

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 Hill International, Inc.
(Firm Name)

(Authorized Representative)
Daniel P. Sokol
(Printed or Typed Name)

ADDRESS 7563 Phillips Highway
Building 300, Suite 301

CITY, STATE, ZIP Jacksonville, FL 32256

TELEPHONE 904-296-1004

FAX 904-296-1005

ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)

Addendum #1 dated 03/03/11 Initials DS Addendum #3 dated _____ Initials _____
Addendum #2 dated 03/08/11 Initials DS Addendum #4 dated _____ Initials _____

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

- a. Stormwater Engineering
- b. Roadway Design
- c. Traffic and Intersection Engineering
- d. Structural Engineering
- e. Geotechnical Services
- f. Environmental Support Services
- g. Construction Engineering and Inspection Services
- h. Surveying
- i. Subdivision and Site Development Engineering
- j. Parks and Recreational Facility Engineering
- k. Utility Engineering



Hill International

Hill International, Inc.
7563 Phillips Highway,
Building 300, Suite 301
Jacksonville, FL 32256
Tel: 904-296-1004
Fax: 904-296-1005
www.hillintl.com

March 17, 2011

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

Subject: Request for Proposal for Continuing Civil Engineering Services
Work Category - Construction Engineering and Inspection Services
Proposal No. BC-03-17-11-25

Dear Purchasing Division,

Hill International, Inc. (Hill) is pleased to submit this proposal to provide Continuing Civil Engineering Services, specifically in the work category of Construction Engineering and Inspection (CEI) Services, for Leon County projects. Hill offers strength and depth in all aspects of CEI Services, providing unmatched experience in inspection, testing, testing coordination, and project management in accordance with FDOT procedures.

We have extensive experience in federally funded and ARRA projects. We have worked on a multitude of projects that are federally funded (ARRA, LAP, and LPA) through DOT's, Cities, and Counties in many different states. We have contracts for projects with FDOT, the City of Palm Coast, the City of Jacksonville, the City of Port St. Lucie, Orlando-Orange County Expressway Authority, and Marion County. Our personnel are specifically trained in ARRA, LAP, and LPA requirements, including reporting, EEO, DBE, Prevailing Wage Rate, and OJT.

We understand the responsibilities that are inherent in working with Leon County and coordinating with the requirements local agency guidelines. As such, we assure you that all of our actions related to this work will be carried out with the highest possible degree of professionalism and integrity. Hill looks forward to the opportunity to provide services to Leon County, and we are hopeful we can make the County a client for years to come. Should you have any questions, or require additional information, please do not hesitate to contact me at 904-296-1004 or danielsokol@hillintl.com.

Very truly yours,
Hill International, Inc.

Daniel P. Sokol, PE
Vice President

Leon County, Florida

Continuing Civil Engineering Services

March 17, 2011 | RFP No. BC-03-17-11-25

TABLE OF CONTENTS

	SECTION
Cover Letter	
General Information	1
<i>Contractor Information</i>	<i>1.A</i>
<i>Executive Summary</i>	<i>1.B</i>
<i>Required Forms</i>	<i>1.C</i>
Specific Proposal Information	2
<i>Ability of Professional Personnel</i>	<i>2.A</i>
<i>Experience with Projects of a Similar Type and Size</i>	<i>2.B</i>
<i>Willingness to Meet Schedule and Budget Requirements</i>	<i>2.C</i>
<i>Effect of Firm's Recent, Current, and Projected Workload</i>	<i>2.D</i>
<i>Effect of Project Team Location</i>	<i>2.E</i>
<i>Approach to the Project</i>	<i>2.F</i>



1. General Information

1.A Contractor Information

Hill International, Inc.
7563 Phillips Highway
Building 300, Suite 301
Jacksonville, FL 32256
Tel: 904-296-1004
Email: danielsokol@hillintl.com

All Construction Engineering and Inspection Services work for Leon County will be performed from our Jacksonville office (address above).

1.B Executive Summary

Firm Overview

Hill International, Inc. (Hill) is a leading international construction consulting firm that provides program and project management, construction management, cost engineering and estimating, quality assurance, inspection, scheduling, claims analysis, innovative dispute resolution, and staff augmentation services to clients involved in major construction projects worldwide. Hill has the expertise and experience to manage major projects from concept to successful completion. We have successfully managed more than 5,000 projects with a total construction value over \$250 billion, and we are **the largest pure construction management firm in the country**. Hill is a publicly-traded company listed on the New York Stock Exchange.

Founded in 1976 as a multi-disciplined management consulting firm that helps construction participants minimize risks, Hill has developed a reputation for our innovative approaches to preventing and resolving construction schedule and cost overruns. We offer public and private clients a full spectrum of construction-related services that enable them to complete construction on time and within budget while minimizing claims and other problems. We are a local and national provider of CEI Services, and have extensive experience in providing these services for public agencies including counties, cities, and DOTs. Hill has the expertise and experience to manage major projects from concept to successful completion.

Staff Resources and Capabilities

Hill employs 3,000 professionals and support personnel in 100 offices in 35 countries worldwide. Our staff includes architects, engineers in all construction and building-related disciplines, planners, schedulers, estimators, value engineering specialists, construction managers worldwide, resident engineers, construction inspectors and a full range of technical and support staff to represent owners.

Distinctive Attributes to Provide CEI Services

- **Proactive Inspection Services** – We shall provide qualified inspectors to oversee the Contractor's work operations, and assure all work is completed in accordance with the contract



documents. Our personnel are experienced and certified, and will take a proactive approach to inspection — working hard to stay ahead of the Contractor — and identifying and correcting issues before they can expand and lead to major impacts.

- **Project Administration and Management** – Hill shall provide these services for all projects by using a single point of contact to oversee all of our operations. In so doing, we shall assure that the County has a single “go to” person, and shall also provide consistency in managing the multiple projects.
- **Testing Services** – Our team shall provide all materials testing services including both field and laboratory testing. We shall provide documentation of test results and multiple review levels to assure that test requirements are met.

Good Faith

You will find our submittal responds to each of your RFP’s requirements. We have answered your questions thoroughly yet concisely, provided detailed information regarding our projects and personnel, and have included all required forms and documentation. The RFP is in all respects fair and in good faith without collusion or fraud.

Authorized Representative

Daniel P. Sokol, PE, Vice President, will be Hill’s authorized representative for this project and is able to bind principal proponent. He is located in our Jacksonville office, where we will perform the work for this contract. Mr. Sokol may be reached at 904-296-1004 (phone), 904-296-1005 (fax), or via e-mail at danielsokol@hillintl.com.

1.C Required Forms

Please see Required Forms on the following six pages.

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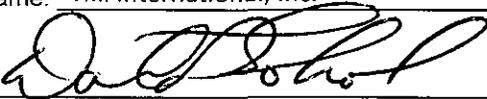
**AFFIDAVIT CERTIFICATION
IMMIGRATION LAWS**

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: Hill International, Inc.

Signature:  Title: Vice President

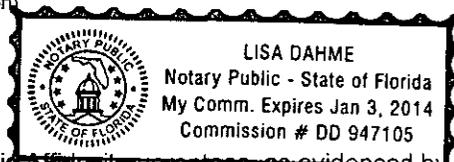
STATE OF Florida
COUNTY OF Flagler

Sworn to and subscribed before me this 14 day of March, 2011

Personally known _____
Lisa Dahme
NOTARY PUBLIC

OR Produced identification FL Drivers License Notary Public - State of Florida

FL Drivers License
(Type of identification) My commission expires: Jan 03, 2014



Lisa Dahme
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.

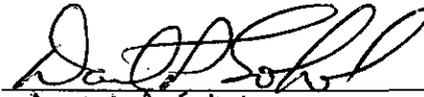
**LEON COUNTY RESERVES THE RIGHT TO REQUEST SUPPORTING DOCUMENTATION,
AS EVIDENCE OF SERVICES PROVIDED, AT ANY TIME.**

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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:

Daniel P. Sokol
Vice President

Firm:

Hill International, Inc.

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 completed Insurance Certification 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:

A
XV

Business Auto:

Indicate Best Rating:

Indicate Best Financial Classification:

A
XV

- 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:

Indicate Best Financial Classification:

A
XV

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.

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.

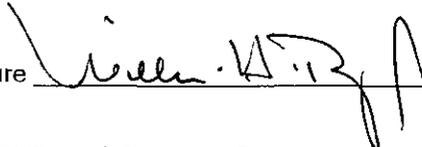
Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided

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 William H. Dengler, Jr.
Typed or Printed

Signature 

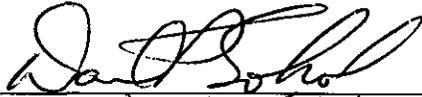
Date 03-10-2011

Title SVP and General Counsel
(Company Risk Manager or Manager with Risk Authority)

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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 *Daniel P. Sokol*

Vice President

Title

Hill International, Inc.

Contractor/Firm

7563 Phillips Highway, Building 300, Suite 301, Jacksonville, FL 32256

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: Hill International, Inc.	
Current Local Address: Not Applicable	Phone: Fax:
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:	Phone: Fax:

Signature of Authorized Representative _____
Date

STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20__.

By _____, of _____,
(Name of officer or agent, title of officer or agent) (Name of corporation acknowledging)

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

or has produced _____ as identification.
(type of identification)

Signature of Notary

Print, Type or Stamp Name of Notary

Title or Rank

Serial Number, If Any

Return Completed form with supporting documents to:

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

2. Specific Proposal Information

Work Category: Construction Engineering and Inspection Services

2.A Ability of Professional Personnel

Key Personnel

Hill International proposes nine (9) professionals who may be assigned to the CEI Services work category for Leon County. In preparing this proposal, Hill has carefully selected a representative group of our most experienced and seasoned construction management professionals for your consideration. These professionals are immediately available, or will be available in conjunction with the dictates of the respective project schedules. Hill employs 85 skilled professionals of various disciplines in the State of Florida. All of these resources are available to support any efforts undertaken in Leon County. This staff includes architects, engineers, inspectors, schedulers, estimators, contract administrators, and construction experts at the highest levels, who are available to provide back-up support to the Hill team assigned to the project. This extensive pool of resources conveniently positions us to be able to respond to any personnel requirements. Because of our size and financial stability, Hill offers an unequivocal commitment of resources for every engagement. Hill has the capabilities to easily accept additional assignments.

Resumes for each Key Personnel begin on the following page.

	Title	Registrations/Certifications	Total Years Experience	Years Experience with Current Firm	CEI Services Experience
Daniel P. Sokol, PE (H)	Senior Project Engineer	PE #62724 (FL)	20	20	●
Raymond J. Farcas, PE (H)	Project Manager	PE #62673 (FL)	12	12	●
Stephen M. Mix (H)	Lead Inspector	N/A	35	3	●
Robert W. Rossbach, PE (H)	Lead Inspector	PE #64275 (FL)	40	8	●
Dustin D. Savage (H)	Inspector	N/A	5	3	●
Ron Strausser (H)	Inspector	Engineer in Training	20	10	●
Ron Padgett (H)	Inspector	N/A	30	3	●
Eladio Castrodad, PE (H)	Project Manager	PE, S.I. #59143 (FL)	10	2	●
Charlie R. Cothran (N)	Asphalt Technician	N/A	7	7	●
Denis J. Worthington (N)	Construction Manager	N/A	25	20	●
Robert Lizotte (N)	Engineering Technician	N/A	10	5	●

(H) Hill International, Inc.; (N) Nodarse & Associates, Inc.



Daniel P. Sokol, PE

Senior Project Engineer

With more than 20 years of experience, Daniel P. Sokol has expertise in construction and project management, claims analysis, quality assurance and quality control (QA/QC), and contract administration. Mr. Sokol's projects include roads and highways, bridges, transportation facilities, courthouses, drainage and sewer systems, and environmental remediation in the United States.

Mr. Sokol served as the main contact for project stakeholders on new construction and rehabilitation projects. He participated in the preliminary design stage, developed critical path method (CPM) schedules, enforced best practices, analyzed and negotiated change orders, and oversaw subcontractor performance. In addition to supervising staff, Mr. Sokol conducted constructability reviews, as well as feasibility and environmental impact studies. His duties also included cost estimating, budgeting, project documentation, and testing and inspection activities. Mr. Sokol is familiar with construction-related codes, standards, and ordinances.

Recent and Relevant Experience

Marion County, SR 40 Stormwater Pollution Reduction Project, Marion County, FL

The project consists of constructing a reinforced concrete pump station and pollution reduction facility that will collect stormwater off of SR 40 and will filter out trash and sediment prior to pumping the effluent approximately ½ mile down the road thru a 20" DR17 HDPE forcemain pipe to a new retention basin located within a park. Park enhancements included the construction of a varying 8'-12' wide recreational, interpretive mulched trail that surrounded the perimeter of the retention pond and included historic destinations for the high density lithological areas, the old lumber mill archaeological resource area, and sink hole area. The archaeological lumber mill area was protected with a 4' high wooden mortise fence. A parking lot was constructed along with a gated, stabilized access road to maintain the pond site. Mr. Sokol was Project Manager for the \$1.6 million project.

City of Palm Coast, Continuing Engineering Services, Palm Coast, FL

Mr. Sokol served as the Project Director for the City's Continuing Professional Services Contract, which includes Engineering Services for various capital projects. Individual projects included Right of Way Acquisition evaluation, roofing analysis, and various tasks for Recreational Parks and Roadway projects. Hill provided services in conjunction with the City's Ralph Carter Park project located adjacent to Rymfire Elementary School. The new 13.1

Years of Experience:

20

Years with Hill International:

20

Education:

M.B.A., Business Administration, Baldwin Wallace College, 2002

B.S., Civil Engineering, University of Pittsburgh, 1990

Certificate, OSHA 10 Hour Occupational Safety and Health

Certificate, Certified Construction Claims Specialist, Columbus State Community College

Certificate, Nuclear Gauge Safety Training, Troxler

Registrations:

Professional Engineer, Florida

Professional Engineer, Ohio

Professional Engineer, Pennsylvania

FDEP Storm Water Management

FDOT CTQP Final Estimates Level I & II

FDOT CTQP QC Manager

FDOT Asphalt Level I & II

FDOT Advanced MOT

Radiation Safety Officer

Professional Memberships:

American Society of Highway Engineers

Team FL

Florida Transportation Builders Association



Daniel P. Sokol, PE

acre park included three multi-sports fields, basketball courts, a mini-skate park, a 46'x22' pavilion with restroom facilities, a playground area, gazebo, parking facilities and a memorial plaque dedication area.

City of Palm Coast, City of Palm Coast Projects, Belle Terre Parkway Four-Laning, Palm Coast, FL

Mr. Sokol was assigned to a \$27 million project involving the widening and/or reconstruction of 4.1 miles of the Belle Terre Parkway between the Palm Coast and Matanzas Woods parkways. The parkway was expanded into a four-lane divided roadway with 12-foot travel lanes and two 4-foot bicycle lanes.

Work included asphalt pavement, concrete retaining walls, installation of 7.4 miles of 14- to 72-inch drainage pipe, new concrete curb and gutter, sidewalks, and driveway aprons. The project also consisted of streetscape and irrigation; upgrades to storm water retention facilities and traffic control, including signage, striping, and signalization; and sanitary and water works improvements. During the preconstruction phase, Mr. Sokol performed and evaluated constructability reviews and alternative bid formats.

City of Jacksonville, Duval County Courthouse Program, Jacksonville, FL

The project includes construction of a new \$200 million, 680,000 SF courthouse facility, as well as renovations and repairs to several existing buildings including the historic renovation of the 250,000 SF Old Federal Courthouse built in the late 1930's. The entire program is valued at over \$300 million.

Florida Department of Environmental Protection, Petroleum Cleanup Program, Callahan, FL

Mr. Sokol served as the Project Manager for a petroleum remediation project in Callahan, FL. The project included removal of contaminated soils and replacement of concrete and asphalt at the site. The project was completed while maintaining an active business.

Wetland Mitigation/Nature Trail Project, City of Wampum, PA

Mr. Sokol was the Resident Engineer for this wetland mitigation project, completed in conjunction with the Beaver Valley Expressway construction project. The wetland mitigation project included construction of 13.2 acres of wetlands, which tied into and enhanced an existing natural wetland area. As part of the project, Mr. Sokol oversaw construction of a nature trail, multiple timber overlooks, picnic areas, protective wooden railings and a parking area. Mr. Sokol provided site inspection, oversight of testing, scheduling, change order negotiation, project correspondence and final approval of construction.

Ohio Department of Transportation, Construction Management Services for the Main Street Bridge, Columbus, OH

The project consisted of a \$38 million inclined arch bridge over the Scioto River. The design of the bridge is the fourth of its kind in the World and the first in the United States. It includes an inclined arch, with a structural steel and cable system which supports a vehicular deck cantilevered to one side and a pedestrian deck cantilevered to the other side. The pedestrian deck ties in to the Lower Scioto Greenway Trail and John W. Galbreath Bicentennial Park. Mr. Sokol served as the Project Manager during the pre-construction and part of the construction phase of the project.

Raymond J. Farcas, PE

Project Manager

Raymond J. Farcas has over 12 years of experience in the Construction Engineering and Inspection of roadway, heavy highway and bridge projects as a Project Manager, Resident Engineer and Project Engineer. In his current role of Project Manager, Mr. Farcas is responsible for managing the project's staffing and budgets, in addition to having overall contract administration duties. As Resident Engineer, Mr. Farcas managed the material testing and inspection operations in the field, assuring that the staff was properly trained and enforced proper inspection and quality control requirements. He also oversaw the contractor's construction operations assuring compliance with contract documents and Owner's requirements.

Mr. Farcas is experienced at controlling project documentation, reviewing/tracking submittals, writing correspondence, monitoring project budgets, preparing estimates, and tracking project quantities and change orders. He acts as a "Liaison" between the Owner, design consultants and general contractor to assure proper execution of procedures, specifications and standards. He is skilled in project planning, scheduling, constructability reviews, and contract administration.

Recent and Relevant Experience

City of Palm Coast, City of Palm Coast Projects, Belle Terre Parkway Four-Laning, Palm Coast, FL

Mr. Farcas was assigned to a \$27 million project involving the widening and/or reconstruction of 4.1 miles of the Belle Terre Parkway between the Palm Coast and Matanzas Woods parkways. The parkway was expanded into a four-lane divided roadway with 12-foot travel lanes and two 4-foot bicycle lanes.

Work included asphalt pavement, concrete retaining walls, installation of 7.4 miles of 14- to 72-inch drainage pipe, new concrete curb and gutter, sidewalks, and driveway aprons. The project also consisted of streetscape and irrigation; upgrades to storm water retention facilities and traffic control, including signage, striping, and signalization; and sanitary and water works improvements. During the preconstruction phase, Mr. Farcas performed and evaluated constructability reviews and alternative bid formats.

Port St. Lucie Blvd Reconstruction Project, City of Port St. Lucie, FL

This \$0.6 Million ARRA and LAP funded project entails reconstruction of Port St. Lucie Blvd., which is a six lane divided roadway, between SW Greco Lane and SW Sansom Lane. The project consists of milling and resurfacing, reconstruction of the existing base utilizing black base, installation of new drainage structures

Years of Experience:

12

Years with Hill International:

12

Education:

MBA, Baldwin Wallace College, 2007

BSCE, Youngstown State University, 1999

Registrations:

Professional Engineer, Florida

Certified Construction Claims Specialist

OSHA 10-Hour Occupation Safety & Health Certified

OSHA 8-Hour Crane Safety Certified

OSHA 29 CFR 1926.62, Lead Exposure in Construction

NTI – QC in Transit

FDEP Storm Water Management

FDOT CTQP Final Estimate Level I & II

FDOT CTQP Asphalt Level I & II

FDOT Advanced MOT

FDOT CTQP QC Manager

Professional Memberships:

Construction Management Association of America (CMAA)

Association of Bridge Construction and Design (ABCD)

American Society of Highway Engineers (ASHE)

Raymond J. Farcas, PE

and under drains, de-silting of the existing pipe, and construction of new curb and gutter, sidewalks, curb cut ramps and ditch pavement as well as upgrades to traffic control including signage and pavement markings. Mr. Farcas's duties included contract administration, public outreach and documentation, and reporting of all ARRA and LAP requirements.

City of Palm Coast, Ralph Carter Park, Palm Coast, FL

Mr. Farcas served as Project Manager for the new 13.1 acre park, located adjacent to Rymfire Elementary School, included three multi-sports fields, basketball courts, a mini-skate park, a 46'x22' pavilion with restroom facilities, a playground area, gazebo, parking facilities and a memorial plaque dedication area. The entire park was irrigated, illuminated, landscaped and surrounded by architectural fencing, sidewalks and walking trails. Work also included demolition, asphalt paving, drainage improvements, erosion control, and water and sewer utility enhancements. The project value was \$2.2 million.

Marion County, SR 40 Stormwater Pollution Reduction Project, Marion County, FL

The project consists of constructing a reinforced concrete pump station and pollution reduction facility that will collect stormwater off of SR 40 and will filter out trash and sediment prior to pumping the effluent approximately ½ mile down the road thru a 20" DR17 HDPE forcemain pipe to a new retention basin located within a park. Park enhancements included the construction of a varying 8'-12' wide recreational, interpretive mulched trail that surrounded the perimeter of the retention pond and included historic destinations for the high density lithological areas, the old lumber mill archaeological resource area, and sink hole area. The archaeological lumber mill area was protected with a 4' high wooden mortise fence. A parking lot was constructed along with a gated, stabilized access road to maintain the pond site. Mr. Farcas was Project Manager for the \$1.6 million project.

Ohio Turnpike Commission Third Lane Widening Program, Project 77-99-01, OH

Mr. Farcas was the Inspector/Project Engineer for this roadway and bridge construction section with a construction value of \$21 million. He performed inspection of various elements of the construction, tracked and responded to RFIs, reviewed contractor pay applications, calculated structural steel pay weights, generated project transmittals and correspondence, conducted schedule reviews, and developed, generated and distributed project meeting minutes. The scope of the roadway operations, included median clearing and grubbing operations, excavation and embankment placement, installation of drainage (RCP, CMP, underdrain, inlets and manholes), construction of concrete and asphalt pavement, guardrail, concrete barrier, median wall, median retaining walls, pavement marking, signage, lighting, and Maintenance of Traffic.

Ohio Turnpike Commission Third Lane Widening Program, Project 55-99-01, OH

Mr. Farcas was the Inspector and Project Engineer for this roadway/Interchange and bridge construction section with a construction value of \$33 million. The scope of the roadway operations, included median clearing and grubbing operations, excavation and embankment placement, installation of drainage (RCP, CMP, underdrain, inlets and manholes), construction of concrete and asphalt pavement, guardrail, concrete barrier, median wall, median retaining walls, pavement marking, signage, lighting, and Maintenance of Traffic.

Stephen M. Mix

Lead Inspector

Stephen M. Mix has 35 years of varied experience as a Lead Inspector, Inspector, and Construction Surveyor. Mr. Mix's background is in highway, bridge and building construction projects, including interstate highway, railroad, bridge, parking garage, sanitary sewer lift station, storm sewer and earth wall projects. Mr. Mix's areas of expertise include concrete plant manager, structural steel erection, and deep-water foundation construction including drill shafts, cofferdams, and pilings. Mr. Mix has experience in the Site Manager and LIMS programs. He also has more than 20 years of delivering construction projects by providing both office administration and field support, oversight, and supervision.

Mr. Mix's responsibilities include overseeing contractor's operations to assure compliance with the contract documents, enforcing proper inspection and quality control requirements, as well as preparing daily reports, including Field Inspection reports, QA/QC reports, non-conformance reports (NCRs), requests for information (RFIs), and daily quantity reports. On many projects, Mr. Mix has final review and sign-off responsibilities for contractor pay applications. Mr. Mix has extensive experience in bridge and highway construction oversight for new highways, rehabilitation and widening projects.

Recent and Relevant Experience

Port St. Lucie Blvd Reconstruction Project, City of Port St. Lucie, FL

This \$0.6 Million ARRA and LAP funded project entails reconstruction of Port St. Lucie Blvd., which is a six lane divided roadway, between SW Greco Lane and SW Sansom Lane. The project consists of milling and resurfacing, reconstruction of the existing base utilizing black base, installation of new drainage structures and under drains, de-silting of the existing pipe, and construction of new curb and gutter, sidewalks, curb cut ramps and ditch pavement as well as upgrades to traffic control including signage and pavement markings. Mr. Mix's duties included resident inspection, coordinating with the local residents and businesses and labor compliance interviews.

Florida Department of Transportation Projects, Capital Circle Highway Widening, Tallahassee, FL

For two separate contracts with the Florida Department of Transportation for construction, engineering and inspection. Mr. Mix performed field assessments and supervised field inspectors to verify proper techniques and documentation of quantities. Both contracts required widening a major urban thoroughfare from two lanes to seven. The first contract, a 12-mile project, also included widening 15 miles of an intersecting road from two lanes to five,

Years of Experience:

35

Years with Hill International:

3

Education:

Certificate, Minnesota School of Business, 1969

Certificate, Air Conditioning and Refrigeration, Southwest Area Vocational School, 1968

Certificate, QC Manager

Registrations:

CTQP Earthwork Inspection Levels I & II

FDOT Intermediate MOT

ACI Concrete Field Testing Technician Grade 1

FDEP Storm Water Management Inspector

FDOT Drilled Shaft Inspection

FDOT CTQP QC Manager

FDOT CTQP Asphalt Paving Level I

FDOT CTQP Concrete Level I

Professional

Memberships:

DOT Construction Academy (Project Engineer School)

Stephen M. Mix

as well as the expansion of an existing storm water detention pond to contain storm water runoff from the two contracts and several future projects. The second contract, a 17-mile section, required construction of a bridge over a railroad crossing. Both contracts were complicated by the need to coordinate multiple utility relocations, meet multiple permitting requirements, and maintain access for numerous businesses along the project route.

City of Palm Coast Belle Terre Parkway 4-Laning, Palm Coast, FL

The \$27 million project entails widening and/or reconstruction of a 4.1 mile stretch of Belle Terre Parkway between Palm Coast Parkway and Matanza Woods Parkway to a four lane divided roadway. The northern 0.6 miles of Belle Terre will be realigned to connect to the Matanza Woods Parkway at the intersection of Lakeview Boulevard. Mr. Mix was the Resident Inspector.

Drew Street (US Highway-19/Drew Street), Clearwater, FL

Mr. Mix supervised four inspectors during construction of a \$35 million, six-lane, structural steel girder bridge over Drew Street and reconstruction of the intersection with utilities. His duties also included verification documentation for all construction, field inspection of MSE walls, storm sewers, utility relocations, sub-soil excavation as well as embankment and base placement for roadway construction.

Sunset Point Road (US Highway 19/Coachman Road to Sunset Point Road), Clearwater, FL

Mr. Mix served as Inspector for this \$49 million, high-profile, phase construction job consisting of new and relocated utilities with phase frontage road construction as well as structural steel girder bridges over the Coachman Road and Sunset Point Road intersections.

Bryan Dairy Road (66th Street to US Highway-19), Pinellas Park, FL

Mr. Mix supervised field inspection of all new roadway and bridge construction for this \$26 million project which included two steel girder bridges, five retention ponds, off-site mitigation areas, off-site borrow pits, off-site steel and concrete inspection, reinforced concrete pipe (RCP) drainage, reinforced earth (RE) walls, re-alignment of a canal, five con-span and box culvert structures, and two JPA contracts.

Veterans Expressway, Tampa, FL

Responsible for pile driving, inspection of reinforcing steel placement, formwork, concrete testing and placement, Mr. Mix inspected erection of steel girders, earth retaining walls, junction slabs, and storm sewer placement. He also monitored muck removal. This \$19 million project included two steel girder bridges, six pre-stressed concrete girder bridges, and construction of three miles of roadway with retention ponds, drainage and utility relocation.

East/West Expressway, Orlando, FL

For this \$8 million project, Mr. Mix was responsible for formwork and erection of structural steel, monthly estimates, ordering materials, geometry control, sampling and testing, and supervision of traffic maintenance measures and lane shifts on phased construction.

Robert W. Rossbach, PE

Lead Inspector

Robert W. Rossbach has more than 40 years of design, construction administration and inspection experience including bridge and roadway contracts for the Ohio Department of Transportation, the Ohio Turnpike Commission, and for local municipalities. He has served as Resident Engineer and provided oversight for new highways, as well as for highway rehabilitation and widening projects. For more than 20 years, Mr. Rossbach delivered construction projects by providing both office administration as well as field support and oversight. His achievements include developing sections of the Local Public Agency (LPA) Manual that is still in use by the Ohio Department of Transportation.

Mr. Rossbach's duties include oversight of contractor operations to assure compliance with contract documents, and to enforce proper inspection and quality control requirements. He is also responsible for preparation of daily reports including field inspection reports, quality assurance/quality control (QA/QC) reports, non-conformance reports (NCRs), requests for information (RFIs), and daily quantity reports. On many projects, Mr. Rossbach has final review and sign-off responsibilities for contractor pay applications.

Recent and Relevant Experience

Orlando-Orange County Expressway Authority Project 253B, Orlando, FL

Mr. Rossbach was responsible for inspection during construction of the new Ramp Plaza as well as rehabilitation of the existing Toll Facility. This \$87 million project required coordination with Toll Authority contractors for building security access, the vehicle enforcement system and network operations. Mr. Rossbach was also responsible for the overhead ramp bridge from foundation to superstructure work including beam erection and deck placement.

SE 31st Street Improvements Project from SE 19th Avenue to SR 464, Marion County, FL

Senior Inspector for this \$5 million project which includes widening of the existing 2 lane facility to a 4 lane facility for approximately 1.5 miles as well as constructing a new 4 lane extension for 0.32 miles. Project elements include earthwork, asphalt pavement, drainage upgrades, sidewalks, curb and gutter, concrete retaining walls, signalization, as well as upgrades to storm water retention, water line distribution and sanitary force mains. There are a number of overhead utilities within the construction limits, some of which will be relocated, and others remain in place, and will be worked around.

Years of Experience:

40

Years with Hill International:

8

Education:

B.C.E., Civil Engineering Structures, Cleveland State University, 1970

Registrations:

Professional Engineer, Florida
Professional Engineer, Ohio
FDOT Asphalt Level II
FDOT Estimates Levels I & II
FDEP Storm Water & Erosion Control Certification
FDOT MOT Certification
ACI Concrete Field Testing Technician Grade 1
Nuclear Gauge Certification & Radiation Safety
FDOT CTQP QC Manager

Professional Memberships:

American Society of Highway Engineers (ASHE)
American Society of Civil Engineers (ASCE)

Robert W. Rossbach, PE

City of North Royalton, State Route 82 Intersection Improvements, North Royalton, OH

Mr. Rossbach provided oversight for all operations throughout this \$4 million project to reconstruct and widen four intersections within the City including improvements to drainage, traffic control and signalization.

Prior Experience

Interstate-76 Upgrade Project, Mahoning County, OH

For a \$14 million interstate upgrade project with new concrete pavement and bridge upgrades as well as drainage improvements, Mr. Rossbach was responsible for three of the bridge upgrades that included deck replacement, jacking beams and rehabilitation of piers and abutments.

Ohio Department of Transportation (ODOT) District Office, Ravenna, OH

Responsible for the workload of six project engineers, Mr. Rossbach's duties included constructability resolution, claim mitigation, and enforcement of on-time completions. He was also responsible for District Construction Office project finalizations as well as District EEO personnel. In addition, Mr. Rossbach's duties included final inspections of completed work for plan and specification requirements. In addition, he participated in the District Claims Board.

Ohio Department of Transportation (ODOT), Waterloo Road, Akron, OH

Mr. Rossbach provided oversight of all field operations and incorporated materials for this \$3.5 million project which included major widening in asphalt and in a commercial area.

Ohio Department of Transportation (ODOT), US Route 224, Springfield Township, OH

Mr. Rossbach was responsible for oversight of all field operations and incorporated materials for a major highway widening project in concrete. The \$5.2 million project included environmental remediation and City involvement and used lightweight fill, a specialty product, to span unsuitable soils.

Ohio Department of Transportation (ODOT), State Route 8, Akron, OH

Mr. Rossbach was responsible for a \$4 million interstate upgrade project which included deck overlays and new deck construction, bridge painting using the OZEU structural steel paint system and pavement repairs in asphalt.

Ohio Department of Transportation (ODOT), State Route 8, Cities of Akron, Cuyahoga Falls and Stow, OH

Mr. Rossbach provided engineering services for a \$16 million, major interstate rehabilitation project which included structure deck patching, sub structure patching, and new decks on two overpass bridges. Flex-o-grid, a specialty product, was used for the overlay on-ramp bridge. The project was noteworthy in that it won a smooth riding pavement award.

Ohio Department of Transportation (ODOT), Interstate 77 Safety Upgrade, Summit County, OH

Mr. Rossbach provided engineering services for a \$9 million interstate upgrade project which included deck and substructure rehabilitation, new decks and partial sub structure, drainage improvements, pavement repairs in asphalt, and new overhead signage.

Dustin D. Savage

Inspector

Dustin D. Savage has 5 years of experience in the construction industry as an inspector, Engineering Department Fabrication lab assistant, and draftsman at an architectural firm. His daily responsibilities include preparation of daily reports, inspection of contractor daily operations, tracking quantities, transmittals, submittals and request for information (RFI) entries.

Mr. Savage's specialized computer software skills include CAD, P3, Expedition, PSpice, C-programming, Matlab and Simulink, Pro Engineer Wildfire, and Visual Basics. He speaks limited Spanish.

Prior Experience

Belle Terre Parkway Four Laning Project, City of Palm Coast, FL

Mr. Savage was responsible for daily reports and quality control for a \$27 million project to widen or reconstruct 4.1 miles of Belle Terre Parkway into a four-lane, divided roadway with 12-foot travel lanes and two, four-foot bicycle lanes. Mr. Savage's duties also included transmittals, submittals, and request for information (RFI) entries.

Marion County, SR 40 Stormwater Pollution Reduction Project, Marion County, FL

The \$1.6 million project consists of constructing a reinforced concrete pump station and pollution reduction facility that will collect stormwater off of SR 40 and will filter out trash and sediment prior to pumping the effluent approximately ½ mile down the road thru a 20" DR17 HDPE forcemain pipe to a new retention basin located within a park. Park enhancements included the construction of a varying 8'-12' wide recreational, interpretive mulched trail that surrounded the perimeter of the retention pond and included historic destinations for the high density lithological areas, the old lumber mill archaeological resource area, and sink hole area. The archaeological lumber mill area was protected with a 4' high wooden mortise fence. A parking lot was constructed along with a gated, stabilized access road to maintain the pond site.

University of North Florida, Jacksonville, FL

Mr. Savage helped students to resolve problems with engineering projects for competitions. He also collected data for University professors' on-going research projects.

Architectural Projects, St. Augustine, FL

Mr. Savage's duties included conceptualizing low income, ground-up, design-builds such as alternative materials, building phases to add livable space in future scenarios, and designing more efficient ways for typical features to be built and function such as water shed diversion and privacy.

Years of Experience:

5

Years with Hill International:

3

Education:

B.S., Construction Management, University of North Florida, 2008

Registrations:

FDOT Asphalt Level I

FDOT Earthwork Level I

FDOT Concrete Field Level I

FDOT CTQP Final Estimates Level I & II

FDOT Intermediate MOT

FDEP Storm Water Inspector

ACI

Nuclear Gauge Certification

Professional Memberships:

American Society of Highway Engineers (ASHE)

Eladio Castrodad, PE

Project Manager

Eladio Castrodad, PE is a registered engineer with 10 years of experience in the design and management of major civil and structural engineering construction projects. Mr. Castrodad's experience includes commercial and residential buildings; energy, medical and transportation facilities; convention centers; stadiums; as well as municipal projects in Florida and Puerto Rico. His transportation background includes provision of QA/QC management and structural engineering services for the \$2.25 billion Tren Urbano, Heavy Rail Mass Transit Project.

Mr. Castrodad's specialized computer software skills include: Adobe products, Visual-Analysis, MathCAD, FL-Pier, ADOSS, PCA-Col, PCA-Mats, PCA-Beam, PCA-Wall, ETABS, SAP, SAFE, RAM Steel, RISA-3D, RISA-Footing, RISA-Baseplate, EnerCalc, ADAPT-PT, PT-DATA, STAAD-PRO, Presto, AutoCAD, Primavera, MS Project, WDOT-QCom Bridge, DESCON, LEAP software products and other structural, civil engineering applications. Mr. Castrodad is fluent in both English and Spanish.

Prior Experience

Various Civil and Structural Engineering Consulting Projects, Miami, FL

As Project Manager, Chief Structural Engineer, and Principal-in-Charge, Mr. Castrodad provided and oversaw design, consulting, inspection, construction management, and construction administration services for various clients in Florida and Puerto Rico. Scope of services included the design and design review of several high-rise and moderate-sized commercial and residential threshold type, reinforced concrete and steel buildings. Mr. Castrodad's responsibilities included:

- Design services; analysis and design of deep and shallow foundations, basement retaining walls, shearwalls, wind load analysis (ASCE-7), P-Delta analysis, reinforced concrete slabs, post-tensioned concrete slabs, beams, columns, cantilevered retaining walls, moment frames, tilt-up, connections and other structural elements.
- Construction Management services; review of cost estimates during all phases of design development through final construction documents, including provision of change order estimates during construction and development/analysis of CPM schedules.
- Inspection services; direct supervision of all field special inspection personnel and assurance of proper implementation of construction threshold plan.

Years of Experience:

10

Years with Hill International:

2

Education:

Masters of Engineering,
Civil Engineering, University
of Florida, 1999

B.S., Civil Engineering,
Florida International
University, 1998

B.A., Finance, Interamerican
University, 1992

Registrations:

Professional Engineer,
S.I., Florida

Professional Engineer,
Puerto Rico

Certified General
Contractor

FDOT CTQP Asphalt Level I

FDOT CTQP Earthwork
Levels I & II

FDOT CTQP Final
Estimates Level I & II

FDOT CTQP QC Manager

Specifically, Mr. Castrodad's projects included:

- As Project Manager under contract with Zachry Industrial, Inc., Mr. Castrodad provided construction inspection services to Florida Power and Light's (FPL) West County Energy Center Facility (\$506 million). Areas that he inspected included the Operation Control Center/Administration Facility for conformance with structural, mechanical, plumbing, building, as well as fire, life and safety disciplines.
- As Project Manager under contract with Hill International, Inc., Mr. Castrodad provided QA/QC consulting services to Lane Transit District in Eugene, Oregon. He was responsible for the development of LTD's BRT--Pioneer Parkway EmX Project QA/QC Plan, in compliance with the requirements of the Federal Transit Administration's (FTA) QA/QC Guidelines (FTA-IT-90-5001-002.1).
- As Project Manager under contract with Turner Construction, Mr. Castrodad provided civil and structural engineering consulting services on the Miami Intermodal Center Transportation Facility (\$1.4 billion; GMP4a and CMP5 phases). He was responsible for means and methods consulting and engineering support services during construction.
- As Project Manager under contract with KJM and Associates and PMOC task force member, Mr. Castrodad provided QA review services as directed by FTA Region 4 Task Orders. His projects included the Charlotte Area Transit System (CATS) South Corridor Light Rail (\$485 million) which included construction of a conventional electrified 9.6-mile light rail line extending from Uptown Charlotte Central Business District south to Interstate 485.

Various Projects, Miami, FL

Mr. Castrodad's duties included:

- Municipalities. Cities of Aventura, Miami Beach, and Coral Gables, Florida. Mr. Castrodad discussed plan requirements with engineers, building officials, contractors, builders, architects or owners to ensure that plans were structurally acceptable and in conformance with the South Florida Building Code for the Cities of Aventura, Miami Beach, and Coral Gables, Florida.

University of Florida, Gainesville, FL

Mr. Castrodad assisted with lab sessions and grading assignments for the Highway Bridge Design and Building Frame System courses. In addition, he prepared discussion sessions, graded assignments and examinations, and acted as substitute lecturer for the Reinforced Concrete Design and Prestressed Concrete Design courses. Mr. Castrodad assisted throughout the performance of laboratory experiments to study the bond transfer and development length of prestressing strands.

Various Projects, Gainesville, FL

Mr. Castrodad prepared "Dapped End Regions in Precast/Prestressed Concrete Double-T Sessions" report for the Samsung Company in Korea. His report proposed a new dap end beam connection which considerably reduced connection height. Mr. Castrodad also assisted in the design and analysis of low- to medium-size buildings. His responsibilities included lateral load analysis of structures and design of floor slabs, and other structural components.

Charlie R. Cothran

Asphalt Technician

Charlie Cothran possesses extensive experience in Asphalt Plant Inspection. Duties have involved verification as well as contractor Quality Control Services under the CQC Specifications.

Years of Experience:

7

**Years with
Nodarse & Associates:**

7

Recent and Relevant Experience

- FDOT Continuing Services Contract C-7856 Various Counties
- I-10/I-95 Interchange from South of I-10 Interchange to South of Myrtle Avenue, Jacksonville, Duval County, FL
- Broward Road from I-95 to Lem Turner Road, Jacksonville, Duval County, FL
- FDOT District 2 Project Contract No. C-8376, Jacksonville, Duval County, FL
- FDOT District 2 Project Contract No. C-8287, Jacksonville, Duval County, FL
- FDOT District 2, Jacksonville, Duval County, FL
- SR 10 (US 90) from SR 12 (Madison St) to East of Little River, Gadsden County, FL
- Geotechnical Districtwide - District 2, Lake City, FL
- SR 313 (formerly SR 312 extension) from SR 207 to SR 16, St. Johns County, FL
- SR 23 (Branan Field/Chaffee Roads), Jacksonville, Duval County, FL
- County Road 13A Improvements (Pacetti Road) Meadowbrook Lane to State Road 16, St. Johns County, FL
- Spring Park Road Coring, Jacksonville, FL
- SR 9 / Interstate 95 at Overland Bridge, 72013 -- Design
- I-10 Marietta Interchange Design
- Beach Boulevard at University Boulevard Intersection Improvements
- SR 87 Segment 4 from Eglin Air Force Boundary to CR 184
- CR 121 from Duval County/ to US 1
- Capital Circle (State Road 261/263 from West of Woodville Highway to South of Tram Road)
- US 17 (SR 15) from CR 309 in Satsuma to West of Dunns Creek Bridge, FIN No. 210028-3-32-01
- Roscoe Boulevard, St. Johns County, FL
- CR309 Improvements, Palatka, FL
- Florida Department of Transportation - District 2 (Lake City)
- US 1 / CR 210 Interchange
- District 3 Asphalt Plant Inspection Services for District 3 D/W CEI Contract
- SR 9A Inventorying and Replacement of Signs in Duval County
- SR 8 (I-10) from US 90 to SR 121
- Atlantic Boulevard / Kernan Boulevard Interchange Improvements
- SR 10 (US 90) over Macavis Bayou, Bridge Replacement

Registrations:

FDOT CTQP Asphalt Plant
Technician Levels I & II

FDOT CTQP Earthwork
Construction
Inspector Level I

Denis J. Worthington

Construction Manager

Mr. Worthington has more than 25 years of experience in the field of construction materials testing/inspection. He is highly skilled in laboratory and field testing procedures including concrete pre-cast plant inspection for the Florida Department of Transportation. Mr. Worthington is notably experienced in the management of continuing services contracts with public sector entities including the Florida Department of Transportation. Mr. Worthington worked for many years out of N&A's Winter Park office and has been at the Jacksonville office for over a year.

Recent and Relevant Experience

- FDOT District 2 Districtwide Materials Inspection & Testing Contract No. C-8634 – Project Manager
- FDOT District 2 Districtwide Materials Inspection & Testing Contract No. C8I30 – Project Manager
- FDOT District 2 Districtwide Materials Inspection & Testing Contract No. C8N53 – Project Manager
- FDOT District 2 I-10/I-95 Interchange Material Inspection & Testing Verification Contract No. C-8D50 – Project Manager
- FDOT District 2 SR 212 (Beach Blvd.) Widening from FCCJ Entrance to Hodges Contractor Quality Control Testing Services – Project Manager
- FDOT District 2 I-10 Widening from Lane Avenue to Halsema Road Contractor Quality Control – Project Manager
- Jacksonville Transportation Authority Atlantic/ Kernan Interchange Improvements Contractor Quality Control Testing Services – Project Manager
- Bay County International Airport Terminal Expansion, Panama City, FL
- Orlando International Airport Expansion, Orlando, FL
- S.R. 417/Seminole County Expressway, Seminole County, FL
- FDOT District 5 Materials and Geotechnical Services Continuing Contract- Project Manager
- FDOT District 5 Districtwide Materials Inspection & Testing Contract No. 99C-4 - Project Manager
- FDOT District 5 Districtwide Materials Inspection & Testing Contract No. 98C-2 - Project Manager
- FDOT District 5 Districtwide Materials Inspection & Testing Contract No. 96C-2 - Project Manager
- Continuing Services Contract with Orange County Public Works - Project Manager

Years of Experience:

25

Years with
Nodarse & Associates:

20

Skills:

Soils & Construction
Materials Testing

Bridge and Highway
Inspection

Threshold Inspection

Construction Inspection
of Driven Piles

Foundation Inspection
and Testing

Post Tensioning

Precast/Prestress
Inspection

Robert Lizotte

Engineering Technician

Mr. Lizotte has 10 years of experience as an engineering technician. His experience includes concrete and earthwork inspections on several roadway, bridge, and building projects.

Recent and Relevant Experience

I-10/I-95 Interchange from South of I-10 Interchange to South of Myrtle Avenue, Jacksonville, Duval County, FL

Mr. Lizotte's responsibilities included FDOT Verification Testing and Inspection of soils, concrete, and drilled shaft installations.

Geotechnical Districtwide - District 2, Lake City, FL

Mr. Lizotte's responsibilities included FDOT Verification Testing and Inspection of soils, concrete, and drilled shaft installations on various projects throughout District 2.

SR 9A (I-295) from North of Buckman Bridge to NW 103rd Street, Clay County, FL

Mr. Lizotte's responsibilities included Contractor Quality Control Testing and Inspection of soils and concrete.

O'Steen Volkswagen - Phillips Highway, Jacksonville, Duval County, FL

Mr. Lizotte's responsibilities included soils and concrete testing.

County Road 13A Improvements (Pacetti Road) Meadowbrook Lane to State Road 16, St. Johns County, FL

Mr. Lizotte's responsibilities included Quality Control Testing for soils, concrete, and drilled shaft installations.

SR 312 (EB) over Matanzas River Bridge Restoration, St. Johns County, FL

Mr. Lizotte's responsibilities included Quality Control concrete testing.

Atlantic Blvd./Kernan Blvd. Interchange Improvements, Jacksonville, FL

Mr. Lizotte's responsibilities included Quality Control Testing for soils, concrete, and drilled shaft installations.

SR 8 / I-10 From Lane Avenue to Helsema, Jacksonville, FL

Mr. Lizotte's responsibilities included Quality Control Testing for soils, concrete, and drilled shaft installations.

Years of Experience:

10

Years with Nodarse & Associates:

5

Registrations:

American Concrete
Institute Field Testing
Technician Grade I

Troxler Radiation
Safety Course

CTQP Concrete Field
Testing Level I

CTQP Earthwork
Construction Inspection
Levels I & II

CTQP Drilled Shaft
Inspection

Skills:

Earthwork Construction
Testing/Inspection

Reinforced Concrete
Testing/Inspection

Concrete Construction
Testing/Inspection

Drilled Shaft Construction
Inspection

Subconsultant

Hill intends to use the following subconsultant for the Leon County projects.

Nodarse & Associates, Inc. - Inspection and Material Testing

Nodarse & Associates, Inc. (Nodarse) was founded in 1991 by Ms. Leila Jammal Nodarse, P.E. Over the past 20 years, Nodarse has grown to be one of the most respected engineering firms in the State of Florida, employing a staff of 200 professional engineers, geologists, scientists, field/laboratory technicians, drillers, and various support staff. Nodarse's capabilities and expertise are in the fields of geotechnical engineering, environmental consulting, construction materials testing, threshold inspection, pile driving dynamic monitoring (PDA), and drilling. Nodarse's corporate headquarters is located in Winter Park, Florida, and the firm has regional offices in Miami, West Palm Beach, Tampa, and Jacksonville, and branch offices in Lakeland, Kissimmee, Ormond Beach, Tallahassee, Gainesville, and Ft. Lauderdale.

Nodarse provides highly-specialized environmental, geotechnical, materials testing services, and threshold inspection services for thousands of private and public sector clients across Florida, and has had the pleasure of being part of some of the state's highest profile projects. These projects include the Amway Center (home to the Orlando Magic), High Speed Rail Orlando-Tampa, SunRail Environmental CSER, Herbert Hoover Dike, Baldwin Park Community, Florida Hospital's expansion, the "Big I" (I-95 and I-10 Interchange) in north Florida, and the Everglades Restoration Project.

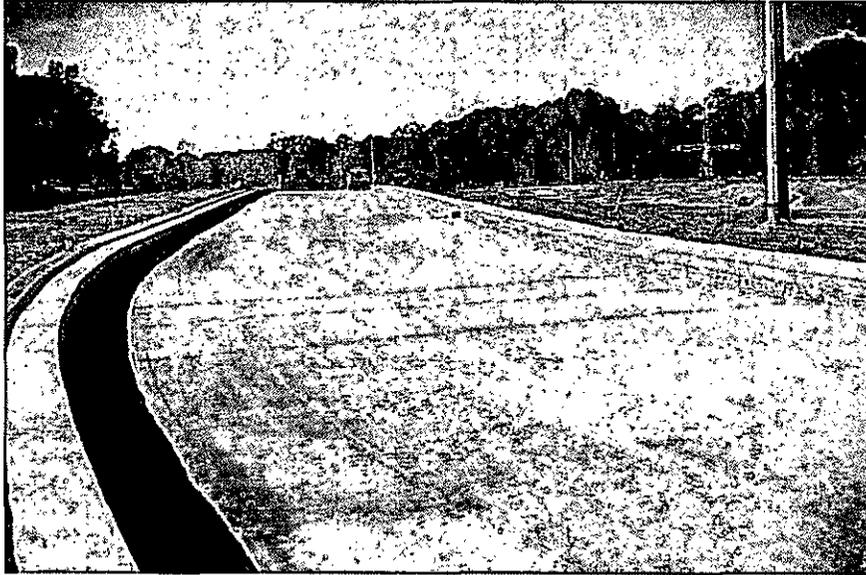
Finally, Nodarse is a certified Minority Business Enterprise (MBE) with the State of Florida Department of Management Services Office of Supplier Diversity, a Federal Woman Owned Small Business (WOSB), a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation (Work Group 9.1), as well as MBE/WBE certifications with numerous municipalities and counties throughout Florida. Nodarse is ranked among Engineering News Record's Top 500 Design Firms in the Nation and recognized as one of the Top 100 Companies for Working Families by The Orlando Sentinel.

2.B Experience with Projects of a Similar Type and Size

Projects that demonstrate our team's ability to perform CEI Services are listed on the following pages.

SE 31st Street Improvements Project

Ocala, FL



Client Contact:
Marion County
Mike Butzer
Project Manager
412 SE 25th Avenue
Ocala, FL 34471
352-671-8686

Service:
Construction Engineering
and Inspection

Total Project Value:
\$5 Million

Completion Date:
2010

Key Professionals:
Robert Rossbach -
Senior Inspector
Ray Farcas -
Project Manager

Under a Continuing Services Agreement with Marion County, Hill is providing Construction Engineering and Inspection services for the SE 31st Street Improvement Project, which is located in the City of Ocala. The project includes widening of the existing two-lane roadway through a residential area to a four-lane divided facility from SE 19th Avenue to S.R. 464. The project also includes new construction of a four-lane extension, which connects SE 31st Street to SR 464, and an at-grade railroad crossing.

The 1.9-mile project includes significant earthwork, asphalt pavement, drainage upgrades, curb and gutter, sidewalks, bike paths, concrete retaining walls, architectural noise walls, upgraded traffic control, and new signalization, as well as the installation of 12 drainage retention areas. In conjunction with this project, the City of Ocala and Marion County entered into a joint inter-local agreement to include water line and sanitary sewer adjustments, relocations, and improvements.

Specific Construction Elements included:

- A multi Phased MOT plan which allowed for construction of the new EB lanes, while maintaining traffic on the existing lanes, then traffic was switched and the new WB lanes were completed. At the completion of the job, short-term traffic zones were set to complete the final lift of asphalt.

SE 31st Street Improvements Project

- The Contract established a 90 day utility window which was determined by the contractor to allow for the relocation of overhead power, communication, and cable from the existing poles to new concrete overhead poles that would be free of roadway construction. Proactive coordination was required by Hill International, Inc. to ensure that the utility companies maintained their schedule and did not impact the roadway contractor's schedule.
- Sink Hole Repair – during the construction, an unforeseen sinkhole appeared within the roadway. The sinkhole was stabilized by completing additional excavation and placing low strength grout.

Belle Terre Parkway Four-Laning Project

Palm Coast, FL



Hill is currently providing Construction Engineering and Inspection Services to the City of Palm Coast for the Belle Terre Parkway Four-Laning Project. The \$26.7 million project entails widening and/or reconstruction of a 4.1 mile stretch of Belle Terre Parkway between Palm Coast Parkway and Matanza Woods Parkway to a four-lane divided urban roadway. The northern 0.6 miles of Belle Terre will be realigned to connect to the Matanza Woods Parkway at the intersection of Lakeview Boulevard.

The project consists of asphalt pavement, concrete retaining walls, installation of over 7.4 miles of drainage pipe ranging from 18" to 72", new concrete curb and gutter, sidewalks, and driveway aprons. In addition, the project includes streetscape and irrigation, upgrades to stormwater retention facilities and traffic control, including signage, striping, and signalization. Utility coordination will be at the forefront as local power, cable, and communication facilities will be relocated in conjunction with construction activities, as well as new installations of waterline and sanitary sewer.

Along the corridor of this project are several residential developments, two schools, several churches, a fire station, a community park, and multiple businesses. The widening and realigning will facilitate safe and efficient traffic flow through the north-south arterial as the quickly growing City continues to expand. The construction schedule and traffic phasing will be critical to ensure continuous access can be maintained throughout the project during construction.

Client Contact:
City of Palm Coast
Michael Esposito
Project Manager
160 Cypress Point Parkway,
Suite B106
Palm Coast, FL 32164
386-986-2461

Service:
Construction Engineering
and Inspection

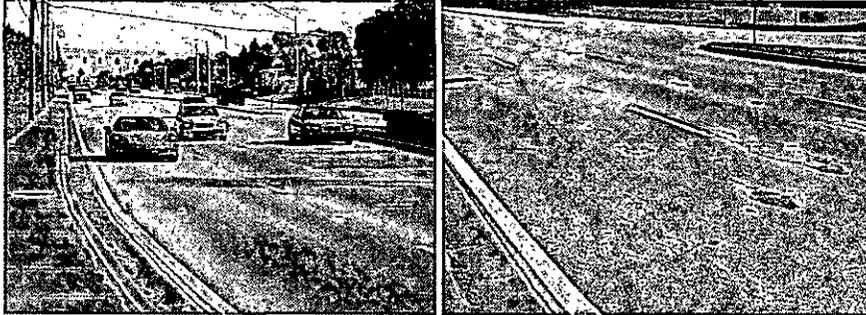
Total Project Value:
\$26.7 Million

Completion Date:
2010

Key Professionals:
Ray Farcas -
Senior Project Engineer
Stephen Mix -
Resident Inspector
Dustin Savage -
Inspector
Dan Sokol -
Project Director

Port St. Lucie Boulevard Reconstruction

Port St. Lucie, FL



Client Contact:
City of Port St. Lucie
Jennifer Gent, PE
Civil Engineer
121 SW Port St. Lucie Blvd.
Port St. Lucie, FL 34984
772-871-7340

Service:
Construction Engineering
and Inspection

Total Project Value:
\$600,000

Completion Date:
2011

Key Professionals:
Raymond Farcas -
Project Manager
Stephen Mix -
Project Manager

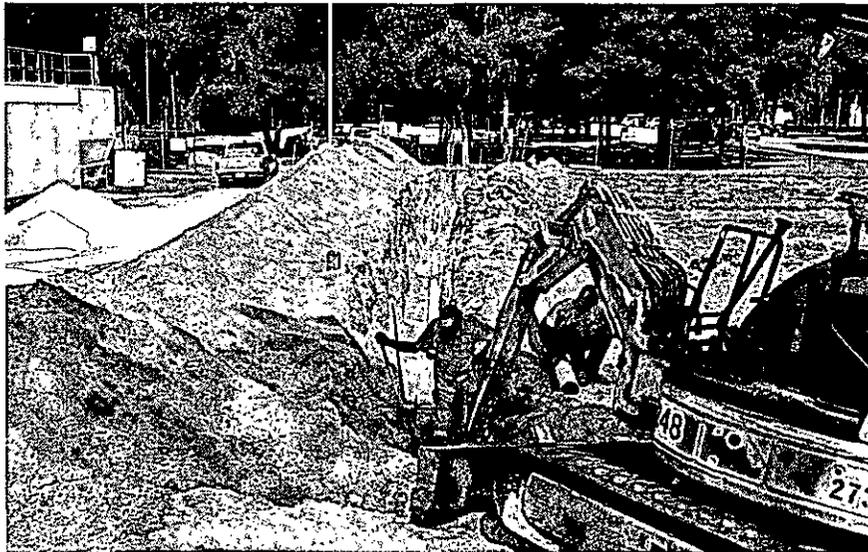
Hill International is under contract to provide Construction Engineering and Inspection (CEI) services for the City of Port St. Lucie's Port St. Lucie Boulevard Reconstruction project. This ARRA and LAP funded project entails reconstruction of the six lane divided roadway between SW Greco Lane and SW Sansom Lane.

The project generally consists of milling and resurfacing, reconstruction of the existing base utilizing black base, installation of new drainage structures and under drains, de-silting of the existing pipe, and construction of new curb and gutter, sidewalks, curb cut ramps, and ditch pavement as well as upgrades to traffic control including signage and pavement markings.

Maintenance of traffic will be at the forefront, as this section of the boulevard is a major east-west corridor thru the City with high average daily traffic counts. Hill is under contract to provide full CEI services including contract administration, resident inspection, public outreach/awareness, and oversight and preparation of all federal ARRA and LAP compliance and reporting documentation, which includes EEO, DBE, OJT, Prevailing Wage, and Job Creation.

I-75 Sumter County Rest Area Water Treatment Facility

Orlando, FL



Client Contact:
Florida Department of
Transportation - District 5
Ed Peterson
Project Manager
719 S. Woodland Blvd.
DeLand, FL 32720
352-326-7729

Service:
Construction Engineering
and Inspection

Total Project Value:
\$5 Million

Completion Date:
2010

Key Professionals:
Ray Farcas - Project Manager
Ron Padgett - Inspector

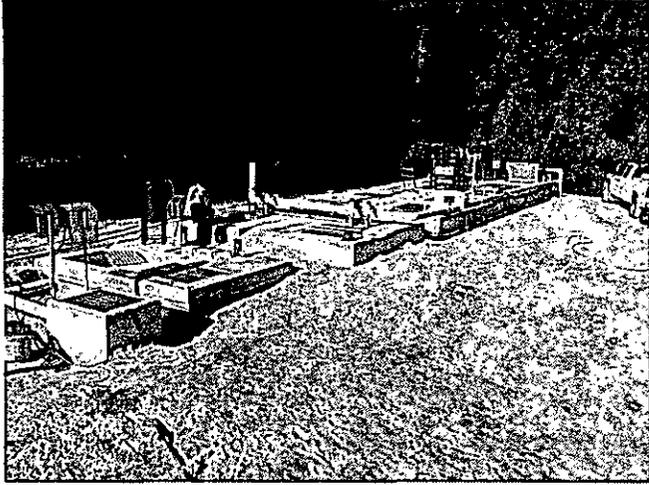
Hill International is providing CEI Services as part of a team for FDOT District 5 Group 113 projects. The Group 113 Contract involves three individual projects, which includes roadway widening, roadway resurfacing, and a wastewater treatment facility reconstruction project. Hill's specific task was to provide resident inspection services for the I-75 SB Rest Area Wastewater Treatment Plant Reconstruction Project.

The scope of work consisted of constructing a new, in ground, pre-cast, concrete wastewater treatment plant at the I-75 southbound rest area followed by the demolition of the existing treatment plant. The new facility was constructed of prefabricated 5000 psi, reinforced concrete sections, which were manufactured in a factory controlled environment and then transported and assembled on site. The new plant is designed to flow an average of 30,000 GPD and handle a 104 GPM peak flow with a 16 hour run off period while utilizing state of the art technology. Upon completion of the new facility, the plant will be able to provide an effluent reduction of 92% of mg/l, in BOD5 and suspended solids, from the influent concentration.

A substantial part of the work will be the delicate deactivation and demolition of the existing facility such that the environment is not contaminated and/or the public is not exposed to any harmful bacteria as the existing plant is only located 200 feet from the nearest public facility. The existing WWTP will be pressure cleaned and chlorinated with the residuals being pumped into the new facility's aerobic digester to ensure safe disposal of the slurry material before being dismantled.

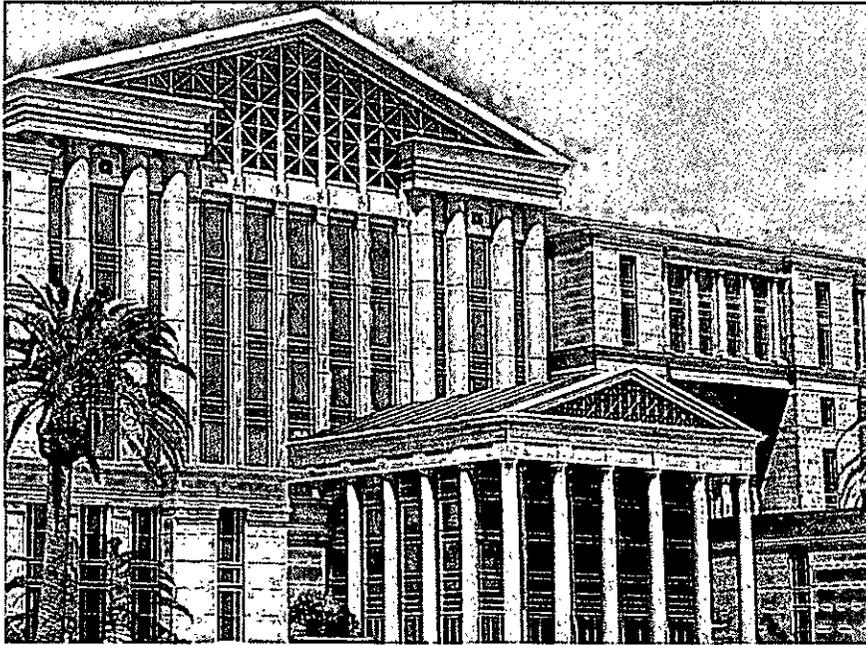
I-75 Sumter County Rest Area Water Treatment Facility

The scope of Hill International's services includes resident inspection services and coordination with FDOT, FDEP and the plant's operator. Since the Group 113 projects were federally funded, the project required audits of prevailing wage, EEO and the DBE programs. It was Hill's responsibility to ensure compliance with these federal requirements by conducting interviews of the contractor's workforce to ensure wage rate compliance; reviewing weekly certified payroll submissions; completing EEO audits and checklists to ensure compliance on a monthly basis; and verifying the contractor's commercially useful function reports are accurate to ensure the DBE requirements are met.



Duval County Unified Courthouse

Jacksonville, FL



Client Contact:
City of Jacksonville
Dave Schneider, PE
Senior Project Manager
214 N. Hogan Street
Jacksonville, FL 32202
904-255-8746

Service:
Construction Management
Owner's Representative

Total Project Value:
\$211 Million

Completion Date:
2012

Key Professionals:
Dan Sokol -
Project Director
Ray Farcas -
Project Manager
Dustin Savage -
Project Support

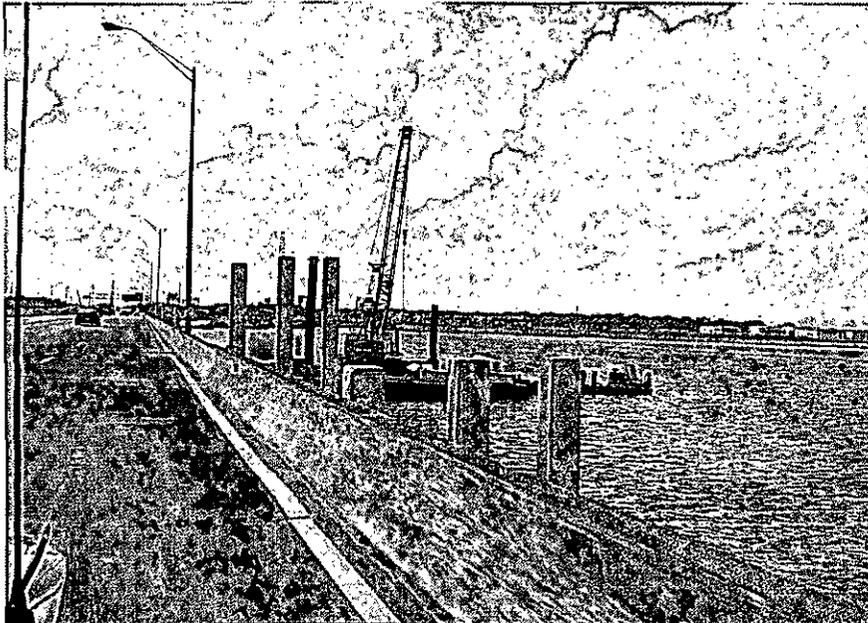
Hill International is part of the Owner's Representative Team supporting the City of Jacksonville on their new \$211 million Duval County Unified Courthouse project. The planned unified courthouse will be a seven-story, 788,000 SF campus-style facility, which will house both the Civil and Criminal courts for Duval County, Florida. The building will be constructed on portions of a six-block site in downtown Jacksonville, north of the St. Johns River. The site has been cleared, utility relocations were completed, and construction began in early 2008, with completion planned for the end of 2012. Associated with the building construction will be a realignment of Monroe Street, which currently bisects the six-block site.

The new courthouse will be built to accommodate the projected needs to the year 2025, which includes 51 courtrooms, handling the Civil, Criminal, and Family courts. The program allows for the Public Defender and the State Attorney to be housed in nearby buildings.

Hill is providing various professional services including: cost estimating, constructability reviews, alternatives analysis, building studies, contract delivery analysis, scheduling, contract packaging, and scope of work reviews through the design phase of the project, and then providing construction management services through the construction phase.

SR 408 Widening Project

Orlando, FL



Client Contact:
Orlando-Orange County
Expressway Authority
Ben Dreiling
Director of Construction
4974 ORL Tower Road
Orlando, FL 32807
407-690-5000

Service:
Construction Engineering
and Inspection

Total Project Value:
\$70 Million

Completion Date:
2009

Key Professionals:
Dan Sokol -
Project Director
Robert Rossbach -
Senior Inspector

Hill International provided Construction Engineering and Inspection services for the Orlando Orange County Expressway Authority's SR 408 Widening Project. This \$70 million project includes widening of the existing one-mile long bridge over Lake Underhill, construction of new toll plazas, ramps, widening of mainline roadway, and reconstruction of two overpass bridge structures.

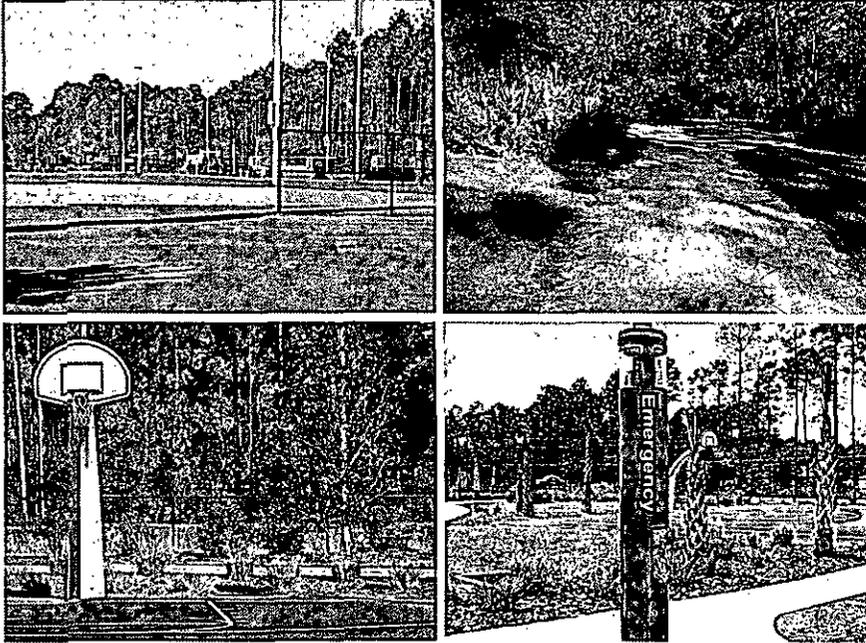
Project elements include piling; concrete structure construction; concrete decks; concrete girders; toll facility construction, including mechanical, electrical, and plumbing trades; earthwork; underground utilities; drainage; lighting; and extensive maintenance of traffic. The bridge structures include architectural cladding.

The majority of the work is being performed while traffic is maintained, with allowable lane closures for specified operations during specified hours. Additionally, much of the work is performed over a lake, which requires extensive efforts to maintain the safety of the recreational users of the lake, while still maintaining job productivity.

Prior to construction, Hill performed detailed schedule scenarios to help determine the most efficient schedule, and what cost impacts would occur with schedule compression. Hill also conducted a plan and constructability review of the project.

Ralph Carter Park

Palm Coast, FL



Client Contact:
City of Palm Coast
Carl Cote, RA
Project Manager
160 Cypress Point Parkway
Suite B106
Palm Coast, FL 32164
386-986-3748

Service:
Professional Engineering

Total Project Value:
\$2.2 Million

Completion Date:
2007

Project Staff:
Dan Sokol - Project Director
Ray Farcas - Estimator

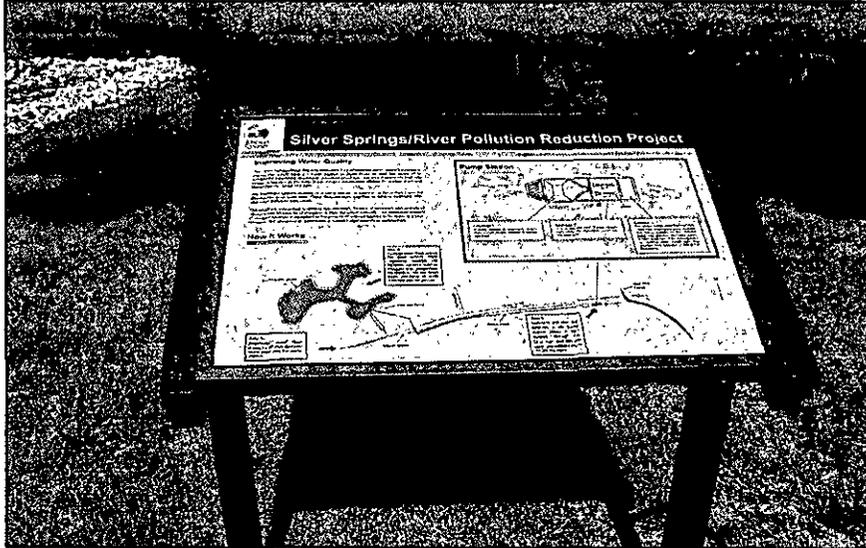
Hill International provided professional engineering services for the City of Palm Coast's new Ralph Carter Park project located adjacent to Rymfire Elementary School. The new 13.1 acre park included three multi-sports fields, basketball courts, a mini-skate park, a 46'x22' pavilion with restroom facilities, a playground area, gazebo, parking facilities and a memorial plaque dedication area. The entire park was irrigated, illuminated, landscaped and surrounded by architectural fencing, sidewalks and walking trails.

Work also included demolition, asphalt paving, drainage improvements, erosion control, and water and sewer utility enhancements.

The City of Palm Coast has added tremendous new recreation opportunities to the southwest side of the community. The Park is a high quality, fun and safe recreational area where kids can congregate after school or on the weekends. The Park was named in memory of Former City Council Member, Ralph Carter, who was strongly dedicated to bringing quality recreation to Palm Coast youth.

Silver Springs Stormwater Pollution Reduction Project

Ocala, FL



Client Contact:
Marion County
Gail Mowry, PE
Clean Water Engineer
412 SE 25th Avenue
Ocala, FL 34471
352-671-8353

Service:
Resident Inspection

Total Project Value:
\$1.6 Million

Completion Date:
2010

Project Staff:
Ray Farcas - Project Manager
Dustin Savage - Inspector

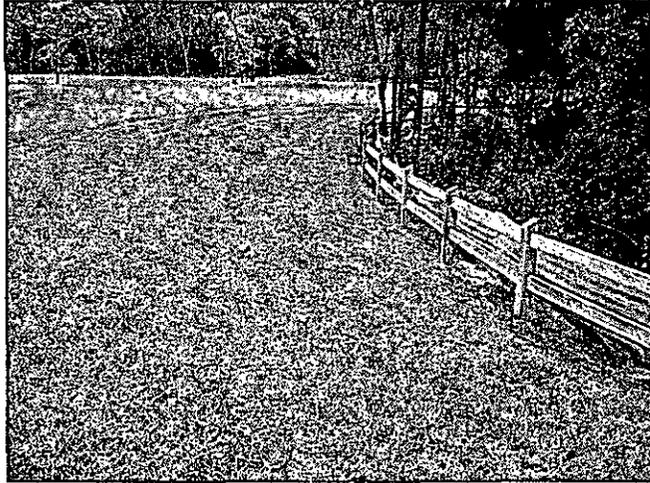
Under a Continuing Services Agreement with Marion County, Florida, Hill International provided resident inspection services for this FDOT funded project, which is administered by Marion County, and is located in the City of Ocala. The project includes a reinforced concrete pump station and pollution reduction facility that collects stormwater off of SR 40 and filters trash and sediment prior to pumping the effluent approximately ½ mile down the road thru a 20" DR17 HDPE force main pipe to a new retention basin located within a park. The basin was constructed such that it did not disturb the high density lithologic areas, the old lumber mill archaeological resource area, and with selective clearing and grubbing and exotic plant removals.

The project's park enhancements included the construction of a varying 8'-12' wide recreational, interpretive mulched trail that surrounded the perimeter of the retention pond and included historic destinations for the high density lithological areas, the old lumber mill archaeological resource area, and sink hole area. The archaeological lumber mill area was protected with a 4' high wooden mortise fence. A parking lot was constructed along with a gated, stabilized access road to maintain the pond site. During construction, the trail alignment was staked out and adjusted to minimize impacts to trees, surface debris was removed, and temporary tree barricades were erected to protect the large oak trees.

The project is extremely important to the area to help protect the famous Silver Springs, origin of the glass bottom boats and a popular central Florida

Silver Springs Stormwater Pollution Reduction Project

tourist attraction dating back to the 1870's. Florida Springs and the Aquifer are in distress from surface water runoff carrying nitrates and other pollutants which enter into the drainage systems and degrade the water quality. This project is one of many projects and efforts to help restore and protect water quality in the Silver Springs groundwater basin. Our scope of work includes resident inspection services, as well as coordination with the County, FDOT and the FDEP.



Current Workload for CEI Services

Client Name	Project Name	Description	Est. Completion Date
City of Palm Coast	Belle Terre Parkway Four-Laning Project	Widening and reconstruction of a 4.1 mile stretch of Belle Terre Parkway between Palm Coast Parkway and Matanza Woods Parkway to a four-lane divided urban roadway	05/2011
Marion County	Marion County Transportation ID/IQ	Widening of the existing two-lane roadway through a residential area to a four-lane divided facility from SE 19th Avenue to SR 464	09/2011
City of Port St. Lucie	Port St. Lucie Blvd. Reconstruction	Reconstruction of Port St. Lucie Blvd. from Greco Lane to Sansom Lane	07/2011
Commonwealth of Pennsylvania	I-95, Cottman Avenue Interchange (SR0095 Section CP1)	Reconstruction and improvement of the I-95 interchanges at Cottman and Princeton Avenues and the reconstruction of approximately 1.4 miles of adjacent mainline roadway on I-95 in Philadelphia	05/2011
Commonwealth of Pennsylvania	I-95, Girard Avenue Interchange Design	Reconstruction and improvement of I-95 between Allegheny Avenue and Race Street as well as local improvements to improve direct access to the Delaware River waterfront and redirect non-local traffic from residential neighborhoods	01/2016
Commonwealth of Pennsylvania	Schuylkill River Bridge Reconstruction (SR 0476 Section RES)	Bridge re-decking, drainage improvements, ITS elements, sign structure replacements, traffic signal upgrade at one intersection, bridge painting, drainage and downspout upgrades	11/2011
Commonwealth of Pennsylvania	SR 0476 Section RDC, Roadway Rehabilitation	Reconstruction of approximately 3.5 miles of roadway between the I-76 Interchange and the Mid-County Interchange with the Pennsylvania Turnpike	10/2011
CSX	National Gateway Initiative - Phase 1	Double-stack intermodal service and necessitates clearance work on obstructions in OH, PA, MD, WV, VA, NC, and Washington, D.C.; there are a total of 40 obstructions in Phase 1)	04/2013
Delaware River Joint Toll Bridge Commission	Delaware River Joint Toll Bridge - Open Task Order	Pub 408, General Provisions and Scheduling	04/2011
Federal Transit Administration	UTA Mid-Jordan Light Rail Transit	Approximately 10.6 miles in length, the Mid-Jordan Light Rail Transit (LRT) will extend from the 6400 South/Fashion Place Station along the Bingham Branch rail corridor and will continue through to the planned mixed-use community	06/2011
New Jersey Transit	New Jersey Transit - Task Order Contract	Three-year task order contract by NJ TRANSIT to provide on-call construction management services	05/2011
Pennsylvania Department of Transportation	PA 63-309 Connector - Phase 1	The Connector Project is located in a 5-mile corridor running east to west through five townships in Montgomery and Bucks Counties, Pennsylvania	08/2013

Client Name	Project Name	Description	Est. Completion Date
Pennsylvania Department of Transportation	PennDOT District 6-0 Transportation Infrastructure Improvements	\$1 billion reconstruction and rehabilitation of I-95 and other roadways in the Philadelphia metropolitan area including reconstruction of portions of I-95, from Academy Road in Philadelphia's northern suburbs to Delancey Street in South Philadelphia; reconstruction of portions of I-476 in Montgomery and Delaware counties, I-676 in Philadelphia, SR 413 in Bucks County, and Columbus Boulevard and Rhawn Street in the city's southern and northern sections, respectively	06/2019
Skanska USA Building, Inc.	Tren Urbano - Extension of Staff	17-kilometer, 16-station, two-track, heavy-rail transit system that links several cities in Puerto Rico	02/2013
U.S. Department of Transportation	Central Florida Commuter Rail Transit	Approximately 61-mile new commuter rail transit project extending north and south of Orlando, Florida, that will serve 17 stations	01/2015
U.S. Department of Transportation	FTA PMO State Transportation Agency Projects	As part of this on-going contract, Hill oversees federally funded transit agency projects, providing technical, financial and management oversight capabilities to FTA on various transit construction project assignments	06/2014
U.S. Department of Transportation	Dulles Corridor Metrorail Extension to Wiehle Avenue	Dulles Corridor Metrorail Project Extension to Wiehle Avenue	11/2014
U.S. Department of Transportation	Washington Metropolitan Area Transit Authority System Infrastructure Rehabilitation Program (WMATA)	A new System Infrastructure Rehabilitation Program will enhance WMATA's ability to keep the system in a state of good repair with minimum disruption to the riding public while increasing productivity and reducing construction costs. The new program will eventually include all Metrorail stations, line facilities, rail yard facilities and bus facilities.	11/2014

Integrating Institutional Standards

Client satisfaction and project success for this important project requires the efficient incorporation of institution standards into the programming and delivery of each project. Yet each project will have unique requirements and opportunities. In order to verify that standards are met, the project team will focus on technical standards, system-wide circulation controls, security considerations, site-specific programs for populations served, and local opportunities and issues. This will be done in the context of municipal and county standards, image-related requirements, and sustainability goals.

The Hill team management plan for controlling quality is accomplished through a comprehensive QA/QC Program. This program will involve monitoring work being performed by contractors/subcontractors, testing materials, checking subcontractor layouts, vendor surveillance, as well as the final acceptance of subcontractor work.

The goal of a QA/QC Program is to verify that all work performed and all materials incorporated in the work are in compliance with the contract documents. These requirements include, but are not limited to:

- Checking subcontractor material certifications and samples, shop drawing reviews, and product data reviews
- Inspecting delivered materials and equipment
- Performing shop inspection of subcontractor furnished special equipment and fabricated items
- Inspecting work-in-progress and work in-place
- Monitoring construction operations and field testing of construction materials

Available Resources

Hill's computer resources are comprehensive, and fully integrated with the firm's project management and project design systems. Our wide area network (WAN) links Hill offices worldwide. Hill maintains both a corporate Web site (www.hillintl.com) and a substantial intranet site, which utilizes file transfer protocol (FTP) technology for project file coordination and exchange.

While at home or traveling, employees can access the Hill network through a secure virtual private network (VPN) connection. Data security is a priority with Hill. Antivirus software (Trend Micro) is installed on all computers and servers; remote access to the Hill WAN is controlled via secure firewall technology. Virus definitions are automatically updated as soon as they are made available.

Network Infrastructure

Hill utilizes HP servers running Windows Server 2003 R2, HP tape units for nightly backups as well as Iron Mountain for secured online backups at remote sites. Tapes are sent off site for storage and redundancy. Our current network infrastructure primarily consists of Cisco equipment including routers, switches, firewalls, and WAN acceleration devices.

Laptops/Desktops/Printers

Hill supplies its employees with computer workstations that will meet the needs of any assigned project. Desktop computers and laptops are routinely replaced with new units every three years. The current inventory consists of Pentium 4--class machines operating at speeds of up to 3.4 GHz. Memory provided on each system ranges from 1GB to 4GB. Single LCD monitors range from 17" to 32" and dual monitors for design, scheduling, and graphics go up to 22". Laptops with cutting-edge connectivity options are used whenever employee mobility is needed to meet project requirements.

Hill International uses HP plotters and printers in most offices and project sites. We also have specialized units available as needed, such as Konica high-speed printer, scanner units for document control purposes.

Project Controls Software

Hill has successfully tailored information systems to the reporting needs of the Owner. This includes tracking and reporting of schedules, financials, technical, and quality parameters. We design a unique system to control, coordinate, process, and retrieve pertinent project information aimed at controlling scope, cost, schedule, and thereby:

- Increasing management efficiency
- Keeping stakeholders and management informed
- Providing a framework for decision making
- Reducing the risk of claims
- Maintaining an auditable record

Hill uses state-of-the-art computer systems and software. We maintain an array of applications, including programs for project management, project design systems, graphics, database management, analysis and scheduling, and an experienced staff who use computers for optimal quality and efficiency on every project the firm undertakes.

Specific design and analysis tools maintained and/or used by Hill disciplines include but are not limited to the following:

- Business Applications – Microsoft Office 2003/2007
- Estimating – Timberline, RS Means, WinEstimator, MC² Estimating, ICE (Integrated Cost Estimating) and OnCenter
- Scheduling – Primavera P6, P3, MS Project 2007
- Documentation - Contract Manager v11, Meridian Systems, Autodesk Constructware, Bentley ProjectWise, Autodesk Buzzsaw, Asta Project Management, SharePoint, Live Link, PDM

Reports Using Expedition

Expedition reports will aide the County to control all operations including, but not limited to, budget tracking, cost variances, and project changes from multiple projects to analyze comparative trends and cause/effect among projects. Due to the flexibility of the system, the degree of sophistication can vary significantly depending on the project, e.g., the repair of hardware versus a new HVAC system. Hill is using Expedition on over 100 projects throughout the U.S.

2.C Willingness to Meet Schedule and Budget Requirements

Timely Completion of Projects

Achieving timely completion of every project is dependent upon three important factors:

- Appropriate understanding of the required project activities
- Team buy-in and commitments to the project schedule requirements
- An understanding of team activity interdependencies

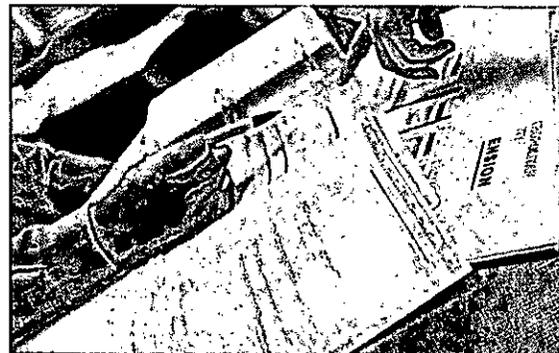
Additionally, during the scheduling work session the entire team will gain a better understanding and appreciation for the sequencing of activities that must be considered for the schedule as many activities are dependent upon the completion of other activities by other team members, etc.

Hill will work diligently with the project team on these three critical items. First, we will establish scheduling sessions with the key team members to develop and then maintain the project schedule. Through this process we will be able to properly identify the real project activities required for a successful project. With the activities identified, appropriate activity durations will be assigned to tasks as provided by the project team members responsible for each activity. It is only through this process that the team will commit and buy-into the schedule requirements for the project.

Similar to the development of the project budget, contingencies must be considered when setting a project schedule. Changes to the original plan are inevitable and will need to be accommodated by the project schedule as the project team moves through the phases of work together. However, since good planning cannot always deliver us from scheduling challenges, our ongoing team schedule interaction will help us resolve those challenges. Since the project team will maintain an understanding of the team interdependencies, recovery schedules can be developed by the project team as needed.

Schedule Control

Scheduling is critical to the success of any project. Hill has extensive experience in the preparation and maintenance of construction schedules. The development of realistic schedules, time frames, milestones, phases, and work packages is the baseline for sound time management and control to assure successful project execution and completion on time and within budget.



Hill understands that the project schedule must be both sensitive and responsive to the needs of Leon County.

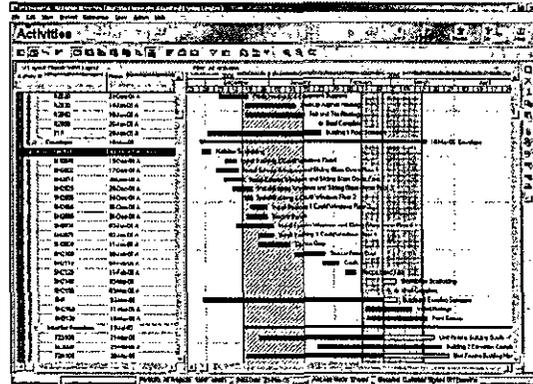
Schedules are reviewed outlining and highlighting the major activities, milestones, decision points, and

time frames required. Our staff is experienced in preparing computerized Critical Path Method (CPM) project schedules using Microsoft Project and Oracle's Primavera SureTrak, P3, and P6 web-based, so we understand the fundamentals of good scheduling technique. Hill utilizes the schedule as a tool during all project progress meetings to highlight progress, discuss and plan for upcoming required decision points, milestones, and submittal activities.

A well developed master schedule will provide an excellent management and communication tool for the entire project team. The schedule also helps to keep the project team members accountable for completing their work on schedule so the project is not delayed.

Hill's first priority will be to meet with the appropriate stakeholders or parties to understand the needs and requirements of the project, to assess the current status, and to validate the master project schedule. At this time, we will identify and establish the appropriate level of schedule detail, work breakdown structure (WBS) sequencing, presentation methods, reporting frequency, respective to the work phase and as required by the County. Identification and communication of the requirements and procedures to be used by the project team members to the required parties is essential.

When required by the specific task assignment, Hill will review the design team's schedule to make certain that a workable plan has been developed, addressing all of the contract requirements, and properly forecasting the time frames in which the work will be performed. We will then review all of the planned activities for the total project in order to confirm that all aspects of the work have been properly sequenced, and sufficiently detailed, and that appropriate durations have been assigned for each activity. Our review will also include an analysis of the logic used to organize and sequence the activities of the project. Hill will also review the critical path of the schedule for incorrect or preferential logic ties. We will also check for the number of activities on or near the critical path. Too many activities or multiple critical paths are usually indicative of improper scheduling and add risk to the project. If not corrected, these scheduling deficiencies will skew the critical path, causing the schedule to be an inaccurate tool to forecast the project. Based on our knowledge of the construction industry, Hill will identify and anticipate all negative project impacts, such as labor availability or material shortages. In addition, Hill will identify "long lead time" items and recommend that allowances in the schedule be made to accommodate the proper coordination and delivery of these items to minimize any potential delay in the overall project schedule.



During construction, Hill will continuously monitor and document all submissions, materials/equipment deliveries, and the actual progress of work completed by the team. At each construction progress meeting, Hill will review the status of the project schedule. This will include reviewing open requests for information, submittal and shop drawing logs, delivery and receipt of all long lead items, payments and contract modifications, and all required inspections and tests.

In addition, Hill will require “two-week look ahead” schedules from the contractors with detailed work breakdowns and the performance expectations that go with them. These fragnets are efficient planning tools that also allow for an immediate, in-depth analysis of project progress or delays. Hill will continually compare actual progress to the master project schedule to check that the project remains on schedule. The thorough analysis of the schedule and budget variances help to identify the problems at the beginning. Through this process, Hill will identify deviations from the project schedule quickly. Should a deviation be detected, and the need arise, Hill will thoroughly analyze the circumstances causing the project delay and identify the responsible party. Hill will provide a recommended course of action to minimize the impact of the delay to the project and prevent any further schedule slippage. In the event that corrections are deemed necessary, Hill will consult with Leon County to propose schedule alternatives to achieve all project objectives.

As the project progresses, contractor payment requests will be carefully reviewed and compared against the schedule in order to verify that the amounts requested are appropriate for the work that has been put into place and in the time frames required. Through the use of a cost-loaded schedule, Hill can accurately determine the value of work in place and make certain that all payments are commensurate with the monthly payment requisitions. Actual project expenditures and anticipated project costs will be compiled in a detailed cost report. This information, along with an updated project schedule, tracking logs, and copies of all meeting minutes, will be summarized in monthly reports and submitted to Leon County to demonstrate that the project is being constructed on-time and within budget.

These scheduling services will verify that Leon County is aware of project status on a current basis, enabling timely and accurate decisions with appropriate actions. Our approach to construction project management is to stay informed, act expeditiously, anticipate problems, develop cost-effective solutions, and keep the project moving forward.

Cost Control Process

Good cost control starts with the establishment of an achievable, realistic budget, broken down in sufficient detail for each major element or component of the project. The budget needs to include both hard and soft costs and appropriate allowances for contingencies, indicative of the phase of the design. The objective of the Hill cost control process is to provide accurate and timely budget and cost data information and to assure that the design and construction work scope is responsive to the budget established by Leon County. Hill has established processes and reporting procedures for providing cost controls that shall be modified to meet the specific needs of the Leon County projects.

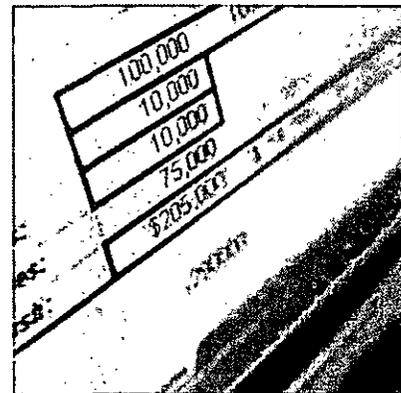


- Hill will work with Leon County and the design team to develop a detailed baseline budget for all phases and major work elements from the pre-design phase to project closeout. This also includes the development of baseline spending forecast and cash flow projections. Hill will work

closely with the County to develop a “project specific” code of accounts that correlates with the coding structure in the current accounting system. This process provides better accuracy when payment recommendations are made and for tracking actual costs against the correct budget line item.

- As the design cost estimates (SD, DD, and CD) are completed and approved, the project budget will be updated. Actual costs will be updated on a monthly basis, this includes updating the spending forecast, cash flow projections, making adjustments to the proformas, and identifying any budget issues or concerns. All cost control information will be included in the monthly report to Leon County.
- During the construction phase, the cost focus shifts to change control. Any changes created due to design modifications, actual bid prices, construction changes, etc. will be incorporated in this cost control process along with updates to spending forecasts and cash flows.
- Hill will verify that the contracts, awarded by Leon County, contain specification contract language that details the requirements the contractor must follow for providing cost information to Leon County and the Hill team.
- Hill has a standardized procedure for the processing of contractor progress payments, whereby the Hill team is responsible for the verification of work completed and provides a recommendation of payment to Leon County. It is important that the entire payment process be completed within contractual time frames, while not disbursing the funds too early. Once the approval process has been completed, the various entities that participate in the process will be informed immediately so that subsequent requests or reviews may take this into account.

To tie the budget and cost controls to the project schedule Hill uses Primavera P3 (P6 is also available) for planning and controlling project costs. Using the cost estimates developed through the design phase, Hill assigns Cost Account Plan (CAP) for each significant phase of work identified in accordance with the work breakdown structure defined in the project schedule. Approved budgets are allocated to each Task activity identified in the project schedule by labor, materials, equipment, or purchase order. Using the coding structure established in the development of the project schedule (i.e., phase, responsibility, CSI division, owner project accounting codes, funding source, etc.) budget performance reports can be generated for management and the project team reviews.



The Hill team will proactively monitor and address any potential cost concerns and/or impacts to the project budget with regard to capital expenditures, time-phased requirements, scope creep during the design process, procurements, and construction phases. Successful cost control can only be achieved through the good communications within the entire project team. To work effectively, Leon County and the Hill team will have available to them:

- A system to capture, monitor, analyze, and forecast impact/deviations versus established benchmarks for the time, budget, and scope of the project;
- Budget/cost reports;
- Project schedules; and
- Project procedures.

The ultimate objective is to provide management with timely cost information regarding current project status and cost to date, coupled with a realistic spending forecast to complete the remaining work, and at what cost. Our goal at Hill is to make sure the project vision becomes a reality, on schedule, and within budget.

2.D Effect of Firm's Recent, Current, and Projected Workload

Hill's ability to respond efficiently to project requirements is due, in part, to the size of our firm. Our total staff of 3,000 personnel, including 85 professionals in Florida, has sufficient depth in the disciplines and job categories indicated to accommodate our client's needs.

The status of Hill's present workload is such that all project personnel have adequate time available to dedicate to the project's needs immediately. We forecast personnel requirements six months ahead and maintain our staff capacity accordingly, therefore enabling us to adapt to any schedule requirements. This further allows Hill to predict instances in which the staff assigned to a project will need to be increased. Due to these in-house procedures and the size of our firm, we are especially adept at handling the requirements of on-call service needs for multiple simultaneous projects.

The proposed project team will be assembled for the duration of the project, with key personnel retaining their responsibilities through all phases of the project assignment. This continuity of responsibility has proved to enhance communication and coordination among team members and with our clients.

Our team will work effectively with Leon County on the CEI Services to facilitate the correct balance of available support staff at all times. We have an appropriate depth of staff to provide the flexibility of increasing and decreasing project staffing as the program necessitates, thereby providing Leon County with the optimal and most cost-effective work solutions.

Our approach to CEI Services is to foster ongoing dialogue with Leon County and approval agencies to verify accurate and timely project execution.

Current and Projected Workloads of Identified Key Personnel

Name	Position	Current and Planned Commitment				
		2011			2012	2013
		Q2	Q3	Q4		
Daniel P. Sokol, PE (H)	Senior Project Engineer	75%	75%	75%	75%	75%
Raymond J. Farcas, PE (H)	Project Manager	50%	50%	50%	25%	25%
Stephen M. Mix (H)	Lead Inspector	100%	50%	0%	0%	0%
Robert W. Rossbach, PE (H)	Lead Inspector	0%	0%	0%	0%	0%
Dustin D. Savage (H)	Inspector	100%	0%	0%	0%	0%
Ron Strausser (H)	Inspector	100%	100%	0%	0%	0%
Ron Padgett (H)	Inspector	100%	100%	100%	0%	0%
Eladio Castrodad, PE (H)	Project Manager	75%	75%	50%	50%	50%
Charlie R. Cothran (N)	Asphalt Technician	0%	0%	0%	0%	0%
Denis J. Worthington (N)	Construction Manager	0%	0%	0%	0%	0%
Robert Lizotte (N)	Engineering Technician	0%	0%	0%	0%	0%

List of Current Workload

Current workload for the Eastern U.S. Region of Hill International is listed below.

Client Name	Project Name	Description	% Complete	Completion Date
Architect of the Capitol	U.S. Supreme Court Building	\$122 million modernization of the 335,000 SF Supreme Court Building, and construction of a new 42,000 SF underground annex	98%	03/2011
Baker Project Consulting	Medical Research Facilities	Army Medical Research facility construction and renovation projects	14%	08/2014
Capital Source Bank	Walnut Hill Physicians Hospital	158,000 SF, eight story facility which will be expanded to 188,000 SF	42%	06/2012
City of Jacksonville	Jacksonville Courthouse	New \$211 million seven-story, 788,000 SF campus-style facility, which will house both the Civil and Criminal courts	60%	06/2012
City of Philadelphia, Department of Commerce, Division of Aviation	Philadelphia International Airport	Major capital improvement program designed to bring the airport's landside and airside facilities in line with projected air passenger and aircraft demand	75%	06/2013

Client Name	Project Name	Description	% Complete	Completion Date
City of Reading, PA	Fritz Island Wastewater Treatment Plant	Renovation and upgrade of the wastewater treatment plant that treats effluent from 14 municipalities in the growing region, located near Philadelphia	15%	11/2012
FAI Construction Consultants, Inc.	Norfolk Corps of Engineers Military Base	The contract provides Cost Estimating, Scheduling, and Resource Estimates of Military Projects within the Norfolk District and North Atlantic Division Mission Boundaries	80%	06/2012
General Services Administration	FBI Field Office - Norfolk	New 200,000 SF Class A office building, a parking structure, and two security buildings at two points of entry	1%	02/2013
General Services Administration	NASA New Town Program (Langley Research Center)	The program starts with construction of a design-build administrative building, followed by construction of an integrated service building, and two laboratories and a second administrative building	15%	10/2017
General Services Administration (GSA) - Region 11 NCR	Lafayette Building	\$185 million modernization of the 565,000 SF building, including two underground floors for parking and mechanical and electrical systems infrastructure, as well as 12 above-ground floors for Class-A office space and amenities for multiple tenants	5%	06/2015
General Services Administration (GSA) - Region 11 NCR	The Federal Research Center – White Oak Campus	The campus will provide consolidated office, research, and related support space for the U.S. Food and Drug Administration	94%	06/2011
General Services Administration (GSA) - Region 4	Robert Smith Vance U.S. Courthouse	\$42 million modernization and renovation effort of the Courthouse	64%	01/2012
General Services Administration Federal Acquisition Service	GSA Nationwide Blanket Purchase Agreement	New construction projects and renovations of existing buildings, as well as historic properties	40%	06/2014
Homeland Security Construction Corporation	U.S. Army Corps of Engineers, Philadelphia District IDIQ	Hill's subcontract is with Homeland Security Construction Corp. (HSCC) which was awarded a prime contract from the Philadelphia District of the U.S. Army Corps of Engineers to provide construction management support services at the Aberdeen Proving Ground in Maryland	85%	06/2011

Client Name	Project Name	Description	% Complete	Completion Date
Host Hotels and Resorts, Inc.	Orlando World Center Resort Suites Renovation	Renovation of suites at Orlando World Center Resort	31%	12/2011
Houston METRO	Light Rail Vehicle Procurement Support Services	Assist METRO in selecting light rail vehicle as a subconsultant to LTK Engineering Services	98%	03/2011
McAfee 3 Architects, Inc.	City of Dallas Fire Station	Estimating services for architect designing new fire station	8%	06/2012
National Institutes of Health (NIH)	NIAID RBL/NBL/RCE Grant Program	Construction Management Support Services for the NIAID Regional Biocontainment Laboratories/National Biocontainment Laboratories/Regional Centers for Excellence Grant Program	20%	08/2011
Pennsylvania Department of General Services	SCI Graterford	New \$400 million, 4,100-bed facility, which will also function as a maximum- and medium-security prison	15%	09/2012

2.E Effect of Project Team Location

Hill's team that will conduct the majority of work will predominately reside in Jacksonville, Florida. Hill, and its professionals, care deeply and have strong relationships with the communities where we live and work. Our offices around the world participate in community events, fund-raisers, marathons, and drives to contribute to causes and charities. Hill encourages its staff to participate in community events to foster positive relationships and community sustainability. Although participation is on a volunteer-basis, Hill's staff freely gives their time and donates money and materials.

Experience with Local Workforces

Hill has project experience which has provided specific insight into the importance of developing strong partnerships with local communities, non-governmental organizations, and government representatives. The partnerships are established to achieve the goals of accountability, capacity building, local ownership, and long-term project sustainability. Our team recognizes the importance of project time and cost efficiency, but the ultimate long-term success of the projects will depend on understanding the cultural context and the effective use of local resources. Our team members will engage local partners wherever possible within the project guidelines. The varied backgrounds, cultural experiences, and language fluency of our personnel will allow us to be attentive to cultural nuances that can advance or hinder the project. Our experience has informed us of the challenges for long-term operation and maintenance of projects large and small, when the beneficiary community has limited administrative, technical, and economic capacity. During project implementation, we will be conscious of building capacity for long-term successful management of the project. Hill has made a significant impact on several developing countries by managing multi-discipline infrastructure projects on behalf of owners, government agencies, and non-profit organizations.

Plan for Ensuring Community Involvement and On-Site Visits

Hill routinely provides CEI services for projects in many locations across Florida. For projects where we do not currently have an operating office, we will relocate appropriate staff members to the project location, so they are local and available. Depending on the duration of the assignment, staff can be permanently relocated, or placed on a temporary per diem, residing in a hotel or apartment local to the job site. Depending on the forecasted work load, Hill will often establish a local office at a convenient location to the Owner and the project location(s).

In addition, our Project Manager and area Vice President routinely visit our project staff and the appropriate Owner Representatives. We attend County Commission Meetings and other public meetings to ensure we have our fingers on the pulse of the local community leaders and stakeholders.

We have included on our team, Nodarse and Associates, which maintains an office in Leon County, and will add local presence to our team. Nodarse and Associates personnel maintain close community involvement in all areas where they work, and we will maintain constant communication between our firms during all work assignments.

Long-Term Planning and Community Sustainability

Hill is knowledgeable and willing to lead long-term planning (redevelopment, land reuse plan) and efforts toward community sustainability. An approach may include such elements as:

- Providing the necessary analysis for redevelopment scenarios to support land use plans for industrial/commercial compatible uses
- Managing community outreach efforts by maintaining a communication piece or public meetings, or even help in establishing a community task force or advisory group
- Developing a “give back” to the community (e.g., public space, historic preservation or public education piece) to document the history and culture of the area
- Specific to a resident relocation program for an airport, helping maintain open lines of communication with residents who are not interested in selling and wish to remain in their neighborhoods to keep children in school, plan for retirement, or due to other circumstances that may prohibit them from relocating

2.F Approach to the Project

Hill understands this contract will include providing CEI services on a task order basis for projects that are being constructed by Leon County. We understand the projects can include a multitude of different types of construction. Our personnel are well-versed in a wide array of different types of construction projects, and will be well suited to handle any project the County desires to build.

In fulfilling the requirements of the Scope of Services, Hill will provide qualified personnel, who are flexible, experienced, and cross-trained. Our staff has the flexibility to fulfill full-time and/or part-time assignments, *as needed*. We have a core staff of available project engineers, estimators, plan reviewers, managers, and administrative personnel who are available should the need arise.

Approach to Task Order Services

We will work closely with Leon County at the start of contract negotiations through closeout of each project. We will verify expectations are clearly defined and followed, establish a project budget, and closely monitor our budget and provide regular reports to the County. In doing this, we are typically able to mitigate construction schedule changes by the Contractor without these resulting in additional CEI costs.

We will deal honestly throughout *contract negotiations* and Task Order execution. We will work pro-actively to check we meet every commitment we make, and every expectation by the County. We understand that for a project to be successful, all stakeholders must be satisfied, and we will do our best to check this occurs.

Hill will provide open and regular communication and reporting to the assigned County personnel, and our team will be available to meet at your convenience. We will establish well defined lines of communication, and levels of authority, so that decisions can be made at the lowest possible level, streamlining the decision making process, and keeping the jobs moving forward.

Any project that is undertaken will require communication with stakeholders, including residents, business owners/representatives, churches, schools, pedestrians, and members of the traveling public. Our field personnel will visit project stakeholders to discuss the project, and provide them with contact information to check they can call us directly if they have questions or concerns.

Often, there will be a number of Maintenance of Traffic phases throughout the duration of a project. Our personnel will monitor these traffic zones daily to verify they are properly set up, and that lane closures, shifts, and other traffic pattern changes are safe and easy to follow.

Following are some of the In-House Services that Hill can provide from our local office:

- Scheduling
- Estimating
- Constructability Review
- Inspection

- CEI
- Utility Coordination
- Materials Testing
- Claims Review
- Risk Management

Special Considerations

One of the major potential considerations will be the possibility of Federal funding for projects, and the specific documentation, training and other actions that are required to check that this funding is not placed in jeopardy because of inaccurate or incomplete reporting and missed processes. We consider ourselves experts in handling all of the requirements associated with LAP and ARRA funding.

ARRA Documentation

Hill has completed reporting on behalf of both sub recipients and recipients of stimulus funds. We are registered with recovery.org, and can complete the required quarterly inputting of data, as well as retrieval of reports. We have also completed monthly and quarterly reports for submission to recipient and sub recipients for their input. Our internal checks and balance process includes a multi-level review which includes our Resident Compliance Specialist and *Project Manager* for the project, as well as our internal ARRA compliance officer and our in-house legal department. We will prepare required paperwork for compliance with the Office of Management and Budget – Recovery Act, and shall assist the County in meeting ARRA reporting requirements to meet OMB Memorandum M-09-21 to include Agency and Recipient Reporting requirements, and calculation of Job Creation Estimates.

Kick-off Meeting – We will establish a kick-off meeting with appropriate stakeholders to include FDOT. We will discuss any and all special requirements for construction, safety, training, and documentation. We will establish project specific checklists, as appropriate to verify nothing is missed throughout construction. We will establish clear lines of communication, and follow these lines regularly and consistently.

Labor Compliance – Hill is a leader in the administration of federally-funded projects, having administered many federally funded-projects for federal agencies, DOTs, Cities, and Counties. Our personnel have the experience to administer the necessary audits to assure contractor compliance to various labor standard policies and regulations including prevailing wage, equal employment opportunity (EEO), and disadvantaged business enterprise (DBE) programs. Specifically, we will check that the current prevailing wage rates are posted on the project site; conduct interviews of the contractor’s workforce to verify that they are getting paid these wages; review weekly certified payroll submissions; complete EEO audits and checklists to verify compliance on a monthly basis; and verify the contractor’s commercially useful function reports are accurate to check the DBE requirements are met. Our staff will document and record the compliance of these programs to maintain a continued state of readiness for any internal audits that may be performed.

Tri-Located Documentation System – One of the ways that we prepare for agency internal audits is with the implementation of our Tri-Located Documentation System. Having complete documentation of the activities and records of the compliance with all LPA requirements is one thing, but keeping the Owner informed of project progress is just as important. That is why we developed this very successful system. Up-to-date documentation is required for audits at the field office as well as at the County’s Office and our Regional Office. Our Tri-Located Documentation System allows all parties to remain in touch with the progress of the project as well as maintaining a continuous state of readiness for internal audits.

Possible Difficulties

Coordination with adjacent projects – Depending on the projects that are constructed in association with this agreement, there can be adjacent construction projects, by others, that require coordination. This can create issues, in that there are multiple lines of authority associated with different projects. We will work hard to implement clear lines of communication, and shall establish coordination procedures to check that multiple adjacent or overlapping projects can be completed.

Project Start-up/Initial Coordination – Often, bids for smaller projects are won by smaller Contractors with fewer resources and less flexibility to start and execute the work. This can often require significant coordination by the CEI, and many “false starts” by the Contractor. This can lead to an inspector needing to “sit on the bench,” waiting for construction to start. We have the available staff and flexibility with our resources to handle re-scheduling of activities by the contractor.

Utility Coordination – Utility coordination is often the Achilles heel for a construction project. Utilities require removal or relocation, and this work is typically not the priority of the Utility Company. We will work hard prior to and during the early phases of construction to help coordinate and schedule utility work that is required in order to complete construction.

Availability of Staff – For smaller projects, the inspection requirements often are part-time, and intermittent. This requires the CEI to have multiple, available personnel. We have a full-service office located in Jacksonville, with available staff. We also have additional staff members located in our offices in Palm Coast and Orlando. Staff availability will not be an issue for Hill.

Innovative and Cost Saving Ideas

Advance Review/Evaluation of Tasks

We will review the site and available plans, as well as coordinate a meeting with the appropriate City Representative(s), to verify that we have a full understanding of the project scope. We will conduct a review of the plans and site and identify possible cost saving and risk mitigation ideas. This review will be completed at no cost to the City, and is what we typically do to verify our

services are cost effective to the City. This also allows us to identify obvious cost saving ideas at the earliest possible time, allowing the City to gain the fullest amount of savings possible.

- **Example** – The City of Palm Coast requested a cost proposal to evaluate a property take that was needed for a roadway expansion project. In developing our cost proposal, we identified several hundred thousand dollars in issues/mistakes associated with the negotiation documents. We provided this information to the City in advance of their authorization of our task order, and the City was able to immediately resolve the property take negotiations with the landowner.

Owner Purchased Materials Program

Many public agencies do not take advantage of the tax savings available to them under an Owner Purchased Materials Program. This is often due to perceived difficulties in implementing such a program. We have developed a streamlined process for implementing this program for public agencies. It entails very little additional paperwork by the public agency, but can result in savings of over 1.5% of total construction costs. For a \$10 million construction program, this could result in savings of \$150,000, which would represent a significant portion of the CEI costs.

- **Example** – With no additional CEI costs expended, we coordinated the City of Palm Coast’s Owner Purchased Materials program for the Belle Terre Parkway 4-Laning project, resulting in direct tax savings to the City of over \$410,000.

Constructability Reviews

It is our experience that a proper constructability review can result in savings of as much as \$10 for every \$1 spent on the review. FDOT has reported average savings of 2% of total construction costs when constructability reviews are performed. We have proven experience and a track record of saving Owners millions of dollars through cost saving ideas developed during the constructability review process.

Establish a Project Hotline

Establishing a project Hotline provides a phone number for residents, business owners, and other interested stakeholders to call 24/7 to inquire about the projects. Hotline calls result in an e-mail with an audio file being immediately sent to a designated representative of the CEI’s staff. This allows us to address questions and complaints, and drastically reduces or eliminates the number of calls that need to be fielded by City Personnel. This is a no-cost, value-added service that we will provide.

- **Example** – Our project Hotline for the City of Palm Coast’s Belle Terre Parkway 4-Laning project has handled over 200 calls, fielded by our Project Administrator, saving many hours of City Employee time in addressing issues.

Flexibility of Staffing

We are committed to providing the services you need for your project without insisting that our staff be full-time on every task that is authorized. We have significant staff resources, and multiple staff members that can provide inspection on a part time basis, as required based on the scope of the specific task.

- **Example #1** – In FDOT D5, we are providing part time inspection services for a remote project in Sumter County. The project requires inspection for approximately 30 hours/week, but on an inconsistent schedule. We have the flexibility to provide this part-time inspection.
- **Example #2** – Marion County wanted a lump sum inspection contract for their S.R. 40 Pollution Control structure project. This required our forces to provide varying levels of inspection, from several hours in some weeks to 45 hours in other weeks. Even though there was a contract extension for the Contractor, we completed the project without requiring the use of approximately \$15,000 in approved contingency funds.