Re-Entry Center	80%
Land Development	Educational Realty Trust	Jefferson Commons	80%

Creech Engineers, Inc. is seeking new projects and workload to fill our backlog. We stand ready, willing and able to serve Leon County.

Firm Name & Address:

Creech Engineers, Inc.
418 East Virginia Street, Tallahassee, Florida 32301

Office Location:

Tallahassee, Leon County

Telephone Number:

850-841-1705

Contact:

Sean Marston, P.E.
Vice President, Tallahassee Branch Manager

Email Address:

smarston@creechinc.com

Project Approach

Development of a sound approach and methodology is of paramount importance for completion of the proposed improvements in a timely and cost effective manner. Our team's approach to any project, regardless of the size and the nature, is to take pride and personal interest in the assignment and provide the best product to our clients. This is reflected in the continued long-term professional association and repeat assignments we have enjoyed with all the clients that we have served.

Our team manages projects with strong emphasis on responsiveness, commitment of key personnel, accountability, and schedule/cost control.

Responsiveness – We believe the key to successful projects with Leon County is responding to their needs. Almost all projects experience changes in direction as the planning or design becomes more focused or as a result of input from regulatory agencies and the Creech Team is committed to provide outstanding services and be readily available to our clients.

Commitment of Key Personnel – Key staff that have worked on previous continuing service contracts have been identified to work on this highly visible project.

Accountability – Our team will provide a key client contact that will be personally responsible for all aspects of this project.

Schedule/Cost Control – Our team utilizes scheduling software and quality control checklists to ensure that each project meets all key milestones and deadlines and that each project is technically accurate. The critical path will be identified early and the schedule will be created appropriately.

Based upon our research and our experience, we have a clear understanding of the scope of services and the goals for continuing service projects. The following section illustrates our general approach.

Approach – Our team is experienced and proven to provide Leon County with fast responsive service. The Creech Team believes in a hands-on approach and will constantly meet with Public Work's staff to ensure modifications that were learned on previous projects get incorporated into this important project.

The proposed continuing service projects can consist of stormwater, roadway, utility and parks and recreation. The Creech Team has vast experience in these type projects, success begins with the clear concise communication between the County Project Manager and the Creech Branch Manager. Creech will keep good records of meeting minutes, emails and correspondence so that the project understanding is above question.

Stormwater

Creech Engineers is a leader in the stormwater design arena by being named the Grand Award winner for the 2004 FICE Engineering Excellence Award, in the Water Resources category, for the Salerno Creek Retrofit project in Martin County. Our background is stormwater and we would approach any project with a thorough understanding of the project. Meeting with the client to understand what the project issues are and research all available information. We would utilize any GIS information or FDOT aerials to develop drainage area maps so we properly delineate the drainage basins. Creech would also take the maps to the field and verify any assumptions made during the delineation process. This allows us the ability to effectively communicate with the project surveyor to pick up valuable information for model preparation.

Once the initial kick off meeting is complete and the research has been done, Creech would work with the county to develop models of the drainage basins. Typically Creech utilizes ICPR stormwater software to model our stormwater projects; however we are well versed in the SWMM modeling software. Early in the project meet Creech will meet with the appropriate regulatory agency to ensure timely project buy-in. Once the modeling is complete Creech would work with the County in reviewing the model results and the construction plan set would be developed along with the standard specifications. Once the plans are developed Creech will prepare permit submittal package and submit to the appropriate agencies.

One consistency we want to stress is the intent to effectively communicate with the County Project Manager every step of the project.

Permits

Stormwater projects will require permitting from the Leon County Growth Management and the North Florida Water Management District. Creech has good working relationships with both entities.

Below is a detailed scope of work we envision for a typical Leon County Continuing Services Project:

Phase I – Preliminary Design

Design and development of construction drawings will begin, following site surveys, and subsurface investigations. This will establish the existing conditions and constraints of the site and set the direction for design and construction of site work and utilities for the new construction. General information and basic details regarding design and contract documents will be started early prior to completing surveys and subsurface investigations to aid in accelerating the schedule.

Phase II – Detail Design

A brief outline of detail design work elements follows:

Following completion and acceptance of the preliminary work, preparation of contract documents for construction of the stormwater system improvements will commence. A design survey will be performed to provide the basis of the site engineering. These surveying services will be coordinated with the design team.

Site/Civil drawings will be prepared on sheets showing a plan view and typical sections. All plans will be prepared and available electronically or if at the option of the County on standard 4 mil, 24-inch by 36-inch bond along with an AutoCAD file on CD.

Cost estimates will be prepared at design points designated by the County. The estimates could correspond with interim and final design package review submittals.

Quality assurance and quality control (QA/QC) is provided up front on all projects. Jeffery Norris, P.E. may conduct a peer review process designed to objectively critique design concepts and alternative evaluation. Mr. Norris has valuable experience with stormwater construction projects. QA/QC will also be provided on the project through a detailed, regimented check function of plans and specifications designed to locate and eliminate coordination problems among disciplines.

Permits will be applied for from all applicable state and local agencies. We again emphasize the importance of permits to project schedule and cost. We believe the project team is in a strong position to minimize permitting impacts on this project.

Regulatory participatory programs could be utilized to build consensus with the purpose of collaboratively creating a program that is mutually acceptable to all key parties involved. The key items of the program would be designed to facilitate the examination of the problems, opportunities, and objectives of the project. The program will ensure that all the basic needs and ideas of the groups are identified and carefully considered by key parties. The key parties would be able to jointly create mutually acceptable goals and parameters for the proposed design.

The process for developing the program envisioned by the project team consists of these key elements:

- A series of meetings with all regulatory agencies participating;
- Ongoing problem solving sessions involving key staff members of the regulatory municipalities and DC staff; and
- A concluding problem solving session involving the parties, which participated in the first session prior to submittal of final documents.

The sessions will aid in uniformity in review of the project and reduce the amount of conflicting reviews by the agencies.

Phase III – Services During Construction

In order to achieve a well constructed properly functioning project, the project team will provide comprehensive professional, construction phase engineering. Construction phase engineering is divided into two parts:

Office engineering is composed of:

- Assistance to County in securing bids, tabulating bid results, and providing recommendations on the award of construction contracts;
- Consultation and advice to County as to the acceptability of subcontractors or substitute materials or methods of construction when the contract requires Owner's approval;
- Checking detailed construction drawings and shop or erection drawings submitted by the Contractor which show how they plan to meet the design concept;
- Review of laboratory and mill test reports on materials or equipment; and
- Providing supplemental sketches required to resolve problems which arise during construction due to actual field conditions or change orders.

Field Engineering for this project will be composed of:

- Resident observation to assess the quality and acceptability of the work as it is put in place, and to assure compliance with plans, specifications, and the design intents (if desired);
- Periodic visits to the project by experienced and qualified engineering design professionals to observe the progress and quality of the work;
- Issuing instructions to the contractor from the County clarifying contract documents, preparing required change orders, and preparation of record drawings;
- Determining amount of progress payments due based on completion of the work, and recommending issuance of such payments to the contractor; and
- Make final inspection and recommend final acceptance and payment to the Contractor.

Completing a successful project through the construction phase by providing competent, professional Office and Field Engineering is a task the project team is well qualified to perform. Strong construction phase engineering benefits all parties by assuring the project is well constructed, fully functional, and cost effective.

ROADWAY DESIGN

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- B. Experience with Projects of a Similar Type & Size
- C. Willingness to Meet Schedule & Budget Requirements
- D. Effect of Firm's Recent, Current & Projected Workload
- E. Effect of Project Team Location
- F. Approach to the Project

RICHARD T. CREECH, P.E., P.S.M.

President, Principal-In-Charge

Mr. Creech's 30 years of extensive experience includes feasibility studies, planning, design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

Academic Credentials

BS Carnegie Mellon University, Carnegie Institute of Technology, Civil Engineering, 1983

Professional Registration

- Professional Surveyor & Mapper, State of Florida License No. 5760
- Professional Engineer State of Florida License No. 38592

Professional Affiliations & Honors

- Young Engineer of the Year FES Treasure Coast Chapter 1990 and 1994
- Engineer of the Year FES Treasure Coast Chapter, 1998
- Florida Institute of Consulting Engineers Grand Awards in 1998 and 2004
- Florida Engineering Society
- Florida Surveying & Mapping Society
- CMU Outstanding Alumnus Service Award for 2008,
- President of CMU Alumni Association Board
- Chairman Jensen Beach High School Pre-Engineering Academy

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Topographic Surveys
- Design Surveys
- Expert Consulting

REPRESENTATIVE PROJECTS INCLUDE:

- **U.S. 441 Turn Lanes and Median Closure, Palm Beach County, Florida:** Construction of additional turn lanes and median closure near the S.R. 7 intersection. The project included design surveys, design, significant MOT and construction observation of directional intersection and turn lanes along S.R. 441.
- **7th Avenue, Miami Gardens, Dade County, Florida:** Construction of roadway and drainage improvements to increase the roadway from two to four lanes. Project included signing, pavement markings, and channelization. Roadway design, stormwater collection/treatment system design; design surveys and construction observation/record surveys were also included.
- **U.S. 1 Lane Widening, West Jensen P.U.D., Martin County, Florida:** Design, permitting and construction services for the widening of U.S. 1/S.R. 5/Federal Highway from four lanes to eight lanes, from Jensen Beach Boulevard in Martin County to Port St. Lucie Boulevard in St. Lucie County. The project included boundary and topographic surveys, wetland delineation surveys, construction layout, right-of-way verification, design, permitting through FDOT, both counties, and in coordination with the development of the surrounding P.U.D., as-built/record survey, and certifications.
- **Kanner Highway from U.S. 1 to East Ocean Boulevard, Stuart, Florida:** Reconstruction of entire road section (0.5 miles) to rehabilitate storm and sewer degradation. Project included significant coordination of business owners, nighttime construction, full time representation, utility relocation, roadway design, significant MOT, signing and pavement markings, SWPPP and drainage design.
- **N.E. Goldenrod Road (East and West Separately) Martin County, FL:** This four lane road winds from East to West between Jensen Beach Boulevard and Westmoreland Boulevard (approximately 1.8 miles of two-lane roadway) and incorporated access to the developing residential & commercial projects.

SEAN MARSTON, P.E.

Vice President, Project Manager

Mr. Marston has more than 18 years of experience in the civil engineering discipline. His rich background grants him the expertise in both public and private sectors. He has a proven track record in providing client satisfaction, managing multi-discipline design teams, and delivering a quality product on time and within budget. Mr. Marston has extensive experience in the planning, design, and construction of large scale institutional and commercial facilities. His experience also includes stormwater, water distribution, sewer collection, and roadway design for municipalities. Mr. Marston has extensive experience in permitting projects through various state and local agencies including, Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), all five Water Management Districts and multiple City and Counties throughout the State of Florida.

Academic Credentials

BS Florida State University,
Civil Engineering, 1996,
Tallahassee, Florida

Professional Registration

- Professional Engineer,
State of Florida #55987
- Professional Engineer,
State of Georgia
#031786
- Professional Engineer,
State of Alabama
#28396-E
- Florida Qualified
Stormwater Inspector
Florida Department of
Environmental
Protection

Professional Affiliations

- Florida Engineering
Society
- Chairman FES K-12 Big
Bend
- Fallschase Board of
Directors
- Southside Kiwanis
- FSU/FAMU Industry
Advisor

REPRESENTATIVE PROJECTS INCLUDE:

- **Commerce Boulevard Resurfacing, Wakulla County, Florida:** Mr. Marston served as Project Engineer for the construction of a 2,000 inmate bed Wakulla Annex Prison for the Department of Corrections. Due to the heavy duty construction, Commerce Boulevard became impaired. Mr. Marston designed five miles of resurfacing of Commerce Boulevard. The resurfacing plans included signage and marking plans along with minor grading.
- **State Road 10, Suwannee County, Florida:** Mr. Marston served as Project Engineer for the construction of a 4,000 inmate bed facility for the Department of Corrections Suwannee Correctional Institution. This project required roadway improvements to SR 10 for a new driveway access for the institution. The design included widening SR 10 for a dedicated right and left turn lane. Mr. Marston was responsible for the horizontal and vertical control, grading plans, and stormwater design. Also, included in this project was seven miles of utility design within FDOT Right-of-way. There were four utility crossings of SR 10 which required jack and bore and pavement replacement plans.
- **Connector Road at Tram Road, Tallahassee, Florida:** Mr. Marston served as Project Engineer for the design of a new roadway section in Tallahassee for the Department of Management Services. This two mile roadway section was the first road designed in St. Joe's Southwood Development. The roadway design included planning, horizontal and vertical design, stormwater roadway design, stormwater facility design, and wildlife corridor.
- **City of Quincy Paving Projects:** Mr. Marston served as Project Engineer for Phase I, II, and IV for paving of previous dirt roads and repaving of streets located within the City limits. Mr. Marston's responsibilities included horizontal and vertical roadway design, stormwater facility design, stormwater retrofitting, permitting, bidding and construction administration.

Principal Areas of Expertise

- Master Planning
 - Site Development Engineering
 - Large Scale Land Development
 - Site Assessment/Site Due Diligence
 - Entitlements
 - Permitting & other Approvals
 - Project Management
 - Sub-consultant Management
 - Contract Administration
 - Roadway Design
 - Water, Sewer, Stormwater, and Roadway Design
 - Construction Observation and Administration
 - Water and Wastewater Design
- **City of Perry Paving Project:** Mr. Marston served as Project Engineer for the paving of multiple streets located in the City limits. The design included horizontal and vertical roadway and stormwater engineering. He was responsible for the overall design, securing permits, providing construction bidding assistance, administration and project certifications.
 - **Hammock Creek Commerce Park, Gadsden County, Florida:** Mr. Marston served as Project Engineer responsible for the design of a commerce park for St. Joe Commercial Department. The civil design included subdivision layout, roadway design, and stormwater design. Also included in this project were planning, design and permitting of access improvements to State Road 10 (Highway 90) for an exclusive left turn lane and new median access.
 - **Thomasville Road (SR 61) Improvements, Tallahassee, Florida:** Mr. Marston served as Project Engineer for the design and permitting of a 92,000 SF Department Store in Tallahassee Florida. Mr. Marston coordinated the planning efforts for the access improvements to SR 61 (Highway 319). The project required an exclusive right turn lane into the project which required Right-of-way donation to FDOT. The project also included an extension to the existing left turn lane.
 - **City of Quincy CDBG Sidewalk Improvements:** Mr. Marston assisted the City Grants Administrator with programming several streets for sidewalk improvements. He was the Project Engineer responsible for the design of new sidewalks which included a new brick pattern design, curbing, landscaping, and handicap accessible improvements.
 - **Town of Havana CDBG Sidewalk Improvements:** Mr. Marston served as Project Engineer for Phase I of downtown improvements. The project included redesigning existing sidewalks, relocating utilities, converting overhead electrical to underground, landscaping and handicap accessible improvements. Mr. Marston's responsibilities included civil design, permitting, bidding and construction administration.

Employment Record

- 2006 – Present
Creech Engineers, Inc.
- 2004 – 2006
Florida Department of Corrections
- 2002 – 2004
Moore Bass Consulting
- 1993 – 2002
William M. Bishop C

JEFFREY O. NORRIS, P.E.
Chief Engineer

Academic Credentials

Northeastern University,
Boston, Massachusetts
BS - Civil Engineering
1978

Professional Registration

- Professional Engineer
State of Florida
License No. 49283
- FDEP Qualified
Stormwater Management
Inspector Registration
No. 19505

Professional Affiliations

- Florida Engineering
Society (FES)
- National Society of
Professional Engineers

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Stormwater Design
- Roadway Design
- Water and Wastewater
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

Mr. Norris has over 30 years of experience in all phases of civil engineering design, permitting and project management associated with residential, commercial and industrial land development projects. His experience includes stormwater management systems, roadway and pavement design, water distribution systems, wastewater collection/transmission systems, water and wastewater treatment facilities, construction cost analysis, construction observation and construction management.

REPRESENTATIVE PROJECTS INCLUDE:

- **Seven (7) Martin County Community Redevelopment Areas (CRA), Martin County, FL:** Professional Engineer in charge of project coordination, quality assurance and quality control for the development of stormwater, water, and wastewater master plans to address existing deficiencies and future development for seven (7) different CRAs (totaling 7,351 acres) with varying physical and socio-economical conditions, topography, historical development patterns, and vision plans of their future. For the stormwater portion of the project, each CRA required review of existing data, analysis of existing conditions, and modeling of the stormwater systems which had little to no stormwater treatment and sometimes discharged into Florida Outstanding Waterways.
- **Chupco's Landing (f.k.a. Hawk's Landing), St. Lucie County, FL:** Engineering design and regulatory agency approvals for a 60 acre residential community for the Seminole Tribe of Florida. Design includes stormwater management system, roadways, water distribution system, wastewater collection / transmission system, irrigation main system and site grading.
- **Osprey Cove Yacht and Country Club, Hobe Sound, FL:** Design of a 105.8 acre residential subdivision consisting of 38 lots. Services included design of the stormwater system which included upland preservation areas, lake upland buffers, upland transition zones, wetland preserves and mangrove preserves, along with the water and sewer utility plans, paving and grading plans, lot pad preparation plans, landscaping easements, utility easements.
- **Monterrey Waterway, City of Port St. Lucie, FL:** Professional Engineer in charge of quality assurance and quality control for a stormwater reconstruction project for the City of Port St. Lucie. The project consists of stormwater modeling and design of new control structures and canal features for the Monterrey Waterway canal that were destroyed or severely damaged during hurricane events in 2005.
- **Martin County Community Services Building, City of Stuart, FL:** Responsible for overseeing design and regulatory agency approvals for approximately a 5-acre site in the City of Stuart. Design includes stormwater management system, roadways, parking and site grading for a new governmental building for Martin County.

OCTAVIO "OATS" REIS, P.E., M.ENG., M.B.A.

Project Manager

Academic Credentials

- B.S. - Cornell University, Agricultural Engineering, 1986
- M.Eng. Cornell University, Agricultural Engineering, 1988
- M.B.A. Auckland University, 2002

Mr. Reis' over 20 years of local and international experience in the fields of agricultural and civil engineering, for both government and private clients, includes responsibility for the technical and supervisory functions of planning, design, product supply, contract administration and project management. Mr. Reis has managed a variety of land development and infrastructure projects for residential, commercial, municipal and agricultural sites. Mr. Reis also has a background in the distribution and marketing of potable water valves, fittings, and equipment.

Professional Registration

- Professional Engineer State of Florida
License #65661
- FDEP Qualified Stormwater Management Inspector
Registration No. 19505
- LEED® AP - New
Construction Registration
No. CEE834D050
- FDOT Advanced
Maintenance of Traffic
(MOT) Certification

REPRESENTATIVE PROJECTS INCLUDE:

Professional Affiliations

- Florida Engineering Society
- National Society of
Professional Engineers

Principal Areas of Expertise

- Project Management
- Stormwater
- Water Distribution
- Water and Wastewater
Design
- Roadway Design
- Land Development

- **St. Lucie County – Capron Trail Park:** Project included roadway widening of S.R. 607, drainage design and permitting of two turn lanes into the park.
- **Seminole Brighton Commercial Property:** Project included the design of a hotel, R.V. park and retail for the Seminole Tribe of Florida, Inc. Project included widening of C.R. 721 along the site.
- **Paradise Park Paving and Drainage, Fort Pierce, St. Lucie County, Florida:** Project undertaken as part of a St. Lucie County stormwater continuing services contract and included renovations to an existing subdivision in Fort Pierce. Upgrades include paving local roads, relocating utilities and designing a stormwater system to provide water quality, runoff attenuation and flood control. Permitting through SFWMD, PFWCD.
- **Heathcote Botanical Gardens, Fort Pierce, St. Lucie County, Florida:** The expansion of the Heathcote Botanical Gardens includes design of improvements to the Virginia Avenue Canal System, which drains 1000 acres of urban development in Fort Pierce, and is interconnected to the Savannas and the Indian River Lagoon. Stormwater improvements will provide for additional water quality, runoff attenuation and irrigation.
- **Seminole Chupco's Landing Commercial and Residential Property:** Project included redesign of the commercial areas on the project and future expansion of the residential areas and amenities on the site.
- **Heron Cove:** Project included the design and permitting of the water, wastewater, drainage and paving of a 44 unit subdivision in Hobe Sound, Martin County.
- **Causeway Lumber:** Project included the design and permitting of a final site application of a renovation to the Causeway Lumber industrial site in Martin County.
- **International Municipal Irrigation Projects:** Projects included the design and supply of irrigation systems for municipal field hockey, rugby, cricket, lawn bowls, soccer fields and golf courses in New Zealand, Fiji and Samoa. Other projects included the design of municipal land treatment systems for disposal of wastewater through irrigation systems.

JERRY A. COMPTON

Vice President, Client Liaison, QA/QC

Academic Credentials

- AS Palm Beach Junior College, Engineering Technology, 1987
- AA Indian River State College, Engineering Technology, 1996

Professional Registration

- FDEP Qualified Stormwater Management Inspector No. 16735

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Roadway Design
- Water and Wastewater
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

Mr. Compton has over 18 of experience in all phases of civil engineering design, permitting, and project management. His experience includes roadway and pavement design, stormwater design, water and wastewater design, construction cost analysis, and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

Representative Projects Include:

- **Jupiter Boulevard Extension, City of Palm Bay; Brevard County, FL:** Project Manager for 1750 lineal feet of four lane roadway that included two intersections and turn lanes. Mr. Compton was also responsible for supervising the administration and inspection of the roadway construction.
- **San Filippo Drive Reconstruction and Widening, City of Palm Bay; Brevard County, FL:** Project Manager for an approximate 0.53 miles of four lane roadways that included three signalized intersections, four commercial driveways with traffic separators and numerous turn lanes and deceleration lanes. Mr. Compton also supervised the administration and inspection of the roadway construction.
- **Community College Parkway Relocation, City of Palm Bay; Brevard County, FL:** Project Manager for the layout, drainage and pavement marking design of 1250 lineal feet of two lane roadway that was relocated 100 feet south of its original location. Mr. Compton supervised the administration and inspection of the roadway construction.
- **Shepard Park Boat Ramp Replacement, City of Stuart, FL:** Supervising Principle in Charge for construction services related to bidding and construction of a new boat ramp for the City of Stuart.
- **S.R. 707 / Wright Boulevard Turn Lane, City of Stuart, FL:** Supervising Principle in Charge for the turn lane improvements for S.R. 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program
- **7th Avenue, Miami Gardens, Dade County, FL:** Supervising Principle in Charge for the design layout for paving & drainage improvements, utilities coordination, signing & marking plans, maintenance of traffic, and road surveys. Supervised the administration and inspection of the roadway construction.
- **Congress Avenue Extension, Lake Park, Palm Beach County, FL:** Project Engineer for the construction of significant realignment and multiple turn lanes and median openings along an active 0.5 mile segment of Congress Avenue. Mr. Compton was also responsible for the administration and inspection of the roadway construction.

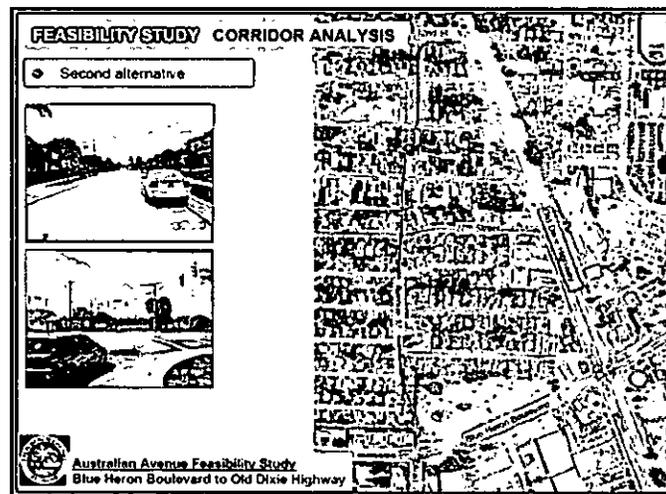
PROJECT EXPERIENCE

Client	Florida Department of Corrections
Contact Name	Mr. Ned Terry
Address	2601 Blairstone Road, Tallahassee, Florida 32399
Phone number	850-410-4217
Nature of Work	<u>Commerce Boulevard Resurfacing, Wakulla County, Florida:</u> The construction of a 2,000 inmate bed Wakulla Annex Prison for the Department of Corrections. Due to the heavy duty construction, Commerce Boulevard became impaired. The resurfacing plans included the design of five miles of resurfacing of Commerce Boulevard, signage and marking plans along with minor grading.
Year Completed	2009

Client	City of Quincy
Contact Name	Mr. Neil Eitson
Address	320 W Jefferson Street, Quincy, Florida 32351
Phone number	850-618-0040
Nature of Work	<u>City of Quincy Paving Projects, Quincy, Florida:</u> Phase I, II, and IV for paving of previous dirt roads and repaving of streets located within the City limits, which included horizontal and vertical roadway design, stormwater facility design, stormwater retrofitting, permitting, bidding and construction administration.
Year Completed	2004

Client	City of Perry
Contact Name	Mr. Barney Johnson
Address	224 S Jefferson Street, Perry, Florida 32347
Phone number	850-584-7161
Nature of Work	<u>City of Perry Paving Project, Perry, Florida:</u> The paving of multiple streets located in the City limits. The design included horizontal and vertical roadway and stormwater engineering, overall design, securing permits, providing construction bidding assistance, administration and project certifications.
Year Completed	2002

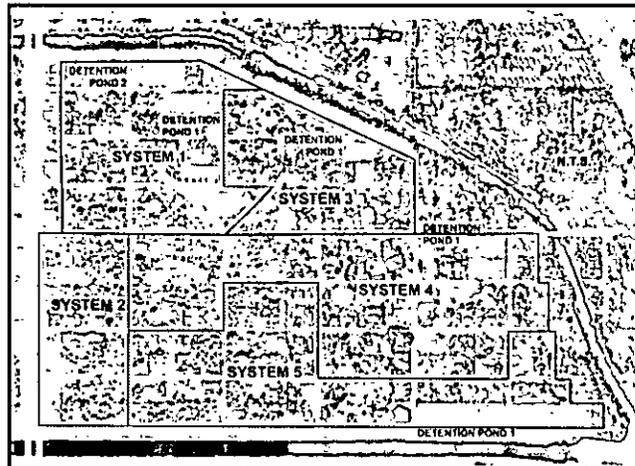
Client	Palm Beach County
Contact Name	David W. Fenton, P.E.
Address	2300 N Jog Road, 3rd Floor West Palm Beach, Florida 33411
Phone number	561-684-4155
Nature of Work	<p><u>Australian Avenue Corridor Alignment Study, West Palm Beach, Florida:</u> Creech Engineers Inc. provided an alignment study for Australian Avenue from its current terminus at Blue Heron Boulevard northward to three optional intersections with Dixie Highway in Riviera Beach, FL. The Project corridor is located from the intersection of Australian Avenue at Blue Heron Boulevard to approximately the intersection of 32nd Avenue and Old Dixie Highway. This project services included professional engineering design of preliminary alignment and corridor study for the proposed roadway extension. In addition, coordination was provided with the Florida Department of Transportation (FDOT) to accommodate future development plans along Blue Heron Boulevard.</p> <p>The project included a traffic study, assessment of social & economic impacts, determination of right-of-way issues/requirements, review of feasibility/due diligence, consideration of environmental factors, long range planning and safety. The services included engineering necessary for the concept evaluation of three proposed alignments as well as review of the 'no build' alternative.</p>
Year Completed	2007



Client	City of Stuart
Contact Name	Sam Amerson, P.E.
Address	121 SW Flagler Avenue, Stuart, Florida 34994
Phone number	772-288-5331
Nature of Work	<u>S.R. 707/Wright Boulevard Intersection Improvements, Stuart, Florida:</u> To widen S.R. 707 to accommodate a turn lane at Wright Boulevard. Creech Engineers, Inc provided coordination between the City, County, State and Federal Agencies involved in the project. Plans were submitted through FDOT's Electronic Review Comment ERC system and included submittals of complete packages for the Preliminary, Initial, Constructability and Final Phases of FDOT's design and permitting process. Specifications and Bid Documents were tailored to meet County, State and Federal requirements of the project. The limited right of way available for the widening of the project required design variances that were submitted and approved by FDOT. Due to the T-Intersection configuration, an MOT plan was designed specifically for this project.
Year Completed	2010

Client	Continental Properties
Contact Name	David Poquette
Address	W 134 N 8675 Executive Parkway, Menomonee Falls, WI 53052
Phone number	262-502-5500
Nature of Work	<u>Thomasville Road (SR 61) Improvements, Tallahassee, Florida:</u> The design and permitting of a 92,000 SF Department Store in Tallahassee Florida. Coordinated the planning efforts for the access improvements to SR 61 (Highway 319). The project required an exclusive right turn lane into the project which required Right-of-way donation to FDOT. The project also included an extension to the existing left turn lane.
Year Completed	2008

Client	St. Lucie County
Contact Name	Mr. Michael Powley
Address	2300 Virginia Avenue, Fort Pierce, Florida 34982
Phone number	772-462-2153
Nature of Work	<i>Paradise Park Paving & Drainage Improvements, Fort Pierce, Florida:</i> Project provides for the construction of drainage and roadway improvements to a portion of the Paradise Park neighborhood in Fort Pierce, Florida. Design addresses historic drainage deficiencies in a mature neighborhood adjacent to Fort Pierce Farms Canal Number One. Included in the improvements are paving of existing dirt roadways, swales, and storm water management facilities to improve runoff water quality and address localized minor flooding. Design services included roadway and drainage engineering, permitting, construction plan preparation, grant application assistance. Utility coordination with FPUA and accommodation plans were prepared to address conflicts between the proposed drainage system and existing water mains.
Year Completed	



Creech Engineers, Inc. understands the importance of keeping a project on budget and within schedule, especially considering the current economic conditions and budgetary issues that municipalities are facing.

Creech Engineers, Inc. utilizes Deltek's Advantage Software which provides its Project Managers with a number of reports from detailed cost analysis to project-to-date summaries. **Creech Engineers, Inc.** also incorporates electronic timesheets, in which all employees log in their time daily. The Project Manager accesses this data each week to evaluate cost, production rates, schedules, invoicing, and accounts receivable. This effectively allows the Project Manager to make required actions before task budgets go over.

Furthermore, **Creech Engineers, Inc.** tracks the hourly use of time versus the budgeted time for each project. We have accumulated enough typical man-hour data to schedule tasks and establish an accurate budget forecast. The Project Manager utilizes this information and Microsoft Project to identify tasks, resources, project milestones, key client due dates and task coordination. With respect to project schedules and control, the Project Manager reviews deliverable deadlines and then schedules the necessary work efforts and review periods with staff to ensure the deadlines are met and costs are maintained.

Utilizing the above-mentioned software and procedures, **Creech Engineers, Inc.** is able to help clients reduce costs and maintain schedules on a daily and weekly basis.

Creech Engineers, Inc. is accustomed to meeting intense deadlines for our clients. We know *the only constant is change* and we always remain prepared to switch gears as soon as necessary. This constant awareness and attention to our projects has allowed us able to complete our projects on time and within budget.

STATEMENT:

Creech Engineers, Inc. offers Leon County the willingness to meet time and budget requirements of tasks requested by the County.

Creech Engineers, Inc. has the ability to devote all necessary human resources and management attention to Leon County projects. Our staff is in the position to be able to accept this project without reduction in present workload responsibilities. We understand the necessity of maintaining the availability of the key personnel committed to Leon County. The following represents the available time percentage for key professional personnel assigned to serve Leon County.

Creech Engineers, Inc. Team Member	Availability	Location
Richard T. Creech, P.E., P.S.M.	50%	Tallahassee
Sean Marston, P.E.	70%	Tallahassee
Jeffrey O. Norris, P.E.	60%	Tallahassee
Octavio "Oats" Reis, P.E.	30%	Stuart
Jerry A. Compton	50%	Stuart

In addition, **Creech Engineers, Inc.** will support the project on a daily basis. Taking into account project review periods, and coordination with Leon County, the proposed project shall receive full attention to ensure completion on schedule and within budget.

The current workload of **Creech Engineers, Inc.** Tallahassee Branch Engineering Division consists of the following:

Contract Type	Client	Project	% Complete
Continuing Services	City of Live Oak	Lift Station Modifications	80%
Continuing Services	City of Chiefland	2009 CDBG	80%
Land Development	CenterPoint	Carmax TLH	20%
Public	Gilchrist Ross Crowe	FSU/FAMU COE Phase III	20%
Public	EMO Architects	Gadsden Re-Entry Center	80%
Land Development	Educational Realty Trust	Jefferson Commons	80%

Creech Engineers, Inc. is seeking new projects and workload to fill our backlog. We stand ready, willing and able to serve Leon County.

Firm Name & Address:

Creech Engineers, Inc.
418 East Virginia Street, Tallahassee, Florida 32301

Office Location:

Tallahassee, Leon County

Telephone Number:

850-841-1705

Contact:

Sean Marston, P.E.
Vice President, Tallahassee Branch Manager

Email Address:

smarston@creechinc.com

Project Approach

Development of a sound approach and methodology is of paramount importance for completion of the proposed improvements in a timely and cost effective manner. Our team's approach to any project, regardless of the size and the nature, is to take pride and personal interest in the assignment and provide the best product to our clients. This is reflected in the continued long-term professional association and repeat assignments we have enjoyed with all the clients that we have served.

Our team manages projects with strong emphasis on responsiveness, commitment of key personnel, accountability, and schedule/cost control.

Responsiveness – We believe the key to successful projects with Leon County is responding to their needs. Almost all projects experience changes in direction as the planning or design becomes more focused or as a result of input from regulatory agencies and the Creech Team is committed to provide outstanding services and be readily available to our clients.

Commitment of Key Personnel – Key staff that have worked on previous continuing service contracts have been identified to work on this highly visible project.

Accountability – Our team will provide a key client contact that will be personally responsible for all aspects of this project.

Schedule/Cost Control – Our team utilizes scheduling software and quality control checklists to ensure that each project meets all key milestones and deadlines and that each project is technically accurate. The critical path will be identified early and the schedule will be created appropriately.

Based upon our research and our experience, we have a clear understanding of the scope of services and the goals for continuing service projects. The following section illustrates our general approach.

Approach – Our team is experienced and proven to provide Leon County with fast responsive service. The Creech Team believes in a hands-on approach and will constantly meet with Public Work's staff to ensure modifications that were learned on previous projects get incorporated into this important project.

The proposed continuing service projects can consist of stormwater, roadway, utility and parks and recreation. The Creech Team has vast experience in these type projects, success begins with the clear concise communication between the County Project Manager and the Creech Branch Manager. Creech will keep good records of meeting minutes, emails and correspondence so that the project understanding is above question.

Roadway

Creech Engineers is a experienced in roadway design in the Leon County Area with the four major intersection upgrades due to the Department of Management Services Development agreement with the City of Tallahassee. Creech also provided roadway widening of Capital Circle Northwest and Interstate 10 ramp realignment for the Lowe's Home Improvement Store.

Once Creech is awarded a Leon County Roadway project Creech will meet with the County Project Manager and being to gather all of the available information. During these meetings Creech will identify the Critical Path for the Design process. Creech will initiate surveying at its earliest opportunity so that design can commence as soon as possible.

Creech will meet with the County at scheduled deliverable dates and if there is a need prior to a scheduled date to make sure expectations are meet.

Once the design is conceptually approved Creech will initiate the final construction plans. Creech will meet with the regulatory agencies, namely Northwest Florida Water Management District and Leon County Growth Management, early in the design process to ensure project buy-in. Creech will prepare permit applications and submit to the appropriate agencies.

Below is a detailed scope of services for a typical Leon County Continuing Service project:

Phase I – Preliminary Design

Design and development of construction drawings will begin, following site surveys, and subsurface investigations. This will establish the existing conditions and constraints of the site and set the direction for design and construction of site work and utilities for the new construction. General information and basic details regarding design and contract documents will be started early prior to completing surveys and subsurface investigations to aid in accelerating the schedule.

Phase II – Detail Design

A brief outline of detail design work elements follows:

Following completion and acceptance of the preliminary work, preparation of contract documents for construction of the stormwater system improvements will commence. A design survey will be performed to provide the basis of the site engineering. These surveying services will be coordinated with the design team.

Site/Civil drawings will be prepared on sheets showing a plan view and typical sections. All plans will be prepared and available electronically or if at the option of the County on standard 4 mil, 24-inch by 36-inch bond along with an AutoCAD file on CD.

Cost estimates will be prepared at design points designated by the County. The estimates could correspond with interim and final design package review submittals.

Quality assurance and quality control (QA/QC) is provided up front on all projects. Jeffery Norris, P.E. may conduct a peer review process designed to objectively critique design concepts and alternative evaluation. Mr. Norris has valuable experience with stormwater construction projects. QA/QC will also be provided on the project through a detailed, regimented check function of plans and specifications designed to locate and eliminate coordination problems among disciplines.

Permits will be applied for from all applicable state and local agencies. We again emphasize the importance of permits to project schedule and cost. We believe the project team is in a strong position to minimize permitting impacts on this project.

Regulatory participatory programs could be utilized to build consensus with the purpose of collaboratively creating a program that is mutually acceptable to all key parties involved. The key items of the program would be designed to facilitate the examination of the problems, opportunities, and objectives of the project. The program will ensure that all the basic needs and ideas of the groups are identified and carefully considered by key parties. The key parties would be able to jointly create mutually acceptable goals and parameters for the proposed design.

The process for developing the program envisioned by the project team consists of these key elements:

- A series of meetings with all regulatory agencies participating;
- Ongoing problem solving sessions involving key staff members of the regulatory municipalities and DC staff; and
- A concluding problem solving session involving the parties, which participated in the first session prior to submittal of final documents.

The sessions will aid in uniformity in review of the project and reduce the amount of conflicting reviews by the agencies.

Phase III – Services During Construction

In order to achieve a well constructed properly functioning project, the project team will provide comprehensive professional, construction phase engineering. Construction phase engineering is divided into two parts:

Office engineering is composed of:

- Assistance to County in securing bids, tabulating bid results, and providing recommendations on the award of construction contracts;
- Consultation and advice to County as to the acceptability of subcontractors or substitute materials or methods of construction when the contract requires Owner's approval;
- Checking detailed construction drawings and shop or erection drawings submitted by the Contractor which show how they plan to meet the design concept;
- Review of laboratory and mill test reports on materials or equipment; and
- Providing supplemental sketches required to resolve problems which arise during construction due to actual field conditions or change orders.

Field Engineering for this project will be composed of:

- Resident observation to assess the quality and acceptability of the work as it is put in place, and to assure compliance with plans, specifications, and the design intents (if desired);
- Periodic visits to the project by experienced and qualified engineering design professionals to observe the progress and quality of the work;
- Issuing instructions to the contractor from the County clarifying contract documents, preparing required change orders, and preparation of record drawings;
- Determining amount of progress payments due based on completion of the work, and recommending issuance of such payments to the contractor; and
- Make final inspection and recommend final acceptance and payment to the Contractor.

Completing a successful project through the construction phase by providing competent, professional Office and Field Engineering is a task the project team is well qualified to perform. Strong construction phase engineering benefits all parties by assuring the project is well constructed, fully functional, and cost effective.

PARKS & RECREATIONAL FACILITY ENGINEERING

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- A. Ability of Professional Personnel
- B. Experience with Projects of a Similar Type & Size
- C. Willingness to Meet Schedule & Budget Requirements
- D. Effect of Firm's Recent, Current & Projected Workload
- E. Effect of Project Team Location
- F. Approach to the Project

RICHARD T. CREECH, P.E., P.S.M.

President, Principal-In-Charge

Academic Credentials

BS Carnegie Mellon University, Carnegie Institute of Technology, Civil Engineering, 1983

Professional Registration

- Professional Surveyor & Mapper, State of Florida License No. 5760
- Professional Engineer State of Florida License No. 38592

Professional Affiliations & Honors

- Young Engineer of the Year FES Treasure Coast Chapter 1990 and 1994
- Engineer of the Year FES Treasure Coast Chapter, 1998
- Florida Institute of Consulting Engineers Grand Awards in 1998 and 2004
- Florida Engineering Society
- Florida Surveying & Mapping Society
- CMU Outstanding Alumnus Service Award for 2008,
- President of CMU Alumni Association Board
- Chairman Jensen Beach High School Pre-Engineering Academy

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Topographic Surveys
- Design Surveys
- Expert Consulting

Mr. Creech's 30 years of extensive experience includes planning, design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

REPRESENTATIVE PROJECTS INCLUDE:

- **Continuing Service Contracts:** Project Manager or Principal-in-Charge for municipal continuing service contracts including stormwater, roadway, and utilities. Which include the cities of Port St. Lucie, Stuart, Cocoa Beach, West Melbourne and Tallahassee, and the counties of Brevard, Indian River, St. Lucie, and Martin.
- **University, College, and K-12 campuses throughout Florida:** Principal-in-Charge or Project Manager on dozens of educational campuses throughout Florida.
- **Seven (7) Community Redevelopment Areas (CRA) in Martin County, FL:** The overall Project Manager and client liaison. Project involved development of stormwater, water, and wastewater master plans to address existing deficiencies and future development for seven (7) different CRAs
- **Salerno Creek Stormwater Treatment Retrofit, Port Salerno, Martin County, FL:** The project was a 23-acre regional stormwater detention pond and passive park, and was designed to serve the oldest, most intensely built-out drainage sub-basin of the Manatee Pocket, which discharges into the sensitive St. Lucie Estuary.
- **Colorado Avenue (extension of Kanner Highway) from SR 5/US1 to East Ocean Boulevard, Martin County, FL:** This 0.4-mile five lane urban roadway rehabilitation project included storm drainage system replacement (15-inch to 30-inch RCP), asphalt pavement milling and re-surfacing, water and sewer line replacements, landscaping, decorative street lighting, sidewalk replacement, sidewalk coloring, and re-striping.
- **US 1 Pavement Widening; West Jensen PUD, Martin County, FL:** SR5/US1 was widened from four lanes to eight lanes from Jensen Beach Boulevard north to Port St. Lucie Boulevard, approximately 2 miles.
- **N.E. Goldenrod Road (East and West Separately) Martin County, FL:** This four lane road winds from East to West between Jensen Beach Boulevard and Westmoreland Boulevard (approximately 1.8 miles of two-lane roadway) and incorporated access to the developing residential & commercial projects.
- **Dept of Juvenile Justice Facilities, throughout the State of Florida:** Principal-In-Charge or Project Manager on approximately 30 DJJ facilities providing engineering and/or survey services.

SEAN MARSTON, P.E.

Vice President, Project Manager

Academic Credentials

BS Florida State University,
Civil Engineering, 1996,
Tallahassee, Florida

Professional Registration

- Professional Engineer,
State of Florida #55987
- Professional Engineer,
State of Georgia
#031786
- Professional Engineer,
State of Alabama
#28396-E
- Florida Qualified
Stormwater Inspector
Florida Department of
Environmental
Protection

Professional Affiliations

- Florida Engineering
Society
- Chairman FES K-12 Big
Bend
- Fallschase Board of
Directors
- Southside Kiwanis
- FSU/FAMU Industry
Advisor

Mr. Marston has more than 18 years of experience in the civil engineering discipline. His rich background grants him the expertise in both public and private sectors. He has a proven track record in providing client satisfaction, managing multi-discipline design teams, and delivering a quality product on time and within budget. Mr. Marston has extensive experience in the planning, design, and construction of large scale institutional and commercial facilities. His experience also includes stormwater, water distribution, sewer collection, and roadway design for municipalities. Mr. Marston has extensive experience in permitting projects through various state and local agencies including, Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), all five Water Management Districts and multiple City and Counties throughout the State of Florida.

REPRESENTATIVE PROJECTS INCLUDE:

- **Department Store at Rhea Road and Thomasville Road, Tallahassee, Leon County, Florida:** Mr. Marston is serving as Project Manager for this 92,000 square feet department store. The developer selected a 10.2 acre site in the special development district of Bradfordville. Permit submittals have included Leon County Natural Features Inventory, Environmental Impact Analysis, Site Plan, Environmental Management Permit and Florida Department of Transportation Utility, Driveway Connection and Drainage Connection permits. This project has involved extensive coordination with the Department of Historical Resources due to the discovery of the Pine Hill Plantation Remains. As a result the site had to undergo a Phase III archeological mitigation.
- **Suwannee Correctional Institution, Annex and Work Camp, Live Oak, Suwannee County, Florida:** Mr. Marston is serving as Project Manager for this 4,000 inmate state prison facility and the associated support buildings and infrastructure. This project will be constructed in phases due to Florida Legislative Funded. His responsibilities included assuring project schedule, planning and site layout, attending project meetings, design, permitting and construction observation. Mr. Marston assisted the Department of Corrections in negotiating a development agreement with the City of Live Oak to provide utilities to the site. This project also includes 12-miles of offsite utility construction.
- **Hammock Creek Commerce Park, Gadsden County, Florida:** Mr. Marston served as Project Engineer responsible for the construction of a commerce park. The site was located on 200 acres in Gadsden County Florida. The project required a Land Use Amendment to the Gadsden County Comprehensive plan to change the land use from Agriculture to Light Industrial. The civil design included subdivision layout, roadway design, stormwater design, water distribution design, sewer collection design including pump station design. The project also included a FDEP/ACOE Dredge and Fill permit for roadway crossings

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Large Scale Land Development
- Site Assessment/Site Due Diligence
- Entitlements
- Permitting & other Approvals
- Project Management
- Sub-consultant Management
- Contract Administration
- Roadway Design
- Water, Sewer, Stormwater, and Roadway Design
- Construction Observation and Administration
- Water and Wastewater Design

- **Heritage Grove Student Housing, Tallahassee, Leon County, Florida:** Engineer of Record for the development of a 13 unit student housing project on a 34 acre site adjacent to the Florida State University Campus. Mr. Marston participated in the planning and concurrency process which included obtaining a PUD zoning with the City of Tallahassee. He also had to coordinate three different governmental agencies and eight separate fraternities. He secured all development permits with the appropriate regulatory agencies. Duties also included overseeing the sitework construction and construction certifications.
- **Regional Center Office Park, Tallahassee, Florida:** Engineer of Record for the development of a multi-phased office park. Also assisted the Developer with engineering expertise for the negotiation of a Florida Statutes 163 agreement with the City of Tallahassee. Assisted in the planning process and secured concurrency approval for the site. Also he produced the necessary engineering plans to obtain site plan and environmental permit approvals from the City of Tallahassee.

Employment Record

- 2006 – Present
Creech Engineers, Inc.
- 2004 – 2006
Florida Department of Corrections
- 2002 – 2004
Moore Bass Consulting
- 1993 – 2002
William M. Bishop C

JEFFREY O. NORRIS, P.E.
Chief Engineer

Academic Credentials

Northeastern University,
Boston, Massachusetts
BS - Civil Engineering
1978

Professional Registration

- Professional Engineer
State of Florida
License No. 49283
- FDEP Qualified
Stormwater Management
Inspector Registration
No. 19505

Professional Affiliations

- Florida Engineering
Society (FES)
- National Society of
Professional Engineers

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Stormwater Design
- Roadway Design
- Water and Wastewater
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

Mr. Norris has over 30 years of experience in all phases of civil engineering design, permitting, and project management. His responsibilities include Quality Assurance and Quality Control (QAQC). His experience includes stormwater management, roadway design, water and wastewater systems, master planning, construction cost analysis, and construction management.

REPRESENTATIVE PROJECTS INCLUDE:

- **Martin County Community Redevelopment Areas (CRA), Martin County, FL:** Supervising P.E./QAQC for project coordination and stormwater, water, and wastewater master planning for seven (7) CRA's (approx. 7,300 acres). Planning included analysis of existing conditions, stormwater modeling, proposed stormwater, water and wastewater improvements, cost analysis and public presentations.
- **Monterrey Waterway, City of Port St. Lucie, FL:** Supervising P.E./QAQC for canal and control structure reconstruction of facilities destroyed during the hurricane event in 2005.
- **Martin County Community Services Building, City of Stuart, FL:** Supervising P.E./QAQC for a 5-acre Martin County municipal building site including stormwater, roads, parking and grading.
- **Paradise Park, St. Lucie County, FL:** QAQC for stormwater and roadway improvements in existing residential neighborhood for St. Lucie County.
- **Shepard Park Boat Ramp Replacement, City of Stuart, FL:** Supervising P.E. for construction services related to bidding and construction of a new boat ramp for the City of Stuart.
- **De Navarra Parkway & Playa Del Sol Blvd, Lee, FL:** Supervising P.E./QAQC for design and construction of 0.7 mile urban four lane collector roadway.
- **Gadsden County Re-Entry Center, Gadsden County, FL:** QAQC for 22 acre Florida Department of Corrections facility including roads, parking, grading, stormwater, water and wastewater.
- **Suwannee County Rural Catalyst Feasibility Study, Suwannee County, FL:** QAQC for utilities feasibility from Live Oak, Florida to proposed 100 acre industrial site for Suwannee Co.
- **Pine Avenue Rehabilitation Study, Live Oak, FL:** QAQC for roadway rehabilitation study and cost comparison for 0.5 miles of existing 2 lane urban roadway for the City of Live Oak.

OCTAVIO "OATS" REIS, P.E., M.ENG., M.B.A.
Project Manager

Academic Credentials

- B.S. - Cornell University, Agricultural Engineering, 1986
- M.Eng. Cornell University, Agricultural Engineering, 1988
- M.B.A. Auckland University, 2002

Professional Registration

- Professional Engineer State of Florida License #65661
- FDEP Qualified Stormwater Management Inspector Registration No. 19505
- LEED® AP - New Construction Registration No. CEE834D050
- FDOT Advanced Maintenance of Traffic (MOT) Certification

Professional Affiliations

- Florida Engineering Society
- National Society of Professional Engineers

Principal Areas of Expertise

- Project Management
- Stormwater
- Water Distribution
- Water and Wastewater Design
- Roadway Design
- Land Development

Mr. Reis' 20 years of local and international engineering and project management experience for both government and private clients, includes a variety of roadway, stormwater, and utility infrastructure projects for residential, commercial, municipal and agricultural sites.

REPRESENTATIVE PROJECTS INCLUDE:

- **Jensen Beach Community Center, Martin County:** Engineer of Record for the civil engineering infrastructure portion for the new County building.
- **S.R. 707 / Wright Boulevard Turn Lane, City of Stuart:** Engineer of Record for the turn lane improvements for S.R. 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program.
- **Community Redevelopment Areas Master Plans, Martin County:** Design Engineer for the Martin County project for the development of stormwater, water, and wastewater master plans for the seven (7) different CRAs.
- **Paradise Park Paving and Drainage, Fort Pierce, St. Lucie County:** Engineer of Record for a St. Lucie County project to renovate an existing subdivision in Fort Pierce by paving local roads, relocating utilities and constructing a stormwater system to provide water quality, runoff attenuation and flood control.
- **Heathcote Botanical Gardens, Fort Pierce, St. Lucie County:** Project Manager for a private-public partnership project between Heathcote, St. Lucie County and the City of Fort Pierce that includes the design of stormwater improvements to the Virginia Avenue Canal System, which drains 1000 acres of Fort Pierce, and is connected to the Savannas and the Indian River Lagoon.
- **Private Commercial Projects, Martin County.** Engineer of Record on various projects within the City of Stuart and Martin County: Toyota of Stuart, Palm City Shoppes, Holiday Inn, Kanner Retail Shoppes, Harley Davidson, Crossroad Community Church, Covenant Fellowship Baptist Church, 709 Properties, Harbour Walk and Harborage.

JERRY A. COMPTON

Vice President, Client Liaison, QA/QC

Academic Credentials

- AS Palm Beach Junior College, Engineering Technology, 1987
- AA Indian River State College, Engineering Technology, 1996

Professional Registration

- FDEP Qualified Stormwater Management Inspector No. 16735

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Roadway Design
- Water and Wastewater
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

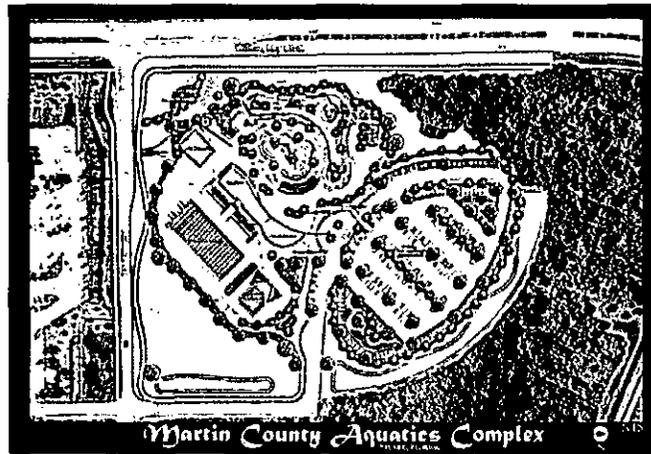
Mr. Compton serves as Branch Manager of our Stuart office with more than 16 years of experience in the civil engineering discipline. His experience includes planning, design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

Representative Projects Include:

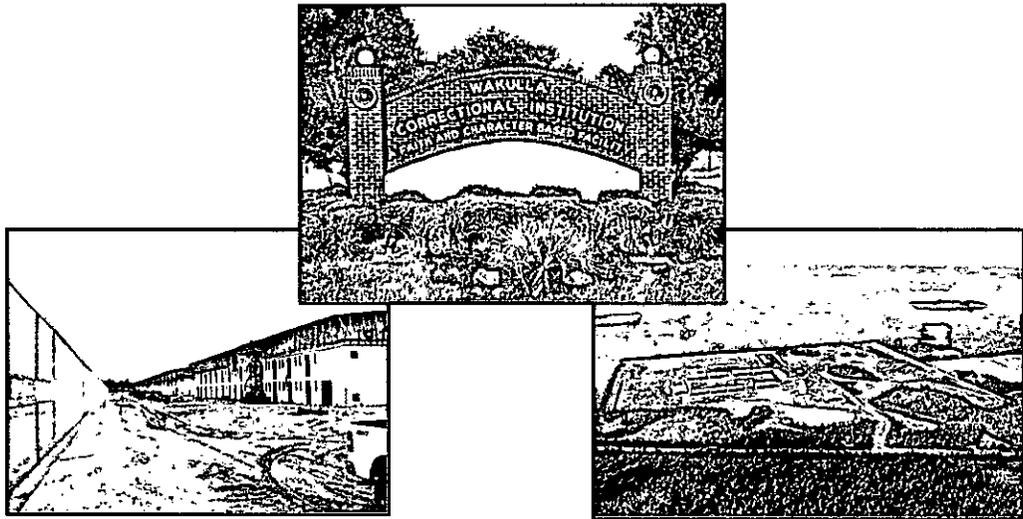
- **Jupiter Boulevard Extension, City of Palm Bay; Brevard County, FL:** Project Manager for 1750 lineal feet of four lane roadway that included two intersections and turn lanes. Mr. Compton was also responsible for supervising the administration and inspection of the roadway construction.
- **San Filippo Drive Reconstruction and Widening, City of Palm Bay; Brevard County, FL:** Project Manager for an approximate 0.53 miles of four lane roadways that included three signalized intersections, four commercial driveways with traffic separators and numerous turn lanes and deceleration lanes. Mr. Compton also supervised the administration and inspection of the roadway construction.
- **Community College Parkway Relocation, City of Palm Bay; Brevard County, FL:** Project Manager for the layout, drainage and pavement marking design of 1250 lineal feet of two lane roadway that was relocated 100 feet south of its original location. Mr. Compton supervised the administration and inspection of the roadway construction.
- **Shepard Park Boat Ramp Replacement, City of Stuart, FL:** Supervising Principle in Charge for construction services related to bidding and construction of a new boat ramp for the City of Stuart.
- **S.R. 707 / Wright Boulevard Turn Lane, City of Stuart, FL:** Supervising Principle in Charge for the turn lane improvements for S.R. 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program
- **7th Avenue, Miami Gardens, Dade County, FL:** Supervising Principle in Charge for the design layout for paving & drainage improvements, utilities coordination, signing & marking plans, maintenance of traffic, and road surveys. Supervised the administration and inspection of the roadway construction.
- **Congress Avenue Extension, Lake Park, Palm Beach County, FL:** Project Engineer for the construction of significant realignment and multiple turn lanes and median openings along an active 0.5 mile segment of Congress Avenue. Mr. Compton was also responsible for the administration and inspection of the roadway construction.

PROJECT EXPERIENCE

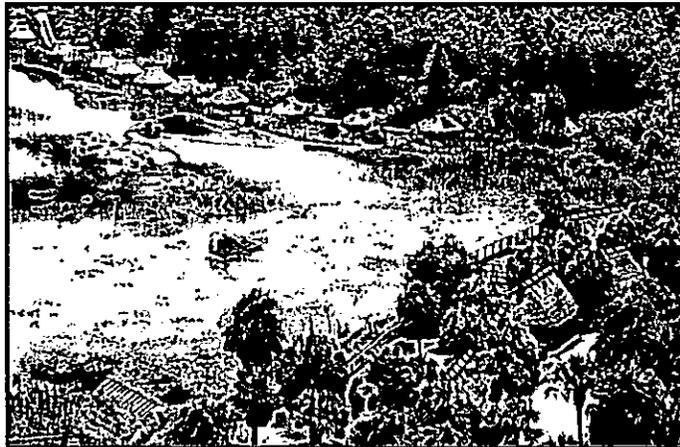
Client	Bayview Construction Corporation
Contact Name	Mr. Ken Ringe
Address	4826 S.E. Railway Avenue Stuart, FL 34997
Phone number	772-283-9300
Nature of Work	<p><u>Martin County Aquatics Center, Stuart, Florida:</u> Project includes the site civil engineering for the County Aquatic Center consisting of four pools and associated pool and recreational amenities. Civil engineering services are part of the design-build team with Bayview Construction for Martin County.</p> <p>Design and permitting of site civil engineering features include pool decking and drainage, access roadways and parking, stormwater management conveyance facilities, stormwater storage and treatment, site grading, water and wastewater utilities including coordination between Martin County and the City of Stuart Utilities Departments for the onsite and offsite utility improvements required for the project.</p>
Year Completed	On-Going



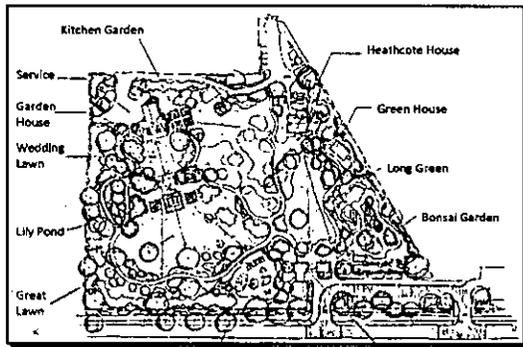
Client	Florida Department of Corrections
Contact Name	Mr. Stephen Grizzard
Address	2601 Blair Stone Road, Tallahassee, Florida 32399
Phone number	850-410-4111
Nature of Work	<i>Department of Corrections Institutions, Florida:</i> Creech Engineers, Inc. (CEI) has completed multiple projects for the Department of Corrections starting with the survey, design, permitting and construction of Okeechobee Correctional Institution in 1992. Mr. Creech was responsible for the innovative design of a special multi-utility line design that realized an organized and inaccessible system (to in-mates) that is still utilized today. Total Cost averages \$4.5 Million. In 2008, Creech Engineers, Inc. received the Southeast Construction Best of 2008 Award after teaming with Clark Construction Group on the Wakulla Correctional Institution Annex project. As stated in the letter received with the award plaque, " This award recognizes the best Governmental Project in the southeast United States ".
Year Completed	On-Going



Client	Seminole Tribe of Florida
Contact Name	Ms. Gloria Wilson
Address	6300 Stirling Road, Hollywood, Florida 33021
Phone number	954-966-6300
Nature of Work	<i>Mablewood at Big Cypress, Broward County, Florida:</i> Design of this 500±-acre community included hydraulic modeling for the conceptual Stormwater Management Master Plan and a Stormwater Management Plan for Phase 1. Phase 1 included the design of two lift stations and a utility layout to serve the proposed residential area. The master utility system and on-site wastewater treatment facility to accommodate proposed future build-out was also prepared. Survey services included boundary surveys, topographic surveys, wetland delineation surveys, and jurisdictional surveys produced through both conventional means and GPS technology. Project was not constructed.
Year Completed	N/A



Client	Heathcote Botanical Gardens
Contact Name	Ms. Amy Dahan, Director
Address	210 Savannah Road, Fort Pierce, Florida 34982
Phone number	772-464-4672
Nature of Work	<p>Heathcote Botanical Gardens, Fort Pierce, Florida: Through a joint effort between Heathcote, St. Lucie County, and the City of Fort Pierce, approximately 150 acres of land will be redeveloped as part of the Heathcote Botanical Gardens. This expansion will serve as a critical link in a recreation and greenway system the size of New York's Central Park.</p> <p>Significant coordination will take place with the Fort Pierce Utility Authority in relation to their existing utilities and supply of utilities to the proposed project. The project includes City of Fort Pierce land that contains the Fort Pierce Public Works Depot, Police Depot, The Humane Society of Fort Pierce, and master stormwater management lake for the City of Fort Pierce. The improvements proposed include the relocation of the Public Works and Police Depots; realigning and naturalizing the existing stormwater canals along Savannah Road; expanding the existing stormwater treatment lake; construction of an observation deck along the lake edge; construction of multiple canoe launches; construction of a greenway through the Savannahs; increasing the water quality of stormwater that passes through the system; and beautifying Savannah Road.</p>
Year Completed	On-Going

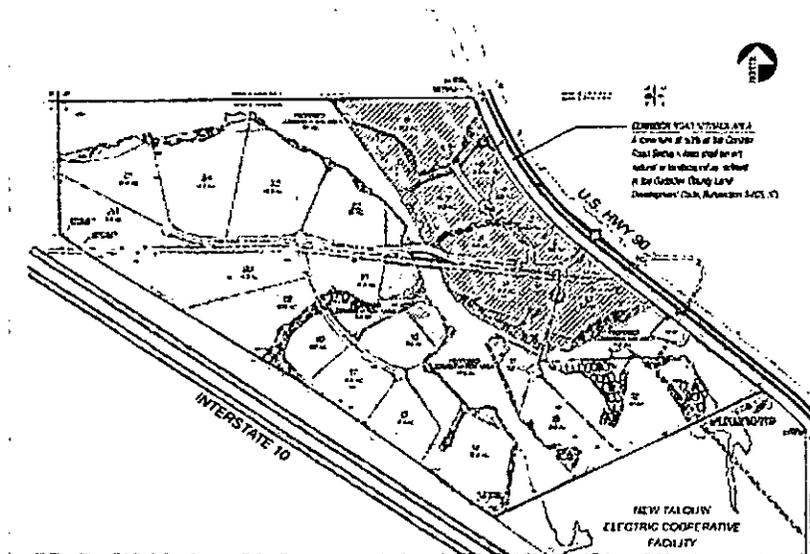


June 3, 2009 - "I find their methodology to be comprehensive and thorough. Creech's project manager, Octavio Reis, has conducted productive meetings with numerous city, county, state, federal, and other agencies on our behalf, and kept us well-informed through detailed notes. Communications have been prompt, concise, and generous when I needed additional education to stay abreast of the project." - Amy Dahan, Director

Client	Peacock and Lewis, Architects and Planners, Inc.
Contact Name	Mr. Paul E. Neff, NCARB, AIA, President
Address	3727 SE Ocean Boulevard, Suite 101, Sewalls Point, Florida 34996
Phone number	772-220-9909
Email Address (if known)	www.paul@peacockandlewis.com
Nature of Work	<u>Jensen Beach Community Center, Jensen Beach, Florida:</u> Creech Engineers, Inc. was part of the team responsible for design and construction of recently completed Jensen Beach Community Center. Creech Engineers, Inc. as the civil engineering consultant, worked closely with the project architect for coordination of site issues and design concepts necessary to meet the criteria of the Jensen Beach Community Redevelopment Area (CRA). While working in a small existing urban setting, there were several problems during design and construction related to utility and stormwater conflicts. Creech Engineers, Inc. coordinated with the County Engineering and Utilities Staff to quickly resolve all issues.
Total Cost of Project	2010

Client	City of Stuart
Contact Name	Sam Amerson, P.E.
Address	121 SW Flagler Avenue, Stuart, Florida 34994
Phone number	772-288-5331
Nature of Work	<u>Shepard Park Boat Ramp Dredging, Stuart, Florida:</u> Rather than return to the original design engineer, The City of Stuart selected Creech Engineers, Inc. for bidding assistance and construction engineering services related to the replacement of the existing boat ramp and dredging of the existing boat slips at Shepard Park. This project is in progress and has presented some issues due to unforeseen circumstances discovered during construction. Creech Engineers, Inc. has worked closely with the City of Stuart Public Works Director and his staff and coordinated with the Contractor to quickly present alternative design and construction methods to resolve the issues and keep this project moving forward.
Total Cost of Project	2011

Client	St. Joe Corporation
Contact Name	Ms. Sabrina Gibbons
Address	133 South WaterSound Parkway, WaterSound, Florida, 32413
Phone number	850-231-6402
Nature of Work	<i>Hammock Creek Commerce Park, Gadsden County, Florida:</i> The construction of a commerce park site was located on 200 acres in Gadsden County Florida. The project required a Land Use Amendment to the Gadsden County Comprehensive plan to change the land use from Agriculture to Light Industrial. The civil design included subdivision layout, roadway design, stormwater design, water distribution design, sewer collection design including pump station design. The project also included a FDEP/ACOE Dredge and Fill permit for roadway crossings.
Year Completed	2006



Creech Engineers, Inc. understands the importance of keeping a project on budget and within schedule, especially considering the current economic conditions and budgetary issues that municipalities are facing.

Creech Engineers, Inc. utilizes Deltek's Advantage Software which provides its Project Managers with a number of reports from detailed cost analysis to project-to-date summaries. **Creech Engineers, Inc.** also incorporates electronic timesheets, in which all employees log in their time daily. The Project Manager accesses this data each week to evaluate cost, production rates, schedules, invoicing, and accounts receivable. This effectively allows the Project Manager to make required actions before task budgets go over.

Furthermore, **Creech Engineers, Inc.** tracks the hourly use of time versus the budgeted time for each project. We have accumulated enough typical man-hour data to schedule tasks and establish an accurate budget forecast. The Project Manager utilizes this information and Microsoft Project to identify tasks, resources, project milestones, key client due dates and task coordination. With respect to project schedules and control, the Project Manager reviews deliverable deadlines and then schedules the necessary work efforts and review periods with staff to ensure the deadlines are met and costs are maintained.

Utilizing the above-mentioned software and procedures, **Creech Engineers, Inc.** is able to help clients reduce costs and maintain schedules on a daily and weekly basis.

Creech Engineers, Inc. is accustomed to meeting intense deadlines for our clients. We know *the only constant is change* and we always remain prepared to switch gears as soon as necessary. This constant awareness and attention to our projects has allowed us able to complete our projects on time and within budget.

STATEMENT:

Creech Engineers, Inc. offers Leon County the willingness to meet time and budget requirements of tasks requested by the County.

Creech Engineers, Inc. has the ability to devote all necessary human resources and management attention to Leon County projects. Our staff is in the position to be able to accept this project without reduction in present workload responsibilities. We understand the necessity of maintaining the availability of the key personnel committed to Leon County. The following represents the available time percentage for key professional personnel assigned to serve Leon County.

Creech Engineers, Inc. Team Member	Availability	Location
Richard T. Creech, P.E., P.S.M.	50%	Tallahassee
Sean Marston, P.E.	70%	Tallahassee
Jeffrey O. Norris, P.E.	60%	Tallahassee
Octavio "Oats" Reis, P.E.	30%	Stuart
Jerry A. Compton	50%	Stuart

In addition, **Creech Engineers, Inc.** will support the project on a daily basis. Taking into account project review periods, and coordination with Leon County, the proposed project shall receive full attention to ensure completion on schedule and within budget.

The current workload of **Creech Engineers, Inc.** Tallahassee Branch Engineering Division consists of the following:

Contract Type	Client	Project	% Complete
Continuing Services	City of Live Oak	Lift Station Modifications	80%
Continuing Services	City of Chiefland	2009 CDBG	80%
Land Development	CenterPoint	Carmax TLH	20%
Public	Gilchrist Ross Crowe	FSU/FAMU COE Phase III	20%
Public	EMO Architects	Gadsden Re-Entry Center	80%
Land Development	Educational Realty Trust	Jefferson Commons	80%

Creech Engineers, Inc. is seeking new projects and workload to fill our backlog. We stand ready, willing and able to serve Leon County.

Firm Name & Address:

Creech Engineers, Inc.
418 East Virginia Street, Tallahassee, Florida 32301

Office Location:

Tallahassee, Leon County

Telephone Number:

850-841-1705

Contact:

Sean Marston, P.E.
Vice President, Tallahassee Branch Manager

Email Address:

smarston@creechinc.com

Project Approach

Development of a sound approach and methodology is of paramount importance for completion of the proposed improvements in a timely and cost effective manner. Our team's approach to any project, regardless of the size and the nature, is to take pride and personal interest in the assignment and provide the best product to our clients. This is reflected in the continued long-term professional association and repeat assignments we have enjoyed with all the clients that we have served.

Our team manages projects with strong emphasis on responsiveness, commitment of key personnel, accountability, and schedule/cost control.

Responsiveness – We believe the key to successful projects with Leon County is responding to their needs. Almost all projects experience changes in direction as the planning or design becomes more focused or as a result of input from regulatory agencies and the Creech Team is committed to provide outstanding services and be readily available to our clients.

Commitment of Key Personnel – Key staff that have worked on previous continuing service contracts have been identified to work on this highly visible project.

Accountability – Our team will provide a key client contact that will be personally responsible for all aspects of this project.

Schedule/Cost Control – Our team utilizes scheduling software and quality control checklists to ensure that each project meets all key milestones and deadlines and that each project is technically accurate. The critical path will be identified early and the schedule will be created appropriately.

Based upon our research and our experience, we have a clear understanding of the scope of services and the goals for continuing service projects. The following section illustrates our general approach.

Approach – Our team is experienced and proven to provide Leon County with fast responsive service. The Creech Team believes in a hands-on approach and will constantly meet with Public Work's staff to ensure modifications that were learned on previous projects get incorporated into this important project.

The proposed continuing service projects can consist of stormwater, roadway, utility and parks and recreation. The Creech Team has vast experience in these type projects, success begins with the clear concise communication between the County Project Manager and the Creech Branch Manager. Creech will keep good records of meeting minutes, emails and correspondence so that the project understanding is above question.

Parks and Recreation

Creech Engineers has a good understanding of the County Park System having coached last year in the Big Bend Pop Warner Program and utilizing the facilities at Apalachee Regional Park. Creech also has well documented experience in various park and recreation facilities for municipalities and FDEP all over the state.

Once Creech is awarded a parks and recreation project we will meet with the County Project Manager and the Parks and Recreation Department to fully understand the project. We will research all available information such as surveys, previous plans and permits so that we have educated ourselves with the available resources.

We understand that all parks and recreational facilities have basic needs such as parking, convenient recreational areas, utilities, concession areas and restrooms. Creech will work with the project manager that all the needs are identified or problem areas are addressed.

With the feedback from the County Staff Creech will develop a set of plans that are clear and concise for the contractor to bid. We will work with the Department of Growth Management and the Northwest Florida Water management district early in the project to ensure timely project buy-in. Once the plans are complete Creech will prepare the submittal packages for the regulatory agencies.

Below is a detailed scope of services we envision for a typical Leon County Continuing Services Project:

Phase I – Preliminary Design

Design and development of construction drawings will begin, following site surveys, and subsurface investigations. This will establish the existing conditions and constraints of the site and set the direction for design and construction of site work and utilities for the new construction. General information and basic details regarding design and contract documents will be started early prior to completing surveys and subsurface investigations to aid in accelerating the schedule.

Phase II – Detail Design

A brief outline of detail design work elements follows:

Following completion and acceptance of the preliminary work, preparation of contract documents for construction of the stormwater system improvements will commence. A design survey will be performed to provide the basis of the site engineering. These surveying services will be coordinated with the design team.

Site/Civil drawings will be prepared on sheets showing a plan view and typical sections. All plans will be prepared and available electronically or if at the option of the County on standard 4 mil, 24-inch by 36-inch bond along with an AutoCAD file on CD.

Cost estimates will be prepared at design points designated by the County. The estimates could correspond with interim and final design package review submittals.

Quality assurance and quality control (QA/QC) is provided up front on all projects. Jeffery Norris, P.E. may conduct a peer review process designed to objectively critique design concepts and alternative evaluation. Mr. Norris has valuable experience with stormwater construction projects. QA/QC will also be provided on the project through a detailed, regimented check function of plans and specifications designed to locate and eliminate coordination problems among disciplines.

Permits will be applied for from all applicable state and local agencies. We again emphasize the importance of permits to project schedule and cost. We believe the project team is in a strong position to minimize permitting impacts on this project.

Regulatory participatory programs could be utilized to build consensus with the purpose of collaboratively creating a program that is mutually acceptable to all key parties involved. The key items of the program would be designed to facilitate the examination of the problems, opportunities, and objectives of the project. The program will ensure that all the basic needs and ideas of the groups are identified and carefully considered by key parties. The key parties would be able to jointly create mutually acceptable goals and parameters for the proposed design.

The process for developing the program envisioned by the project team consists of these key elements:

- A series of meetings with all regulatory agencies participating;
- Ongoing problem solving sessions involving key staff members of the regulatory municipalities and DC staff; and
- A concluding problem solving session involving the parties, which participated in the first session prior to submittal of final documents.

The sessions will aid in uniformity in review of the project and reduce the amount of conflicting reviews by the agencies.

Phase III – Services During Construction

In order to achieve a well constructed properly functioning project, the project team will provide comprehensive professional, construction phase engineering. Construction phase engineering is divided into two parts:

Office engineering is composed of:

- Assistance to County in securing bids, tabulating bid results, and providing recommendations on the award of construction contracts;
- Consultation and advice to County as to the acceptability of subcontractors or substitute materials or methods of construction when the contract requires Owner's approval;
- Checking detailed construction drawings and shop or erection drawings submitted by the Contractor which show how they plan to meet the design concept;
- Review of laboratory and mill test reports on materials or equipment; and
- Providing supplemental sketches required to resolve problems which arise during construction due to actual field conditions or change orders.

Field Engineering for this project will be composed of:

- Resident observation to assess the quality and acceptability of the work as it is put in place, and to assure compliance with plans, specifications, and the design intents (if desired);
- Periodic visits to the project by experienced and qualified engineering design professionals to observe the progress and quality of the work;
- Issuing instructions to the contractor from the County clarifying contract documents, preparing required change orders, and preparation of record drawings;
- Determining amount of progress payments due based on completion of the work, and recommending issuance of such payments to the contractor; and
- Make final inspection and recommend final acceptance and payment to the Contractor.

Completing a successful project through the construction phase by providing competent, professional Office and Field Engineering is a task the project team is well qualified to perform. Strong construction phase engineering benefits all parties by assuring the project is well constructed, fully functional, and cost effective.

UTILITY ENGINEERING

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- A. Ability of Professional Personnel
- B. Experience with Projects of a Similar Type & Size
- C. Willingness to Meet Schedule & Budget Requirements
- D. Effect of Firm's Recent, Current & Projected Workload
- E. Effect of Project Team Location
- F. Approach to the Project

RICHARD T. CREECH, P.E., P.S.M.

President, Principal-In-Charge

Mr. Creech's 30 years of extensive experience includes planning, design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

REPRESENTATIVE PROJECTS INCLUDE:

Academic Credentials

BS Carnegie Mellon University, Carnegie Institute of Technology, Civil Engineering, 1983

Professional Registration

- Professional Surveyor & Mapper, State of Florida License No. 5760
- Professional Engineer State of Florida License No. 38592

Professional Affiliations & Honors

- Young Engineer of the Year FES Treasure Coast Chapter 1990 and 1994
- Engineer of the Year FES Treasure Coast Chapter, 1998
- Florida Institute of Consulting Engineers Grand Awards in 1998 and 2004
- Florida Engineering Society
- Florida Surveying & Mapping Society
- CMU Outstanding Alumnus Service Award for 2008,
- President of CMU Alumni Association Board
- Chairman Jensen Beach High School Pre-Engineering Academy

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Topographic Surveys
- Design Surveys
- Expert Consulting

- **Continuing Service Contracts:** Project Manager or Principal-in-Charge for municipal continuing service contracts including utilities, stormwater, and roadway. Which include the cities of Port St. Lucie, Stuart, Cocoa Beach, West Melbourne and Tallahassee, and the counties of Brevard, Indian River, St. Lucie, and Martin.
- **University, College, and K-12 campuses throughout Florida:** Principal-in-Charge or Project Manager on dozens of educational campuses throughout Florida.
- **Seven (7) Community Redevelopment Areas (CRA) in Martin County, Florida:** The overall Project Manager and client liaison. Project involved development of stormwater, water, and wastewater master plans to address existing deficiencies and future development for seven (7) different CRAs
- **Salerno Creek Stormwater Treatment Retrofit, Port Salerno, Martin County, Florida:** The project was a 23-acre regional stormwater detention pond and passive park, and was designed to serve the oldest, most intensely built-out drainage sub-basin of the Manatee Pocket, which discharges into the sensitive St. Lucie Estuary.
- **Colorado Avenue (extension of Kanner Highway) from SR 5/US1 to East Ocean Boulevard, Martin County, Florida:** This 0.4-mile five lane urban roadway rehabilitation project included storm drainage system replacement (15-inch to 30-inch RCP), asphalt pavement milling and re-surfacing, water and sewer line replacements, landscaping, decorative street lighting, sidewalk replacement, sidewalk coloring, and re-striping.
- **Dept of Juvenile Justice Facilities, throughout the State of Florida:** Principal-In-Charge or Project Manager on approximately 30 DJJ facilities providing engineering and/or survey services.
- **US 1 Pavement Widening; West Jensen PUD, Martin County, Florida:** SR5/US1 was widened from four lanes to eight lanes from Jensen Beach Boulevard north to Port St. Lucie Boulevard, approximately.
- **N.E. Goldenrod Road (East and West Separately) Martin County, Florida:** This four lane road winds from East to West between Jensen Beach Boulevard and Westmoreland Boulevard (approximately 1.8 miles of two-lane roadway) and incorporated access to the developing residential & commercial projects.

SEAN MARSTON, P.E.

Vice President, Project Manager

Mr. Marston has more than 18 years of experience in the civil engineering discipline. His rich background grants him the expertise in both public and private sectors. He has a proven track record in providing client satisfaction, managing multi-discipline design teams, and delivering a quality product on time and within budget. Mr. Marston has extensive experience in the planning, design, and construction of large scale institutional and commercial facilities. His experience also includes stormwater, water distribution, sewer collection, and roadway design for municipalities. Mr. Marston has extensive experience in permitting projects through various state and local agencies including, Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), all five Water Management Districts and multiple City and Counties throughout the State of Florida.

Academic Credentials

BS Florida State University,
Civil Engineering, 1996,
Tallahassee, Florida

Professional Registration

- Professional Engineer,
State of Florida #55987
- Professional Engineer,
State of Georgia
#031786
- Professional Engineer,
State of Alabama
#28396-E
- Florida Qualified
Stormwater Inspector
Florida Department of
Environmental
Protection

Professional Affiliations

- Florida Engineering
Society
- Chairman FES K-12 Big
Bend
- Fallschase Board of
Directors
- Southside Kiwanis
- FSU/FAMU Industry
Advisor

REPRESENTATIVE PROJECTS INCLUDE:

- **City of Live Oak Lift Station Modifications:** Creech Engineers was selected for a CDBG project in Live Oak, FL. to upgrade three lift stations. The lift stations were located in various areas of the City and in bad repair. We had to analyze the drainage areas for each lift station and account for future growth based on the future land uses. One lift station was located within the middle of the Anna Street Right of Way. Creech worked with the City and the North Central Florida Regional Planning Council to locate a property to site the new lift station. Another lift station was located within a 15 foot easement and the City was negotiating with a property owner for additional property during design. After the bid the negotiations fell through and Creech was able to respond by adjusting the design to rehabilitate the lift station in place with minimal impacts on the project.
- **Utility Extensions for Suwannee Correctional Live Oak, Suwannee County, Florida:** Mr. Marston is serving as Project Manager for this 4,000 inmate state prison facility and the associated support buildings and infrastructure. This project will be constructed in phases due to Florida Legislative Funded. His responsibilities included assuring project schedule, planning and site layout, attending project meetings, design, permitting and construction observation. Mr. Marston assisted the Department of Corrections in negotiating a development agreement with the City of Live Oak to provide utilities to the site. This project also includes 12-miles of offsite utility construction.
- **City of Chiefland 2009 CDBG:** Creech worked with the City to develop a project for the CDBG funding which included providing sanitary sewer for two areas of the City and two new pump stations. The major lift station upgrade was on a station that was manifold into a system that has eight pump stations tied together. Creech had to research old records and pump curves to develop a hydraulic model which evaluated the pressures on the upgraded lift station.

Principal Areas of Expertise

- Master Planning
- Site Development Engineering
- Large Scale Land Development
- Site Assessment/Site Due Diligence
- Entitlements
- Permitting & other Approvals
- Project Management
- Sub-consultant Management
- Contract Administration
- Roadway Design
- Water, Sewer, Stormwater, and Roadway Design
- Construction Observation and Administration
- Water and Wastewater Design

Employment Record

- 2006 – Present
Creech Engineers, Inc.
- 2004 – 2006
Florida Department of Corrections
- 2002 – 2004
Moore Bass Consulting
- 1993 – 2002
William M. Bishop C

- **Potable Water System-Suwannee C.I., Suwannee County, Florida:**
This project was unique in that the prison site was at an elevation 90 feet above the City of Live Oak 7 miles to the west. Therefore the prison site needed an elevated tank to provide fire protection and along the interconnection route a pressure reducing valve was designed so that the City could accept water from the prison well field. Creech performed the hydraulic modeling to size the pipes of the distribution system around the prison site and the interconnection to the City of Live Oak water system. Suwannee C.I. was constructed with two 750 gpm wells, 300,000 gal elevated water tank, 5,000 LF of 6", 2,400 LF of 8", 9,000 LF of 10" and 4,000LF of 12' water pipe.
- **Gadsden Re-Entry Center, Gadsden County, Florida** Engineer of Record who worked with Talquin Electric the water and sewer utility provider to provide service to the Re-Entry Center. The Re-Entry Center was designed with a pump station and comminuter to pump to the existing FPSI sewer collection system. The master pump station for the FPSI was evaluated for capacity since it also serves the East Gadsden High School. The pump station was found to have adequate capacity for the Re-Entry Center. Creech also designed the water distribution system expanding the existing 12 inch water line to serve the compound.

JEFFREY O. NORRIS, P.E.
Chief Engineer

Academic Credentials

Northeastern University,
Boston, Massachusetts
BS - Civil Engineering
1978

Professional Registration

- Professional Engineer
State of Florida
License No. 49283
- FDEP Qualified
Stormwater Management
Inspector Registration
No. 19505

Professional Affiliations

- Florida Engineering
Society (FES)
- National Society of
Professional Engineers

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Water and Wastewater
- Stormwater Design
- Roadway Design
- Project Permitting
- Land Development
- Construction Admin
- Erosion Control

Mr. Norris has over 30 years of experience in all phases of civil engineering design, permitting, and project management. His responsibilities include Quality Assurance and Quality Control (QAQC). His experience includes water and wastewater systems, stormwater management, roadway design, master planning, construction cost analysis, and construction management.

REPRESENTATIVE PROJECTS INCLUDE:

- **Martin County Community Redevelopment Areas (CRA), Martin County, Florida:** Supervising P.E./QAQC for project coordination and stormwater, water, and wastewater master planning for seven (7) CRA's (approx. 7,300 acres).
- **Suwannee County Rural Catalyst Feasibility Study, Suwannee County, Florida:** QAQC for utilities feasibility from Live Oak, Florida to proposed 100 acre industrial site; approx. 40,000 ft. each – water, force main and reuse main.
- **Live Oak Lift Stations, Live Oak, Florida:** QAQC for 3 new lift stations to replace existing facilities.
- **Supermarket Center, Orange County, Florida:** QAQC for site design, utilities, roads, and stormwater; 1,480 ft. water, 930 ft. sewer.
- **Commercial Home Center, Palm Beach County, Florida:** PE & QAQC for site design, utilities, roads, and stormwater; 3,800 ft. water, 1,000 ft. sewer, 1,450 ft. force main, 1 lift station.
- **Quantum Lakes Mixed Use, Boynton Beach, FL:** PE & QAQC for site design, utilities, roads, and stormwater; 3,900 ft. water, 1,970 ft. sewer.
- **The Estates at Entrada, Lee County, Florida:** PE & QAQC for site design, utilities, roads, and stormwater; 4,500 ft. water, 2,600 ft. sewer, 3,100 ft. force main, 1 lift station, 1 canal crossing.
- **The Pine School (St. Michaels), Martin County, Florida:** QAQC for site design, utilities, and stormwater; 3,400 ft. water, 1,250 ft. sewer, 5,000 ft. force main, 1 lift station.
- **The Ritz-Carlton Golf Club, Jupiter, Florida:** PE for site design, utilities, roads, and stormwater; 13,200 ft. water, 12,000 ft. sewer, 7,600 ft. force main, 1,800 ft. reuse main, 3 lift stations.
- **The Bear's Club, Jupiter, Florida:** PE for site design, utilities, and stormwater; 23,400 ft. water, 13,200 ft. sewer, 10,300 ft. force main, 4,800 ft. reuse main, 5 lift stations.

OCTAVIO "OATS" REIS, P.E., M.ENG., M.B.A.
Project Manager

Academic Credentials

- B.S. - Cornell University, Agricultural Engineering, 1986
- M.Eng. Cornell University, Agricultural Engineering, 1988
- M.B.A. Auckland University, 2002

Professional Registration

- Professional Engineer State of Florida
License #65661
- FDEP Qualified Stormwater Management Inspector
Registration No. 19505
- LEED® AP - New Construction
Registration No. CEE834D050
- FDOT Advanced Maintenance of Traffic (MOT) Certification

Professional Affiliations

- Florida Engineering Society
- National Society of Professional Engineers

Principal Areas of Expertise

- Project Management
- Water and Wastewater Distribution Design, Permitting and Construction Services
- Lift Station Design
- Stormwater Management
- Roadway Design
- Land Development

Mr. Reis' 20 years of local and international engineering and project management experience for both government and private clients, includes a variety of utility infrastructure, roadway, and stormwater projects for municipal, residential, commercial, and agricultural sites.

REPRESENTATIVE PROJECTS INCLUDE:

- **Jensen Beach Community Center, Martin County, Florida:** Engineer of Record for the civil engineering and utilities infrastructure portion for the new County building.
- **Force Main Replacement: Seminole Tribe of Florida:** Engineer of Record for the replacement of 12" Force Main across the Turnpike within the Seminole Tribe of Florida Hollywood reservation.
- **Master Utilities Planning: Seminole Tribe of Florida:** Project Manager for various studies conducted for the expansion of water and wastewater services to the Hollywood Reservation. Utilities Accommodation coordination with FDOT regarding the expansion of the Turnpike within the Reservation.
- **Community Redevelopment Areas Master Plans, Martin County, Florida:** Design Engineer for the Martin County project for the development of stormwater, water, and wastewater master plans for the seven (7) different CRAs.
- **Paradise Park Paving and Drainage, Fort Pierce, St. Lucie County, Florida:** Engineer of Record for a St. Lucie County project to renovate an existing subdivision in Fort Pierce by paving local roads, relocating utilities and constructing a stormwater system to provide water quality, runoff attenuation and flood control.
- **Private Commercial Projects, Martin County, Florida:** Engineer of Record on various projects within the City of Stuart and Martin County: Toyota of Stuart, Palm City Shoppes, Holiday Inn, Kanner Retail Shoppes, Harley Davidson, Crossroad Community Church, Covenant Fellowship Baptist Church, 709 Properties, Harbour Walk and Harborage.
- **Product Specification and Sales:** 5 years experience working for an overseas division of Tyco Water Flow Control Products: manufacturers and distributors of valves, backflow preventers, water meters, filters, pumps, pipe and fittings for the water and wastewater industry.

JERRY A. COMPTON

Vice President, Branch Manager, Client Liaison, QA/QC

Academic Credentials

- AS Palm Beach Junior College, Engineering Technology, 1987
- AA Indian River State College, Engineering Technology, 1996

Professional Registration

- FDEP Qualified Stormwater Management Inspector No. 16735

Principal Areas of Expertise

- Quality Assurance
- Quality Control
- Project Management
- Roadway Design
- Water and Wastewater Distribution Design, Permitting and Construction Services
- Erosion Control
- Project Permitting
- Construction Admin
- Land Development

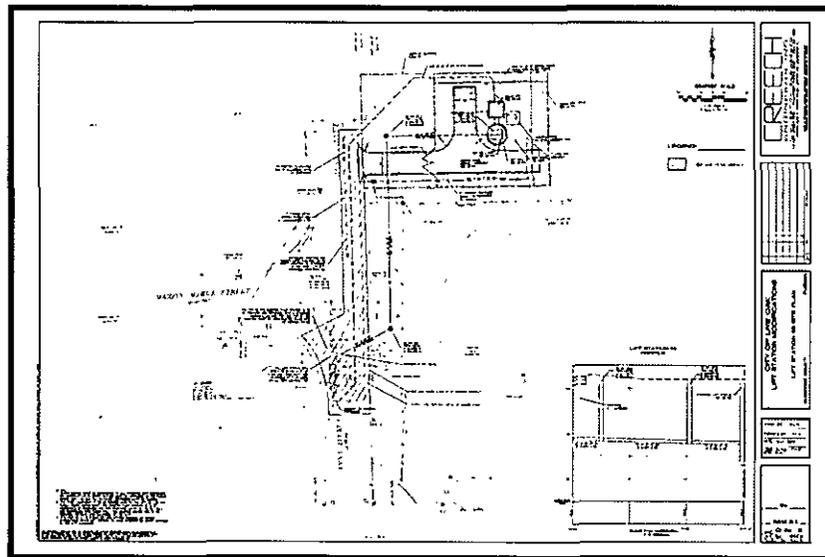
Mr. Compton serves as Branch Manager of our Stuart office with more than 16 years of experience in the civil engineering discipline. His is experience includes planning, design, water and wastewater calculations, stormwater management system design, permitting, project management and construction management of multi-disciplined municipal, State, and private development projects throughout the State of Florida.

Representative Projects Include:

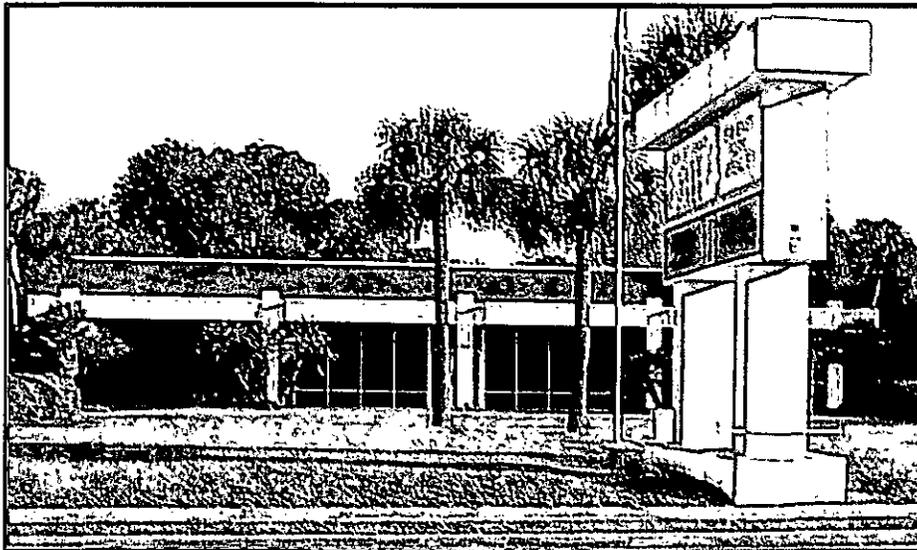
- **Martin County Aquatics Center, Martin County, Florida:** Supervising Manager for the design of the County Aquatic Center with four pools and associated parking field as part of a design-build team. Project included the coordination between Martin County and the City of Stuart Utilities Departments for the onsite and offsite utility improvements required for the project.
- **City of Stuart Capital Improvements, Martin County, Florida:** Project Engineer for multiple drainage and street improvements including Kindred Street, Cortez Avenue, Fini Drive, Dunscombe Street, and Church Street.
- **Frazier Crescent Water & Sewer upgrades, Stuart, Florida:** Project Manager for retrofit project that served over 70 residences and small businesses.
- **7th Avenue, Miami Gardens, Dade County, Florida:** Supervising Manager for the design layout for paving & drainage improvements, utilities coordination, signing & marking plans, maintenance of traffic, and road surveys. Supervised the administration and inspection of the roadway construction.
- **Home Improvement Warehouses (over 15 completed stores) across the state of Florida:** Project Manager responsible for overseeing design and permitting of all phases of the commercial projects, including site assessment, schedule, budget, stormwater design, roadway design, offsite roadway and utility design, onsite utility design, and site layout. Responsible for all portions of construction observation and certification.
- **Community College Parkway Relocation, City of Palm Bay; Brevard County, Florida:** Project Manager for the layout, drainage, pavement marking design and utilities coordination of 1250 lineal feet of two lane roadway that was relocated 100 feet south of its original location. Mr. Compton supervised the administration and inspection of the roadway construction.
- **S.R. 707 / Wright Boulevard Turn Lane, City of Stuart, Florida:** Supervising Manager for the turn lane improvements for S.R. 707 as part of an FDOT ARRA funded project. Martin County managed the project through FDOT's Local Agency Program.

PROJECT EXPERIENCE

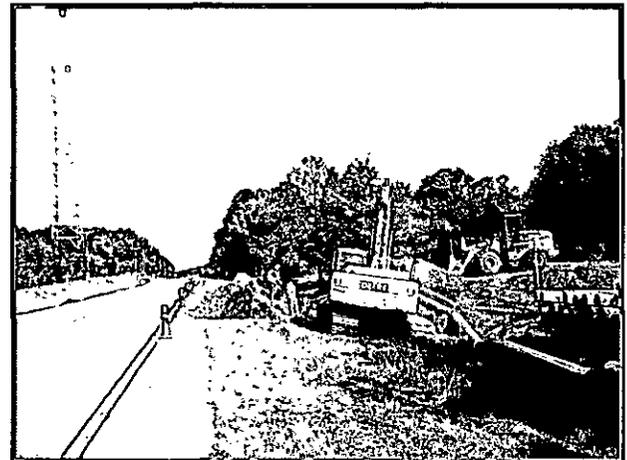
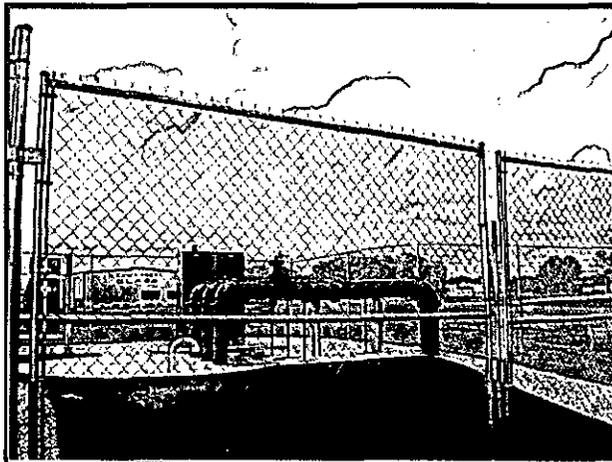
Client	City of Live Oak
Contact Name	Mr. Robert Farley, City Administrator
Address	101 White Avenue SE, Live Oak, Florida 32064
Phone number	386-362-2276
Nature of Work	<i>City of Live Oak Lift Stations Upgrade, Live Oak, Florida:</i> Creech Engineers was selected for a CDBG project in Live Oak, FL. to upgrade three lift stations. The lift stations were located in various areas of the City and in bad repair. We had to analyze the drainage areas for each lift station and account for future growth based on the future land uses. One lift station was located within the middle of the Anna Street Right of Way. Creech worked with the City and the North Central Florida Regional Planning Council to locate a property to site the new lift station. Another lift station was located within a 15 foot easement and the City was negotiating with a property owner for additional property during design. After the bid the negotiations fell through and Creech was able to respond by adjusting the design to rehabilitate the lift station in place with minimal impacts on the project.
Year Completed	On-Going



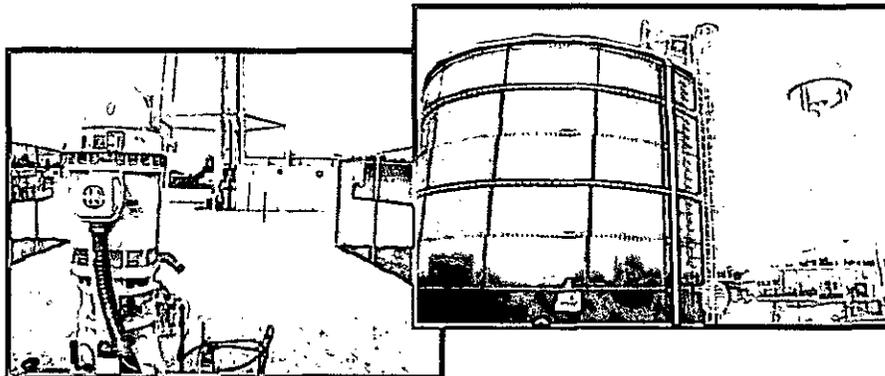
Client	City of Chiefland
Contact Name	Ms. Laurie Copeland
Address	Chiefland City Hall, 214 East Park Avenue, Chiefland, Florida 32626
Phone number	352-493-6711
Nature of Work	<u>City of Chiefland 2009 CDBG, Chiefland, Florida:</u> Creech Engineers was selected for engineering services for the 2009 City of Chiefland CDBG project. Creech worked with the City to develop a project for the CDBG funding which included providing sanitary sewer for two areas of the City and two new pump stations. Also included was a major lift station upgrade. The major lift station upgrade was on a station that was manifold into a system that has eight pump stations tied together. Creech had to research old records and pump curves to develop a hydraulic model which evaluated the pressures on the upgraded lift station. This was necessary to properly design pumps for the upgrade. The project is due to bid in April 2011 and Creech will perform the construction observation services.
Year Completed	On-Going



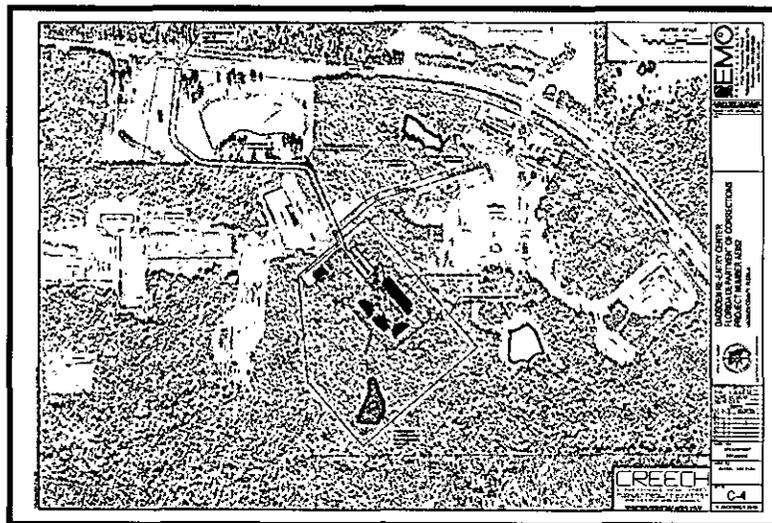
Client	Florida Department of Corrections
Contact Name	Mr. Stephen Grizzard, Bureau Chief
Address	2601 Blair Stone Road, Tallahassee, Florida 32399
Phone number	850-410-4111
Nature of Work	<p><u>Utility Extensions for Suwannee CI, Live Oak, Florida:</u> Creech Engineers was the project manager for the design and development of the Suwannee Correctional Institution a 4,000 inmate major state prison. Creech assisted the State in negotiating utility service from the City of Live Oak. The City services were approximately 7-miles from the project site. Originally the City of Live Oak determined that the prison would pump wastewater to their existing collection system and ultimately drain to the wastewater treatment plant. However during our initial modeling Creech determined that if the prison tied to the existing City of Live Oak sanitary system major upgrades of the existing system would need to be upgraded.</p> <p>Creech worked with the state and the city to develop an alternate forcemain route that would ultimately discharge to the wastewater treatment plant. This alternate route includes a secondary pump station to pump the flow the entire 13 miles. Creech ended up designing 7 miles of 12" water line and 13 miles of 12" forcemain including two pump stations.</p>
Year Completed	2009



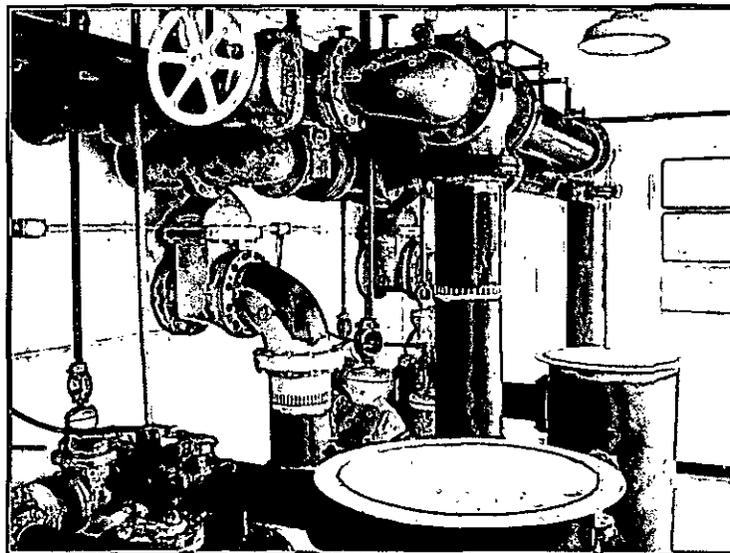
Client	Florida Department of Corrections
Contact Name	Mr. Stephen Grizzard, Bureau Chief
Address	2601 Blair Stone Road, Tallahassee, Florida 32399
Phone number	850-410-4111
Nature of Work	<p><u>Potable Water System Suwannee CI, Live Oak, Florida:</u> As the project manager for the Suwannee Correctional Institution, Crech worked with the Department of Corrections, City of Live Oak and the Suwannee River Water Management District to develop a well field at the prison site. The prison site was a 316 acre site that was evaluated to have three potable water wells developed. Since the City was to ultimately own and operate the water system Crech worked with the City and SRWMD to modify the City's existing consumptive use permit. This project was unique in that the prison site was at an elevation 90 feet above the City of Live Oak 7 miles to the west. Therefore the prison site needed an elevated tank to provide fire protection and along the interconnection route a pressure reducing valve was designed so that the City could accept water from the prison well field. Crech performed the hydraulic modeling to size the pipes of the distribution system around the prison site and the interconnection to the City of Live Oak water system. Suwannee C.I. was constructed with two 750 gpm wells, 300,000 gal elevated water tank, 5,000 LF of 6", 2,400 LF of 8", 9,000 LF of 10" and 4,000LF of 12' water pipe.</p> <p>Crech also designed a reuse system for use at the prison. The prison uses reuse water for toilet flushing, laundry and irrigation. The reuse system comprised of a 200,000 gallon ground storage tank, high service pumps and distribution system.</p>
Year Completed	2009



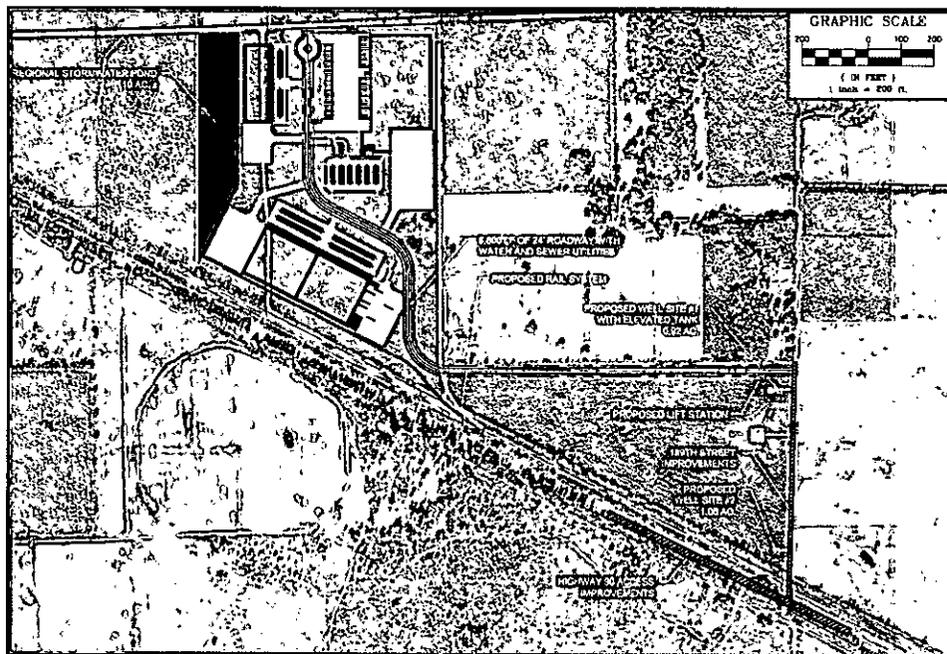
Client	Florida Department of Corrections
Contact Name	Mr. Robert Ihasz, EMO Architects
Address	1126 Thomasville Road, Tallahassee, Florida 32303
Phone number	850-222-8000
Nature of Work	<p><u>Gadsden Re-entry Center, Gadsden County, Florida:</u> The Florida Department of Corrections (DC) is constructing a new prison compound focusing on inmate re-entry into society, as a means of reducing the recidivism rate. The Re-entry Center will be located at the Florida Public Safety Institute (FPSI) (formally known as the Pat Thomas Law Enforcement Academy). The center will consist of three dormitories that will house approximately 432 inmates, support buildings, maintenance area and warehouse.</p> <p>Creech worked with Talquin Electric the water and sewer utility provider to provide service to the Re-Entry Center. The Re-Entry Center was designed with a pump station and comminuter and pump to the existing FPSI sewer collection system. The master pump station for the FPSI was evaluated for capacity since it also serves the East Gadsden High School. The pump station was found to have adequate capacity for the Re-Entry Center. Creech also designed the water distribution system expanding the existing 12 inch water line to serve the compound.</p> <p>The project was recently bidding and awarded once construction begins Creech will perform the construction observations for the civil/sitework.</p>
Year Completed	On-Going



Client	Florida Department of Juvenile Justice
Contact Name	Mr. William Gravely, Architect Supervisor
Address	2737 Centerview Drive, Tallahassee, Florida 32399
Phone number	850-921-7835
Nature of Work	<u>Okeechobee Youth Detention Center, Okeechobee, Florida:</u> Creech Engineers assisted the Florida Department of Juvenile Justice on a FDEP Consent Order for their water treatment plant at the Okeechobee Youth Detention Center. The Consent Order was due to high levels of Tri-halo methane. Creech evaluated the plant and developed an Action Plan as part of the Consent Order. Creech monitored the THM levels during repairs and reported to FDEP. The action plan include some minor repairs to the system to attempt to correct the problem, if the minor repairs were unsuccessful major up grades were necessary. Unfortunate the minor repairs did not elevate the problem but before major upgrades to the system were designed Creech assisted DJJ in connecting to the Okeechobee water system.
Year Completed	N/A



Client	City of Live Oak
Contact Name	Mr. Robert Farley, City Administrator
Address	101 White Avenue SE, Live Oak, Florida 32064
Phone number	386-362-2276
Nature of Work	<u>Suwannee Catalyst Project, Live Oak, Florida:</u> As part of Creech's continuing engineering services contract, Creech performed feasibility studies for utility services for a Catalyst project planned for an area near the Interstate 10 / Highway 90 interchange. The Catalyst project included many municipal partners to develop an industrial park which would provide jobs for the region. The project received funding from the Office of Trade, Tourism and Economic Development for Master Planning. Creech evaluated a wellfield, elevated tank, water tie into the City system, master lift station and associated forcemain, and reuse water extensions. The utility extensions from the City are approximately 7 miles from the catalyst site. Creech performed hydraulic modeling for the water system improvements. Creech also estimated the future sewer flows that would be expected at the interstate interchange due to the utility expansions. Creech completed the feasibility studies which included meeting with all of the regulatory agencies that would have the authority over the expedited permitting. Once the federal funds are available the remaining design will be completed.
Year Completed	On-Going



Creech Engineers, Inc. understands the importance of keeping a project on budget and within schedule, especially considering the current economic conditions and budgetary issues that municipalities are facing.

Creech Engineers, Inc. utilizes Deltek's Advantage Software which provides its Project Managers with a number of reports from detailed cost analysis to project-to-date summaries. **Creech Engineers, Inc.** also incorporates electronic timesheets, in which all employees log in their time daily. The Project Manager accesses this data each week to evaluate cost, production rates, schedules, invoicing, and accounts receivable. This effectively allows the Project Manager to make required actions before task budgets go over.

Furthermore, **Creech Engineers, Inc.** tracks the hourly use of time versus the budgeted time for each project. We have accumulated enough typical man-hour data to schedule tasks and establish an accurate budget forecast. The Project Manager utilizes this information and Microsoft Project to identify tasks, resources, project milestones, key client due dates and task coordination. With respect to project schedules and control, the Project Manager reviews deliverable deadlines and then schedules the necessary work efforts and review periods with staff to ensure the deadlines are met and costs are maintained.

Utilizing the above-mentioned software and procedures, **Creech Engineers, Inc.** is able to help clients reduce costs and maintain schedules on a daily and weekly basis.

Creech Engineers, Inc. is accustomed to meeting intense deadlines for our clients. We know *the only constant is change* and we always remain prepared to switch gears as soon as necessary. This constant awareness and attention to our projects has allowed us able to complete our projects on time and within budget.

STATEMENT:

Creech Engineers, Inc. offers Leon County the willingness to meet time and budget requirements of tasks requested by the County.

Creech Engineers, Inc. has the ability to devote all necessary human resources and management attention to Leon County projects. Our staff is in the position to be able to accept this project without reduction in present workload responsibilities. We understand the necessity of maintaining the availability of the key personnel committed to Leon County. The following represents the available time percentage for key professional personnel assigned to serve Leon County.

Creech Engineers, Inc. Team Member	Availability	Location
Richard T. Creech, P.E., P.S.M.	50%	Tallahassee
Sean Marston, P.E.	70%	Tallahassee
Jeffrey O. Norris, P.E.	60%	Tallahassee
Octavio "Oats" Reis, P.E.	30%	Stuart
Jerry A. Compton	50%	Stuart

In addition, **Creech Engineers, Inc.** will support the project on a daily basis. Taking into account project review periods, and coordination with Leon County, the proposed project shall receive full attention to ensure completion on schedule and within budget.

The current workload of **Creech Engineers, Inc.** Tallahassee Branch Engineering Division consists of the following:

Contract Type	Client	Project	% Complete
Continuing Services	City of Live Oak	Lift Station Modifications	80%
Continuing Services	City of Chiefland	2009 CDBG	80%
Land Development	CenterPoint	Carmax TLH	20%
Public	Gilchrist Ross Crowe	FSU/FAMU COE Phase III	20%
Public	EMO Architects	Gadsden Re-Entry Center	80%
Land Development	Educational Realty Trust	Jefferson Commons	80%

Creech Engineers, Inc. is seeking new projects and workload to fill our backlog. We stand ready, willing and able to serve Leon County.

Firm Name & Address:

Creech Engineers, Inc.
418 East Virginia Street, Tallahassee, Florida 32301

Office Location:

Tallahassee, Leon County

Telephone Number:

850-841-1705

Contact:

Sean Marston, P.E.
Vice President, Tallahassee Branch Manager

Email Address:

smarston@creechinc.com

Project Approach

Development of a sound approach and methodology is of paramount importance for completion of the proposed improvements in a timely and cost effective manner. Our team's approach to any project, regardless of the size and the nature, is to take pride and personal interest in the assignment and provide the best product to our clients. This is reflected in the continued long-term professional association and repeat assignments we have enjoyed with all the clients that we have served.

Our team manages projects with strong emphasis on responsiveness, commitment of key personnel, accountability, and schedule/cost control.

Responsiveness – We believe the key to successful projects with Leon County is responding to their needs. Almost all projects experience changes in direction as the planning or design becomes more focused or as a result of input from regulatory agencies and the Creech Team is committed to provide outstanding services and be readily available to our clients.

Commitment of Key Personnel – Key staff that have worked on previous continuing service contracts have been identified to work on this highly visible project.

Accountability – Our team will provide a key client contact that will be personally responsible for all aspects of this project.

Schedule/Cost Control – Our team utilizes scheduling software and quality control checklists to ensure that each project meets all key milestones and deadlines and that each project is technically accurate. The critical path will be identified early and the schedule will be created appropriately.

Based upon our research and our experience, we have a clear understanding of the scope of services and the goals for continuing service projects. The following section illustrates our general approach.

Approach – Our team is experienced and proven to provide Leon County with fast responsive service. The Creech Team believes in a hands-on approach and will constantly meet with Public Work's staff to ensure modifications that were learned on previous projects get incorporated into this important project.

The proposed continuing service projects can consist of stormwater, roadway, utility and parks and recreation. The Creech Team has vast experience in these type projects, success begins with the clear concise communication between the County Project Manager and the Creech Branch Manager. Creech will keep good records of meeting minutes, emails and correspondence so that the project understanding is above question.

Utilities

Creech Engineers has valuable recent experience in utility design with the recent CDBG projects for the Cities of Live Oak and Chiefland and the major utility extensions for the Suwannee Correctional Institution.

Once Creech is awarded a utility project from Leon County we would immediately set up a meeting with the County Project Manager and begin gathering all the available project information. Creech will review all of the available drawings and permits to ensure that we have a solid understanding of the existing system.

Creech will work with the County Project Manager on designing the project as envisioned. We have developed a lift station design spreadsheet that we utilize in pump station design. Creech also utilizes WaterCAD in modeling water system expansions.

Creech will meet with the Project Manager at scheduled deliverable dates and whenever there is a need to meet. Creech will review all initial designs and modeling results with the County prior to initiating final design. Creech will also meet with regulatory agencies prior to final design to ensure project buy-in.

Below is a detailed scope of work envisioned for a typical Leon County Continuing Services Contract:

Phase I – Preliminary Design

Design and development of construction drawings will begin, following site surveys, and subsurface investigations. This will establish the existing conditions and constraints of the site and set the direction for design and construction of site work and utilities for the new construction. General information and basic details regarding design and contract documents will be started early prior to completing surveys and subsurface investigations to aid in accelerating the schedule.

Phase II – Detail Design

A brief outline of detail design work elements follows:

Following completion and acceptance of the preliminary work, preparation of contract documents for construction of the stormwater system improvements will commence. A design survey will be performed to provide the basis of the site engineering. These surveying services will be coordinated with the design team.

Site/Civil drawings will be prepared on sheets showing a plan view and typical sections. All plans will be prepared and available electronically or if at the option of the County on standard 4 mil, 24-inch by 36-inch bond along with an AutoCAD file on CD.

Cost estimates will be prepared at design points designated by the County. The estimates could correspond with interim and final design package review submittals.

Quality assurance and quality control (QA/QC) is provided up front on all projects. Jeffery Norris, P.E. may conduct a peer review process designed to objectively critique design concepts and alternative evaluation. Mr. Norris has valuable experience with stormwater construction projects. QA/QC will also be provided on the project through a detailed, regimented check function of plans and specifications designed to locate and eliminate coordination problems among disciplines.

Permits will be applied for from all applicable state and local agencies. We again emphasize the importance of permits to project schedule and cost. We believe the project team is in a strong position to minimize permitting impacts on this project.

Regulatory participatory programs could be utilized to build consensus with the purpose of collaboratively creating a program that is mutually acceptable to all key parties involved. The key items of the program would be designed to facilitate the examination of the problems, opportunities, and objectives of the project. The program will ensure that all the basic needs and ideas of the groups are identified and carefully considered by key parties. The key parties would be able to jointly create mutually acceptable goals and parameters for the proposed design.

The process for developing the program envisioned by the project team consists of these key elements:

- A series of meetings with all regulatory agencies participating;
- Ongoing problem solving sessions involving key staff members of the regulatory municipalities and DC staff; and
- A concluding problem solving session involving the parties, which participated in the first session prior to submittal of final documents.

The sessions will aid in uniformity in review of the project and reduce the amount of conflicting reviews by the agencies.

Phase III – Services During Construction

In order to achieve a well constructed properly functioning project, the project team will provide comprehensive professional, construction phase engineering. Construction phase engineering is divided into two parts:

Office engineering is composed of:

- Assistance to County in securing bids, tabulating bid results, and providing recommendations on the award of construction contracts;
- Consultation and advice to County as to the acceptability of subcontractors or substitute materials or methods of construction when the contract requires Owner's approval;
- Checking detailed construction drawings and shop or erection drawings submitted by the Contractor which show how they plan to meet the design concept;
- Review of laboratory and mill test reports on materials or equipment; and
- Providing supplemental sketches required to resolve problems which arise during construction due to actual field conditions or change orders.

Field Engineering for this project will be composed of:

- Resident observation to assess the quality and acceptability of the work as it is put in place, and to assure compliance with plans, specifications, and the design intents (if desired);
- Periodic visits to the project by experienced and qualified engineering design professionals to observe the progress and quality of the work;
- Issuing instructions to the contractor from the County clarifying contract documents, preparing required change orders, and preparation of record drawings;
- Determining amount of progress payments due based on completion of the work, and recommending issuance of such payments to the contractor; and
- Make final inspection and recommend final acceptance and payment to the Contractor.

Completing a successful project through the construction phase by providing competent, professional Office and Field Engineering is a task the project team is well qualified to perform. Strong construction phase engineering benefits all parties by assuring the project is well constructed, fully functional, and cost effective.