



LAKE COUNTY
FLORIDA

REQUEST FOR STATEMENTS OF QUALIFICATIONS (RSQ)
Engineering Design for
Roundabout at CR 561 and CR 455

RSQ Number	13-0025	Senior Contracting Officer	Susan Dugan, CPPB
Proposal Due Date	March 20, 2013	Pre-Proposal Conference	None
Proposal Time	3:00 p.m.	RSQ Issue Date	February 26, 2013


The County, in fulfillment of its interest and desire to realize maximum competition throughout its procurement program, invites and encourages your participation in this competitive purchasing action. If, after review of all requirements you decide not to participate in this solicitation at this time, or would prefer not to receive further notices of solicitations for services of this type, please mark the appropriate space immediately below and return this sheet only.

_____ Not interested at this time; please keep our firm on your List for future requests for this service.

_____ Please remove our firm from your Bidder's List for this type of service.

The respondent hereby agrees to furnish the services pursuant to all requirements, specifications, and scope of services contained in this solicitation document, and further agrees that the language of this document shall govern in the event of a conflict with his or her response. By my signature I certify that this response is made without prior understanding, agreement, or connection with any corporation, firm, business entity, or person submitting a response for the services, and is in all respects fair and without collusion or fraud.

THIS FORM MUST BE SIGNED TO BE CONSIDERED FOR AWARD

COMPANY NAME: Strada Design, LLC		DATE: 3/20/2013
MAILING ADDRESS: 298 Hanging Moss Circle		PHONE: 407-233-5999 FAX: 407-829-4438
CITY: Lake Mary	STATE: Florida	ZIP: 32746
SSN OR FEDERAL TAX NO: 45-5127345	TITLE OF AUTHORIZED REPRESENTATIVE: President	
E-MAIL: Dlucairelli@stradadesignllc.com	WEB URL: N/A	
AUTHORIZED SIGNATURE: 	PRINTED NAME: Dino E. Lucarelli	

Electronic Payment: Please certify whether the bidder will accept payment processed through the County's VISA-based electronic payment system: Yes No (Check one)





March, 20, 2013

Susan Dugan, CPPB
Lake County Procurement Services
315 W. Main Street
4th Floor, Room 441
Tavares, Florida 32778

RE: RSQ# 13-0025 Engineering Design for Roundabout at CR 561 and CR 455

Dear Ms. Dugan:

Strada Design is pleased to submit our qualifications for the Engineering Design of the proposed Roundabout at the intersection of CR 561 and CR 455. **Strada Design** is Florida Department of Transportation (FDOT) prequalified in 3.1, 7.1 and 7.3. Our understanding is that this project is a FDOT Local Agency Program (LAP) Project (FM# 4296061). We have experience with LAP projects and understand the importance of maintaining schedules in order to maintain LAP funding. Time is of the essence for bidding purposes. **Strada Design** is in a unique position to provide undivided attention to this project to assure it stays on schedule. This project will be our priority; we are committed to focus entirely on this project until completion. LAP projects are under FDOT oversight and review. **Strada Design** offers the County extensive expertise in FDOT projects which is an essential element to success.

Project Management

I will be the Project Manager and Senior Highway Engineer for this project. I have successfully managed and designed several projects for Lake County. As part of the management plan, an 11 month schedule has been developed. Monthly Progress Meetings will be conducted with the County to maintain good communication. I have previously worked with all members of our team and can assure a well managed and well run project.

Eleven (11) Month Schedule

<u>ITEM</u>	<u>DATE</u>	<u>COUNTY REVIEW</u>
1. Anticipated Start Date	May 1 st , 2013	
2. Survey Complete	June 14 th , 2013	
3. Geotechnical Information provided	June 14 th , 2013	
4. 30% Plan Submittal	August 2 nd , 2013	2 weeks
5. 60% Plan Submittal	October 18 th , 2013	2 weeks
6. 90% Plan Submittal	December 6 th , 2013	2 weeks
7. 100% Submittal	January 31 st , 2014	2 weeks
8. Final Submittal	March 31 st , 2014	

The Design Team

Strada Design will provide services for the primary design disciplines required for this project; Roadway, Drainage/ Permitting, Signing and Pavement Marking and Lighting. Kenneth Schwartz, P.E. will be the Project Engineer for this project and Larry Ossi, P.E. will perform the lighting design. The design will include utility coordination. **Strada Design** will notify all utilities regarding this project and design impacts to any utility facilities. Utility conflicts will be identified on the plans and the owners will be requested to provide schedules.

FORM A-1

CONFLICT OF INTEREST DISCLOSURE FORM

I HEREBY CERTIFY that

1. I (*printed name*) Dino E. Lucarelli am the (*title*) President and the duly authorized representative of the firm of (*Firm Name*) Strada Design, LLC whose address is 298 Hanging Moss Circle
Lake Mary, Florida 32746, and that I possess the legal authority to make this affidavit on behalf of myself and the firm for which I am acting; and,
2. Except as listed below, no employee, officer, or agent of the firm have any conflicts of interest, real or apparent, due to ownership, other clients, contracts, or interests associated with this project; and,
3. This proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same services, and is in all respects fair and without collusion or fraud.

EXCEPTIONS (List)

Signature: 

Printed Name: Dino E. Lucarelli

Firm Name: Strada Design, LLC

Date: 3/14/13

Sworn to before me this 14th day of MARCH 2013.
, Personally known

OR Produced identification _____ Notary Public - State of _____

(Type of Identification) My Commission expires _____


(Printed, typed or stamped commissioned name of Notary Public)



TRUTH-IN-NEGOTIATION CERTIFICATION

For any lump-sum or cost-plus-a-fixed-fee professional service agreement over \$60,000 the Florida Department of Transportation (Department) requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal.

The Consultant hereby certifies covenants and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement will be accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Department determines the agreement price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such agreement adjustments shall be made within one (1) year following the end of the agreement. For purpose of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Department, whichever is later.

Strada Design, LLC

Name of Consultant

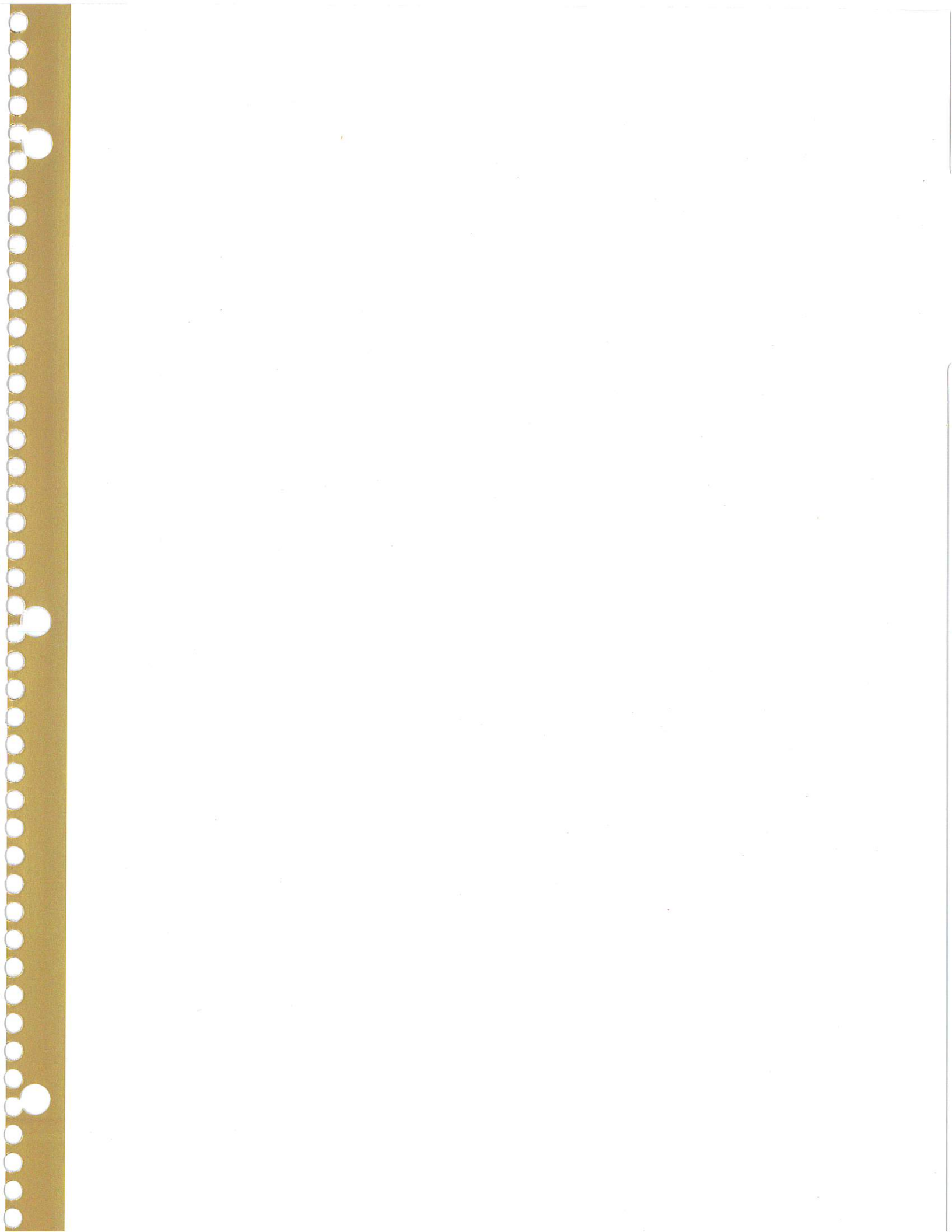
By:

Quinn E. Luccombe

Authorized Signature

3/19/13

Date



FORM 1

FIRM PROFILE

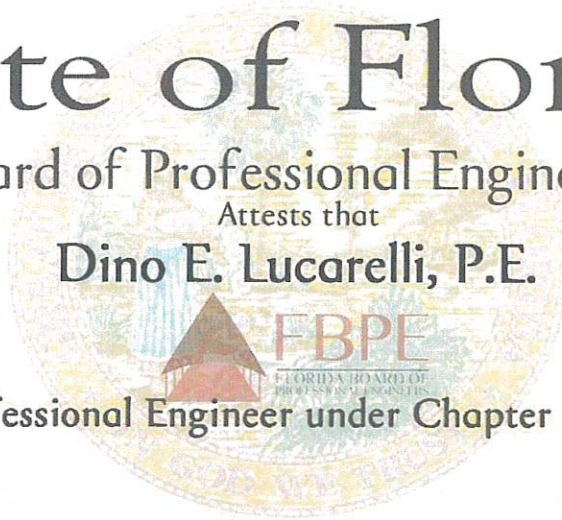
<p>1. Firm (or joint venture) Name and Primary Corporate Address</p> <p align="center">Strada Design, LLC 298 Hanging Moss Circle Lake Mary, Florida 32746</p>	<p>1c. Licensed to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>1c. Registered to do business in the State of Florida <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		
<p>1a. Firm is <input type="checkbox"/> National <input type="checkbox"/> Regional <input checked="" type="checkbox"/> Local</p> <p>FEIN # <u>45-5127345</u></p>	<p>1d. Name, Title & Telephone Number of Principal to Contact</p> <p align="center">Dino E. Lucarelli, President (407-233-5999)</p>		
<p>1b. Firm is a Certified Minority Business Enterprise <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>2. Please list the number of people by discipline that your firm/joint venture will commit to the County's project.</p> <table border="0"> <tr> <td style="vertical-align: top;"> <p align="center">Strada Design</p> <p>1. Roadway/Drainage - 2 People</p> <p>2. Signing & Pavement Marking - 1 Person</p> <p>3. Lighting - 1 Person</p> </td> <td style="vertical-align: top;"> <p align="center">Subconsultants</p> <p>4. Environmental - 1 Person</p> <p>5. Survey - 2 People, 1 survey crew</p> <p>6. Structural (Optional) - 1 Person</p> <p>7. Community Awareness - 1 Person</p> </td> </tr> </table>		<p align="center">Strada Design</p> <p>1. Roadway/Drainage - 2 People</p> <p>2. Signing & Pavement Marking - 1 Person</p> <p>3. Lighting - 1 Person</p>	<p align="center">Subconsultants</p> <p>4. Environmental - 1 Person</p> <p>5. Survey - 2 People, 1 survey crew</p> <p>6. Structural (Optional) - 1 Person</p> <p>7. Community Awareness - 1 Person</p>
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<p>3. If submittal is by joint venture list participating firms and outline specific areas of responsibility (including administrative, technical, and financial) for each firm:</p> <p align="center">N/A</p> <p>3a. Has this joint venture previously worked together? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			

State of Florida

Board of Professional Engineers

Attests that

Dino E. Lucarelli, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201501239

P.E. Lic. No:

39556

State of Florida

Board of Professional Engineers

Attests that

Strada Design, LLC



is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

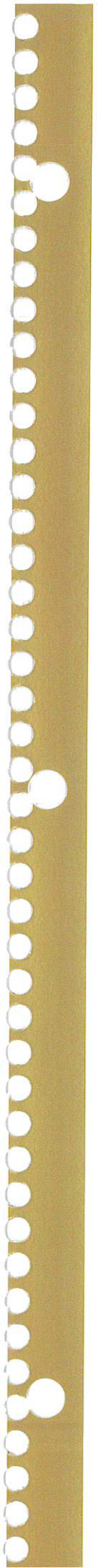
Expiration: 2/28/2015

Audit No: 228201500357

Certificate of Authorization

CA Lic. No:

29876



Form 2

TEAM COMPOSITION

Role	Name and City of Residence of individual assigned to the project	Florida Active Registrations Number
Principal-in-Charge	Dino E. Lucarelli, P.E.	39556
Project Manager	Dino E. Lucarelli, P.E.	39556
Project Engineer (or Architect)	Kenneth Schwartz, P.E.	39014
Project Construction Administrator	Dino E. Lucarelli, P.E.	39556
List other Key Members:		
Lighting	Larry Ossi, P.E.	51463

Sub Consultants:

Role (i.e. Civil Engineering, Environmental, Landscape Architectural...)	Company Name & Address of Office Handling this Project	Projected % of Over-All Work on Entire Project	Name of Individual Assigned to this Project	Firm Worked with prime before (Yes or No)	Individual Worked with prime before (Yes or No)
Surveyor	Southeastern Survey & Mapping	14.0	James Dunn	Yes	Yes
Environmental	Kleinfelder	3.5	Lisa Fairchild	Yes	Yes
Community Awareness	Quest Corporation of America	2.0	Megan Olivera	Yes	Yes
Geotechnical	Andreyev Engineering	5.0	Edward Miguens	Yes	Yes
Structural	Devlen Engineering	2.5	Ronald Devlen	Yes	Yes

Are there any contractual agreements between the respondent (prime consultant) and any of the proposed sub-consultants? ___ yes X no

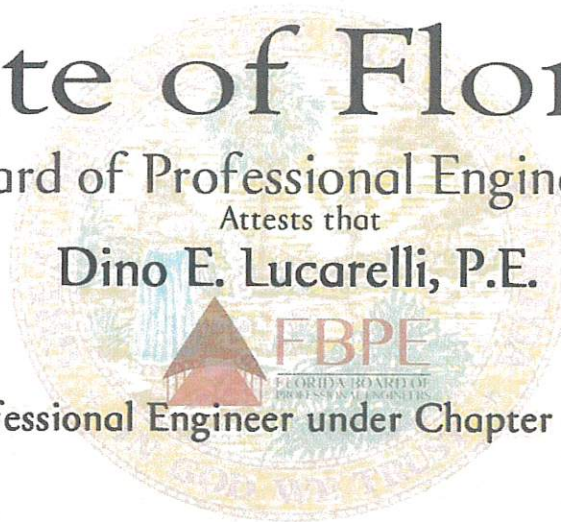
If the answer is yes, the respondent shall attach, with their submittal, information describing the contractual relationship including a copy of any written contractual agreement.

State of Florida

Board of Professional Engineers

Attests that

Dino E. Lucarelli, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201501239

P.E. Lic. No:

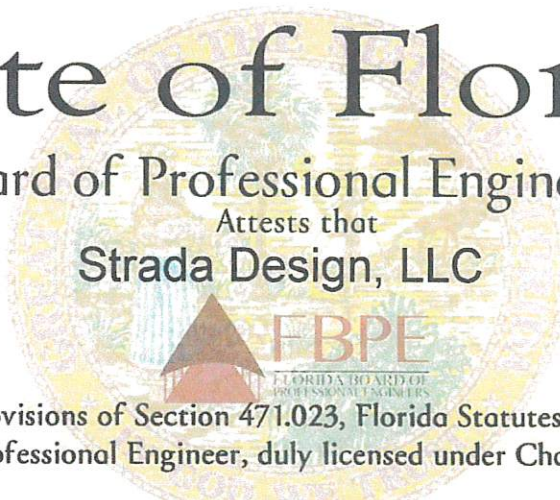
39556

State of Florida

Board of Professional Engineers

Attests that

Strada Design, LLC



is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2015

Audit No: 228201500357

Certificate of Authorization

CA Lic. No:

29876

State of Florida

Board of Professional Engineers

Attests that

Kenneth Schwartz, P.E.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201500353

P.E. Lic. No:

39014

State of Florida

Board of Professional Engineers

Attests that

Lawrence Ossi, P.E.

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES
EXPIRATION: 2/28/2013
AUDIT NO: 228201323320

P.E. LIC. NO:

51463

License Menu

Select the function you wish to perform.
Press "Back" to return to the main menu.

License Issued To:	OSSI, LAWRENCE
License Status:	Current, Active
Originally Licensed On:	03/06/1997 (mm/dd/yyyy)
Expires On:	02/28/2015 (mm/dd/yyyy)
Modifiers:	Electrical & Computer 03/06/1997 (mm/dd/yyyy)

Functions

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

License No.: **LS4235**
Expiration Date: February 28, 2013

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

JAMES MICHAEL DUNN II
3430 HOLIDAY AVE
APOPKA, FL 32703-6725

A handwritten signature in cursive script, appearing to read "Adam H. Putnam".

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

Heather Krick

To: jdunn@southeasternsurveying.com
Subject: RE: Confirmation of transaction done at 800helpfla.com

From: csegov_no_reply@freshfromflorida.com [mailto:csegov_no_reply@freshfromflorida.com]
Sent: Monday, February 25, 2013 2:03 PM
To: jdunn@ssmc.us
Subject: Confirmation of transaction done at 800helpfla.com
Importance: High

Transaction Details:
Payment Date: 02/25/2013 02:03:18 PM
Payment Type: Visa
Account Last Four:9195
Amount: \$255.00

Receipt of Payment

DTN Number	Name	Price
2429835	JAMES MICHAEL DUNN	\$255.00
		Total:\$255.00

Mailing Address:
FDACS - DIVISION OF CONSUMER SERVICES
BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS
2005 APALACHEE PKWY
TALLAHASSEE FL 32399-6500

Fax Number: 850-410-3804
Phone Number: 1-800-HELP-FLA (435-7352) within Florida, 850-488-2221 outside Florida

State of Florida

Board of Professional Engineers

Attests that

Eduardo F. Miguens, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201518505

P.E. Lic. No:

47535

State of Florida

Board of Professional Engineers

Attests that

Devlen Engineering, Inc.



is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2015

Audit No: 228201501225

Certificate of Authorization

CA Lic. No:

9459

State of Florida

Board of Professional Engineers

Attests that

Ronald David Devlen, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2015

Audit No: 228201511535

P.E. Lic. No:

49782



**DINO E. LUCARELLI, P.E.
PROJECT MANAGER**

EDUCATION

Bachelor of Science
in Civil Engineering
Union College
Schenectady, New York

**PROFESSIONAL
REGISTRATION**

Florida #39556

CERTIFICATIONS

Florida Department of
Transportation

- Traffic Control Plan Design
- Specifications Training
- Utility Coordination Training

Dino E. Lucarelli, P.E. has 29 years of comprehensive experience in Highway Engineering and Project Management in Florida, managing, designing and permitting a broad spectrum of projects including major, minor and limited access highway infrastructure projects. Mr. Lucarelli's experience also includes Stormwater Engineering, Utility Engineering, Environmental Permitting and Land Development. Mr. Lucarelli is recognized by clients and colleagues in the industry for his innovative solutions, attention to details, value provided to clients and the delivery of quality products. Mr. Lucarelli has worked closely with government management and design staff in the Florida Department of Transportation, Lake County, Orange County, Brevard County and the City of Kissimmee.

Some of the types of Highway Engineering Projects Mr. Lucarelli has been involved with include:

- Interchange
- Limited Access Highway
- Urban and Rural Arterial Highway
- Minor Collector and Local Roads
- Rehabilitation, Restoration and Resurfacing (RRR)
- Roundabouts

• **Roundabout Design for the SR 40 at SR 19 Intersection, Marion County, FDOT, District 5, Safety Contract** – Project Manager for one of two High Speed Rural Roundabout intersection designs that were the first proposed in the State of Florida. Total reconstruction of the intersection was required along with the widening of the approaches approximately a quarter mile in each direction. This project was in the Ocala Forest where environmental issues were addressed. Coordination was required with the US Department of Forestry.

• **Roundabout Design for the SR 40 at SR 11 Intersection, Volusia County, FDOT, District 5, Safety Contract** – Project Manager for one of two High Speed Rural Roundabout intersection designs that were the first proposed in the State of Florida. Total reconstruction of the intersection was required along with the widening of the approaches approximately a quarter mile in each direction.



DINO E. LUCARELLI, P.E.
PROJECT MANAGER

- **North Hancock Road, Segment A, from Old HWY 50 to North of Fosgate Road, Lake County, Florida** – Senior Project Manager for new 1.4 mile four-lane divided highway alignment. A minor realignment of approximately 0.25 miles of Old HWY 50 was required. This roadway has a closed drainage system with curb and gutter, sidewalks and multi-use trail. Final design includes preparation of contract plans in accordance with FDOT and Lake County criteria and standards; preparation of estimates, and the necessary supporting documentation and reports; environmental assessments and ERP preparation for SJRWMD permitting; public involvement; utility coordination; design surveys and preparation of right-of-way documents; traffic counts and traffic signal warrant study at Fosgate Road; 2 traffic signals at the Old HWY 50 intersections and signing and markings. Coordination with property owners and developers was required for Right-of-Way acquisition. A threatened and endangered species was discovered on the corridor and required an incidental take permit through Florida Fish and Wildlife. The project paralleled and crossed a Progress Energy transmission easement which required extensive coordination with the utility.
- **Radio Road from US 441 to South of Treadway School Road , Leesburg, Florida** - Senior Project Manager for the reconstruction of 1.4 miles of an existing two-lane rural roadway with open drainage system to a two-lane urban divided roadway with a raised 15.5 foot median, five-foot sidewalks and a closed curb and gutter drainage system. The proposed through lanes are 11 feet wide with a 3 foot shoulder. The roadway was originally proposed as a four lane divided roadway with 12 foot lanes and raised median but was changed by the County to eliminate additional Right-of-Way requirements. The stormsewer pipes and stormwater ponds were sized for the ultimate build out condition. Minor signalization loop replacement was required because of pavement resurfacing. There was a wetland along the project that required ecological surveys and a wetland survey. An ERP permit was obtained from SJRWMD. The Pond Siting Report was re-evaluated and as a result 2 out of the 4 proposed ponds were eliminated saving the county 0.5 million dollars. Extensive utility coordination was required because of the large number of utilities within the corridor.
- **Radio Road from Treadway Road to Jackson Road, Lake County, Florida** - Project Manager for 0.5 miles of urban 3-lane roadway with curb and gutter, sidewalks, and traffic signal. Final design includes preparation of contract plans in accordance with FDOT and Lake County criteria and standards; preparation of estimates, and the necessary supporting documentation and reports; environmental assessments and ERP preparation for SJRWMD and permitting for other appropriate jurisdictional agencies; public involvement; GIS services; utility coordination; design surveys and preparation of R/W documents; traffic signal warrant study and traffic counts; signalization, signing and markings.
- **Oak Street from West of Robinson Ave. to US 192, City of Kissimmee, Florida** - Engineer of Record for the reconstruction of 1.07 miles of an existing 2 lane urban/rural roadway to a four lane divided urban roadway with 11 foot lanes, 4 foot bike lanes, 5 foot sidewalks and multi-use trail. A creative approach to stormwater permitting was provided that gained the City treatment credits for treating previously untreated runoff. A land swap was utilized to acquire land for one of the two stormwater ponds. Unusable Right-of-Way remnant parcels were exchanged for land to be used as a stormwater pond. An ERP permit was obtained from SJRWMD. Wetlands were impacted along the roadway and extensive muck was required to be removed from the proposed roadway bed. Coordination with the railroad was required to permit pipe crossings. Prepared final construction plans, specifications and bid documents. Extensive utility coordination was required because of the large number of utilities within the corridor.



**KENNETH SCHWARTZ, P.E.
PROJECT ENGINEER**

EDUCATION

Lamar University,
Beaumont, Texas
Bachelor of Science
Civil Engineering

University of Houston
Graduate Studies

**PROFESSIONAL
REGISTRATION**

Florida #39014
Texas (Inactive)

Mr. Schwartz has over 30 years experience performing civil engineering including project management, land planning and civil and environmental engineering design. Specialization includes over 20 years of expertise in storm water drainage system and pond design, pond siting, and flood proofing studies. Additional expertise includes sanitary and storm sewer design, rail, airport taxiway design and roadway design including FDOT standards. Mr. Schwartz is detail oriented and very conscientious about the quality and accuracy of his projects scrutinizing every detail. Mr. Schwartz is proficient in AutoCAD and Eaglepoint, Microstation, ICPR, ASAD, HY8, WaterCAD, PONDS, spreadsheet applications and word processing programs.

Project Engineer:

- **Seminole Harley Davidson, Sanford, FL** – Mr. Schwartz was in charge of preliminary and final site design, survey, permitting and construction inspection services. Mr. Schwartz managed and directed a technical design staff and CAD operators to prepare construction plans, and planning and permitting exhibits.
- **Shoppes at Tuskawilla, Winter Springs, FL** – Mr. Schwartz was in charge of coordinating survey, preliminary and final site design, permitting and construction inspection services. Mr. Schwartz managed and directed a technical design staff and CAD operators to prepare construction plans and planning and permitting exhibits.
- **Spring of Life Church, FL** – Mr. Schwartz managed and coordinated preliminary and final site design, survey, and permitting and construction inspection services utilizing a technical design staff and CAD operators for a new church building.
- **Orange Bank, Longwood, FL** – Mr. Schwartz managed and coordinated survey, design, engineering and permitting of new bank building site. He also assisted Hugh Harling with planning services and preparing exhibits for commission and public presentations. Construction inspection services were also provided.
- **419 Recycling Center Site, Winter Springs, FL** – Mr. Schwartz managed and coordinated topographic survey, environmental survey, design, engineering and permitting for stormwater drainage and redevelopment of existing and new paved areas.



**KENNETH SCHWARTZ, P.E.
PROJECT MANAGER**

- **Lake Jesup Estates, Seminole County, FL** – Mr. Schwartz managed and coordinated topographic survey, environmental surveys including wetland delineations and Eagle’s nest locations, site design, engineering and stormwater permitting for this 24 lot residential subdivision along the north shores of Lake Jesup. This project is in an environmentally sensitive area and required creative planning, engineering and design in order to maximize use of the land. Over 76 acres of land was donated to SJRWMD to be kept in its natural marsh state.
- **Country Corner, Apopka, FL** – Mr. Schwartz managed and coordinated survey, design, engineering and permitting of this new retail center. He also assisted Mr. Harling with planning services and preparing exhibits for commission and public presentations. Construction inspection services were also provided.
- **Oak Bend Subdivision, Tavares, FL** – Mr. Schwartz managed and coordinated due diligence, site analysis, preliminary and final site design including all roadway design, storm water design, survey , landscaping, lighting and irrigation design coordination, all permitting through FDEP, SJRWMD and Lake County, and construction inspection services.
- **Yellow Dog Eats, Orange County, FL** – Mr. Schwartz managed and coordinated required survey data, engineering and design for a lift station modification to this existing restaurant facility. Mr. Schwartz coordinated with FDEP for all permits and clearances required as well as Orange County Utility Department.
- **Brooks Landing, Oviedo, FL** – Mr. Schwartz managed a team of designers and CAD technicians to provide survey data coordination, environmental permitting, preliminary and final engineering design for this residential site off Red Bug Road. The site was previously planned as a townhome community and was converted to single family. Mr. Schwartz worked closely with Seminole County, FDEP and SJRWMD to expedite the changes and required approvals.
- **Wekiva Springs Estates, Orange County, FL** – Mr. Schwartz managed a team of designers and CAD technicians to provide survey data coordination, environmental permitting, preliminary and final engineering design for this residential site off Welch Road near Wekiva Springs State Park. Mr. Schwartz worked closely with Orange County, FDEP and SJRWMD to expedite the permits and approvals.



**Lawrence Ossi, P.E.
LIGHTING ENGINEER**

EDUCATION

University of Central Florida
Bachelor of Science in
Electrical Engineering

**PROFESSIONAL
REGISTRATION**

Florida #51463

Lawrence Ossi is a consulting engineer working to provide complete electrical systems design for utility, commercial and institutional facilities. My goal is to provide outstanding service to my clients through the following philosophy:

- **Technical Expertise** - Successful engineering starts with a competent staff. My vast and diversified project experience has given me a wealth of knowledge in all the variables of electrical design.
- **Communication** - I believe that the best way to work through the challenges of today's projects is through consistent and timely communication. When I start a project, I maintain close contact with the project team members from schematic design through construction administration.
- **Prompt Delivery** - With today's increasingly rapid design schedules, I understand the importance of delivering the design package in a timely manner. I ensure that my projects are completed and delivered on time.
- **Bulldog Drive – Palm Coast, FL** – Roadway lighting design.
- **New East-West Connector (Airport Center Drive East) Project – Jacksonville, FL** – Primary electrical distribution and roadway lighting design.
- **9A (I-295) / Heckscher Drive Intersection Improvements – Jacksonville, FL** – Roadway and directional sign lighting design.
- **Broward/Clark Road Improvements – Jacksonville, FL** – Roadway lighting design.
- **Daytona Beach College – Campus Roadway/Parking/Tennis Court Improvements – Brevard County** – – Lighting design for front half of campus, including roadways, tennis courts and parking areas.
- **Kingsley Avenue Turn Lane Improvements – Jacksonville, FL** – – Roadway lighting design.
- **Wells Road Improvements – Orange Park, FL** – Roadway lighting design.
- **SR40 @ SR11 and SR19 Roundabouts – Marion and Volusia County** – Roadway lighting design for eventual roundabout construction. Coordinated with Forestry and environmental groups to address wildlife concerns.

James M. Dunn, II, PSM

1986 Florida Registration #4235

Employment

Southeastern Surveying and Mapping Corporation
Project Surveyor

Orlando, Florida
Years Employed (2000-Present)

Jim has over 43 years of Surveying & Mapping experience. Jim's responsibilities include research, reconnaissance, coordination and scheduling for a variety of projects including all aspects of surveying and field application, to include Topographic, Boundary, As-Built, Control, Hydrographic, Mean High Water Line, Quantity, Land Platting and Special Purpose Surveys or Miscellaneous Services. Jim also has experience in Construction Layout, Land Platting, Plat Reviews, Easement Drawings, Right-of Way Mapping, Legal Descriptions and Sketches, Survey Support for Aerial Photography and Mapping Projects, and Subsurface Utility Designation and Location using Conventional Methods and Ground Penetrating Radar (GPR).

BOWYER SINGLETON & ASSOCIATES, INC. / Senior Right-of-Way Surveyor / Orlando, FL (1984-2000)

ORANGE COUNTY SURVEY DEPARTMENT / Survey Project Manager / Orlando, FL (1970-1984)

Sample Recent Project Experience

Brevard and Volusia Counties

- SR 9 (I-95) Widening from SR 406 to N. of SR 44 Design Build, Topographic Survey, Retention and Drainage As-Built, and Utility Designation and Location, as Sub-Consultant 2012

Citrus County

- CR 486 Boundary Right-of-Way Acquisition, Boundary Survey, as Sub-Consultant 2012
- CR 486 Widening Supplemental Surveys (8.8 mi), Right-of-Way Mapping, as Sub-Consultant 2012

Lake County

- SR 50/SR 33 PD&E Study (2.1 mi) Groveland, Aerial Targets and Stake Boring Locations, as Sub.2011
- SR 429/Wekiva Parkway Sections 4A and 4B (1 mi), Topographic Services, Utility Location, Wetlands Location, (Lake and Orange Counties), as Sub-Consultant 2012
- SR 429/Wekiva Parkway-4A-CR 435 to LC Line and 4B-OC line to W. of Old McDonald (1 mi), Right-of-Way Surveying/Mapping, FDOT D-5 Active
- SR 429/Wekiva Parkway 4B-OC line to W. of Old McDonald, Right-of-Way Surveying & Mapping, FDOT D-5 Active
- CR 44 Culvert Replacement, Design Topographic Survey, Utility Location, as Sub-Consultant 2011

Marion County

- SR 40 Widening and Rehabilitation (4.89 mi), Design Survey, SUE Services, as Sub-Consultant 2012

Seminole County

- City of Sanford Sanford Avenue Streetscape, Design Survey, Utility Designation/Location, as Sub. 2012
- Hattaway Drive Sidewalk Construction, Additional Design Survey, as Sub-Consultant 2012

Sumter County

- CR 209, Specific Purpose Topographic Survey, as Sub-Consultant 2011

Polk/Osceola/Orange Counties

- Passenger Rail Program-Florida High Speed Rail, Supplemental Survey Services (50 ac), Subsurface Utility Coordination, Designation & Verification (Test Holes) (51.5 mi), as Sub-Consultant 2011

Volusia County

- US 92 Mast Arm Replacements (4.86 mi), FDOT D-5, Topographic Survey, Utilities, as Sub. 2011
- SR 5(US 1), From N. of Hernandez Avenue to N. of SR 5A, Design Topo. Survey with Utility Active
- SR 600/US 92 Traffic Signal Improvements (4.86 mi), FDOT D-5, Design Topo. Survey, as Sub 2012

Volusia County Engineering & Construction

- East Central FL Regional Rail Trail Corridor, Topographic Survey, Volusia County Engineering 2012
- Holly Hill/Daytona Avenue Bridge Replacement, Design and Control Survey, as Sub-Consultant 2012
- LPGA Boulevard Phase II Jimmy Ann Drive to Derbyshire, Topographic Survey 2012

Education

Valencia Community College, Continuing Education for Licensing Requirements, Mean High Water Surveying Training FDEP Methodology

Professional Organization Membership

Member of the **Central Florida Chapter** and **Volusia County Chapter** of the Florida Surveying and Mapping Society; and Member of the Florida GPS Users Group



CURRICULUM VITAE

Ed Miguens, P.E.

Senior Geotechnical Engineer

BUSINESS RESIDENCE: 1170 W. Minneola Avenue
Clermont, Florida 34711

EDUCATION: Bachelor of Science, Civil Engineering
University of Lowell, Lowell, Massachusetts; 1988

REGISTRATIONS: Professional Engineer, Florida Registration #47535
Professional Engineer, Tennessee Registration #00116118

SOCIETIES: American Society of Civil Engineers-Member

YEARS OF EXPERIENCE: 23

SUMMARY OF CAPABILITIES:

Sinkhole Investigations	Pavement Design
Deep Foundation Engineering	Pile Driving Computer Modeling
Soil Mechanics	Tunnel Studies
Shallow Foundation Engineering	Slope Stability Analysis
Geotechnical Instrumentation	Engineered Materials Testing and Inspection
Roadway and Bridge Studies	Quality Control-Quality Assurance Program
Implementation	

Mr. Miguens has more than 23 years of experience providing geotechnical engineering, materials testing and consulting services. These services include planning/ coordinating subsurface exploration and laboratory testing programs, geotechnical engineering analyses and providing recommendations relating to the design and construction of roadways, structures and earthwork projects. Mr. Miguens is responsible for providing senior geotechnical engineering and materials testing services, mentoring staff professionals and business development.

Mr. Miguens has extensive experience in the analyses and evaluation of field and laboratory test data, performing in-situ soil testing, foundation studies, groundwater hydrology and sinkhole investigations. He has evaluated bearing capacity, settlement and constructability of various types of shallow and deep foundation systems. His experiences have included the analyses of retaining walls, sheet piling systems, as well as slope stability of conventional and reinforced embankments. He has also provided consultation services in connection with ground improvement studies including preparing detailed specifications for sinkhole

remediation. He has provided field inspection services for the construction of foundation systems, earthwork activities and solid waste facilities. He served as a geotechnical instrumentation engineer for Boston's Central Artery/ Tunnel project.

Mr. Miguens has provided geotechnical engineering services for various government entities including Valencia Community College, Orange County Public Works, Miami-Dade County Public Schools, Broward County Public Schools, the Florida Department of Transportation and the Massachusetts Highway Department. He has served as Project Manager for the Port of Miami Tunnel Preliminary Feasibility Study. His responsibilities for that study included overall project management, coordinating subsurface exploration activities, preparing environmental permit documents, overseeing laboratory testing of soil and rock samples and report preparation. The following is a description of projects for which Mr. Miguens has provided geotechnical engineering services for:

Sinkhole Investigations in Florida

Served as Senior Geotechnical Engineer on numerous sinkhole claim assignments in Central and South Florida. Responsible for inspecting structures and properties for damages and surface features, conducting floor elevation surveys, coordinating geophysical studies, reviewing published data, planning and carrying out subsurface exploration programs, interviewing homeowners, data evaluation/analysis, and report preparation. Prepared recommendations for land and foundation stabilization for properties with confirmed sinkhole activity. Responsible for monitoring stabilization processes conducted by the contractor.

Building 10 (Allied Health and Sciences Building), Valencia Community College, Orlando, FL

This development consists of a three-story building located on the West Campus of Valencia Community College in Orlando, Florida. The subsurface conditions at the building site were explored with Standard Penetration Test borings. The geotechnical engineering analysis revealed that the proposed building can be supported on shallow foundations following densification of near surface loose sandy soils.

Building 8, Valencia Community College, Orlando, FL

The project consisted of a 17,000 square foot; one-story building at the Valencia Community College West Campus in Orlando, Florida. This building is being used for Culinary Arts education. Services performed for this development included geotechnical engineering, construction materials testing, and threshold inspection. Shallow foundations were recommended for the structure using standard site preparation techniques.

Building 11 (VCC/UCF Joint Use Facility), Valencia Community College, Orlando, FL

The project consisted of a 40,000 square foot; three-story building at the Valencia Community College West Campus in Orlando, Florida. The development included pavement and stormwater retention facilities. Services performed for this development included geotechnical engineering, construction materials testing, and steel inspection. Shallow foundations were recommended for the structure using standard site preparation techniques.

Health and Life Sciences Phase II, FIU Campus, Miami, FL

This development consisted of a seven-story building housing Health and Life Science education facilities at the Florida International University Campus in Miami, Florida. Rock coring was performed to obtain samples for laboratory rock strength testing. Test results and engineering analyses indicated that the building could be supported on a shallow foundation system using a very high bearing capacity resulting in a very economical foundation system.

Port of Miami Tunnel, Miami-Dade County, FL

This project consisted of a preliminary feasibility study for a subaqueous tunnel using either bored or immersed tube tunnel techniques. The tunnel is planned to connect Watson Island to the Port of Miami beneath the Main Shipping Channel in order to reduce truck traffic in downtown Miami. Served as Project Manager responsible for planning/implementing a subsurface exploration program consisting of standard penetration test and rock core borings (landside/waterside), well packer testing, and down hole video camera surveys. The field program required preparation of environmental permit documents and coordinating waterside activities with the Port of Miami, the U.S. Coast Guard, Army Corps of Engineers, FDEP, Biscayne Bay Pilots and several cruise line companies. Implemented a laboratory testing program for soil and rock samples including petrographic analysis, cerchar abrasivity, compression/tensile strength tests and horizontal/vertical permeability. Compiled and synthesized the data into a comprehensive report, which included a geological profile of the proposed tunnel alignment.

Central Artery Tunnel Project, Boston, MA

Served as geotechnical instrumentation engineer on the C17AI contract located along the main alignment. Project consisted of soil and rock drilling followed by planning, installation of and data acquisition of probe extensometers, multipoint heave gages, strain gages, slope inclinometers, piezometers, observation wells and settlement sensors.

69 KV and 138 KV Subaqueous Transmission Lines, Port of Miami, FL

This project consisted of the study to construct two new high voltage transmission lines beneath Fisherman's Channel at the Port of Miami. The new lines are to replace two existing lines which are in close proximity to the future bottom elevation of the channel which is to be dredged by the USACOE. Study included soil and rock drilling from a jack-up barge near sensitive protected sea grass beds. The new lines will be installed using the horizontal directional drilling process.

Norwood-Oeffler Water Treatment Plant, North Miami Beach, FL

The project consisted of expanding the capacity of the existing facility to meet the future demands of the City. The development included new storage tanks, mechanical, electrical and chemical buildings, pavements and stormwater infrastructure. Foundation recommendations for the new 5 MG water storage tank consisted of a shallow foundation system. Adjacent existing buildings that are to remain were monitored for settlement during loading of the 5 MG tank.

Polk County Parkway-Section I, Lakeland, FL

Project included several miles of surface roads and twelve bridge structures. Performed analyses for several deep foundation alternatives (prestressed precast concrete piles, steel H piles, steel pipe piles and drilled shafts) for support of the proposed bridge structures. Performed stability analyses for the roadway embankments and mechanically stabilized earth retaining walls. Slurry walls were recommended for the large stormwater retention pond to prevent adverse groundwater table drawdown effects to nearby wetlands and structures.

Pelham Landfill Closure, Pelham, NH

Responsible for inspecting and monitoring contractor activities associated with capping of an abandoned landfill. Innovative capping materials were incorporated into the closure design including shredded rubber tire materials, paper pulp waste and impermeable geosynthetic products. Inspected and tested geosynthetic welds by means of field air pump tests and laboratory strength tests.

The Shops at Midtown, Miami, FL

This project consisted of a brownfield development comprising retail, restaurant, residential and parking structures on an abandoned railroad/storage container yard with a total land area of 55 acres north of downtown Miami. Performed preliminary and final level geotechnical engineering studies over the course of 1.5 years. Provided shallow foundation design recommendations for the lightly loaded building elements and deep foundation (augercast piles) for the more heavily loaded buildings. Also provided recommendations including lateral earth pressures, uplift and dewatering scenarios for a planned underground parking facility.

VA Medical Center, Viera, Brevard County, FL

The proposed development comprised low and mid-rise buildings, paved surface parking and stormwater retention ponds. Foundation design recommendations for the mid-rise tower consisted of either deep foundations or a structural mat following a surcharge program to keep post construction settlement within tolerable ranges.

University Boulevard Sanitary Sewer Settlement Evaluation, Orlando, FL

This study was undertaken to help determine the cause of the pipeline and overlying roadway settlement. Methods of investigation included Standard Penetration Test borings, Ground Penetrating Radar (GPR), and a pipeline video survey. A thorough review of the collected data as well as review of U.S.G.S. information lead to the conclusion that the pipeline/pavement distress was associated with settlement of multilayered deep organic soils deposited in a relic sinkhole.

Client References:

Foremost Insurance
Citizens Property Insurance Corporation

LISA FAIRCHILD, PMP

Senior Environmental Scientist/Staff Professional II

Experience Summary

Ms. Fairchild has over six years of experience in environmental consulting specializing in due diligence assessments including Phase I Environmental Site Assessments, ecological assessments and mitigation bank permitting. Ms. Fairchild has significant experience in protected species surveys, relocations, incidental take permitting, environmental constraint analysis, transaction screens and project development and environment (PD&E) studies.

Education

M.S., Environmental Science & Policy, University of South Florida, 2005

B.S., Biology, University of North Florida, 2000

Registrations/Certifications

- ◆ Project Management Professional #1559712
- ◆ Florida Fish and Wildlife Conservation Commission Authorized Gopher Tortoise Agent GTA-09-00168-C.

Project Experience

- ◆ **North Hancock Road**, Lake County, Florida – Project Manager for PD&E study of proposed road realignment including listed species surveys (Florida scrub-jay, gopher tortoise, sand skink), wetland delineation, land use mapping and Phase I Environmental Site Assessment. Prepared Incidental Take Permit application and Habitat Conservation Plan for impacts proposed to sand skink habitat.
- ◆ **CR 455 Curve**, Lake County, Florida – Conducted listed species surveys, including a formal survey for the sand skink. Participated in consultation with the USFWS and assisted in the preparation of a Section 10 Incidental Take application and Habitat Conservation Plan to address identified occupied sand skink habitat.
- ◆ **Kurt Street**, Lake County, Florida - Environmental services were provided T.Y. Lin International in support of a road improvement project for the Department of Public Works, Lake County, FL. Work included wetland delineation, land use evaluation and protected species surveys in support of an ERP with the St. Johns River Water Management District (District). A Phase I Environmental site assessment was also performed for the proposed corridor.
- ◆ **Various Projects**, Florida – Ongoing. Performed numerous evaluations of road projects throughout Lake County, Florida. Efforts included land use mapped, listed species surveys and permitting (including gopher tortoise permitting and incidental take permitting for federal species), coordination with State and federal agencies.

Continuing Education/Training

- ◆ Greenhouse Gas Accounting
- ◆ National Highway Institute Course No. 142051 Highway Traffic Noise

Megan Olivera

Area Manager/Public Involvement (Bilingual)



EXPERIENCE – 7 YEARS

Quest Corporation of America, Inc.

Orlando, FL (2007 - Present)

Megan Olivera has in-depth experience in developing and implementing public involvement and outreach strategies. She is recognized for building positive community relationships and gaining understanding and support for transportation initiatives. Ms. Olivera serves QCA as an Area Manager and Public Information Officer on a variety of projects from PD&E to construction. As a bilingual associate, her public information skills have assisted in bridging the gap between client agencies and the diverse communities they serve. She excels as a project liaison communicating and mediating issues between the owner agencies and special interest groups, community organizations, key opinion makers and the media.

SPECIFIC PROJECT EXPERIENCE

FDOT District Five - S.R. 551 (Goldenrod Road) Design Project

Orlando, FL (2012- Present)

Ms. Olivera serves as the public involvement coordinator for the final design of the S.R. 551/Goldenrod Road Safety Improvement Project in Orange County. The project extends from south of Curry Ford Road to north of S.R. 408. Ms. Olivera reviewed and enhanced the Community Awareness Plan. She is responsible for developing fact sheets, newspaper ads and other project collaterals; scheduling and facilitating community presentations on the project; coordinating, facilitating and publicizing public meetings; and, gathering and documenting public input.

FDOT District Five- S.R. 5 at Reed Canal Road Design Project - Intersection Improvements

South Daytona, FL (2012)

Ms. Olivera spearheaded the public involvement effort for the final design of the S.R. 5/US 1/Ridgewood Avenue at Reed Canal Road Intersection Improvements Project in Volusia County. She organized, promoted and documented public meetings. She was also responsible for developing fact sheets, newspaper ads and other project collaterals; scheduling and facilitating community presentations; and, gathering and documenting public input.

FDOT District Five – Districtwide Public Information for Construction Projects

Osceola, Orange and Seminole County (2007 – Present)

Ms. Olivera has coordinated public involvement for over 30 FDOT construction projects in Osceola, Orange, and Seminole counties. This includes six State Road 50 projects from the Florida's Turnpike to Dean Road. She has attended nearly 40 community meetings and presentations including public meetings, access management meetings, and Orange County Development Agency seminars. She works with city and county officials, and has communicated with thousands of business owners to coordinate median and driveway closures. She also has tracked and helped resolve dozens of damage claims. She hosts public meetings, handles media releases, interviews and newsletters, and manages project stakeholder databases.

FDOT District One - U.S. 17 Reconstruction Project - Final Design

Hardee County, FL (2011 -2012)

QCA served as the public involvement sub-consultant to Reynolds, Smith & Hill for the Final Design of the U.S. Highway 17 Widening Project from DeSoto County Line to County Road 634 (Sweetwater Road) in Hardee County. Ms. Olivera provided translation services for newsletters and the project website, www.US17Hardee.com.

City of Orlando - President Barack Obama Parkway Design & Construction

Orlando, FL (2007 - Present)

Ms. Olivera has provided public information services for the development of the City of Orlando's President Barack Obama Parkway project. She works to keep the media, emergency service agencies, elected officials, and the general public informed about the progress of this project through weekly updates, media advisories, and attending community neighborhood meetings.

Seminole County Public Works – S.R. 436 & Red Bug Lake Road Flyover Interchange Project

Casselberry, FL (2011 - Present)

Ms. Olivera provides grass-roots community outreach on this Seminole County project to build a flyover interchange in the heavily traveled and commercialized area at S.R. 436 & Red Bug Lake Road. Ms. Olivera provided public meeting support prior to the beginning of construction and was instrumental in the creation of the project logo and website, www.redbuglakeroadinterchange.com. She distributes project updates, coordinates field meetings with business and other property owners to address project issues, communicates with the public during major utility service outages, and addresses officials' and media questions. Ms. Olivera also helps coordinate with emergency management personnel. She develops media releases, newsletters, updates social media sites and manages the project stakeholder database.

Orlando - Orange County Expressway Authority

Orlando, FL (2007 – Present)

Ms. Olivera provides public information services for several projects for the Orlando-Orange County Expressway Authority. She provides public meetings support and translation services for fact sheets, invitations and other materials produced to keep the public informed of project-related activities.

FDOT District Five Community Awareness

Brevard, Osceola, Orange and Seminole County (2007 – 2010)

QCA provided public involvement services on the Department's design projects for this districtwide contract. QCA associates crafted effective Community Awareness Plans and were responsible for writing and implementing communications plans and coordinating public meetings.

Osceola County Transportation Management Program

Kissimmee, FL (2007 - 2008)

Ms. Olivera provided public information services for several projects as part of Osceola County's Transportation Management Program. Her main objectives were to plan and facilitate public meetings, produce and distribute project newsletters, and keep the general public informed about upcoming project-related activities.

Education

- B.S., Business Management University of Phoenix
- M.S., Business Administration and Marketing, University of Phoenix

Professional Development

- Operation Lifesaver Certified Presenter, 2011
- Public Involvement in Transportation Decision Making, 2008
- Up Front Communications Media Training, 2008
- FDOT Median Handbook Online Seminar, 2007
- QCA Media Training, 2007
- FDOT Public Involvement Training, 2007
- QCA Plans Reading Seminar, 2007

RONALD D. DEVLEN, P.E.

EXPERIENCE:

- 09/02 – Present** **Owner/President**, Devlen Engineering, Inc., Lake Mary, FL
Structural Engineer of Record for the design of numerous commercial and residential projects in Central Florida. Manage/Supervise two CAD technicians and two structural engineers.
- 11/00 – 12/02** **Senior Structural Engineer**, TFBOC, INC, Yalaha, FL
Structural Engineer of Record for the design of numerous commercial and residential projects in Central Florida.
- 9/98 – 11/00** **Manager, Structural Design Department**, INSULWALL, Orlando, FL
Structural Engineer-of-Record (Specialty Engineer) for design of precast concrete “tilt-up” walls for numerous commercial, residential, and school projects in Central Florida. Produced details, calculations and performed plant and site inspections. Supervised design department that included CAD technicians and inspectors. Gained proficiency in the use of Auto CAD rel. 14, Mathcad, and PCA-Wall.
- 1/97 – 9/98** **Senior Structural Engineer**, BOWYER-SINGLETON & ASSOCIATES, INC., Orlando, FL Design for Celebration Blvd Ext. Bridge (Osceola County), Econ Tr. Ext. bridges (Orange County), design and QC for Western Beltway bridges (Orange County), inspection and rehabilitation design of water control structures (Lake County), design of numerous masonry or C.I.P/ retaining walls and masonry buffer walls (Orange, Seminole, Polk Counties). Proficient in the use of Microstation.
- 8/95 – 12/96** **Bridge Department Head**, KUNDE, SPRECHER & ASSOCIATES, Orlando, FL
Responsible for bridge project technical proposals, project startup, staffing, design and preparation of construction plans in recently opened Orlando office. Have become experienced in the use of AutoCAD release 12 and am familiar with the use of Microstation version 5, MathCAD, various FDOT software, Microsoft Project, Excel and Word for Windows.
- 2/90 – 7/95** **Structural Engineer**, LU ENGINEERS, Pittsford, NY
Professional experience included county and local bridge general inspection, inventory and rating analysis for NYSDOT; bridge rehabilitation inspection and design for NYSDOT, NYS Thruway Authority, and NYS Office of General Services. Bridge projects include planning/scoping reports, on-site inspection, condition evaluation, preparation of design alternatives, cost and quantity estimates, design reports, detailed design for structure replacement/repair, preparation of plans and specifications.
- 12/88 – 1/90** **Senior Structural Engineer**, BERGMANN ASSOCIATES, Rochester, NY
Primary responsibilities included bridge rehabilitation inspection, design and specification; implementation of a bridge maintenance program for the City of Rochester; analysis and design for a parking garage.
- 9/86 – 12/88** **Civil/Structural Engineer**, TONIAS ENGINEERS, Rochester, NY
Responsibilities included site development, software development and analysis and design of highway bridges.

6/81 – 9/86

Structural Engineer, SARGENT & LUNDY ENGINEERS, Chicago, IL
Responsibilities included analysis and design of structures associated with nuclear power stations. Analysis activities included steel and composite floor systems, connections and auxiliary steel for supporting mechanical and electrical components. Gained on-site experience through an eighteen-month field assignment on a nuclear construction site.

5/80 – 8/80

Construction Inspector, U.S. DEPARTMENT OF DEFENSE, Griffis Air Force Base, Rome, NY

EDUCATION:

BS Civil Engineering/Structures, 1981-State University of New York at Buffalo

REGISTRATION:

Professional Engineer, Florida (#049782) & New York (#646363)



FORM 3

LOCATION

1. Specify address of Prime Consultant's designated office where the majority of work on this project will be performed:

298 Hanging Moss Circle
Lake Mary, Florida 32746

2. Indicate percentage of total over-all project fees projected to be performed on this project by the Prime Consultant's office specified above. (Do not include percentage of fees anticipated to be performed on this project by sub-consultants)

73 %

3. Specify address of Prime Consultant's other office(s) where any part of the work on this project will be performed (if applicable):

N/A

4. Indicate percentage of total over-all fees projected to be performed on this project by the office specified above. Do not include percentage of fees anticipated to be performed on this project by sub-consultants.

N/A %

5. Indicate percentage of total over-all fees projected to be performed on this project by firms located within Lake County including the prime consultant and sub-consultants, utilizing information supplied above and on Form 2.

22.5 %



FORM 4

PROFESSIONAL PERSONNEL FOR SIMILAR PROJECTS

Work by firm or joint venture members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<p>4. <u>Project Name & Location</u></p> <p>High Speed Roundabout Design for SR 40 at SR 19 Intersections, Marion County, Florida</p> <p><u>Project Manager:</u> Vicki Mitchell</p>		<p><u>Project Owners Name & Address</u></p> <p>Florida Department of Transportation District Five 719 South Woodland Blvd. Deland, Florida 32720</p>				
<p><u>Completion Date (Actual or Estimated)</u></p> <p>07/2005</p>						
<p><u>Estimated Cost (In Thousands)</u></p> <table border="1"> <tr> <td>Entire Project</td> <td>Work for which firm was/is responsible</td> </tr> <tr> <td>\$ 200,000</td> <td>\$ 200,000</td> </tr> </table>		Entire Project	Work for which firm was/is responsible	\$ 200,000	\$ 200,000	<p><u>Project Owner's Contact Person, Title, & Telephone Number</u></p> <p>Vicki Mitchell, Project Manager, (386) 943-5000</p>
Entire Project	Work for which firm was/is responsible					
\$ 200,000	\$ 200,000					
<p><u>Scope of Entire Project</u> (Please give quantitative indications wherever possible)</p> <p>Roundabout Design for SR 40 at SR 19 Intersection, Marion County, Safety Contract - This was one of the first two high speed Rural Roundabout designs proposed in the State of Florida. Total reconstruction of the intersection was required along with the widening of the approaches approximately a quarter mile in each direction. Both projects were to be let for bid concurrently.</p>						
<p><u>Nature of Firm's Responsibility in Project</u> (Please give quantitative indications wherever possible)</p> <p>The firm was the prime consultant on this project.</p>						
<p><u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u></p> <p>Dino E. Lucarelli, PE was the Project Manager and Senior Highway Engineer for this project and will serve in a similar role for the County's project.</p>						

FORM 4

PROFESSIONAL PERSONNEL FOR SIMILAR PROJECTS

Work by firm or joint venture members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<p><u>4. Project Name & Location</u></p> <p>High Speed Roundabout Design for SR 40 at SR 11 Intersection, Volusia County, Florida</p> <p><u>Project Manager:</u> Vicki Mitchell</p>		<p><u>Project Owners Name & Address</u></p> <p>Florida Department of Transportation District Five 719 South Woodland Blvd. Deland, Florida 32720</p>				
<p><u>Completion Date (Actual or Estimated)</u></p> <p>07/2005</p>						
<p><u>Estimated Cost (In Thousands)</u></p> <table border="1"> <tr> <td>Entire Project</td> <td>Work for which firm was/is responsible</td> </tr> <tr> <td>\$ 200,000</td> <td>\$ 200,000</td> </tr> </table>		Entire Project	Work for which firm was/is responsible	\$ 200,000	\$ 200,000	<p><u>Project Owner's Contact Person, Title, & Telephone Number</u></p> <p>Vicki Mitchell, Project Manager, (386) 943-5000</p>
Entire Project	Work for which firm was/is responsible					
\$ 200,000	\$ 200,000					
<p><u>Scope of Entire Project</u> (Please give quantitative indications wherever possible)</p> <p>Roundabout Design for SR 40 at SR 11 Intersection, Volusia County, Safety Contract - This was one of the first two high speed Rural Roundabout designs proposed in the State of Florida. Total reconstruction of the intersection was required along with the widening of the approaches approximately a quarter mile in each direction. Both projects were to be let for bid concurrently.</p>						
<p><u>Nature of Firm's Responsibility in Project</u> (Please give quantitative indications wherever possible)</p> <p>The firm was the prime consultant on this project.</p>						
<p><u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u></p> <p>Dino E. Lucarelli, PE was the Project Manager and Senior Highway Engineer for this project and will serve in a similar role for the County's project.</p>						

PROFESSIONAL PERSONNEL FOR SIMILAR PROJECTS

Work by firm or joint venture members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<p><u>4. Project Name & Location</u></p> <p>North Hancock Road, Segment A, from Old HWY 50 to North of Fosgate Road, Lake County, Florida</p> <p><u>Project Manager:</u> Alan Kirkland</p>		<p><u>Project Owners Name & Address</u></p> <p>Lake County Dept of Public Works 437 Ardice Ave. Eustis, FL 32726</p>				
<p><u>Completion Date (Actual or Estimated)</u></p> <p>06/2013</p>						
<p><u>Estimated Cost (In Thousands)</u></p> <table border="1"> <tr> <td>Entire Project</td> <td>Work for which firm was/is responsible</td> </tr> <tr> <td>\$ 600,000</td> <td>\$ 390,000</td> </tr> </table>		Entire Project	Work for which firm was/is responsible	\$ 600,000	\$ 390,000	<p><u>Project Owner's Contact Person, Title, & Telephone Number</u></p> <p>Alan Kirkland, Project Manager, (352) 483-9043</p>
Entire Project	Work for which firm was/is responsible					
\$ 600,000	\$ 390,000					
<p><u>Scope of Entire Project (Please give quantitative indications wherever possible)</u></p> <p>North Hancock Road, Segment A, from Old HWY 50 to North of Fosgate Road, Lake County, Florida - This is a new 1.4 mile four-lane divided highway alignment with a closed drainage system, curb and gutter, sidewalks and multi-use trail. Final design includes preparation of contract plans; environmental assessments and permitting; public involvement; utility coordination; design surveys and preparation of right-of-way documents; traffic counts and traffic signal warrant study.</p>						
<p><u>Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)</u></p> <p>The firm was the prime consultant on this project.</p>						
<p><u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u></p> <p>Dino E. Lucarelli, PE was the Project Manager and Senior Highway Engineer for this project and will serve in a similar role for the County's project.</p>						

FORM 4

PROFESSIONAL PERSONNEL FOR SIMILAR PROJECTS

Work by firm or joint venture members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

<p>4. <u>Project Name & Location</u></p> <p>Radio Road from US 441 to South of Treadway School Road , Leesburg, Florida</p> <p>Project Manager: Alan Kirkland</p>		<p><u>Project Owners Name & Address</u></p> <p>Lake County Dept of Public Works 437 Ardice Ave. Eustis, FL 32726</p>				
<p><u>Completion Date (Actual or Estimated)</u></p> <p>06/2012</p>						
<p><u>Estimated Cost (In Thousands)</u></p> <table border="1"> <tr> <td>Entire Project</td> <td>Work for which firm was/is responsible</td> </tr> <tr> <td>\$ 465,000</td> <td>\$ 367,500</td> </tr> </table>		Entire Project	Work for which firm was/is responsible	\$ 465,000	\$ 367,500	<p><u>Project Owner's Contact Person, Title, & Telephone Number</u></p> <p>Alan Kirkland, Project Manager, (352) 483-9043</p>
Entire Project	Work for which firm was/is responsible					
\$ 465,000	\$ 367,500					
<p><u>Scope of Entire Project</u> (Please give quantitative indications wherever possible)</p> <p>Radio Road from US 441 to South of Treadway School Road , Leesburg, Florida - This was a reconstruction of 1.4 miles of an existing two-lane rural roadway with open drainage system to a two-lane urban divided roadway with a raised 15.5 foot median, five-foot sidewalks and a closed curb and gutter drainage system. The stormsewer pipes and stormwater ponds were sized for the ultimate build out condition. Minor signalization loop replacement was required.</p>						
<p><u>Nature of Firm's Responsibility in Project</u> (Please give quantitative indications wherever possible)</p> <p>The firm was the prime consultant on this project.</p>						
<p><u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u></p> <p>Dino E. Lucarelli, PE was the Project Manager and Senior Highway Engineer for this project and will serve in a similar role for the County's project.</p>						

FORM 4

PROFESSIONAL PERSONNEL FOR SIMILAR PROJECTS

Work by firm or joint venture members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

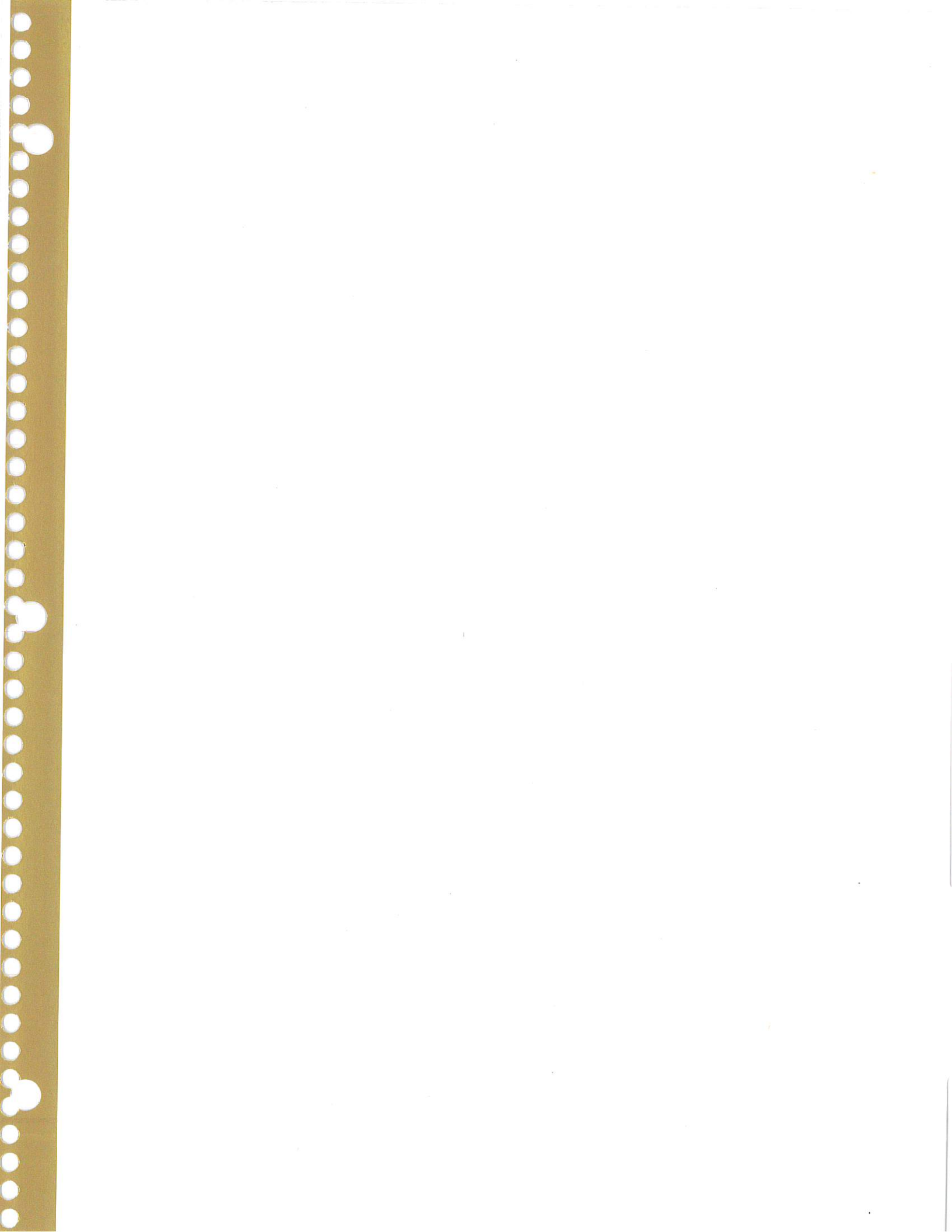
<p>4. <u>Project Name & Location</u></p> <p>Radio Road from Treadway Road to Jackson Road, Lake County, Florida</p> <p>Project Manager: Tom McCann</p>		<p><u>Project Owners Name & Address</u></p> <p>Lake County Dept of Public Works 437 Ardice Ave. Eustis, FL 32726</p>				
<p><u>Completion Date (Actual or Estimated)</u></p> <p>06/2011</p>						
<p><u>Estimated Cost (In Thousands)</u></p> <table border="1"> <tr> <td>Entire Project</td> <td>Work for which firm was/is responsible</td> </tr> <tr> <td>\$ 250,000</td> <td>\$ 180,000</td> </tr> </table>		Entire Project	Work for which firm was/is responsible	\$ 250,000	\$ 180,000	<p><u>Project Owner's Contact Person, Title, & Telephone Number</u></p> <p>Alan Kirkland, Project Manager, (352) 483-9043</p>
Entire Project	Work for which firm was/is responsible					
\$ 250,000	\$ 180,000					
<p><u>Scope of Entire Project</u> (Please give quantitative indications wherever possible)</p> <p>Radio Road from Treadway Road to Jackson Road, Lake County, Florida - This was a 0.5 mile urban 3-lane roadway with curb and gutter, sidewalks, and traffic signal. Final design includes preparation of contract plans ; preparation of estimates, environmental assessments and ERP preparation for SJRWMD and permitting; public involvement; GIS services; utility coordination; design surveys and preparation of R/W documents; signalization, signing and markings.</p>						
<p><u>Nature of Firm's Responsibility in Project</u> (Please give quantitative indications wherever possible)</p> <p>The firm was the prime consultant on this project.</p>						
<p><u>Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project</u></p> <p>Dino E. Lucarelli, PE was the Project Manager and Senior Highway Engineer for this project and will serve in a similar role for the County's project.</p>						



FORM 5

Prime Consultant's volume of work performed for the Lake County Board of County Commissioners
As a prime consultant and as a sub consultant – currently and previously

Name of Project (include continuing contracts)	Prime or Sub	Total Contracted Fee Amount	Approximate date of award of contract
N/A	N/A	N/A	N/A
Strada Design has not worked for the County as a Prime or as a Subconsultant			



FORM 6

Use this space to provide any additional information or description of resources (including any design capabilities) supporting your firm's qualifications for the County's project.

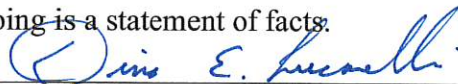
Traffic Control Design

Safety during construction is very important for this project because of the high speeds and the major changes in the intersection during construction. It becomes important to select a consultant who can deliver a plan for safe construction and implementation of the roundabout. Strada Design is FDOT certified to do traffic control design on State highways and has unique experience developing Traffic Control plans for two high speed roundabouts on the State highway system. One of these roundabouts was located at the intersection of SR 40 and SR 19 in the Ocala forest where right-of-way was very narrow and the traffic speeds are high.. A traffic control plan was developed for this intersection that was safe and met all applicable safety design standards. A key to this Traffic Control implementation was to grade the proposed roundabout to match closely with the existing intersecting roadways in order for the roundabout to be constructed quadrant by quadrant while maintaining traffic on the existing roadway. This also made it easier to shift the traffic from the existing roadway to the roundabout. The advanced warning signs and lighting were built along each roadway, while the pavement construction was taking place in each quadrant, to prepare for the eventual traffic shift to the roundabout with the advanced warning signs covered until the roundabout was ready for traffic. This Traffic Control plan was successful and fit into an area where right-of-way was limited without any impacts to the Ocala forest.

Survey

The survey limits for this project should be a minimum of 1000 feet along each of the four intersecting roadway legs along with survey covering the intersection itself. The 1000 foot limit covers lane transition lengths required at each approach to the roundabout.

The foregoing is a statement of facts.

Signature: 

Telephone Number: 407-233-5999

Date: 03/20/2013

Typed Name and Title: Dino E. Lucarelli, President



LAKE COUNTY FLORIDA

OFFICE OF PROCUREMENT SERVICES
315 WEST MAIN STREET, SUITE 416
PO BOX 7800
TAVARES FL 32778-7800

PHONE: (352) 343-9839
FAX: 352) 343-9473

www.lakegovernment.com

ADDENDUM NO. 1

Date: March 11, 2013

RFP 13-0025, Design Roundabout at CR 561

It is the vendor's responsibility to ensure their receipt of all addenda, and to clearly acknowledge all addenda within their initial bid or proposal response. Acknowledgement may be confirmed either by inclusion of a signed copy of this addendum with the initial bid or proposal response, or by completion and return of the addendum acknowledgement section of the solicitation. Failure to acknowledge each addendum may prevent the bid or proposal from being considered for award.

This addendum **does not** change the date for receipt of bids or proposals.

- 1. Delete all references to the "Vendor Certification Regarding Scrutinized Company List".**

Firm Name: Strada Design, LLC

Date: 3/20/2013

Signature: *Dino E. Lucarelli*

Title: President

Typed/Printed Name: Dino E. Lucarelli

A&E

LIMITS OF LIABILITY AND DEDUCTIBLES

INSURING CLAUSE 1: ERRORS AND OMISSIONS

Limit of liability:	USD1,000,000	each and every claim, including costs and expenses
Aggregate limit of liability:	USD2,000,000	Including costs and expenses
Deductible:	USD5,000	each and every claim, including costs and expenses

INSURING CLAUSE 2: EMPLOYEE BENEFITS LIABILITY

Aggregate limit of liability:	USD1,000,000	Including costs and expenses
Deductible:	USD500	each and every claim, including costs and expenses

INSURING CLAUSE 3: THIRD PARTY LIABILITY

Limit of liability:	USD1,000,000	Including costs and expenses
Aggregate limit of liability:	USD2,000,000	Including costs and expenses
Deductible:	USD500	each and every claim, including costs and expenses

INSURING CLAUSE 4: PRODUCTS LIABILITY

Aggregate limit of liability:	USD1,000,000	Including costs and expenses
Deductible:	USD500	each and every claim, including costs and expenses

INSURING CLAUSE 5: TENANTS' LEGAL LIABILITY

Aggregate limit of liability:	USD250,000	Including costs and expenses
Deductible:	USD500	each and every claim, including costs and expenses

INSURING CLAUSE 6: NON-OWNED & HIRED AUTO LIABILITY

Limit of liability:	USD1,000,000	Including costs and expenses
Aggregate limit of liability:	USD2,000,000	Including costs and expenses
Deductible:	NIL	

INSURING CLAUSE 7: DAMAGE TO HIRED AUTOS LIABILITY

Aggregate limit of liability:	USD50,000	Including costs and expenses
Deductible:	USD500	each and every claim, including costs and expenses

INSURING CLAUSE 8: MEDICAL EXPENSES

Limit of liability:	USD5,000	
Deductible:	NIL	each and every claim

INSURING CLAUSE 9: COMMERCIAL PROPERTY

NO COVER GIVEN

INSURING CLAUSE 10: BUSINESS INTERRUPTION

NO COVER GIVEN

INDICATION OF TERMS

REFERENCE NUMBER: CFC131140897
COMPANY NAME: DINO LUCARELLI DBA STRADA DESIGN LLC
TOTAL PAYABLE: USD13,780.00
Premium breakdown:
Errors & Omissions: USD13,305.00
General Liability: USD475.00
Fee breakdown:
Errors & Omissions: USD0.00
General Liability: USD0.00

BUSINESS ACTIVITIES: HIGHWAY ENGINEER
LEGAL ACTION: Worldwide
TERRITORIAL SCOPE: Worldwide
RETROACTIVE DATE: As Expiring
WORDING: A&E US v2.5
ENDORSEMENTS: PREMIUM PAYMENT CLAUSE
SUBJECTIVITY CONDITION CLAUSE
POLICYHOLDER DISCLOSURE - NOTICE OF TERRORISM INSURANCE COVERAGE

SUBJECTIVITIES: PLEASE CONFIRM THE EXPIRING RETROACTIVE DATE
POLICY PERIOD: 12 months
DATE OF ISSUE: 15 Mar 2013
ADDITIONAL NOTES: Optional ERP available for: USD13,353 for 12 months
Cover under the Terrorism Risk Insurance Act is available for an additional premium of USD 48.00
Please confirm the following Surplus Lines Licence information is correct for this risk:
A240363 Amelia Underwriters Inc, PO BOX 16560, 32034, FL
SECURITY: 100% CERTAIN UNDERWRITERS AT LLOYD'S

THIS INDICATION OF TERMS IS ONLY VALID FOR 30 DAYS FROM THE DATE OF ISSUE

PLEASE REFER TO THE FOLLOWING PAGES FOR A FULL BREAKDOWN OF LIMITS, RETENTIONS AND APPLICABLE CLAUSES

POLICYHOLDER DISCLOSURE - NOTICE OF TERRORISM INSURANCE COVERAGE

You are hereby notified that under the Terrorism Risk Insurance Act of 2002, as amended ("TRIA"), that you now have a right to purchase insurance coverage for losses arising out of acts of terrorism, as defined in Section 102(1) of the Act, as amended: The term "act of terrorism" means any act that is certified by the Secretary of the Treasury, in concurrence with the Secretary of State, and the Attorney General of the United States to be an act of terrorism; to be a violent act or an act that is dangerous to human life, property, or infrastructure; to have resulted in damage within the United States, or outside the United States in the case of an air carrier or vessel or the premises of a United States mission; and to have been committed by an individual or individuals, as part of an effort to coerce the civilian population of the United States or to influence the policy or affect the conduct of the United States Government by coercion. Any coverage you purchase for "acts of terrorism" shall expire at 12:00 midnight December 31, 2014, the date on which the TRIA Program is scheduled to terminate or the expiry date of the policy whichever occurs first, and shall not cover any losses or events which arise after the earlier of these dates.

YOU SHOULD KNOW THAT COVERAGE PROVIDED BY THIS POLICY FOR LOSSES CAUSED BY CERTIFIED ACTS OF TERRORISM IS PARTIALLY REIMBURSED BY THE UNITED STATES UNDER A FORMULA ESTABLISHED BY FEDERAL LAW. HOWEVER, YOUR POLICY MAY CONTAIN OTHER EXCLUSIONS WHICH MIGHT AFFECT YOUR COVERAGE, SUCH AS AN EXCLUSION FOR NUCLEAR EVENTS. UNDER THIS FORMULA, THE UNITED STATES PAYS 85% OF COVERED TERRORISM LOSSES EXCEEDING THE STATUTORILY ESTABLISHED DEDUCTIBLE PAID BY THE INSURER(S) PROVIDING THE COVERAGE. YOU SHOULD ALSO KNOW THAT THE TERRORISM RISK INSURANCE ACT, AS AMENDED, CONTAINS A \$100 BILLION CAP THAT LIMITS U.S. GOVERNMENT REIMBURSEMENT AS WELL AS INSURERS' LIABILITY FOR LOSSES RESULTING FROM CERTIFIED ACTS OF TERRORISM WHEN THE AMOUNT OF SUCH LOSSES IN ANY ONE CALENDAR YEAR EXCEEDS \$100 BILLION. IF THE AGGREGATE INSURED LOSSES FOR ALL INSURERS EXCEED \$100 BILLION, YOUR COVERAGE MAY BE REDUCED.

THE PREMIUM CHARGED FOR THIS COVERAGE IS PROVIDED IN THE QUOTATION ACCOMPANYING THIS NOTICE AND DOES NOT INCLUDE ANY CHARGES FOR THE PORTION OF LOSS COVERED BY THE FEDERAL GOVERNMENT UNDER THE ACT.

<input type="checkbox"/>	I hereby elect to purchase coverage for acts of terrorism for the prospective additional premium stated in the quotation provided to me.
<input type="checkbox"/>	I hereby elect to have coverage for acts of terrorism excluded from my policy. I understand that I will have no coverage for losses arising from acts of terrorism.



Policyholder/Applicant's Signature

Dino E. Lucarelli

Print Name

3/15/13

Date

LMA9011

21/12/07

Form approved by Lloyd's Market Association



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

June 20, 2012

JoAnn Lucarelli, Managing Member
Strada Design, LLC
298 Hanging Mass Circle
Lake Mary, FL 32746

Dear Ms. Lucarelli :

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

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.3 - Signalization

Your firm is now qualified to do work for the Department for minor projects only. This level of qualification allows consultants to compete for minor projects with fees estimated at below \$250,000.00.

Your Notice of Qualification shall be valid for one year from the date of this letter. We will automatically notify your firm 45 to 60 days prior to your update deadline.

Should you have any questions, please feel free to contact me at 850/414-4485.

Sincerely,

Lorraine E. Odom
Professional Services
Qualification Administrator

LEO/cmr