

400
VISION AVE

public participation

ability planning

transportation involvement

transport

broward **MPO**
metropolitan planning organization

transit surveillance

mobility options

Transportation Planning Services

congestion management

intermodal planning

long range transportation planning

data collection

traffic and safety data

administraton

planning managem

regional transportation plan

corridor plann

freight and goods



STATEMENT OF QUALIFICATIONS
RFQ# 11-01

JULY 2011



SUBMITTED BY

JACOBS

800 Fairway Drive, Suite 190
Deerfield Beach, FL 33441



Vikas Jain, AICP, GISP
vikas.jain@jacobs.com
954.246.1247

July 1, 2011

Mr. Roger Del Rio, Project Coordinator
Broward Metropolitan Planning Organization
Trade Centre South
100 West Cypress Creek Road, Suite 850
Fort Lauderdale, FL 33309

Re: Transportation Planning Services, RFQ #11-01

Dear Mr. Rio,

Jacobs Engineering Group Inc. (Jacobs) is pleased to submit our Statement of Qualifications to the Broward Metropolitan Planning Organization (MPO) for Transportation Planning Services to be performed from July 2011 to June 2016. We understand the scope for transportation planning services encompasses a variety of transportation and related work assignments including administrative, technical, graphical, public involvement and product review activities. We bring the experience, expertise, creativity, knowledge and established relationships with Broward MPO and County staff, availability and dedication to quality services and will be responsive to your needs.

The Jacobs Team firms are dedicated to providing quality services and excel in the various aspects of the broad range of services required by this contract. Each partnering firm has committed key professionals who are recognized as experts in their field to be resources for the Broward MPO. Supporting these experts is a depth of professional planners and engineers ready to provide technical assistance, whether for a specific task or for staff support in your office. Jacobs alone has 25 planners and 80 engineers in Florida available to bring you the best practices and best resources from across the state, in addition to our national expertise in system and corridor planning and award-winning public engagement programs.

Our Project Manager, **Vikas Jain, AICP, GISP** fully understands the Broward MPO's vision for transportation as it moves forward with facilitating implementation of key elements of the 2035 Long-Range Transportation Plan (LRTP) branded as "Transformation." Vikas has worked closely with Broward MPO staff and leadership in developing the 2035 LRTP and is the right person to manage our depth of resources available to the Broward MPO. He is a proven and accomplished Florida transportation planner specializing in transit planning, land use, transportation modeling, GIS and business administration.



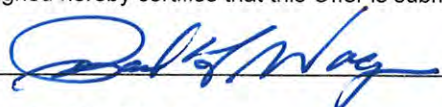
**CONTACT PERSON/
PROJECT MANAGER**
Vikas Jain, AICP, GISP
Jacobs Engineering Group Inc.
800 Fairway Drive, Suite 190
Deerfield Beach, FL 33441
954.246.1247
vikas.jain@jacobs.com

We hope this letter of intent communicates our strong desire to provide services to you and that our qualifications package conveys our knowledge and experience of providing cost-effective quality. As an officer of Jacobs, I commit the necessary resources to perform Transportation Planning Services required by RFQ #11-01 from the contract's notice to proceed through the contract's five-year duration. We look forward to the opportunity to serve you.

Sincerely,
Jacobs Engineering Group Inc.

Paul F. Wagner
Vice President

SECTION 4 QUALIFICATION'S OFFER COVER SHEET

OFFEROR'S NAME (Name of firm, entity, or organization): Jacobs Engineering Group Inc.	
FEDERAL EMPLOYER IDENTIFICATION NUMBER: 95-4081636	
NAME AND TITLE OF OFFEROR'S CONTACT PERSON: Name: Vikas Jain Title: Project Manager	
MAILING ADDRESS: Street Address: 800 Fairway Drive, Suite 190 City, State, Zip: Deerfield Beach, FL 33441	
TELEPHONE: (954) 246-1234	FAX: (954) 246-1235
OFFEROR'S ORGANIZATION STRUCTURE: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship <input type="checkbox"/> Joint Venture <input type="checkbox"/> Other (explain):	
IF CORPORATION: Date Incorporated/Organized: 1957 State of Incorporation/Organization: Delaware States registered in as foreign Corporation:	
OFFEROR'S SERVICES OR BUSINESS ACTIVITIES OTHER THAN WHAT THIS SOLICITATION REQUESTS FOR: Identify here as well: ---	
LIST NAMES OF OFFEROR'S SUBCONTRACTORS AND/OR SUBCONSULTANTS FOR THE SINGLE CATEGORY OR COMBINATION OF CATEGORIES OF SERVICES OFFERED: Jacobs is submitting for all categories. Subconsultants will provide support services for the following categories: AECOM - UPWP Task 1.1, UPWP Task 2.2, UPWP Task 3.1, UPWP Task 3.2, UPWP Task 3.5 Clary Consulting, LLC - UPWP Task 1.1, UPWP Task 2.2, UPWP Task 3.1 Connetics Transportation Group, Inc. - UPWP Task 2.2, UPWP Task 3.1, UPWP Task 3.2, UPWP Task 3.5 Pierson Grant Public Relations - UPWP Task 1.1, UPWP Task 1.4	
OFFEROR'S AUTHORIZED SIGNATURE: The undersigned hereby certifies that this Offer is submitted in response to this Solicitation. Signed by:  Date: 6/27/11 Print name: Paul F. Wagner Title: Vice President	

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

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For your convenience, the following Scoring Criteria Roadmap identifies the chapter and page number locations for each evaluation criteria.

Scoring Criteria Roadmap	
Criteria	Chapter & Page #
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2. Experience with UPWP's and categories noted under 2.1 that the Offeror is interested in	Ch.2, ES, 1-4 Ch.3, E&Q, 1-9
3. Ability to supply all of the major disciplines necessary to support the requested Services	Ch.1, Letter of Intent Ch.2, ES, 1-4 Ch.3, E&Q, 1-9
4. Understanding of county, regional, transportation and policy issues	Ch.2, ES, 1 Ch.2, TI, 1-5
5. Experience with Florida Statutes, regulatory agencies, permitting and BMPO Rules	Ch.2, ES, 2-4
6. Experience with other government clients	Ch.2, ES, 2 Ch.3, E&Q, 1-9
7. Experience in the coordination of civic input and innovative methods	Ch.2, TI, 4-5 Ch.3, E&Q, 1-5, 8 & 10
8. Experience of project team working together	Ch.2, ES, 2 Ch.3, E&Q, 1-5 & 8
9. Quality assessment and quality control mechanisms	Ch.2, TI, 5
10. Certified DBE consultants and non-DBE consultants	Ch.2, ES, 1 Ch.3, OC, 1 Ch.19, DBE Participation
11. A local base of operations or capability of branch or local office to perform the work independently	Ch.2, ES, 3 Ch.3, OC, 1

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Executive Summary

The Jacobs Team: Responsive to Your Needs

Today, Broward County is facing key transportation challenges and policy issues including:

- Uncertainty of availability of transportation dollars from traditional funding sources
- Adopting a regional approach to combat transportation problems
- Investing in high-capacity transit system
- Identifying viable unconventional sources of funding transportation improvements
- Coordinating land use and transportation development
- Incorporating sustainability and livability principles in transportation planning to leverage federal funds
- Effective intergovernmental agency coordination
- Meaningful public engagement in the transportation planning process

Jacobs brings to the Broward MPO diverse and proven Florida transportation planning experts with unique qualifications and local knowledge. We handpicked our team members to be responsive to Broward MPO's needs. Our team includes specific experienced transportation planning professionals to address these contemporary issues in Broward County and south Florida.

Our team includes accomplished and experienced professionals such as Jeff Stiles PP/AICP, David Nelson, Cassandra Ecker, AICP, Ron Fisher, Jill Quigley, AICP and Lynda Mifsud, AICP with Jacobs and Dave Schmitt, AICP and Mark Schofield with AECOM. Beyond these highly-experienced professionals, we offer extensive locally-based staff resources with access to additional regional and national experts. Our staff is unsurpassed in planning experience, knowledge of the Metropolitan Planning Organization (MPO) process and issues specific to Broward County. We are also proficient in the use of cutting-edge technology for engaging the public and streamlining technical work as demonstrated through our work with the Tampa Bay Area Regional Transportation Authority (TBARTA) and Central Broward Transit Alternatives Analysis/DEIS.

Our partnering firm, AECOM, has performed transportation planning and economic analysis studies for both highway and transit systems throughout Florida for more than 25 years and has recently assisted the Broward MPO and the Miami-Dade MPO in developing their respective 2035 Long Range Transportation Plans. AECOM has gained a solid understanding of mobility issues in Broward County and the region while working on the University Connection Study, Broward Boulevard Corridor Study, South Florida East Coast Corridor Study, to name a few. AECOM continues to assist the Florida Department of Transportation (FDOT) District Four with regional travel demand model development.

Another teaming partner, Connetics Transportation Group (CTG) (DBE), brings additional expertise in transit systems, operations planning and ridership forecasting. Tim Crobans has conducted several transit-related studies during the past 20 years including comprehensive operational analysis, service plans and operations and maintenance (O&M) cost estimates for numerous local and national systems. CTG brings best value for the money.

Jacobs has one of the lowest overhead rates of full service planning/engineering consulting firms at 122.88 percent. This low overhead rate translates to the ability to provide up to 40 percent more services for the same number of dollars. Additionally, two of our five team member firms are certified DBE/SBE enterprises, making us confident that we can help the MPO exceed its DBE goal on this contract.



Eugene Branagan, Lowell Clary and William Thorp with Clary Consulting, LLC (CCL), bring over 70 years of collective experience and knowledge in conducting financial analysis, developing revenue and finance plans, and negotiating the final issues needed to deliver the project. The firm has extensive experience in the areas of project development, transit-oriented development projects and delivery methods including outsourcing, public-private partnerships and interaction with the private sector from a policy perspective. Some of CCL's key projects include SR 7 Express Bus PD&E Study, Glades Road Busway PD&E Study, and Miami-Dade Intermodal Center Central Station Operations Agreement.

Timothy Borchers, City Rail Solutions (CRS), offers 33 years of streetcar, trolley and tramway experience, providing system concepts, service planning, and advice on vehicle design and type. As a streetcar specialist, he has managed streetcar projects including design and construction, vehicle design and development, system operations and safety programs in St. Louis, Savannah, Memphis, and Tampa. He was selected by the American Public Transportation Association as a technology presenter at the 2010 and 2011 Rail Conference to report on the current development of hybrid/wireless streetcar technologies.

Our local team member for public involvement activities Pierson Grant Public Relations (PGPR) adds fresh perspective to public engagement and further strengthens our in-house public outreach capabilities. PGPR, a full-service public relations firm, delivers strategic thinking, on-the-ground implementation and creativity. Jane Grant has been working with the Broward League of Cities and profoundly understands the local issues and politics in almost all 31 municipalities in Broward County. She will bring fresh eyes to communicating the importance of transportation investment while bringing understanding about the community at large.

Jacobs Team: Working Together

Our team members have developed excellent working relationships while delivering planning and transportation studies to various agencies during the past 10 years. Jacobs and AECOM have worked together as partners across the United States and Florida on rendering solutions to complex transportation planning issues. Local projects exhibiting successful partnership between Jacobs and AECOM are the Broward County 2035 Long Range Transportation Plan (LRTP) and the Central Broward East-West Transit Analysis Study. Jacobs' association with CTG goes back to early 2000s. Jacobs, AECOM, and CTG have worked on the Tampa Bay Area Regional Transportation Authority (TBARTA) Master Plan, Pinellas Alternatives Analysis Study and Strategic Regional Transit Plan for south Florida in the past five years. Jacobs and CCL are partners on the Glades Road Busway PD&E Study in Palm Beach County. We have added PGPR to the team because they bring new ideas and strategies in engaging Broward County residents in the transportation planning process. CRS offers the latest technologies in streetcar, trolley and tramway systems.

The table below highlights strength of Jacobs Team to assist on a variety of task identified under various UPWP categories.

Firm	Role
Jacobs	Project Management & Administration; Public Outreach; Data Collection & Analysis; Long Range and Regional Transportation Planning; Freight & Goods/Intermodal Planning, Congestion Management Process & Corridor Studies; Livability Planning; TIP; Airport/Seaport Planning, Transportation Disadvantaged
AECOM	Travel Demand Forecasting; Economic Analysis
CTG	Transit Development; Transit Service Plan, O&M Cost; Sketch Planning
CCL	Financial Analysis
PGPR	Media Strategy, Marketing, Public Engagement
CRS	Streetcar Project Development

JACOBS

AECOM



CLARY
CONSULTING, LLC

PIERSON GRANT
public relations



JACOBS COMMITMENT

The Jacobs Team is with you all the way.... We will ensure that Broward MPO is successful moving the County and south Florida region forward. We are committed to assisting the MPO's effort realize its vision of "Transformation," be in compliance with federal, state, and local mandates for transportation planning processes, as well as, proactively prepare for changes to policy guidance on environmental and land use issues. We pride ourselves in our ability to best understand your Vision, anticipate your needs, and produce cost-effective results with the "big picture" in mind. We will not only act as an extension of MPO staff, but also serve as a credible advisor based on an already proven, mutual relationship of trust.



Jacobs Team: Clients & Experience

We bring extensive and relevant experience to the Broward MPO. For the Broward MPO, Jacobs led the effort to develop Broward County's 2035 LRTP known as "Transformation." Jacobs is currently assisting several MPOs throughout Florida, including the Miami-Dade MPO, Hillsborough County MPO, Pinellas County MPO and Sarasota/Manatee County MPO through General Planning Consulting (GPC) contracts. We have also successfully managed the FDOT District Four's Districtwide Growth Management GPC, a Districtwide Public Transportation Operations (PTO) contract for FDOT District Five and served as a GPC for the South Florida Regional Transportation Authority (SFRTA). Additionally, we have worked for the Hillsborough Area Regional Transit (HART) Authority as the Special Support Services consultant.



The Jacobs Team has worked with MPOs throughout Florida providing services for an array of projects from long-range planning and systems planning to regional coordination, policy planning and development of extensive public engagement programs. Jacobs is a full-service firm involved in all phases of project development including front end planning, engineering design and constructability reviews, permitting, construction and inspection. Our local office staff has gained solid experience and developed excellent relationships with various agencies while providing these services on several projects in Broward County.

With air quality concerns on the rise, there is a paradigm shift underway to a multi-modal approach when it comes to planning for the future. Long-range planning is a continuing need for the MPO, and we are ready to assist. Our team worked with the Broward MPO during development of the LRTP with the goal to establish a framework for implementation of projects that ensure livability goals. This effort represented a major shift in thinking – away from auto centric projects to new multi-modal planning concepts. For the Hillsborough County MPO, Jacobs completed the cost estimating task for the 2035 LRTP.

When it comes to transit planning, our experience is comprehensive. A list of relevant projects from the past 10 years, comparable in scope and services you require, is provided in Chapter 3 of this submittal. As shown in our related project experience, we can identify alternative transportation solutions that encourage redevelopment through mobility planning and sub-area studies. We can recommend ways to meet or manage transportation demand through alternative land use coordinated with multi-modal transportation improvements, emphasizing a balanced transportation system and policies for a system of complete streets. We have supported several MPOs in leveraging additional funding for the MPO; congestion management techniques and integration, light rail transit, bus rapid transit projects and transportation disadvantaged service planning.

The need to have a meaningful dialogue with the public is growing, making public engagement an important piece of successful projects. Giving members of the public the opportunity to be involved in the decision-making process not only allows us to better understand their needs but also helps to create projects that will be publicly supported. Jacobs provides public engagement services including the writing and production of the MPO newsletter and electronic town hall meetings. We have also worked successfully to implement complete streets policies and capital planning by conducting outreach efforts, identifying potential corridors, identifying funding sources and more fully integrating these concepts into the planning process.



Why the Jacobs Team?

Jacobs greatly appreciates your consideration for the Broward MPO Transportation Planning Services consultant. We bring to you the required resources, expertise and enthusiasm needed to successfully complete tasks on time and within budget. Our team has been assembled with proven MPO experience in mind and consists of staff with many years of multidisciplinary experience working with MPO staff. We provide services from the preliminary planning phase all the way through to final design and construction services. Additionally, the Jacobs Team is:

- Local with more than half of our team located in the Broward County area
- Capable of simultaneously completing multiple tasks
- Knowledgeable of the MPO processes and procedures
- Committed to maintaining budgets, schedules and quality
- Well informed of the Broward MPO's vision, transportation policy and planning requirements including, air quality standards, federal reauthorization and state strategic plans that will impact the Broward MPO

We will ensure services are accomplished to the satisfaction of the Broward MPO. We want to be your Transportation Planning Services consultant, and we value this opportunity to expand our relationship with you.

RFQ and Sample Contract Comments

We have reviewed your RFQ with Sample Contract and find it generally acceptable as a basis for negotiation of a mutually-agreed-to final contract between the parties. However, we have provided comments at the end of Chapter 18 regarding the terms and conditions, and trust that Broward MPO would be willing to discuss them if we are selected.



Technical Information, Management and Approach

Understanding the Broward MPO

As the Broward MPO looks to refine and implement its vision of "Transformation," it will need to perform routine tasks to remain in compliance with federal and state regulations, as well as confront new challenges while addressing cutting-edge issues as explained below. Broward County will be at the center of collaborative efforts to connect the region and provide mobility choices. Key changes as to how the MPO operates may be necessitated by Broward County's identification as a nonattainment area by the EPA, 2010 Census, reauthorization of the Federal Surface Transportation legislation and other events.

2035 Long Range Transportation Plan: Compliance and Amendments

Long-range transportation plans are unique in their ability to evolve through regularly-scheduled intervals in between the major updates every five years. Amendments proposed during the interim years should be closely aligned with the core mission and vision of the adopted plan, as well as meet changing community expectations. In addition to local decisions on transportation projects, changes to federal and state regulations may prompt additional updates or amendments.

A wide variety of technical analyses will be required in the immediate or near future to maintain the 2035 Long Range Transportation Plan (LRTP) in compliance with the anticipated federal, state, and local policies due to the change in LRTP update cycle from three years to five years.

Technical analyses would be required for the entire spectrum of tasks ranging from incorporating the Comprehensive Plan and LRTP amendments, 2010 census population and employment data, growth and development exercises such as sustainability scenario planning, updates related to the regional transportation planning effort and responding to the MPO Board and Committee requests. We will be able to assist the MPO staff with technical review and evaluation of studies that the MPO conducts.

The Jacobs Team will support the MPO staff in providing technical analyses required for the above tasks. We use the best available tools in the industry when it comes to data collection and analyses. In addition, we will use innovative tools and techniques to incorporate some of the more challenging policy issues that the traditional four-step transportation modeling process lacks.

Transportation Funding and Surface Transportation Reauthorization

At the federal level, 2011 began with another Continuing Resolution effectively delaying the Surface Transportation Reauthorization, as Congress struggles for ways to bridge the funding gap. A renewed focus on the



Broward County will be at the center of collaborative efforts to connect the region and provide mobility choices. Jacobs wants to partner with Broward MPO to refine and implement your vision of "Transformation"



Broward MPO's vision for creating a premium transit system in the County will require the Broward MPO and its partner agencies to look for bold new approaches for funding such a transit system.



Our team has successfully used the Integrated Planning Approach to provide transportation mobility solutions that are integrated with appropriate community design.

economy and fiscal health take center stage in policy debates. The traditional earmark approach to funding transit and transportation projects is coming under intense scrutiny. Congress will likely favor Continuing Resolutions to hold spending at fiscal year 2010 levels through fiscal year 2011 while spending and budget issues are addressed.

It is against this backdrop that new lawmakers will consider the next Surface Transportation Act Reauthorization. Congress stands divided on the bi-partisan proposal to increase fuel taxes by 25 cents during the next three years. The focus of a renewed 2011 push for reauthorization will be on improving employment and economic opportunities, streamlining approval processes, reallocating funding to infrastructure projects and capitalizing on public-private partnerships. A new emphasis on formula programs may be the preferred manner of appropriations in the fall-out surrounding the current aversion to earmarks.

Given the uncertainty of availability of transportation dollars in future from traditional source funding sources and the increasing need for greater local share to leverage non-local grant sources, transportation agencies are looking for innovative ways to finance transportation infrastructure. The Broward MPO's vision for creating a premium transit system in the County will require the Broward MPO and its partner agencies to look for bold new approaches for funding such a transit system. Our teaming partner, Clary Consulting, LLC, has extensive local experience and knowledge developing innovative approaches to financing complex infrastructure projects. AECOM understands traditional and unconventional funding sources at the local level and how to leverage them for building transportation infrastructure further strengthening our team. The Jacobs Team brings the expertise needed to tap new sources of funds and devise creative project development plans that will be crucial to realizing the Broward MPO's vision of "Transformation."

Mobility Hubs: Land Use, Urban Design, & Alternative Transportation

Sustainability and context sensitive solutions continue to gain importance in providing transportation mobility solutions that are integrated with appropriate community design. Innovative approaches to address land use and urban design issues in transportation corridors are context zone analyses, urban design and form implications, and sustainability applications for all elements. Our team has successfully used the Integrated Planning Approach. This approach employs transportation and land use modeling for sustainable results that focus on person throughput and the total network including testing land use prototypes and corresponding multimodal alternatives. We suggest exploring innovative sustainable models such as Complete Streets program among others that consider design, governance, finance and policy to implement unconventional land use and urban design solutions to design mobility hubs that promote transit, bicycle/pedestrian modes and aid in implementation of car-share and bike-share programs.



The Jacobs Team has included key staff that is at the forefront of developing new strategies and products to address air quality conformity and the impacts of climate change.

CUSTOMER SATISFACTION & EMPLOYEE PERFORMANCE PROCEDURES

Jacobs' internal processes require members of our Executive Committee to conduct periodic client surveys to gauge customer satisfaction. We ensure our employees receive training on the latest and best technology and tools available in the industry to perform effectively and efficiently, monitoring their performance on a regular basis.

Regional Issues: Air Quality, Climate Change and Greenhouse Gas Reductions

Goals of sustainability with an environmental focus translate into transportation modes facing new standards on climate change and ozone depletion. In anticipation of South Florida's designation as a nonattainment area in August 2011, the Jacobs Team has included key staff that is at the forefront of developing new strategies and products to address air quality conformity and the impacts of climate change. We are prepared to offer an exciting innovation to the Broward MPO with the creation of greenhouse gas emissions "tool kits," supporting the development of projects and plans that reduce greenhouse gas emissions.

Climate change is a top priority for South Florida as evidenced by the Southeast Regional Climate Change Compact. Integration of transit and land use and collaboration among regional planning partners will play an even greater role in future emissions reduction goals. Housing and Urban Development's recent award of a \$4.25 million Sustainable Communities Regional Planning Grant to Southeast Florida provides an opportunity to build on regional visions and plans. While this unprecedented and significant cooperative initiative is occurring in Southeast Florida among more than 200 members and supporting organizations for this planning effort, pressures at the state level to streamline government and reduce budgets has resulted shifting growth management functions to local jurisdictions. We bring national expertise and local knowledge of transit and land use issues developed during the past decade working for multiple clients throughout south Florida.

Management Approach

Our Project Manager, Vikas Jain, AICP, GISP envisions delivering entire projects from research and data collection to conceptual project development and design. Vikas has effectively managed large teams and multiple work orders while efficiently distributing work efforts among our team members based on the expertise required for each specific assignment.

Our management approach provides for getting each job done on time and within budget. Planning is a people business and communication is the key. We will listen to you and anticipate your needs and expectations. We will do diligent research and will gain an understanding of the communities' needs. We will exceed expectations but don't over-promise. We will use resources efficiently. This approach means assigning the most appropriate staff to each assignment based on capabilities and experiences; presenting a reasonable and complete but not over-complicated scope of services, negotiating from a mindset of fairness and service, and continually watching out for the Broward MPO's interests as the project progresses.

Each assignment may begin by contacting Vikas to discuss the project and its requirements. Our Executive Advisor, Cassandra Ecker, AICP, is also directly available to you at any time. After the needs are fully understood, a task leader and key team members will be assigned, and a scope and fee estimate will be produced. We realize some tasks may require immediate action, and we will ensure staffing is adequate, and team members are dedicated and



JACOBS TEAM ACCOMPLISHMENTS

- Telephone based town halls
- Live broadcast television programming
- Live online meetings
- Focus groups
- Social media use within Florida's Sunshine Law

JACOBS TEAM ACCOMPLISHMENTS

Jacobs' judicious use and strategic integration of technologies in public engagement has also allowed our clients to realize "cost-per-connection" which is far lower than traditional approaches.

available to meet the schedule constraints. To ensure prompt service and response, you will be given the cellular telephone number and email for every key staff assigned to your assignment. Vikas and Cassandra, along with our Quality Assurance/Quality Control professionals (Ned Baier, AICP, Lynda Mifsud, AICP and Jeff Stiles, AICP, PP) will monitor work progress, check product quality, ensure availability of resources and communicate with you frequently to make sure we are meeting or exceeding your expectations. During the course of the assignment, if we receive direction that would change the cost or schedule of the assignment, we will discuss these items with you immediately, along with providing a reasonable estimate of the potential impact and summary of the advantages of a new approach, as applicable.

Innovative Techniques for Public Involvement

Extensive and effective public engagement and stakeholder support is critical now more than ever for funding and delivering successful transportation projects. Moving passenger and goods efficiently will be paramount for Broward County to be competitive in attracting new businesses and jobs, improve public health and safety, and enhance the quality of life for its residents.

The Jacobs Team has set the bar high for innovative, unique and effective public engagement opportunities through our work with the Hillsborough County MPO and the TBARTA. We have provided public engagement expertise to a variety of plans, such as long range transportation plans cost affordable plans, regional transportation master plans and transportation disadvantaged service plans.

Jacobs was the first to bring telephone-based town halls to our industry. We have more experience than anyone in Florida at delivering these services to our clients. Additionally, we have integrated our events with interactive web and live broadcast television programming. These "all-inclusive" approaches to engagement allow us to connect with all demographic segments. Jacobs' judicious use and strategic integration of technologies in public engagement has also allowed our clients to realize "cost-per-connection" which is far lower than traditional approaches.

Jacobs was one of the first firms in Florida to help local and state agencies develop social media strategies that are both effective and work within the constraints of Florida's Sunshine Law. We will continue to be the leaders in the region to use this innovative strategy by helping our clients leverage social media to deliver a specific message that leaves a lasting impression. Here are just a few of the services and accomplishments we have had in the past few years:

- Connecting with well over 60,000 people in the TBARTA region using a strategic mix of traditional media, such as radio, television and print, and nontraditional
- Using technology based tools such as interactive-web, social media and telephone based "town halls"



- Developing, implementing and maintaining numerous social media tools including flash multimedia portals for a range of clients
- Conducting extensive data gathering including focus groups and web-based survey solutions
- Integrating wireless keypad voting into our engagement activities
- Producing countless public-friendly, or “plain-language”, documents and graphics including high-end 3D renderings and animation which comply with SAFETEA-LU standards
- Creating strategic planning for and purchasing of mass media and traditional media resources

Finally, Jacobs has the local presence, staff, skills and passion to help the Broward MPO engage ten people or ten thousand, and through experience we have acquired the wisdom to know what tools and solutions are most cost efficient and effective for your needs.

Quality Control/Quality Assurance

As a global company serving multiple industries, ensuring quality often requires a customized approach for the services we provide. For planning, the technical accuracy of the work is important, but presentation of products to clearly communicate to the expected audience can be just as critical. The process for maintaining high standards of quality for the Jacobs planning group begins during the development of each task scope. It is at the very beginning that the expectations of both the client and the task personnel are established to make sure the ultimate products to be delivered meets the intended needs that fits within the larger picture of the MPO's mission.

Jacobs and our planning group are proud of our culture of quality. We have a simple rule – everything gets checked. It is our philosophy to be involved in the development of task work orders and ensure the MPO is pleased with the assigned task leader. During projects, we will request that Jacobs team management and task leaders identify: (1) a technical reviewer not part of the work production to check methodologies and deliverables for content; and (2) an editorial reviewer to check presentation including context, grammar, and design. Our goal always is to execute work so your review effort is minimized, frustrations are prevented and your trust in us is reinforced. We always expect and invite MPO staff to perform audits to confirm we are following the processes we establish during project set-up. We are committed to providing quality work in a timely manner within budget and in a cost-effective and efficient manner to maximize results at a minimum cost to the MPO. Cost-effective provision of services on a task work-order contract means more deliverables can be provided within the project budget.

SECTION 14 STATEMENT OF ORGANIZATION

1. Full Name of Offeror:

Jacobs Engineering Group Inc.

- Principal Business Address, Phone and Fax Numbers:

800 Fairway Drive, Suite 190, Deerfield Beach, FL 33411

Phone: 954-246-1234

Fax: 954-246-1235

2. Principal Contact Person(s):

Vikas Jain, AICP, GISP

3. Form of Offeror (Corporation, Partnership, Joint Venture, Other):

Corporation

4. Provide names of partners or officers as appropriate and indicate if the individual has the authority to sign in name of Offeror. Provide proof of the ability of the individuals so named to legally bind the Offeror.

Name

Address

Title

Paul F. Wagner, 299 Madison Avenue, Morristown, NJ 07962, Vice President

If a corporation, in what state incorporated: Delaware

Date Incorporated: August 23 1957
Month Day Year

If a Joint Venture or Partnership, date of Agreement: NA

Name and address of all partners (state whether general or limited partnership):

If other than a corporation or partnership, describe organization and name of principals:

NA

5. Indicate the number of years the Offeror has had successful experience providing general planning services to governmental entities: Years: 64
6. List all contractors participating in this project (including subcontractors, etc.):

a. Name	Address	Title
AECOM Technical Services, Inc.		
1. 2101 Wilson Boulevard, Arlington, VA 22201		Subconsultant
Connectics Transportation Group, Inc. (CTG),		
2. 142 W. Lakeview Ave., Suite 2070, Lake Mary, FL 32746		Subconsultant
Clary Consulting, LLE		
3. 22260 Wednesday St., Suite 200, Tallahassee, FL 32308		Subconsultant
Pierson Grant		
4. The Corporate Park at Cypress Creek,		Subconsultant
6301 Northwest 5th Way, Suite 2600, Ft. Lauderdale, FL 33309		
5. City Rail Solutions, P.O. Box 76072, Tampa, FL 33675		Subconsultant

7. Outline specific areas of responsibility for each contractor listed in Question 6.

1. AECOM - Transit Modeling, Model Development and Refinement
2. Connectics - Transit Operations, Transit Service Planning , O&M Cost
3. Clary - Financial Analysis
4. Pierson - Public Relations
5. City Rail Solutions - Streetcar Project Development

8. County or Municipal Business Tax Receipt No.
Broward County 315-807
City of Deerfield Beach 11-0002538, 11-00026910
(Attach Copy)

Social Security or Federal ID No.

FEIN: 95-4081636

9. List states and categories in which your organization is legally qualified to do business. Indicate registration or license numbers, if applicable. List states in which partnership or trade name is filed.

Jacobs Engineering Group Inc. (or one of it's subsidiaries or related entities) is qualified
to do business in all 50 states.

10. Have you ever failed to complete any work awarded to you? Yes _____ No X

If so, note when, where and why:

See attachment A

11. Within the last five years, has any officer or partner of your organization ever been an officer or partner of any other organization that failed to complete a contract?

Yes _____ No X If yes, attach a separate sheet of explanation.

See Attachment A

12. Within the last five years, have you ever had a performance, payment or bid bond called?

Yes _____ No X If yes, attach a separate sheet of explanation.

13. Have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against the BMPO?

Yes _____ No X If yes, attach a separate sheet of explanation.

14. Within the last five years, have you, any officer or partner of your organization, or the organization been involved in any litigation or arbitration against any other governmental entity in Florida?

Yes X No _____ If yes, attach a separate sheet of explanation. See attachment A

15. On a separate sheet, describe the management systems and reporting systems that your organization will utilize to perform the services described in this request for proposals.


Signature

Vice President
Title

Paul F. Wagner
Name

6/22/11
Date

[THIS SPACE INTENTIONALLY LEFT BLANK]

FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE

ATTACHMENT A

The Submitting Firm, Jacobs Engineering Group Inc., and its subsidiaries form an organization that is comprised of approximately 125 operating companies and affiliates, having a total current employment complement of over 50,000 persons and revenues of approximately \$10 billion. From time to time and in the ordinary course of its business, the Company is subject to various claims, disputes, terminations, arbitrations, and other legal proceedings. It is the Company's practice to vigorously defend itself in such actions, many of which are generally subject to insurance and none of which are expected to have a materially adverse effect on the Company's consolidated financial statements.

In the past five (5) years Jacobs Engineering Group Inc. has not defaulted or materially failed to complete any work under a contract, or had a contract terminated due to quality of work. From time to time, in the normal course of business, Jacobs Engineering Group Inc. has had contracts terminated for the convenience of the client. Further, to the best of our knowledge and belief, no officer of Jacobs Engineering Group Inc. has within the past five (5) years been an officer of another organization that defaulted or materially failed to complete any work under a contract.



Executive Director

Gregory Stuart

Jacobs Executive Advisor

Cassandra Ecker, AICP¹

Jacobs Project Manager

Vikas Jain, AICP, GISP¹

Quality Assurance/Quality Control

Ned Baier, AICP¹
Lynda Mifsud, AICP¹
Jeff Stiles, AICP, PP¹

1.0 ADMINISTRATION

Administration and Planning Management (UPWP Task 1.1)

Cassandra Ecker, AICP¹ - Task Lead/Agency Strategy
Jane Grant⁶ - Community Relations/Communications
Eugene Branagan⁴ - Budgeting/Funding Source Identification
Mark Schofield² - Governance and Funding Mechanisms
Terry Walters¹ - Technology Services & Streamlining

Support for Transportation Coordinating Board (UPWP Task 1.2) and Transportation Disadvantaged Planning Options (UPWP Task 1.3)

Lynda Mifsud, AICP¹ - Task Lead
Brandie Miklus¹ - Coordination and Evaluation

Public Participation (UPWP Task 1.4)

Jennifer Straw, AICP¹ - Task Lead
Mireidy Fernandez¹ - Local Coordination/Media Messaging
Jane Grant⁶ - Evaluation and Facilitation
Alex English¹ - Social Media and Technology

2.0 DATA COLLECTION AND ANALYSIS

Highway, Traffic, and Safety Data (UPWP Task 2.1)

Karl Peterson, PE¹ - Task Lead
Christine Springer, PE¹ - Microsimulation
Tracy Phelps¹ - Data Collection and Preparation
Rosana Correa-Verdejo, PE, PTOE¹ - Data Analysis

Transit Surveillance and Development (UPWP Task 2.2)

Tim Crobans⁵ - Task Lead
Brett Nein, RLA, ASLA¹ - Transit Centers
Randy Farwell¹ - Bus Facilities
Allan Zreet, AIA¹ - Transit Amenities
Dave Schmitt, AICP² - Transit Demand Modeling
Sharon Hollis, AICP⁵ - Transit Plan Development
Lowell Clary⁴ - Transit Partnership Guidelines

OTHER SUPPORT SERVICES

Graphics/Web/Animation

Jim Kessler¹ - Task Lead
Daniel Bearer¹ - Visualization

Database Management

Terry Walters¹ - Task Lead
Micheal Frelich¹ - Database Development

Air Quality/Environmental Analysis

Corey Carter¹ - Task Lead

3.0 PROGRAM AND PLAN DEVELOPMENT

Long Range Transportation Planning (UPWP Task 3.1)

Vikas Jain, AICP, GISP¹ - Task Lead
Joe Shoffner, AICP¹ - GIS and Census Analysis
Eric Heinz¹ - Data Management
Tim Crobans⁵ - Transit Service Planning/Operations
Dave Schmitt, AICP² - Travel Demand Modeling
William Thorp⁴ - Project Finance
Ana Elias, PE, PhD, PTOE¹ - Traffic Analysis
Toni Horst² - Social and Economic Analysis

Regional Transportation Planning (UPWP Task 3.2)

Dave Schmitt, AICP² - Task Lead
Tara Blakey¹ - Sketch Modeling
Tim Crobans⁵ - Transit Service Planning/Operations
Ashutosh Kumar² - Modeling Coordination

Livability Planning (UPWP Task 3.3)

Jill Quigley, AICP¹ - Task Lead
Brett Nein, RLA, ASLA¹ - Transit Centers
Jennifer Willman, AICP¹ - Multi-modal Plans
James Ratliff, AICP¹ - Design Guidelines

Transportation Improvement Program (UPWP Task 3.4)

Ned Baier, AICP¹ - Task Lead
Lynda Mifsud, AICP¹ - Program Development
Jennifer Straw, AICP¹ - Funding Analysis/Project Eval.
Joe Shoffner, AICP¹ - User Interface Development
Katie Habgood¹ - TIP Maintenance

Congestion Management Process and Corridor Planning (UPWP Task 3.5)

Tracy Phelps¹ - Task Lead
Scott Pringle, AICP¹ - Corridor Planning
Corey Quinn, PE - ITS Infrastructure
Lynda Mifsud, AICP¹ - Performance Evaluation
Tim Crobans⁵ - Modeling
Ron Fisher¹ - FTA Coordination
Dave Schmitt² - Ridership Forecasting

Freight and Goods Management/ Intermodal Planning (UPWP Task 3.6, 3.7, 3.8)

David Nelson¹ - Task Lead
Tara Blakey¹ - Goods Movement

Mobility Options and Transportation Enhancements (UPWP Task 3.9)

Hollie Schmidt, ¹ - Task Lead
Tracy Phelps¹ - Crash Data
Luis Ferreira, PE¹ - Project Development

Airport/Seaport Planning (UPWP Task 3.7, 3.8)

Andy Wilson¹ - Airport
Chris Ahern, EI¹ - Seaport

Light Rail/Streetcar Project Development

Jeff Stiles, AICP, PP¹ - Light Rail
Tim Borchers³ - Streetcar
John Kulpa, PhD¹ - FTA Coordination

Legend

Jacobs Engineering Group Inc.¹

AECOM²

City Rail Solutions³

Clary Consulting, LLC⁴

Connetics Transportation Group, Inc.⁵ (DBE)

Pierson Grant Public Relations⁶ (Broward County SBE)

Titles for each staff member are identified after their name.



Experience and Qualifications

Provided in the table below are comparable planning services provided to various Florida governments and agencies by Jacobs staff during the past 10 years. Our subconsultants' relevant projects are identified as well. We have identified the client, contact person and their telephone numbers and emails, project descriptions, and start and end dates. Our streetcar expert, Timothy Borchers, also brings extensive streetcar and trolley expertise and experience. Timothy is a former Manager of Streetcar Services for the Hillsborough Area Regional Transportation Authority (HART) and was responsible for operations, maintenance and works projects for HART's TECO Line Streetcar System and for reporting to the Tampa Historic Streetcar Board, coordinating with community organizations and special events. He has also produced and presented technical information on the latest wireless streetcar technologies and served as Secretary of the American Public Transportation Association (APTA) Streetcar Subcommittee.

Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
Broward Metropolitan Planning Organization (MPO) Greg Stuart 954-876-0035 StuartG@browardmpo.org	Broward County 2035 Long Range Transportation Plan (LRTP). Jacobs led the effort to develop Broward County's 2035 LRTP, "Transformation." This regional planning process signaled a dramatic shift from auto-based to alternative modes of planning and livability initiatives. The mobility hub concept was applied to create links between developed areas of the county and create a framework to integrate transportation investments ranging from ITS and sidewalks to fixed guideway transit. The collaborative effort included the participation of 24 cities and numerous agencies. The project was completed on schedule.	1.1, 1.4, 2.1, 2.2, 3.1, 3.2, 3.9	2008 2009	P \$698,484 (contract value); \$302,000 (Jacobs fee)
Miami-Dade MPO Jesus Guerra 305- 375-2069 jdqr@miamidade.gov	General Plannign Consultant. Jacobs was contracted by Miami-Dade MPO to solve funding issues for future expansion based on an adopted 20-Year Transportation Plan for the metropolitan area by finding ways to raise new revenues through a better management of existing capacity in freeways and expressways that include newly- required "green" solutions. Includes solutions to establishing premium public transportation services in major corridors that are cost feasible and expansion of urban rapid rails. Jacobs worked with the multi-agency Short Term Transportation Improvement Plan Committee to garner innovative ideas and seek support and awareness for the needed actions and changes.	1.4, 3.1, 3.3, 3.5, 3.9	2009 Ongoing	P \$3,000,000 (maximum contract value); \$144,000 (Jacobs fee to date)
FDOT District Six Ken Jeffries 305-470-6736 ken.jeffries@dot.state.fl.us	Districtwide Planning & PD&E Support. Jacobs is providing planning and proejct development and environmental support services to the District Six Planning Office. Task work orders received to-date have included in-house project management support, preparation of a scoping report for US-1 in Monroe County, sidewalk evaluation studies throughout Miami-Dade County and review of traffic /IJR documents. Future task work orders could include traffic analysis studies, corridor planning, and safety evaluations.	1.1, 2.1, 3.5, 3.9	2008 2013	P \$1,500,000 (maximum contract value); \$316,000 (fees to date)
South Florida Regional Transportation Authority (SFRTA) Joe Quinty 954-788-7928 quinty@sfirta.fl.gov	Tri-Rail Layover/Maintenance Facility Location Study. Jacobs recently completed this study that assessed the needs to expand the size and capabilities of the layover facility located in Palm Beach County. Jacobs prepared a detailed needs assessment, developed evaluation criteria, conducted a real estate search, evaluated alternative sites and recommended promising options that will satisfy Tri-Rail's current and projected needs. The project began January 2010 and ended January 2011 and was completed on schedule.	2.2,3.2	2006 2008	P \$153,000
Hillsborough County MPO Beth Alden, AICP 813-272-5940 aldenb@plancom.org	General Planning Consultant. Jacobs is the prime consultant for this task order contract. The project team includes multiple task managers and subconsultants. Services have included the production of quarterly public newsletters, the annual Community Transportation Coordinator Evaluation, Northeast Plant City Master Plan Transportation Analysis, Three-Cities (Tampa, Temple Terrace, Plant City) Multimodal Transportation District evaluation and recommendations, LRTP revisions of technology and revenues (2011)economic vitality, transit development and congestion management.	1.1, 1.2, 1.3 1.4, 3.1, 3.2, 3.3, 3.4, 3.5	2006 Renewed in 2010/ Ongoing	P \$591,000
Pasco County MPO Manny Lajmire 727-847-8140 mlajmire@pascocountyfl.net	General Planning Consultant. Tasks completed to date have included "Effectiveness of Public Involvement Techniques" that involved the review of the existing Public Involvement Plan in detail, focusing on the public involvement performance measures associated with each plan objective.	1.1, 1.2, 1.3 1.4, 3.1, 3.2, 3.3, 3.4, 3.5	2007 Ongoing	S \$30,741 (to-date)



Transportation Planning Services STATEMENT OF QUALIFICATIONS RFQ# 11-01

Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
	Jacobs staff performed a best practices review of evaluation criteria and standards used by MPOs across the State of Florida. We also produced an evaluation document summarizing the outcomes of the MPO's public involvement activities and recommended enhancements to the public involvement process, including future participation strategies, methods of measuring the effectiveness of activities, and monitoring techniques or procedures. Another task was the "West Pasco Trail Feasibility Study" that developed and refined plans for greenway and trail projects in western Pasco County focusing on the Cities of Port Richey and New Port Richey for inclusion in the County's Greenways/Trails/Blueways Plan, the MPO's Long Range Transportation Plan, and potential pursuit of grant opportunities.			
FDOT District Four Khalilah Ffrench 954-677-7898 Khalilah.Ffrench@dot.state.fl.us	I-595/Central Broward East-West Transit Alternatives Analysis/DEIS. This project is the next phase of the Central Broward East-West Transit Analysis project and includes preparation of a Draft Environmental Impact Statement for a 20-mile light rail line. Other major tasks in the project include identification of 16 station locations, conceptual engineering, evaluation of Minimum Operable Segment alternatives, and preparation of a New Starts submittal to enter into Preliminary Engineering. A detailed analysis was undertaken utilizing the VISSIM microsimulation software to simulate and evaluate the traffic and transit operations along the Broward Boulevard and SR 7 corridors.	1.1, 1.4, 2.1, 2.2, 3.2, 3.5, 3.6, 3.9	2006 Ongoing	P \$7,000,000
FDOT District One Amarilys "Amy" Perez 863-519-2913 amarilys.perez@dot.state.fl.us	General Planning Consultant, US 98 BRT Study. This study (being conducted by Jacobs staff) involves a feasibility study of bus rapid transit (BRT) along the US 98 corridor. The study limits are from Lyle Parkway to SR 540 (Winter Lake Road). The roadway is of rural character but turns urban through Highlands City. US 98 is the most appropriate corridor for multimodal applications in Polk County. A 2005 PD&E Study proposed a six-lane solution and an eight-lane alternative. There is currently a design project, which will implement widening to six lanes. Fort Fraser Trail is along the east side of US 98. The purpose of the BRT Study is to see if the current design precludes the implementation of a BRT system along US 98 and to provide a picture of potential bus applications based on the current design project. Preliminary determination of the study is that a BRT system could be incorporated into the US 98 corridor based on the six-lane interim design. The use of available technology at the time of implementation will improve safety and efficiency of the system. The project is proceeding on schedule.	1.4, 2.1, 2.2, 3.2, 3.3, 3.5	2010 2011	P \$100,000
FDOT District Seven and Tampa Bay Area Regional Transportation Authority (TBARTA) Bob Clifford, AICP 813-282-8200 bob.clifford@tbarta.com	TBARTA Regional Transportation Master Plan. In 2007, the FDOT partnered with TBARTA for the development of a Regional Transportation Master Plan. The Master Plan project, led by Jacobs, examined regional transit and congestion management needs for the movement of passengers and goods in a 6,000-square mile area of West Central Florida. The planning process included three technical phases to determine corridor and transportation mode choices that best met regional needs for mobility, as related to economic development, access to housing and jobs, and quality of life. Public and agency participation was proactive, broad-based, and intensive through stakeholder identification and engagement and included web-based interaction and polling, community workshops, speakers bureau presentations, telephone town halls and regional media. The planning process provided for a transportation network vision for the seven-county region with potential funding sources and a framework for coordinating with local land use agencies. Public involvement activities to date have reached out to audiences totaling nearly 60,000 attendees at 700 events. The award-winning* TBARTA Public Engagement and Education Program stands as a successful model, one that has set the new standard for citizen engagement for governments throughout our region. *Awards to date are the Florida Chapter of the American Planning Association's (FAPA) 2009 "Award of Excellence," Sun Coast Section of FAPA's 2009 "Distinguished Regional Project," Tampa Bay Partnership's 2009 "Chair's Cup for Excellence in Regionalism, Hillsborough County City-County Planning Commission's 2009 "Community Design Award in Public Participation, Tampa Bay Regional Planning Council's 2010 "Future of the Regional Award", and Hillsborough County City-County Planning Commission's 2010 "Community Design Award." Jacobs also convened TBARTA's Land Use Working Group, which provides guidance on the Master	1.1, 1.2, 1.4, 2.1, 2.2, 3.1, 3.2, 3.3, 3.5, 3.6, 3.7, 3.8	2007 2009	P \$2,600,000



Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
	Plan and opened a dialogue about coordinated regional policy approaches to land use in relation to transportation investment choices. The Working Group shared technical data on existing land use patterns, long-range land use plans and growth projections, provided valuable advice about key areas to connect across the region, and the potential for transit to affect development patterns. With the concurrence of this group, Jacobs developed criteria and identified significant regional activity centers and developed alternative scenarios for population and job growth in 2050. The project was completed on schedule, and the Master Plan was adopted on May 22, 2009.			
Tampa Bay Area Regional Transportation Authority (TBARTA) Bob Clifford, AICP 813-282-8200 bob.clifford@tbarta.com	TBARTA Regional Transportation Master Plan Update. In the fall of 2010, Jacobs was tasked to update the Regional Master Plan. This involves addressing the impact of changing federal air quality regulations, and updating the regional roadway and freight networks for the implementation of a regional transportation system in the seven-county TBARTA area. Activities include: <ul style="list-style-type: none"> Examining new transit plans, including High Speed Rail, Hillsborough Rail Alternatives Analysis, and Sarasota County Area Transit North-South Alternatives Analysis with corresponding corridor studies. Identifying a Regional Freight Network by examining freight corridors designated as Strategic Intermodal System (SIS) facilities and providing a Technical Memorandum documenting the methodology for identifying of a Regional Freight Network. Reviewing issues relating to air quality and making recommendations to meet the Environmental Protection Agency's regulation changes for ozone levels and providing a summary of the findings. Coordinating and participating in the telephone based town hall meetings, hosted by Hillsborough, Pasco, Citrus, Pinellas, Pasco, Sarasota and Manatee County Commissioners and the City Mayors of Tampa, Bradenton, and Clearwater Mayors and District 7 Secretary. Each night, 40,000 people were directly called and invited to participate in the large conference call style meeting. 	1.1, 1.2, 1.4, 2.1, 2.2, 3.1, 3.2, 3.3, 3.5, 3.6, 3.7, 3.8	2011 2011	P \$480,000
South Florida Regional Transportation Authority (SFRTA) William Cross 954-942-7245 crossw@sftra.fl.us	General Planning Consultant. Jacobs staff provided general transportation/transit planning services to SFRTA for a wide variety of tasks including system planning, station and site plan review. Services have included short and long-range transportation planning, transit facilities planning and development, alternatives analysis, major investment studies and station area/transit-oriented development. Jacobs also provided oversight, project control and management, financial planning and analysis, preparation of New Starts Reports, public involvement coordination, environmental analysis, preliminary project planning and conceptual site planning for a three-year term from August 2005 to December 2008. This contract was renewed in September 2009 for another three years.	1.1, 1.4, 2.1, 2.2, 3.1, 3.2, 3.3, 3.5, 3.6, 3.9	2005 Renewed in 2009/ Ongoing	P \$5,000,000 (maximum contract value); \$346,000 (fees to date)
Pinellas County MPO Heather Sobush 727-464-8200 hsobush@pinellascounty.org	Clearwater Transit/BRT (Bus Rapid Transit) Feasibility Study. This study developed, examined and recommended short and long-term strategies for connecting Clearwater Beach and Downtown Clearwater by transit. The selected alternative is a BRT operating in its own right-of-way over most of the alignment. Jacobs recommended the strategy of developing a Very Small Starts-eligible BRT project that will meet the needs of the community, is affordable and thus implementable in the near term. Jacobs' role included ridership estimation, BRT service development, station/facility requirements, operating and capital costs, and FTA compliance. The County approved the recommended concept, and Jacobs has developed project documentation for the project to be submitted for entry into the Very Small Starts program. The project was completed on schedule.	2.2, 3.3, 3.5	2010 Ongoing	S \$313,000
FDOT District One Arlene Barnes 863-519-2349 Arlene.Barnes@dot.state.fl.us	Central Florida Rail Traffic Evaluation Study. This study identified potential projects, improvements and strategies to address community concerns related to rail services in Polk County. The study identified potential impacts for increased freight rail operations, focusing on safety; increased travel delay and increased emergency service response time at highway rail grade crossings. A critical component of the study forecasted the future growth of freight rail train traffic to establish the baseline condition for the impact analysis at grade crossings. Mitigation strategies for investigation included improvements relating to rail traffic operations, rail infrastructure, roadway operations, safety, traffic	1.4, 2.1 3.2, 3.6, 3.7, 3.8	2008 2009	P \$133,000



Transportation Planning Services STATEMENT OF QUALIFICATIONS RFQ# 11-01

Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
	and quiet zones. Under the second analysis, area freight relocation and routing options were evaluated. Over 12 alternative routes ranging from 65 to 107 miles in length were explored for feasibility. The benefits and costs of these options were determined and evaluated. The third analysis involved the exploration of the increasing mobility options for commuters and residents along the I-4 Corridor. A variety of passenger rail solutions were investigated using existing freight rail rights of way and/or highway median. Alternatives included intercity rail services between Tampa, Lakeland and Orlando and commuter rail services from Lakeland to Tampa or Lakeland to Orlando. A significant stakeholder public outreach effort was conducted throughout the study process. This public engagement effort involved an on-going exchange of information between the project team and the public to appropriately identify solutions that are likely to garner public support. The project web site is www.fdotrailtrafficvaluation.com . The project's duration was from April 2008 to April 2009 and was completed on schedule and under budget.			
Lee County Transit Carmen Monroy 239-533-0332 cmonroy@leegov.com	LeeTran Transit Facility. LeeTran is expected to have 104 buses on the road by 2024 and needs to expand their administration, operations and maintenance center. With help from the Federal Transit Administration (FTA) and the FDOT, LeeTran sought a new location to include bus parking, an administration and operations building, a servicing building and maintenance shop, arranged in block form to evaluate the site circulation features and access from public roads. The most favorable site was analyzed for additional development to identify major areas within buildings, parking arrangements and building massing. Jacobs completed an Environmental Assessment (EA) for the site options, developed evaluation criteria, weighting factors for each criteria and then documented the results for each site. Requirements included a location within the LeeTran service area and the ability to house Administration, Operations and Maintenance offices, functions and facilities, and passenger transfer and customer service areas. The new facility is designed to accommodate anticipated growth in service, vehicle fleet and staff. The EA received a Finding of No Significant Impact (FONSI) in August 2006, taking only nine months. Follow-on work included refined site design, re-zoning application and assistance and property acquisition assistance.	1.4, 2.1, 3.1, 3.4, 3.5	2005 2009	P \$700,000
City of Tampa Jean Dorzback 813-274-8721 jean.dorzback@tampagov.net	Architectural/Engineering (A/E) General Services Contract. The scope of work for this multi-task contract provides for professional engineering and architecture support services for various tasks including, landscape architecture, architectural design services, transportation planning services, and engineering services on an as-needed basis. Tasks to date have included the following. Each task was completed on schedule. <ul style="list-style-type: none"> ▪ Fremont Linear Park. Jacobs prepared a cost estimate for roadway construction to allow vehicle access across Fremont Linear Park at Palmetto, Cherry, Pine, and Walnut Streets. The task examined permitting issues and utility impacts associated with the construction and included field work, utility data acquisition, and agency coordination. ▪ 17th Street Cost Estimate. Jacobs prepared a cost estimate for the reconstruction of 17th Street from Dr. MLK Jr. Blvd. to E. Lake Avenue. A separate cost estimate was prepared for constructing sidewalk along 17th Street. The task included field work, utility data acquisition, and agency coordination. ▪ Cost Estimate for Roadway Improvement Needs Supporting the Tampa-Hillsborough Rail Plan. Jacobs prepared a cost estimate for widening and enhancing various roadways to accommodate the Tampa-Hillsborough rail plan. The task included field work, utility data acquisition, and agency coordination. ▪ Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Program. Jacobs prepared grant applications for a program of projects submitted for the TIGER Grants Program through the American Recovery and Reinvestment Act (ARRA). The projects will immediately improve the City's economic recovery and competitiveness through the creation of jobs and improvement in residents' quality of life. ▪ Bruce B. Downs Blvd. and Regents Park Drive Intersection Improvements. Jacobs prepared signalization plans, structures plans and median 	1.4, 2.1, 3.4 3.5	2007 Ongoing	P Various task order fees \$6,000 \$4,000 \$19,000 \$35,000



Transportation Planning Services STATEMENT OF QUALIFICATIONS RFQ# 11-01

Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
	modification plans for the intersection in New Tampa. Plans were prepared for the City and included phasing to accommodate Hillsborough County's widening of Bruce B. Downs Blvd. Subsurface utility engineering and geotechnical engineering services were also provided.			
FDOT District Seven Elba Lopez 813-975-6403 elba.lopez@dot.state.fl.us	FDOT District 7 Strategic Regional Transit Needs. This contract involved the development of a regional transit plan for an eight-county region, including Tampa, St. Petersburg-Clearwater, Lakeland-Winter Haven, Sarasota-Bradenton, New Port Richey and Brooksville-Spring Hill. The project included a review of federal, state, and local regulations, policies, studies, and plans as input to early stages of the plan development, regional transit governance options, providing alternatives and recommendation and refinement of future transit corridors, and demand modeling, including review, coordination, transit coding, and alternatives testing with the West Central Florida Regional Planning Model. The project also included assessing financing options and conducting economic assessments of proposed transit corridors. The project was completed on schedule. It was awarded the "Future of the Region Award" by the Tampa Bay Regional Planning Council in 2007.	1.1, 1.4, 2.1, 2.2, 3.1, 3.2, 3.3	2005 2007	P \$1,200,000
Subconsultant Partners' Clients and Projects				
Broward Metropolitan Planning Organization (MPO) Gregory Stuart 954-876-0035 stuartg@browardmpo.org	Broward County 2035 Long Range Transportation Plan (LRTP). AECOM was involved with a team led by Jacobs Engineering in performing the 2035 update of the Long-Range Transportation Plan (LRTP) for Broward County (Ft. Lauderdale) in Southeast Florida. The AECOM modeling team performed the deficiency analysis and needs assessment with the goal of guiding the County's transportation decisions for the next 25 years and helping build sustainable communities and improve mobility of people and goods. Work tasks included preparing the lists of highway and transit needs in the County for year 2035 with an emphasis on a balanced, multi-modal transportation system. The modeling work involved coding alternatives and running the Southeast Florida regional travel demand model (SERPM version 6.5) in order to identify the travel demand and how well the demand is being served by the transportation supply. Apart from these modeling tasks, the AECOM financial team also performed the highway and the transit financial plans for the LRTP. AECOM developed the financial feasibility report for revenue projections.	1.1,2.1,2.2, 3.1,3.2,3.9	2008 2010	S AECOM fee \$195,000
Florida Department of Transportation, District Four Scott Seeburger 954-777-4632 scott.seeburger@dot.state.fl.us	South Florida East Coast Corridor Study, Phase III. AECOM is part of a team led by RS&H responsible for providing services for Phase III of the South Florida East Coast Corridor (SFECC) Study. The project is an 85-mile commuter rail line with service operating on both CSX and FEC lines. The rail line connects the downtowns of West Palm Beach, Boca Raton, Ft. Lauderdale, Hollywood and Miami with population centers along South Florida. AECOM has five key roles on this project: (a) managing and performing all travel model development and application tasks, (b) managing and performing all rail simulations and operations planning, (c) managing all tasks related to FTA's New Starts process, (d) leading the cost-benefit and economic impact analyses and (e) performing station area planning services for the projects' 30 stations.	1.1,2.0,2.1, 3.5,3.6,3.9	2010 Ongoing	S AECOM fee to date: \$950,000
Hillsborough Area Transit Authority Mary Shavaliar 813-449-4719 ShavaliarM@gohart.org	Northeast and West Corridors Alternative Analysis. AECOM is part of a multi-faceted team assisting the Hillsborough Area Regional Transit Authority with an Alternatives Analyses of the Northeast and West Corridors. AECOM's initial role was reviewing the existing Tampa Bay regional travel model vis-à-vis FTA's New Starts criteria. AECOM's auxiliary roles have been to assist with development of the alternatives and the purpose and need. The model review and subsequent discussions with the FTA concluded that the existing model was inadequate to properly evaluate the expected range of alternatives. Consequently, AECOM led a subsequent model development task that resulted in a travel model capable of producing New Starts forecasts for mixed-mode alternatives. AECOM developed the new transit model, including a new mode choice model, and providing expertise to another consulting firm developing the time-of-day functionality. As a part of the AA study, AECOM provided ridership estimates and performed user benefit analysis of the multiple alignments of the Light Rail and BRT alternatives both in the Northeast and the West Corridors. AECOM also developed the station-to-station travel times of all the corridor alignments and was involved in developing underlying bus plans and rail operations.	3.2,3.5,3.9	2009 Ongoing	S AECOM fee to date: \$485,000



Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
FDOT District Four Shi-Chiang Li 954-777-4655 shi-chiang.li@dot.state.fl.us	Mobility in western Broward and Palm Beach Counties, University Drive Connection Study. For this study, AECOM analyzed the traffic impacts if the University Drive Connection were removed from the long-range plans of Palm Beach and Broward Counties. The University Drive Connection would be the only roadway connecting northwest Broward County with southwest Palm Beach County. The annexation of southwest Palm Beach County by Broward County was dependent on the removal of the University Drive Connection. Key tasks included: reviewing all land use and network assumptions with the technical advisory committee, developing the background transit networks that were consistent with Palm Tran and Broward County Transit's long-range plans, performing all model runs, producing easy-to-understand visual graphics for the policy committee and contributing insight and experience to both committees. A distinct characteristic of this politically sensitive study was the need to develop, code, run, analyze and present 18 alternatives within 60 days.	2.1,2.2,3.1, 3.2,3.5,3.9	Jan 2008 May 2008	S AECOM fee: \$75,000
FDOT District Four Shi-Chiang Li 954-777-4655 shi-chiang.li@dot.state.fl.us	Travel Demand Model Development. AECOM was engaged as a subconsultant to support the development of the latest version of the Southeast Florida Regional Planning Model (SERPM) in CUBE Voyager. SERPM model is used for a variety of regional highway and transit oriented planning and design studies in Miami, West Palm Beach and Fort Lauderdale areas. Our major role in this project was to develop a transit model consistent with the Federal Transit Administration (FTA) New Starts guidance and best practice using Cube Voyager's PUBLIC TRANSPORT (PT) and TRNBUILD modules. The role included substantial research into the nuances of PT's access connector generation routines, multi-pathing abilities, and overall consistency with FTA New Starts guidance. Several meetings with Citilabs and FTA were held during the project development.	2.1,2.2,3.2, 3.5,3.9	2005 2008	S AECOM fee: \$335,000
FDOT District Four Scott Seeburger 954-777-4632 scott.seeburger@dot.state.fl.us	Economic Impact Assessment of Florida's Scenic Highway. AECOM prepared a financial plan proposed transit improvements in the I-595 corridor in Ft. Lauderdale. This analysis included a long-term sources and uses of funds analysis that integrated projections of expenses and revenues, both capital and operating and examined alternative project implementation schedule, funding sources, and financing structures. The analysis was presented to regional stakeholders and provided part of the foundation for initiatives toward a November 2006 referendum seeking a dedicated sales tax to support transit improvements.	3.2,3.5,3.9	2005 2005	S AECOM fee: \$50,000
FDOT District Four Gus Schmidt 954-777-4629 gus.schmidt@dot.state.fl.us	SR 7 Express Bus Project Development and Environmental (PD&E) Studies. Clary Consulting, LLC (CCL), is currently engaged in a study to examine the options and feasibility of express bus service on SR 7 in Broward and Palm Beach Counties. CCL is providing the financial feasibility analysis and integrating this into the Federal Transit Administration requirements for the Small Starts and New Starts process.	1.1, 1.4, 2.1, 3.1, 3.2, 3.4	2011 2013	S \$413,000 (Maximum contract value)
FDOT District Four Gus Schmidt 954-777-4629 gus.schmidt@dot.state.fl.us	Glades Road (SR 808) Busway PD&E Study in Palm Beach County. CCL is providing the financial feasibility analysis and integrating this into the Federal Transit Administration requirements for the Small Starts and New Starts process.	1.1, 1.4, 2.1, 3.1, 3.2, 3.4	2011 2013	S \$230,000 (Maximum contract value)
Miami-Dade Expressway Authority (MDX) Pamela Leslie General Counsel, MDX 305-637.3277	Miami Intermodal Center Central Station Operations Agreement Development. CCL is providing direct project support through the General Engineering Consultant contract to develop and negotiate the transfer of the MIC Central Station operations to MDX.	1.1, 1.4, 2.1, 3.1, 3.2, 3.4	2010 2011	S \$85,000 (Work Order Based Tasks)
Virginia Department of Rail and Public Transportation (VDRPT) Amy Inman 804-225-3207 Amy.inman@drpt.virginia.gov Greater Richmond Transit Company Larry Hagen, AICP 804-474-9345 lhagin@ridegrtc.com	Greater Richmond Transit Company On-Board Survey. Connetics (CTG) staff began by effort by targeting a need for 3,000 completed surveys. We worked with a local temp employment agency and secured staff to administer the survey. CTG staff developed a survey schedule that targeted 50% of GRTC's weekday bus-hours. A pre-test was completed and the survey questionnaire was revised based on findings from the pre-test. The questionnaire asked riders for information about their current trip and demographic characteristics. The survey was conducted over a 3-week period, with CTG staff on-site to supervise surveyor personnel. Over 4,400 surveys were collected. Survey responses were entered into an Excel spreadsheet. Survey responses were expanded on the basis of APC data and farebox data to represent system	2.2, 3.2	2009 2010	S \$96,621



Transportation Planning Services STATEMENT OF QUALIFICATIONS RFQ# 11-01

Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
	ridership. Trip origins, destinations, and rider boarding and alighting responses were also geocoded. Through an on-call consultant contract with the VDRPT, CTG was hired to complete an on-board survey of GRTC transit rides. Results of this survey are to be used in the development of a mode choice model for the Broad Street Corridor BRT project.			
VDRPT Amy Inman 804-225-3207 Amy.inman@drpt.virginia.gov	<p>Transit Development Plans For Various Virginia Transit Agencies. The State of Virginia now requires transit agencies to complete and submit a transit Development Plan (TDP) as a condition for state funding assistance. The VDRPT is providing technical assistance through its on-call consultant staff for small and mid-sized transit agencies. CTG is one of the on-call consultants (VDRPT GPC) and prepared TDPs for their local transit agencies. Key tasks completed for each TDP include:</p> <ul style="list-style-type: none"> ▪ An evaluation of existing ridership, service and financial performance characteristics ▪ A peer review comparison with similar-sized transit systems ▪ A transit opinion survey that has been administered to riders ▪ Public outreach efforts to garner input from key stakeholder groups ▪ Development of goals, objectives and performance standards ▪ Identification of transit service and facility needs (Needs Plan) ▪ An operations plan that describes how fixed route and demand response services are intended to be modified over the TDP period (Cost Feasible Plan) ▪ A capital improvement program that describes capital programs required to carry out operations and services set forth in the TDP operating plan ▪ A financial plan that demonstrates how the operator plans to provide a sustainable level of transit service over the TDP planning period <p>Work completed for the Greater Lynchburg Transit Company and for Charlottesville Area Transit was expanded to include a more detailed analysis of existing ridership, development of route profiles and specific route alignment and service frequency recommendations. An extensive analysis of existing service characteristics and potential service modifications was also completed under this contract for "The George" in Falls Church, VA.</p>	2.2, 3.2	2008 Ongoing	S \$1.1 million to date
Central Florida Regional Transportation Authority (LYNX) Tony Walter 407-254-6009 twalter@golynx.com	<p>LYNX General Planning Consulting. In 1994, while employed under Manuel Padron & Associates, CTG staff was selected by LYNX as its General Planning Consultant. We performed numerous tasks under this contract from 1994 to 1998, including a Comprehensive Operations Analysis (COA) that established a ten-year service improvement plan that has guided LYNX' growth. In 1999, our staff was again selected by LYNX to serve as its GPC. Under this current multi-year contract, we have completed the following work order tasks:</p> <ul style="list-style-type: none"> ▪ LYNX Regional Service Development and Funding Plan FY 2000-2004 ▪ Comprehensive Operations Analysis (COA) ▪ LYNX Operations & Maintenance (O&M) Cost Model ▪ LYNX Transit Preference Corridors Study. ▪ LYNX Point/Route Deviation Service Development Assistance. ▪ Review of Orlando Urban Area Transit System (OUATS) Transit Network Assumptions ▪ Northwest Corridor Commuter Rail Feasibility Study ▪ LYNX On-Board Passenger Survey ▪ Comprehensive Assessment of LYNX Paratransit Services ▪ LYNX Central Station (LCS) Implementation ▪ LYNX Bus Stop Standards Manual 	2.2, 3.2	1994 2008	P \$562,685
LYNX Tony Walter 407-254-6009 twalter@golynx.com	<p>LYNX Comprehensive Operations Analysis and Implementation Plan. While employed under Manuel Padron & Associates, CTG staff prepared a Comprehensive Operations Analysis (COA) for LYNX in Orlando, Florida. This COA is unique in that it is a 15-year plan. Recommendations in the Near-Term Plan (1-3 years) focus on improving service effectiveness and efficiency on a system and route level basis. Recommendations in the Long-Range Plan (10-15 years) reflect a substantial restructuring and stratification of transit services in the Central Florida region, with high levels of service along select major arterial roadways, regional services to major destinations, and local services that connect at various existing and proposed transit centers. Work tasks included:</p>	2.2, 3.2	2005 2007	P \$324,112



Agency/Contact Person/Telephone/Email	Project Name and Brief Project Description	Relevant UPWP/ Category	Start and End Dates	Prime (P) or Subconsultant (S) and Professional Fee
	<ul style="list-style-type: none"> Staff and Public Input Data Collection Fieldwork Existing Service Evaluation Latent Demand Analysis Recommendations <p>After completion of the COA, CTG develop an implementation plan of service initiatives identified in the COA, separated out by year (i.e. year one, year two, etc.) and by jurisdiction (city and county). Additionally, the COA identified several service improvement initiatives that are linked to other improvements or would be required to be implemented jointly. This effort identified service initiatives that were required to be implemented jointly, and which improvements would be impacted by modifications noted above. This plan identified the impacts to existing service, service routing, interline combinations, transfer connections, service headways, service period definitions (e.g., peak period service hours), detailed annual O&M and capital cost implications.</p>			
DART Steve Salin 214-749-2828 ssalin@dart.org	DART General Planning Consultant. CTG staff has been part of a corporate team for two consecutive General Planning Consultant contracts with Dallas Area Rapid Transit (DART). The following task orders have been completed or are currently under contract: <ul style="list-style-type: none"> DART O&M Cost Estimation Model Love Field Alternatives Analysis Rowlett Line Extension PE/EA Northwest/Southeast Before and After Study Operating Plan Documentation DART System Impacts Analysis Service Expansion Analysis Cotton Belt PE/EIS Tiger Streetcar EA/PE South Oak Cliff Extension 	2.2, 3.2	2006 Ongoing	S \$487,000 to date
Broward League of Cities Rhonda Calhoun, Exec. Dir. 954-357-7370 bloc@bellsouth.net	Generate publicity and community-based awareness for the work and mission of Thisnon-Partisan, non-profit organization comprised of elected officials from Broward County's 31 municipal governments including a Broward County representative. Included implementing publicity campaign against Florida Hometown Democracy Land Use Amendment 4.	1.4	2009 ongoing	P PGPR fee \$51,600 annually
Broward Public Library Foundation Dorothy Klein 954-357-7469 dklein@bplfoundation.org	PGPR led the publicity and community outreach campaign to generate support for the \$139.9 million Library Bond Issue in 1999. The referendum ultimately was approved by 72% of voters.	1.4	1998 1999	P PGR fee \$ 25,000
City of Parkland and Waste Management Caryn Gardner-Young, City Mgr. 954-753-5040 cgardneryoung@cityofparkland.org	Introduced single-stream recycling to Broward County on behalf of the City of Parkland and Waste Management by writing informative fact sheets, creating and designing collateral materials, creating a newsworthy event and generating publicity. Waste Management was the PGPR client.	1.4	2008 2009	P PGR fee N/A
Hillsborough Area Regional Transit Authority (HART) Sharon Dent, (Past) Executive Director 501-655-4103 skpdent2000@yahoo.com	Tim Borchers (currently City Rail Solutions), as HART Manager Streetcar Services, was responsible for the initial start up and then day-to-day operations and maintenance of HART's TECO Line Streetcar System. As Manager, Mr. Borchers was responsible for reporting to the Board, coordinating with community organizations, operational and maintenance design, training curriculums and regulatory compliance. He prepared initial design for the recently completed system extension.	3.2, 3.3, 3.9	2002 2008	P CRS fee N/A
American Public Transportation Association (APTA) Martin Schroeder, Chief Engineer 202-496-4885 mschroeder@apta.com	Tim Borchers (CRS) was elected by APTA as a technology presenter at the 2010 and 2011 Rail Conference to report on the current development of hybrid/wireless streetcar technologies, how this may apply in North America and hybrid streetcar vehicle design and availability.	3.2, 3.3, 3.9	2010 2011	P CRS fee N/A



In addition to our relevant Florida project experience, team member John Kulpa, PhD, is leading a team of transit planning professionals and architects in a series of assignments to develop transit services for VIA Metropolitan Transit located in the San Antonio, Bexar County, Texas area. Key tasks include the development of a 2035 system plan which could include various transit modes including Bus Rapid Transit, streetcar, light rail, express buses and HOV/HOT lanes on freeway segments; the development of an initial starter segment feasibility study for a fixed rail streetcar system in the downtown core of San Antonio, and an evaluation of current paratransit services in Bexar County operated by VIA.

In Oklahoma City, Jacobs prepared a fixed guideway study that included recommendations on streetcar and other fixed rail system potential within the city. This effort formed the basis of a funding initiative passed by the voters in Oklahoma City in December 2009 that included \$120 million for implementing a downtown streetcar system in Oklahoma City. Subsequently, Jacobs is leading the Alternatives Analysis effort on a downtown streetcar circulator system that will connect the downtown to key neighborhoods such as Bricktown, the Oklahoma City Memorial, Deep Deuce, the arts District and the Oklahoma Health Center. Jacobs is working with City staff for a major downtown street improvement program to minimize utility conflicts along potential streetcar routes as the streetcar studies move through the AA/NEPA process and into project development. Jacobs is coordinating these efforts with the Federal Transit Administration with the intent of submitting a request to enter into project development for the streetcar project in September 2011.



Chapter 4 Personnel/Resumes

Jacobs' resumes are provided on the following pages in alphabetical order following Project Manager Vikas Jain's resume. These are followed by each of our subconsultant partner's team resumes.

I attest the information provided on the following resumes is true and factual to the best of my knowledge.

SECTION 15 PERSONNEL

For all principals of the Offeror and key personnel providing services sought in the RFQ, provide a detailed resume indicating that individual's areas of expertise and experience. Resumes must be provided in the following format, however, additional information may be provided at the option of the Offeror.

- A. Name and Title
- B. Years Experience with:
 - This Contractor:
 - With Other Similar Contractors:
- C. Education:
 - Degree(s):
 - Year/Specialization:
- D. Professional References: (List a minimum of 3)
- E. Other Relevant Experience and Qualifications
- F. List specifically the number of crew members that will be assigned to provide services, if awarded the Contract, and identify their respective tasks.
- G. Attach applicable licenses for each individual performing Services pursuant to this Contract.
- H. If applicable, attach documentation demonstrating Offeror's status as a disadvantage business entity (DBE) and documentation demonstrating the DBE status of any proposed subcontractors and subconsultants.

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

By:

Signature

Paul F. Wagner, Vice President
Jacobs Engineering Group Inc.

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A - Name and Title

Vikas Jain, AICP, GISP
Project Manager

B - Years of Experience

Jacobs: 6 years
Other: 4 years

C - Education

M.S., City & Regional
Planning, Clemson
University, 2003

M.S., Planning, CEPT
School of Planning, 2000

B.S., Construction
Technology, School of
Building Science &
Technology, CEPT, 1998

D - Professional**References**

Wilson Fernandez,
Transportation Systems
Manager, Miami-Dade MPO,
(305) 375-1886

Khalilah Ffrench, Project
Manager, FDOT District
Four, (954) 677-7898

Larry Foutz, Transportation
Systems Manager, Miami-
Dade MPO, (305) 375-1522

F - Number of Crew**Assigned**

N/A

G - Registrations**(See Attached)**

Certified GIS Professional,
(00057880), 2008

American Institute of
Certified Planners, (020097),
2005

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

During the past 10 years, Mr. Jain has worked on several large scale complex transportation planning and regional land use planning projects in the U.S. and India. He has managed the technical aspects of motorized and non-motorized projects such as bikeway/sidewalk and transit feasibility studies, corridor studies, traffic impact studies, and site suitability studies for transit projects. He has extensive experience in developing long-range multimodal transportation and transit system plans, transit service plans, transit operations analysis, and capital cost and O&M cost models. He has effectively integrated Geographical Information Systems (GIS) and travel demand forecasting software data for socio-economic, land use, and demographic analysis to aid the team in preparing environmental assessments and impact statements under National Environmental Policy Act (NEPA) guidelines. He has led and provided technical support in public information campaigns. Mr. Jain is proficient with GIS based software, including ArcGIS and ArcView and database analysis software such as SPSS. He also has experience with software like ERDAS IMAGINE and TransCAD, Cube Voyager, used for land use change detection, spatial analysis and transportation modeling.

Broward MPO 2035 LRTP, Broward MPO, Task Manager. Responsible for developing the data compilation and review report, the needs plan project list and assessment, and, ultimately, working with stakeholders to build the fiscally-constrained cost feasible plan. Jacobs developed a LRTP that includes short- and long-range strategies and actions leading to the development of an intermodal transportation system. The plan encompasses multimodal components that include highways, mass transit, pedestrian facilities, bikeways, waterborne and freight transportation.

I-595/Central Broward East-West Transit Alternatives Analysis/DEIS, Fort Lauderdale, FDOT District Four, Planner. Selected by FDOT District Four to lead the next phase of the Central Broward East-West Transit Analysis project. It includes preparation of a Draft Environmental Impact Statement for a 20-mile light rail line. Other major tasks in the project include identification of 16 station locations, conceptual engineering, evaluation of Minimum Operable Segment alternatives, and preparation of a New Starts submittal to enter into Preliminary Engineering. A detailed analysis was undertaken utilizing the VISSIM microsimulation software to simulate and evaluate the traffic and transit operations along the Broward Boulevard and SR 7 corridors.

Broward County Transit (BCT) Maintenance Facility Location Study, Broward County, FDOT District Four, Planner. Under the FDOT District Four Districtwide General Planning Consultant-Growth Management contract, Jacobs assisted BCT in the identification of potential sites for BCT maintenance activities, performed a preliminary site evaluation criteria, and initial screen evaluation. As part of the study, Jacobs outlined the project justification, developed preliminary evaluation criteria, identified initial facility site candidates, and performed preliminary evaluation (Screen One Results). The project resulted in a set of alternatives to be carried for further investigation (Screen Two). This study provided a fresh look at Broward County in determining potential future BCT maintenance facility sites.

Strategies for Integration of Sustainability & the Transportation System, Miami-Dade County, Deputy Project Manager. Responsible for the developing sustainable transportation scenarios and methodology for evaluating transportation strategies using Southeast Florida Regional Planning (SERPM) model. The focus of the project was to accommodate future travel needs in Miami-Dade County using travel demand management strategies.

Strategic Regional Transit Plan South Florida, Regional Transit Authority (SFRTA), Planner. Retained by SFRTA to develop 2030 regional transit plan for south Florida. Evaluated transit projects and networks using spreadsheet based models; developed methodology for analyzing travel patterns and land use relationship using GIS and Cube Voyager in Broward, Palm Beach, and Miami-Dade Counties; capital cost and O&M cost estimation. Developed a GIS model to predict viability of different levels of transit investment for different population and job densities. Recommended three alternative networks (Connective, Productive, Value) for south Florida region.

Near Term Plan for Improved Transportation Services, Miami-Dade County, Project Manager. Responsible for the designing and developing a public information campaign for marketing and promoting transit services in Miami-Dade County. Elements of the public information campaign included marketing brochure, webpage, and a 30-second video appropriate for Public Service Announcement (PSA)/TV spot.

Pinellas County Alternatives Analysis Study, FDOT District Seven, Task Manager. The project is an Alternatives Analysis (AA) study to identify a premium transit corridor in Pinellas County that connects major activity centers in the County and provides regional connection to downtown Tampa and Tampa International Airport. Conducted travel market analysis; assisted with developing methodology for tiered-screening approach for evaluating alternatives; developing capital cost model for BRT, LRT, and commuter rail technologies; and ridership forecast.

SR 7 Fast Bus, Phase II, Fort Lauderdale, FDOT District Four, Planner. Studying the potential implementation of a fast bus system along SR 7 in Broward County, Florida

Bikeway Feasibility Study, City of Tamarac, Planner. Under our general engineering contract, Jacobs is conducting a feasibility study for possible bikeways in the City. We will assess the existing conditions and identify potential economic benefits for the City that may result from the implementation of a bikeway system. As part of the study, we conducted a community workshop to get citizen input to determine need, possible locations, and potential costs of various locations and pathways.

Area-wide Development of Regional Impact (DRI), Town of Davie Planner. Retained by the Institute for Community Collaboration on behalf of the Town of Davie to complete the transportation analysis for an area-wide DRI. The area of interest is a 904-acre transit-oriented redevelopment. In addition to developing trip generation tables that account for internalization and pass-by trips, Jacobs identified appropriate trip reduction factors for the development of the area due to its focus on transit as the primary mode of travel. For example, allowing vehicle trip credit for the installation of transit shelters. A draft of the transportation methodology is complete and the project is awaiting a pre-application meeting to progress.

Golden Glades Interchange Intermodal Facility, Bus Bay Analysis, FDOT District Six. Transit Planner. Tasked to evaluate the proposed bus terminal facility design at Golden Glades Interchange and calculate the number of berths required at the terminal based on existing and future transit service plan.

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

Vikas Jain

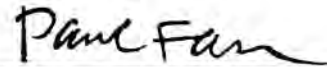
as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: 020097

August 1, 2005



PRESIDENT



EXECUTIVE DIRECTOR



This certifies that

Vikas Jain

*has met the minimum standards for ethical conduct and professional practice as established by the
GIS Certification Institute for recognition as a*

**Certified Geographic Information Systems (GIS)
Professional (GISP)**

and is therefore entitled to all the rights and privileges thereunder.

*This grant of certification shall expire or be deemed inactive on 2/25/2013
unless, by that date, the individual shall have successfully completed recertification.*

Certification Number 00057880 Date Certified 2/25/2008

*Bruce Joffe, GISP
GISCI President*

*Scott Grams
GISCI Executive Director*

A - Name and Title

Christopher P. Ahern, EIT
Seaport Planning

B - Years of Experience

Jacobs: 1 years
Other: 11 years

C - Education

M.B.A. Moore School of Business, University of South Carolina, Columbia, SC, 2010

B.S., College of Engineer, Environmental Engineering Sciences, University of Florida, Gainesville, FL, 1999

D - Professional References

Joe Bryant, P.E., Vice President of Terminal Development, SCSPA, (843) 577-8611

Bruce Laurion, P.E., Chief Engineer, TPA, (813) 905-500

Michael Horrigan, A.I.A., Director, Mourjan-IGY Marinas, Dubai, U.A.E.+971-4-449-8400

F - Number of Crew Assigned

N/A

G - Registrations (See Attached)

Engineering Intern, Florida (1100005377), 1999

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Ahern is an experienced project and program manager for a variety of waterfront development and water resources projects. He uses his high degree of professionalism and integrity to build relationships and effectively manage projects to minimize risk and manage effective project teams.

Tampa Port Authority (TPA) General Engineering Consultant (GEC).

Assistant Project Manager for all work orders performed in support of TPA Engineering and Operations. Current work orders include modification of fenders at cruise terminal berth 267 through 273, inspection of wooden piles for walkway structures and structural assessment of marine structures at Berths 208 through 211. GEC contact also supports TPA Environmental permitting, Transportation Planning in support of Tampa Bay Area Regional Transit Authority (TBARTA) and architectural services. (2010-current)

Development Manager for Island Global Yachting, Dubai, United Arab Emirates International.

Mr. Ahern served as the primary point of contact and client relations manager for Nakheel, Dubai-based developer of Palm Jumeirah, and other reclaimed island developments. He was responsible for the implementation of Nakheel-IGY Master Development Agreement (MDA) to exclusively provide marine development concepts, preliminary design, detailed design and ultimately construction management services similar to a "turn-key" project approach for all Marine Boating facilities at all of Nakheel's developments. (2006-2008) Specific responsibilities as Development Manager include:

- Coordinated resources of up to 12 Development Team staff and consultants to maintain progress against stated milestones and conformance to established protocols;
- Monitored monthly Development Services billings relative to progress in annual revenue projections. Oversight of project deliverable preparation for quality management and compliance with Nakheel-IGY MDA;
- Implementation and oversight of internal procedures to identify, evaluate and ultimately select consultants and Contractors for award;
- Review of progress payment applications approved by Development Staff before recommendation for Payment to Nakheel; and
- Participation and management of analysis for in IGY Deal Teams for international development and investment projects in Europe, Easter, African Coast, India and Middle East.

Charleston Marine Container Terminal at Charleston Naval Complex (CNC).

Project Manager of engineering feasibility study for South Carolina State Ports Authority (SCSPA) to evaluate berth alignments and wharf construction alternatives to minimize dredging requirements. Program Manager responsible for coordination and management of all for NEPA Support Services Contract with SCSPA to support development of EIS and other decision documentation for the United States Army Corps of Engineers, Charleston District. Responsible for the production and distribution of the Draft EIS in July 2005, as well as establishment and execution of Agency and Public Outreach Program.

Charleston Harbor Total Maximum Daily Load (TMDL) for Dissolved Oxygen. Project manager for hydrodynamic and water quality data analysis to evaluate proposed reduction in NPDES permit loads for various discharges in Charleston Harbor. Evaluation of accumulated data and recommendations to Cooper River Users Group, an industry group evaluating the proposed reductions in permitted loads. Prepared estimates for the capital improvements required for Charleston Harbor users to achieve load reductions proposed by State and Federal Resource Agencies.

Savannah Harbor Expansion Project (SHEP). Mr. Ahern performed a variety of roles for the Georgia Ports Authority's effort to evaluate impact of a proposed deepening of the Savannah River Federal Navigation Channel from 42 ft MLW to a depth of 48 ft MLW. (1997-2003) He started on the project as an intern performing field services, and eventually serviced as a project manager presenting results from data analysis and modeling results:

- Project Manager for the analysis and presentation of accumulated data from 96 day continuous hydrodynamic and water quality monitoring event during summer 1999. Responsible for the preparation of documentation summarizing results of 3-D Model Calibration and predictions of impacts resulting from alternative depths for deepening of the Savannah River Navigation Channel;
- Field Data Collection Manager for continuous monitoring events during the summer of 1999. Task Manager for creation of input files for 3-D Hydrodynamic and Water Quality Computer Model of the Lower Savannah River Estuary; and
- Field Services Technician responsible for four boat crews executing preliminary continuous monitoring plan to support calibration of 3-D model.

Stormwater Engineer for the Town of Port Royal, SC. Mr. Ahern was responsible for on-call services to the Town of Port Royal, SC related to stormwater management and drainage improvement projects. Analyzed drainage issue reports and submitted recommendations to Town for corrective actions. Review of bid packages for major works including drainage improvements, reestablishment of hydroperiod in impacted freshwater wetlands and design and construction drawings were distributed. Mr. Ahern also maintained anticipated capital works budget for stormwater management and drainage improvement.

Stormwater Ordinance Development Support for Beaufort County, SC. Project Manager for the review of accumulated technical resources regarding environmental impacts of stormwater entering estuarine environment. Coordination with State resource agencies and USEPA regarding studies performed to date on upland development impacting water quality. Drafting ordinance language and presentations to Beaufort County Council to adopt proposed language as a County ordinance.

Agitation Dredge Impact Evaluation Study, Savannah, GA. Mr. Ahern was the Project Manager for study by USACE Savannah District, Georgia Ports Authority (GPA) and Savannah River Users Group to evaluate the impacts to water quality resulting from sediment plume during agitation dredging operation. Agitation dredging is common berth depth maintenance technique in Savannah Harbor. Agitation dredging methods include I-Beam dragging and 12" hydraulic dredging with sidecasting proposal into Savannah River Federal Navigation Channel.

DBPR - AHERN, CHRISTOPHER PARKER, Engineering Intern

Page 1 of 1

2:34:31 AM 6/20/2011

Licensee Details

Licensee Information

Name: **AHERN, CHRISTOPHER PARKER (Primary Name)**
(DBA Name)
Main Address: **1920 HAWAII AVENUE NE**
ST. PETERSBURG Florida 33703
County: **PINELLAS**
License Mailing:
LicenseLocation:

License Information

License Type: **Engineering Intern**
Rank: **Eng Intern**
License Number: **1100005377**
Status: **Current,Active**
Licensure Date: **06/24/1999**
Expires:

Special Qualifications Qualification Effective

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850.487.1395

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JACOBS

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A – Name and Title

Ned Baier, AICP

Transportation Improvement
Program Task Lead;
Quality Assurance/Quality
Control for other disciplines

B - Years of Experience

Jacobs: 1 year
Other: 23 years

C - Education

B.S., Community & Regional
Planning, Minor Political
Science, Iowa State
University, 1984

Continuing Education:
Master courses
Transportation, University of
South Florida, Center for
Urban Transportation
Research (CUTR)

D - Professional References

Robert Campbell, PE,
Division Director
Hillsborough County
Development Review
Division, (813) 272-5920

Beth Alden, AICP, Manager
Multi-Modal Transportation
Planning, Hillsborough
County MPO,
(813) 272- 5940

Louis E. Miller, Aviation
General Manager/CEO,
Department of Aviation,
Hartsfield-Jackson Atlanta
International Airport,
(813) 466-9856 cell

F - Number of Crew Assigned

N/A

G - Registrations (See Attached)

American Institute of
Certified Planners, 1998,
#111230

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Baier brings 23 years of experience in local government and MPO transportation planning. His experience in people and cross-functional management, facilitation and communication, and MPO/transit/local government make him a strong project leader. Mr. Baier brings skill in technical analysis, public participation, agency and policy board coordination. He also allocated transportation planning and development review section resources and provided for project management. He has developed scopes of work and managed consultant selection processes, and managed and guided professional consultants, engineers and planners on a multitude of projects, including the Hillsborough County Capital Improvement Element, Concurrency Annual Report, Transportation Corridor Preservation Plan, Constrained Roads Study, Regional Water Ferry Proposal for Federal earmark, Truck Route Plan, and a Multimodal Transportation District.

General Planning Consultant (GPC), Hillsborough County Metropolitan Planning Organization (MPO), Hillsborough County, Florida. Services provided under this multi-task contract have included the Long Range Transportation Plan (LRTP) Update Phase 1 for costs, revenues, technologies, focus groups, and technical memoranda; Water Ferry Planning Phase 2 for cost, ridership, revenues, partnership coordination; and LRTP Phase 2.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan Update, TBARTA, Tampa Bay, Florida, Task Manager. Elements include transit, freight, roadway, air quality, public engagement, electronic town hall meetings, agency coordination, and MPO coordination in the seven-county region. Managing completion of technical memoranda and assisting through the adoption process with TBARTA Board and committees.

GPC, Sarasota/Manatee MPO, Sarasota/Manatee MPO, Sarasota and Manatee Counties, Florida, Project Manager. Services under this GPC start in July 2011. Projects anticipated include: Developing multi-modal transportation plans for the U.S. Highway 41 corridor; developing a bicycle and pedestrian master plan; implementing telephone town hall technology and other public engagement techniques; and providing policy planning and support for regional planning activities.

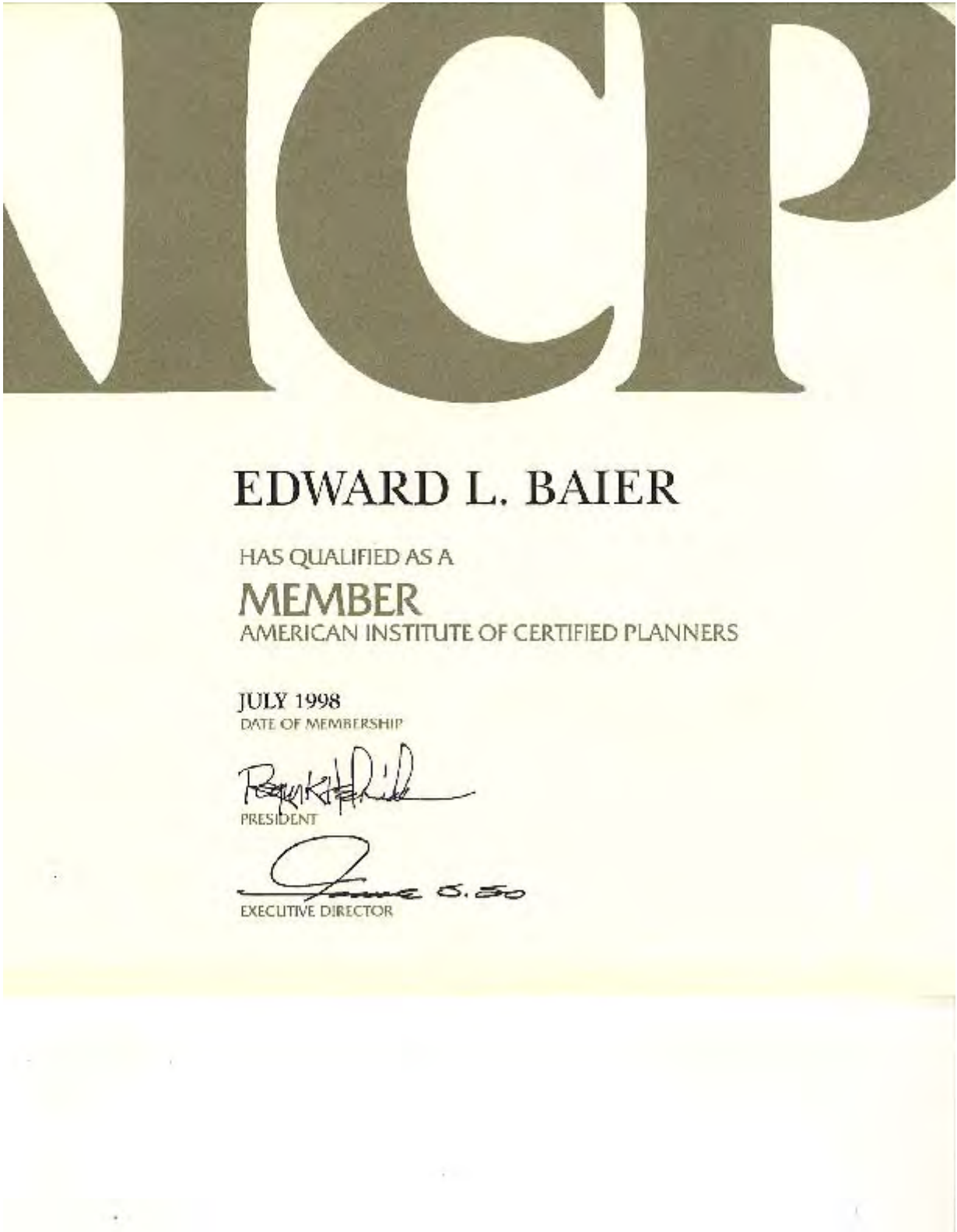
Hillsborough County Planning & Growth Management (PGM) Department, Transportation Division, Hillsborough County, Florida, Section Manager/Transportation Planning. Managed, coordinated and monitored the PGM Transportation Planning Division. Responsible for planning, policy analysis and grant funding for transportation capital projects and programs. Primary planning staff liaison with MPO, Hillsborough Area Regional Transit (HART), Tampa-Hillsborough Expressway Authority, Hillsborough County Aviation Authority, TBARTA, and transportation management organizations. Includes:

- **Hillsborough County Transportation Task Force (2008-2010), HART Alternative Analysis (AA) (2009-2010), Hillsborough County Referendum (2010).** Provided staff support to County Administration for Task Force. Developed agenda items, technical analysis, policy analysis, agency coordination, and public participation. Served as lead County technical staff on HART AA development, supported staff in referendum support materials including project priority list and coordination of local government's priorities.

- **Hillsborough County Transit Assessment, Transportation Corridor Preservation Plan, Corridor Plan Preservation Plan Update (2006), Constrained Roads Plan, South County Transportation Build-out Plan. Project Manager.** Provided technical analysis, reports and presentations to County Administration and transportation agencies upon request. Managed consultant selection and coordination, technical analysis, and citizen engagement.
- **Hillsborough County MPO Technical Advisory Committee, Chair.** Served as project manager for several MPO funded transit planning projects: University of South Florida Area Multimodal Transportation District, and Waterborne Transportation Plan.
- **Special Projects (October 2010).** Prepared scope of work for I-75 PD&E/Interchange Justification Report for new interchange. Began procurement schedule. Researched gasoline taxes (9-cent and 6-cent local option) and developed fact sheet and schedule for County Commission action.

Hillsborough County PGM Department, Hillsborough County, Florida, Transportation Demand Manager. Lead County Staff representative in the development of the HART Mobility Major Investment Study as part of Federal New Starts process for 1999 Tampa Rail project. Prepared grant applications and state and federal transportation grant funding through the MPO and political earmarking process. Provided staff support and technical analysis in the development of the MPO 2025 LRTP and related MPO documents. Determined County road priorities, funding assumptions, developer funded projects, and policy implications for County Administration and BOCC. Participated in the MPO planning and committee process. Provided staff support and technical analysis to Deputy County Administrator and consultant in the Committee of 99 processes. Assigned as primary county staff to local transportation entities and organizations including MPO, HART, Hillsborough County Aviation Authority, Tampa-Hillsborough Expressway Authority, Transportation Management Organizations. Project Manager to the International Coalition for Environmental Local Initiatives (ICLEI) for County Administration. Managed a consultant and county staff team in the development over a 3-year period and developed a Local Action Plan to reduce greenhouse gas emissions for County operations and transportation. Worked with the Board of County Commissioners in the review and adoption process. Received specialized training and technical analysis skills in sustainability and programs to reduce greenhouse gas emissions.

Pinellas County MPO, Pinellas County, Florida, Project Planner/ Program Planner. Managed public transportation program and liaison with Pinellas Suncoast Transit Authority (PSTA). Designated Recipient of FTA funds. Project Manager for Pinellas County Transit Element of Comprehensive Plan, Downtown St. Petersburg Transit Center Location Study, and technical analysis and support of a Comprehensive Operational Analysis and Transit Development Plan for PSTA. Designated Bicycle/Pedestrian Planner lead for MPO and County. Completed Bicycle/Pedestrian Feasibility Plan in 1987 that was instrumental in the development of a \$15 million dollar county-wide nationally recognized 37-mile Pinellas Rails-to-Trails. Lead county planning staff and liaison with Pinellas Trains, Inc. citizen support organizations, media, law enforcement, County Administration, and BOCC regarding Pinellas Trail development over a 5-year time frame. (1987-1994) Recognized by Pinellas Trails, Inc. with "President's Award" in 1989 and by National Rails to Trails Conservancy with recognition in 1996.



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A –Name and Title**Daniel Bearer**

Visualization

B - Years of Experience

Jacobs: 1 years

Other: 27 years

C - Education

B.S. Graphic Design,
La Roche College,
Pittsburgh, PA, 1982

Architecture and
Construction Methods,
Seminole Community
College, Lake Mary, FL
1999-2001

D - Professional**References**

Khalilah Ffrench,
FDOT, (954) 677-7898

Wilson Fernandez,
Miami-Dade MPO,
(305) 375-1886

Ray Holzweiss, P.E.,
FDOT, (954) 777-4425

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Bearer is a graphic designer with 28 years experience in the design field accomplishing proposals, presentations, publications, and illustration work for various clients. His expertise includes creating effective communication materials, marketing, promotion, and publications for leading highway and transit planning groups. Most recently, he is involved with many design aspects presenting transit alternatives for the Central Broward East-West Transit Study in Broward County. Prior to his Jacobs experience, his work includes broadcasting, publishing, and communications with leading world-wide corporations.

Sunrise Boulevard Bridge, Florida Department of Transportation, Fort Lauderdale, FL, Illustrator. Recognize by client for illustrative work that was featured in local newspaper, the Sun Sentinel for effectively showing proposed bridge construction.

Central Broward East-West Transit Study, Florida Department of Transportation, Fort Lauderdale, FL, Graphic Designer. Designed presentations, technical documents, and communication materials that illustrate transit alternatives for central Broward County. Projects include Draft Environmental Statement Conceptual Design Report, Peer Workshop Presentation, and Project Information for the Broward MPO document.

Transportation Services, Public Information Campaign, Miami-Dade Metropolitan Planning Organization, Miami, FL, Designer/Illustrator. Provided illustration work for Miami-Dade MPO web site on various transportation services like Park-n-Ride, enhanced bus stops, and fixed guideway service lanes. Included design and print of folders and communication package for "Get Going" campaign.

CSX Railroad Bridge, Public Hearing, Florida Department of Transportation, Fort Lauderdale, FL, Graphic Designer. Recognized for creative PowerPoint presentation showing alternatives to a major freight route in Broward County.

Communications Materials, Walt Disney Company, Orlando, FL, Graphic Designer. Contributed design materials such as creating visual usage of Disney's FastPass viewed by an international audience, currently used in all theme parks. Designed signage for employee tunnel area at the Magic Kingdom showcasing company's heritage and community involvement.

Educational Material, Harcourt School Publishers, Orlando, FL, Graphic Designer. Successfully contributed prototype designs for Reading Program Teacher's Edition having the program adopted by California School Board.

Prototype Designs, MediaLynx Design Group, Sarasota, FL, Lead Graphic Designer. Designed prototype materials for reading, math, and general studies for educational institutions with leading publishers.

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A - Name and Title

Tara Blakey

Sketch Modeling and Goods Movement

B - Years of Experience

Jacobs: 4 years

Other: 6 years

C - Education

M.S.T., Transportation,
Massachusetts Institute of
Technology, 2006

B.S., Civil Engineering,
University of Florida, 2004

D - Professional**References**

Scott Seeburger, FDOT,
(954) 777-4632

Joe Quinty, SFRTA,
(954) 942-7245

Catherine Ady, City of
Woonsocket, (401) 767-1418

F - Number of Crew**Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Blakey specializes in the planning and design of public transit systems including service schedules, operating plans, capacity evaluations, ridership and revenue forecasts, cost studies and economic analyses. A recent graduate of the Massachusetts Institute of Technology, her work has included studies and projects in Miami, Boston, London, Toronto, Salt Lake City, Chicago, and Philadelphia.

I-93 Transit Study, NHDOT, Manchester, NH and Boston, MA. Lead Analyst for service planning and cost estimation for a 50-mile bi-state corridor study focusing on how New Hampshire and Massachusetts can cooperate to reduce future highway congestion and engender more sustainable development along the I-93 corridor linking the largest cities in the two states. Designed six detailed transit plans for commuter rail and bus-on-shoulder transit services to divert traffic from the highway and foster transit supportive land-uses along the northern end of the corridor.

GO Transit Stouffville Light Rail Feasibility Study, GO Transit, Toronto, ON. Key analyst for schedule and cost analyses supporting a study of GO Transit's options to develop off peak service on its Stouffville Branch using self-powered rail cars. The Stouffville Branch, GO Transit's fastest growing service, is presently served with peak period rail service. The study is evaluating options for the development of off-peak rail service.

Woonsocket Passenger Rail Feasibility Study, City of Woonsocket, Woonsocket, RI. Developed an analysis of potential commuter rail services to Boston and Worcester, MA and Providence, RI, including estimation of the costs, benefits and ridership associated with the potential services. Passenger rail service between Woonsocket and Boston was abandoned in 1926. Restoration of service to Boston from Woonsocket would require substantial infrastructure investment and coordination with MBTA operated commuter rail services.

Harvard Allston Transportation Master Planning, Harvard University, Cambridge, MA. Developed extensive analysis of alternative transit technologies to link Harvard's historic Cambridge campus with the planned campus expansion southward across the Charles River to the Allston neighborhood of Boston. In depth analyses focused on standard bus, bus rapid transit, streetcar, light rail and detachable grip aerial gondola technologies.

One Person Train Operations, Utah Transit Authority, Salt Lake City, UT. Conducted research regarding one person train operations (OPTO) and the feasibility of implementing OPTO on the Weber to Salt Lake commuter rail system. Responsibilities included completing a survey of worldwide OPTO practices.

Fairmount Service Enhancements, Massachusetts Bay Transportation Authority, Boston, MA. Key contributor to a study helping the MBTA better understand its options for improving passenger rail service on the Fairmount Branch with push-pull rolling stock. Evaluated the platform capacity at South Station to understand the feasibility of increasing service on the Fairmount line.

Quakertown Stony Creek Passenger Rail Restoration, Bucks County Transportation Management Association, Philadelphia, PA. Developed analysis of alternative transportation solutions in the Quakertown corridor. Designed rail and feeder bus alternatives for the proposed passenger rail service. Key analyst for estimation of capital requirements, operations plans and O&M costs.

Fairmount DMU Study, Executive Office of Transportation, Boston, MA. Contributed to high level planning study considering costs and benefits of operating the MBTA's 11-mile urban Fairmount Branch with self-powered rail cars. Work focused on dwell times, costs, train scheduling, line capacity, and documentation.

Massachusetts Institute of Technology, Research Assistant, Cambridge, MA. Contributed to study research within the Transit Research Group of the Civil Engineering Department. Significant projects included:

Development of a model to explore conflicts within performance regimes of **London's Silverlink Metro**. Using linear regression models, the investigation of the relationship between customer satisfaction and ridership levels for the London Underground. Examination of the variation in bus and rail operator costs for the Chicago Transit Authority. Results of examination contributed to analysis and understanding of disparity between bus and rail operator cost.

Finance Intern, Chicago Transit Authority, Chicago, IL. Financial Analyst Intern responsible for collecting data, validating assumptions, and troubleshooting for a comprehensive cost model that encompassed all of the CTA's divisions. Other responsibilities included collecting data to be used for analysis of innovative transit programs and assessing the roles and relations of the various departments within the transit agency.

Intern, Langan Civil and Environmental Services, Miami, FL. Contributed to standard civil and geotechnical engineering practices, including soil tests, foundation construction and testing, and AutoCAD drafting.

A - Name and Title

**Cassandra Ecker
Borchers, AICP**

Jacobs Executive Advisor

B - Years of Experience

Jacobs: 8 years

Other: 5 years

C - Education

M.S., Urban Planning,
University of Illinois Urbana-
Champaign, 1998

B.A., Geography, University
of Illinois Urbana-
Champaign, 1994

D - Professional References

Bob Clifford, AICP,
Executive Director Tampa
Bay Area Regional
Transportation Authority,
(813) 282-8200

Elba Lopez, Public Transit/
Intermodal Administrator,
FDOT District Seven,
(813) 323-1065

Beth Alden, AICP, Group
Leader, Multimodal Systems
Development, Hillsborough
County MPO,
(813) 272-5940

Steve Myers, Executive
Director, Lee County Transit,
(239) 533-0322

Arlene Barnes, District Rail
Administrator, FDOT District
One, (813) 519-2349

F - Number of Crew Assigned

N/A

G - Registrations (See Attached)

American Institute of
Certified Planners, #015916,
2000

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Borchers brings 13 years of experience in transportation planning with specialties in transit planning, corridor studies, NEPA analyses, and innovative public outreach techniques. While her capabilities include transportation and transit planning, and program development such as needs analysis, impact analysis, and alternative evaluation, her primary interest in transportation planning is a multi-modal approach to building livable communities. It is Ms. Borchers's responsibility and philosophy to be responsive to client needs and develop implementation-focused products through a holistic approach that balances strong strategic planning, technical data, and people-friendly presentation.

General Planning Consultant, Hillsborough County Metropolitan Planning Organization (MPO), Hillsborough County, Florida, Project Manager. Services provided under this contract include Downtown Tampa Access Study, Jobs Access Technical Update, Transit Quality of Service Evaluation, Downtown Transportation Vision Plan, Northeast Plant City Master Plan, Community Transportation Coordinator (CTC) Evaluation (2007-2009), MPO Newsletters, LRTP Cost Estimates, University of South Florida Area Multi-Modal Transportation District, and Cost Affordable LRTP Public Engagement.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan, TBARTA, Tampa Bay Area, Florida, Project Manager. In support of the newly created Tampa Bay Area Regional Transportation Authority (TBARTA), the Florida Department of Transportation (FDOT) pledged technical support in order for TBARTA to meet a legislated mandate of a Regional Transportation Master Plan adoption by July 2009. The Master Plan examined regional transit and toll facility needs for a 7-county, 6,000 square mile area in West Central Florida while ensuring the movement of passengers and freight. The Master Plan Process included the development of corridor and mode options needed to meet the regional demands for mobility choices as they relate to economic development, access to affordable housing and jobs, and maintaining quality of life. The results of the projects include a process for resolving conflicts between local land use and transportation plans in addition to Mid-Term and Long-Term Regional Transportation Visions that include regional improvements supported by an expansive local bus network.

Lee County Transit (LeeTran) Administration, Operations and Maintenance Facility Environmental Assessment, LeeTran, Lee County, Florida. Project Manager. Phase One included a site search, evaluation, selection, and acquisition, as well as ongoing coordination with Federal Transit Administration (FTA) and FDOT to comply with existing grants, federal earmarks, and State Infrastructure Bank commitments. Phase Two included project development analysis that complies with FTA and NEPA requirements, including public outreach and the publication of an Environmental Assessment. The project received a Finding of No Significant Impact (FONSI) from the FTA. Jacobs assisted LeeTran with obtaining planning approvals for a new bus transit facility on the selected a 24-acre infill site in the City of Fort Myers. This new facility will replace the current facility, and will house LeeTran's administration, operations, and maintenance functions, as well as expanded transit operations in the future. The project involved interagency and interdepartmental coordination, site acquisition, rezoning, Planned Unit Development site plan, landscape plan, easement vacating, on-site circulation, access, and traffic impacts. The site layout was designed to be compatible with the existing residences, and to

reduce potential impacts on the surrounding neighborhood.

Rail Traffic Evaluation, FDOT District One, Polk County, Florida, Senior Planner. As a task under the District One General Engineering Consultant contract, Ms. Ecker provided planning and public engagement assistance for the evaluation of freight traffic in Polk County related to the potential for changes to CSX freight routing and passenger rail proposals. The project included identifying impacts and mitigation for the changes to CSX freight traffic, examination of new freight routing options, exploration of passenger rail feasibility and regional bus options, plus outreach to the public and key stakeholders.

Regional Transit Needs Assessment, FDOT District Seven, Various Counties, Florida, Project Manager. Two-year study of transit needs in 8-county area: Citrus, Hernando, Hillsborough, Manatee, Pasco, Pinellas, Polk & Sarasota. Includes development of a long-term vision of how transit can serve/shape the region by providing opportunities for connections between regional centers; economic development in key corridors; and funding flexibility, including R/W preservation. Includes exploration of transit performance criteria to help FDOT determine how to maximize resources/opportunities for funding transit services in the region. Intensive agency coordination and outreach to the counties, MPOs, and transit authorities has been accommodated through agency briefings, presentations, and land use scenarios workshops.



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CASSANDRA ECKER

Has qualified as a

Member

with all benefits of a Certified Planner and responsibility to the
AICP Code of Ethics and Professional Conduct.

Membership Certificate Number 015916

July 1, 2000



President



Executive Director

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A - Name and Title

Corey Carter

Air Quality/Environmental
Analysis Task Lead

B - Years of Experience

Jacobs: 1 years

Other: 7 years

C - Education

B.S. Environmental Science,
University of Georgia,
Athens, Georgia, 2002

D - Professional**References**

Kirk Bogen, FDOT District
Seven, (813) 975-6448

Roberto Gonzalez, FDOT
District Seven, (813) 975-
6923

Manny Santos, FDOT
District Seven, (813) 975-
6173

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Carter has over seven years experience in environmental-related work. He specializes in NEPA documentation, GIS analyses, air and noise studies, phase 1 environmental screenings, Section 4(f) evaluations, and wetland and wildlife assessments relating to roadway and bridge work. He has performed numerous wetland field delineations, wildlife surveys, traffic noise studies and is highly competent in the use of GIS software for project impact analysis. Mr. Carter has completed formal training for both noise and air quality modeling, Section 4(f) compliance and USACE wetland delineation.

I-75 PD&E Study, Moccasin Wallow Rd. to south of US 301, FDOT District Seven, Manatee and Hillsborough Counties, FL.

Mr. Carter served as the Project Coordinator for this study, responsible for managing and coordinating individual tasks for the study team. This study consisted of completing a Project Development and Environment (PD&E) Study for 25 miles on Interstate 75. This project was processed through the FDOT's ETDM Program Screening Tool, where the class of action was determined by FHWA as a Type 2 CE. This corridor includes existing interchanges at SR 674, Big Bend Road and Gibsonton Road. The expansion of the existing six-lane interstate was evaluated with ultimate improvement alternatives, including the addition of general use lanes as well as the use of managed lanes that could serve HOV traffic, express/local bus traffic or be price-managed using tolls. Through extensive traffic analyses as well as environmental impact analyses, public involvement efforts, and coordination with local agencies, the ultimate preferred alternative included the addition of four managed lanes within the existing median of I-75 to reduce potential impacts and right-of-way costs. In addition to evaluating alternatives to meet the 20-30 year traffic demand, a long-term (50+ year) vision for the corridor was also developed for accommodating different transportation modes (vehicles, light rail, heavy rail, bus) as well as studying possible interim improvements at the three interchanges within the study area. These interim improvements included interchange ramp modifications and/or realignments that help meet the short-term traffic demand and were developed to be compatible with the ultimate improvements to reduce throwaway costs. The project involved 26 bridge structures, assessment of 40 drainage basins including some within conservation/Section 4(f) lands, coast guard navigation reviews, and the evaluation of traffic noise, wetlands, protected species and essential fish habitat.

118th Avenue Connector PD&E Study Reevaluation, FDOT District Seven, Pinellas County, FL.

Mr. Carter served as an Environmental Scientist for this project. This study consisted of conducting a design change reevaluation of the original Type 2 CE. Changes incorporated into the design included the addition of a viaduct section, the addition of a second flyover ramp from US 19 to 118th Avenue, and a change in the preferred pond site locations. These changes required the completion of an updated traffic noise analysis along with updated impacts to potentially contaminated sites and wetlands within the corridor.

SR 76 PD&E Study, FDOT District Four, Martin County, FL. Mr. Carter served as an Environmental Scientist for this study involving evaluating the improvement alternatives for the widening of the SR 76 in Martin County, including the addition of a sidewalks, shared-use paths and bicycle lanes. The SR 76 corridor includes structures over Florida's Turnpike and the South Fork St. Lucie River. Environmental tasks included community impact assessment, traffic noise analysis, air quality screening, contamination screening, section 4(f) evaluation, GIS research and analysis, wetland evaluation, and biological assessment.

Selmon Expressway (SR 618) Downtown Viaduct Improvements from Florida Avenue to South 22nd Street PD&E Study, Tampa Hillsborough Expressway Authority, Hillsborough County, FL. Mr. Carter served as an Environmental Scientist on this PD&E Study. This project was completed as an accelerated PD&E Study to for the widening and re-decking of the Selmon Expressway and was approved by the Tampa Hillsborough Expressway Authority in coordination with the Florida Department of Transportation as a State Environmental Impact Report. Environmental tasks included a traffic noise analysis, air quality screening, wetland evaluation, biological assessment, and contamination screening.

Gandy Connector PD&E, Tampa Hillsborough Expressway Authority, Hillsborough County, FL. Mr. Carter served as an Environmental Scientist on this PD&E Study. The purpose of this project was to consider proposed improvements on approximately 2 miles of Gandy Boulevard in South Tampa from the Gandy Bridge to the western terminus of the Selmon Expressway. The purpose for this project is to move regional traffic off the local street network by serving commuter trips, add capacity, and improve emergency evacuation since Gandy Boulevard serves as an evacuation route for South Tampa and Pinellas County. The proposed "Build" alternative improvements included an elevated two-lane two-way toll facility. Substantial public coordination took place including production of a 10-minute Public Hearing video explaining the history, purpose and need for the improvement and numerous stakeholder group meetings. Environmental tasks included a traffic noise analysis, air quality screening, wetland evaluation, biological assessment, and contamination screening.

SR 5/US 1 PD&E Study, FDOT District Four, Palm Beach County, FL. Mr. Carter served as an Environmental Scientist for this study involving evaluating the improvement alternatives for the replacement of the US 1/SR 5 low level bridges in the northeast corner of Palm Beach County, including the addition of a sidewalk between the bridges. The US 1/SR 5 low level bridges include four structures, two northbound and two southbound. Environmental tasks included a community impact assessment, traffic noise analysis, contamination screening, section 4(f) evaluation, visual and aesthetic impact assessment, water quality impact evaluation, GIS research, identifying permit conditions, and coordination with regulatory agencies.

US 41 PD&E Study, 12th Street to Kracker Avenue, FDOT District Seven, Hillsborough County, FL. Mr. Carter served as an Environmental Scientist for this PD&E Study for the widening of US 41 between 12th Street and Kracker Avenue, a distance of approximately 6.2 miles. The four-lane US 41 roadway is proposed to be widened to six lane facility with pedestrian and bicycle facilities added. In addition, a public involvement program was conducted including coordination with the public, county, and other agencies, as well as community interest groups. Environmental tasks included a traffic noise analysis, wetland impact assessment and biological assessment.

SR 54 PD&E Study, Curley Road to Morris Bridge Road, FDOT District Seven, Pasco, County, FL. Mr. Carter served as an Environmental Scientist for this PD&E Study for the widening of SR 54 between Curley Road and Morris Bridge Road, a distance of approximately 4.5 miles. The two-lane SR 54 roadway is proposed to be widened to four and six lanes with pedestrian and bicycle facilities added. In addition, a public involvement program was conducted including coordination with the public, county, and other agencies, as well as community interest groups. Environmental tasks included a traffic noise analysis, wetland impact assessment and biological assessment.

A - Name and Title

Rosana Correa-Verdejo,
PE, PTOE

Data Analysis

B - Years of Experience

Jacobs: 3 years

Other: 10 years

C - Education

M.S., Civil Engineering,
 University of Puerto Rico,
 Puerto Rico, 2000

B.S., Civil Engineering,
 University of Puerto Rico,
 Puerto Rico, 1996

Continuing Education:

IMSA Traffic Signals I, 2003

IMSA Traffic Signals Level II,
 2003

IMSA Work Zone Training,
 2003

**D - Professional
References**

Waddah Farah, FDOT
 District Seven,
 (813) 975-6440

Amy Perez, FDOT District
 One, (863) 519-2913

Kirk Bogen, FDOT District
 Seven, (813) 975-6448

**F - Number of Crew
Assigned
N/A****G - Registrations
(See Attached)**

Professional Engineer,
 Florida (63781), 2006

Professional Engineer,
 Puerto Rico (16007), 2004

Professional Traffic
 Operations Engineer, (1761),
 2006

**H - DBE Documentation
N/A****E - Other Relevant Experience and Qualifications**

Ms. Correa-Verdejo is a traffic engineer for the Jacobs North American Infrastructure Group in Tampa, Florida. Over the past 12 years, she has acquired extensive experience in traffic impact studies, signal timing plans, traffic projection studies, signal warrant analyses and travel time studies.

Development of Signal Timing for 50 intersections, Broward County, FL, Project Engineer. Analyzed traffic data to develop traffic timing using SYNCHRO.

I-4 at I-75 System Interchange, FDOT District Seven, Hillsborough County, Traffic Engineer. Used CORSIM to evaluate short-term improvements at the interchange and determined until when these improvements are expected operate at level of service standards based on future traffic.

I-4 at County Line Road interchange, FDOT District Seven, Traffic Engineer. The study was done to assist the FDOT in evaluating the traffic patterns in the vicinity of the eastbound ramp terminal of the I-4 @ County Line Road interchange to establish whether the traffic signal would be more appropriate at the at the intersection of the EB off-ramp and County Line Road or at another intersection.

Marigold Avenue and Walnut Street Intersection Improvement Study, Polk County, Traffic Engineer. A study was performed to identify improvements for the unsignalized intersection. The study included signal warrant study and delay study.

I-4 at SR 33 IOAR, FDOT District One, Polk County, Traffic Engineer. An Interchange Operational Analysis Report was performed at this interchange to assess short and long improvements at this location based on proposed developments that are expected to occur in the next several years in the interchange vicinity.

I-75 at Gibsonton Road Interchange, FDOT District Seven, Hillsborough County, FL, Traffic Engineer. Used HCS and Synchro to evaluate short-term improvements at the interchange.

Brooker Road and Bryan Road Traffic Engineering Report, Hillsborough County, FL, Project Engineer. Performed a Traffic Engineering Report for the unsignalized intersection of Bryan Road and Brooker Road. The purpose of this study was to document the traffic studies performed at the intersection and the improvement alternatives developed for this intersection as a result of the traffic studies, data collection and field observations.

Rail Traffic Evaluation, Polk County, FL, Traffic Engineer. The purpose of this study was to address and offer suggested courses of action by evaluating the effects of increased rail and vehicle traffic in areas where both modes of transportation interact e.g., rail crossings.

General Engineer Consultant, FDOT District Seven, Hillsborough County, FL, Project Engineer. Assist District Seven, with DRIs reviews, interchange operational analysis reviews, traffic studies reviews, system interchange reviews, level of service determination for state roadways in the whole district, PD&Es reviews.

I-75 PD&E Study, FDOT District One, Sarasota & Manatee Counties, FL, Traffic Engineer. This PD&E Study will be conducted along I-75, from SR 681 to north of University Parkway in Sarasota and Manatee Counties. The

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proposed improvements to be evaluated include basic capacity improvements (widening to eight or ten lanes) and interchange modifications to accommodate projected traffic increases. This 14-mile portion of I-75 is adjacent to significant residential and commercial development presenting environmental and public involvement challenges.

I-75 PD&E, Hillsborough County, FL. Project involves a traffic study along I-75 from north of Moccasin Wallow to north of Fletcher Avenue in Manatee and Hillsborough Counties and a PD&E Study along I-75 from south of US 301 to north of Fletcher Avenue in Hillsborough County. The proposed improvements to be evaluated include basic capacity improvements (widening to eight or ten lanes) and interchange modifications at the seven existing interchanges within the project limits. The project involves a visioning exercise that will lead the PD&E efforts and will involve working with the District and stakeholders to develop a plan for I-75 beyond the PD&E design year. The project is anticipated to be a Type II Categorical Exclusion.

LeeTran/Lee County Transit Administration, Operations & Maintenance Facility, Lee County, FL. Assisted Lee County Public Works and Transit (LeeTran) with planning, design and construction of a new transit administration, operations and maintenance facility. Phase One included a site search, evaluation, selection and acquisition, as well as ongoing coordination with FTA and FDOT to comply with existing grants, Federal earmarks and State Infrastructure Bank commitments. The second phase included project development analysis that complies with FTA and NEPA requirements, including public outreach and the publication of an Environmental Assessment. The project received a Finding of No Significant Impact (FONSI) from the FTA in 2006 and will proceed with rezoning, site acquisition/design, architecture, permitting, and construction.

Boynton Beach Mall Expansion, Boynton Beach, FL, Traffic Engineer. Analyzed existing conditions and developed future pm peak hour traffic volume conditions.

Collier County and City of Naples Timing, Naples, FL, Transportation Engineer Intern. Developed signal timing for over 75 intersections along the west coast of Florida.

Corridor Analysis for Community Redevelopment Area, Cape Coral, FL, Project Engineer. Performing analysis for the existing and future conditions using SYNCHRO, HCS, SIDRA, and TRANSYT-7F. Developed traffic projections for 2015 and 2030. Analyzed driveway spacing and corner clearance along the corridors using FDOT access management criteria.

Country Side Mall Expansion, Clearwater, FL, Traffic Engineer. Analyzed existing conditions and developed future daily and peak traffic volumes for a proposed mall expansion. HCS and the FDOT generalized tables were used in this study.

CR 54 Interchange Justification Report Update, FL, Traffic Engineer. Used HCS and CORSIM to evaluate the impact of converting CR 54 from a two-lane rural facility to a four-lane urban roadway.

Dale Mabry Signal Timing, FDOT District Seven, FL, Transportation Engineer. Involved in the signal timing plan development for intersections along Dale Mabry Highway using SYNCHRO and TSPPD.



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A - Name and Title
Ana Elias, PhD, PE,
PTOE

Traffic Analysis

B - Years of Experience

Jacobs: 3 years

Other: 17 years

C - Education

Ph.D., Civil Engineering,
University of Florida, 1998

M.E., Civil Engineering,
University of Florida, 1996

B.S., Civil Engineering,
University Cordoba,
Argentina, 1989

**D - Professional
References**

Marie-Elsie Dowel, PB,
(305) 514-3125

Joaquin Vargas, TrafTech
Engineering, Inc.,
(954) 582-0988

Joseph Yesbeck, T.Y. Lin
International, (954) 308-3361

**F - Number of Crew
Assigned**

N/A

**G - Registrations
(See Attached)**

Professional Traffic
Operations Engineer, Florida
(2332), 2007

Professional Engineer,
Florida (66369), 2007

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Dr. Elias has more than 20 years of experience in several areas of the transportation field such as traffic engineering, computer simulation, transportation modeling, highway safety and transportation economy. She has excellent knowledge of specialized transportation software (VISSIM/VISUM, Cube Base/Voyager/Analyst/Avenue, PARAMICS, HCS-2000, TSIS, Synchro and TransCAD, among others, including GIS packages), as well as a thorough understanding of all areas of the transportation industry.

Ms. Elias worked at the McTrans Center of the University of Florida, a very well known center for software in transportation. During that time, she was involved in the development and testing of a number of important traffic simulation and optimization software packages, including HCS-2000 and TRANSYT-7F. While working at the McTrans Center, Ms. Elias was the deputy project manager for a Federal Highway Administration (FHWA) project on beta testing of traffic software, namely, the release of TSIS.

Ms. Elias was directly involved in the organization of Pan American Institute of Highways (PIH) Headquarters within the FHWA to transfer transportation related technology to Latin America. The PIH comprised a network of 86 technology transfer centers in 21 countries in the Western Hemisphere and Spain. During that time, Ms. Elias launched and participated in several transportation technology transfer projects.

Ms. Elias has been the project manager and task leader of a broad spectrum of transportation projects, from planning and operational analyses to micro-simulation and modeling efforts. She is very skillful in the development of methodologies and technical approaches to a wide range of transportation issues. She is not only an accomplished transportation professional, but has also strong and broad experience in several areas of civil engineering and computer applications in general. Her proficiency in understanding clients' needs allows her to excel at developing sound technical scopes that fully satisfy clients' requirements.

Central Broward DEIS, Fort Lauderdale, FL, Senior Traffic Engineer. The purpose of the study was to develop and evaluate a series of transit corridors and modes in Central Broward County (Fort Lauderdale) to determine the most effective way to accommodate future east-west travel demand. A detailed analysis was undertaken utilizing the VISSIM microsimulation software to simulate and evaluate the traffic and transit operations along the Broward Boulevard and SR 7 corridors given the preferred alternative. Ms. Elias is the Senior Technical Director of the "VISSIM/3-D Modeling Supplemental Services" task related to this project. The purpose of this task is to evaluate the future operating characteristics of SR 7, between Riverland Road and Broward Boulevard, and along Broward Boulevard, from SR 7 to just west of I-95 with at-grade transit service along the median of these two arterial roadways.

West Palm Beach Transit Oriented Development Mesoscopic Model, FDOT District Four, Fort Lauderdale, FL, Project Manager and Technical Director. The City of West Palm Beach, the Palm Beach County Traffic Engineering Department, Treasure Coast Regional Planning Council (TCRPC) in collaboration with FDOT developed a planning-level mesoscopic modeling tool to evaluate development proposals for downtown West Palm Beach. This tool was developed using the Florida standard FSTUMS software package that includes the following software: Cube Base, Cube Voyager, Cube Avenue and Cube Cluster. The model process converts land use inputs into two peak period trip tables (AM and PM), which were further

sub divided into six 30- minute trip tables. Finally, these tables were loaded and dynamically assigned to the study area network using Cube Avenue.

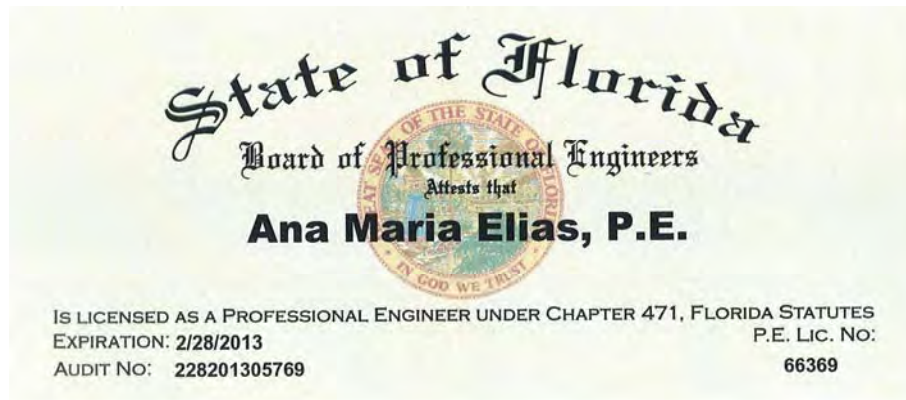
Florida Department of Transportation District Four, Demand Forecast Model Development and Application, General Planning Consultant (GPC), Fort Lauderdale, FL, Project Manager and Technical Director. The purpose of this contract is to provide professional planning services in developing and applying travel demand forecasting models for FDOT District Four Planning and Environmental Management Office, with tasks that range in depth from simple, straight-forward applications of existing model(s) to highly-technical, research-oriented assignments in other occasions. The primary tasks include, but are not limited to: analyze census and other demographic data; analyze travel characteristics, update network physical and operational attributes; enhance transportation demand forecast and land use forecast processes in response to policy or natural changes, implement model calibration standards and develop Geographic Information System (GIS) data and applications to support modeling.

General Engineering Consultant (GEC), FDOT District One, Polk County, FL, Traffic Analysis. Provides traffic analysis for the TIGER BCA and for I-75 Golden Gate projects as an extension of FDOT staff. She has provided technical advice and support for numerous projects, ranging from operational traffic analyses, to more sophisticated simulation projects to economic, cost-benefit appraisal of projects.

I-75 PD&E Study, FDOT District One, Sarasota & Manatee Counties, FL, Senior Transportation Engineer/Advisor. Evaluated interchange alternatives at the I-75 This PD&E Study was conducted along I-75, from SR 681 to north of University Parkway in Sarasota and Manatee Counties. The proposed improvements evaluated as part of this study include basic capacity improvements (widening to eight or ten lanes) and interchange modifications to accommodate projected traffic increases. The traffic operations analysis for the Diverging Diamond Interchange (DDI) alternatives at University Parkway and I-75 and at Clark Road and I-75 was performed using VISSIM microsimulation software due to the complex geometric configuration and signalization associated with the DDI alternatives.

Downtown Miami PARAMICS Model Development, Miami, FL, Project Manager. Developed a PARAMICS model for a one-square-mile area of Downtown Miami, which includes more than 140 signalized intersections. Ana's role was to oversee all activities related to the development of the model, from overall quality control to the establishment of methodologies for the validation and calibration of the existing conditions models for three peak periods as well as the development of future scenarios. Specific items unique to the area such as the impact of bridge openings on the traffic stream were accounted for in the model. Future scenarios based on various levels of land-use and transit improvements were also tested as part as the work effort.

SR 93/I-75 & Pembroke Road Interchange PD&E Study, Pembroke Pines/Miramar, FL, to be classified. The study included the analysis of the mainline adjacent interchanges, and proposed interchange using CORSIM simulation software as the main analysis tool to determine the operational characteristics of I-75 with and without the proposed interchange in place. Three alternatives were evaluated as part of the study, including the baseline 'no-build' condition, single point urban interchange and tight diamond interchange alternative. In addition, as part of the study the alternatives were evaluated to determine environmental impacts, if any, resulting from the proposed interchange.



Transportation Professional Certification Board Inc.

certifies that

Ana Maria Elias

*has met all of the requirements established by the Certification Board
to use the title of*

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 2332 issued in Washington, D.C., U.S.A.

November 7, 2007

Steven D. Hofener
Chair



James W. H. H.
Executive Director

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English

A - Name and Title

Alex English

Social Media and
Technology

B - Years of Experience

Jacobs: 3 years

Other: N/A

C - Education

B.A., Economics, New
College, Sarasota, Florida,
2009

D - Professional References

Amy Ellis, Communications
Director, Tampa Bay Area
Regional Transportation
Authority, (813) 282-8200

Heather Sobush, Principal
Planner, Pinellas County
Metropolitan Planning
Organization, (727) 464-
8200

Bob Lasher, Manager of
Community Relations,
Pinellas Suncoast Transit
Authority, (727) 540-1874

F - Number of Crew Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. English is a planner with a background in economics and transportation planning. Specializing in social media techniques for transit and transportation projects, he is experienced with coordinating meetings, documenting public comments, writing and editing. He facilitates online communications, including maintenance of project websites, Facebook, and Twitter accounts, and assists with Speakers Bureau activities. Mr. English also has experience in grant writing for capital improvement projects, video editing, data collection and analysis, and surveys for transportation disadvantaged service evaluations.

Community Transportation Coordinator (CTC) Evaluation, Hillsborough County Metropolitan Planning Organization (MPO), Planner. The Transportation Disadvantaged Coordinating Board (TDCB), established by the Hillsborough MPO, is responsible for overseeing the transportation disadvantaged program in Hillsborough County, which is operated by the Community Transportation Coordinator (CTC). It is the responsibility of the TDCB to evaluate the transportation disadvantaged services provided by the CTC and to evaluate their performance. Mr. English manages the survey database to incorporate the survey respondents' comments and rankings.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan, TBARTA, Tampa Bay Area, FL, Planner.

This seven-county TBARTA Regional Master Plan determined a vision for corridor and mode options needed to meet regional demands for mobility choices in the Tampa Bay Area as they relate to economic development, access to jobs and affordable housing, and maintaining quality of life. Mr. English has been working on public and agency participation, which was and continues to be a proactive, broad-based, and intensive process designed to reach a broad audience. Through various channels including the TBARTA website, social media accounts, telephone Town Hall meetings, electronic newsletters, regular email updates, live and online community workshops, Public Service Announcements broadcasted in regional television markets, media alerts, and televised TBARTA Board meetings, the public engagement program reaches out to the public on an ongoing basis.

Mr. English helps coordinate the TBARTA Land Use Working Group, which is comprised of local, regional, and state planning agencies, developers, and the public, to share information about transit-supportive planning activities in the region, evaluate development forecasts, and create alternative land use scenarios. The group is developing a Transit Oriented Development (TOD) Resource Guide of model Comprehensive Plan policies, station typologies, Land Development Regulations, and other tools that promote TOD in the TBARTA region.

Additionally, Mr. English has assisted TBARTA in its official request for Alternatives Analysis grant funding through the Federal Transit Administration (FTA) Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (SAFETEA-LU) program. A detailed application was submitted by TBARTA, outlining the region's plans for connecting Hillsborough and Pinellas Counties across Tampa Bay. Mr. English assisted in gathering supporting documentation for the application and successful packaging of the content to TBARTA and FDOT for submission to the FTA.

Pinellas Alternatives Analysis (AA), Florida Department of Transportation, Pinellas County Metropolitan Planning Organization (MPO), and Pinellas Suncoast Transit Authority (PSTA), Pinellas County, Florida, Planner. This study is being conducted for TBARTA, the Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA) to look at premium transit options connecting the major activity centers in Pinellas County – Clearwater, Gateway, and St. Petersburg. The AA will evaluate feasible alternatives and identify a preferred alternative, as consistent with the TBARTA Master Plan. Following the Federal Transit Administration's New Starts Guidelines for an AA, the major work efforts for this study will include extensive public engagement, a Purpose and Need statement, alignment options, capital and operations/maintenance cost estimates, year 2035 forecasted ridership estimates, identification of potential economic, social and environmental impacts, and the recommendation of a Locally Preferred Alternative. Mr. English has worked extensively to ensure the success of the public engagement program associated with the Pinellas AA, using social media, official messaging, proper documentation, and coordination with agency partners. Mr. English is the lead for the Pinellas AA Speakers Bureau program, coordinating a busy schedule of presentations to local organizations and community associations. Mr. English has also worked with video recordings of project meetings, editing and applying effects and titles as necessary.

Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Program, City of Tampa, Tampa, FL, Planner. The City of Tampa submitted a program of projects to the TIGER Discretionary Grants Program through the American Recovery and Reinvestment Act. The projects were chosen because they will immediately improve the City's economic recovery and competitiveness through the creation of jobs and the residents' quality of life. The projects include the revitalization of 22nd Street, as part of the East Tampa Revitalization Project; Segment 10 of the Tampa Riverwalk, in order to connect the Riverwalk underneath the Brorein Street Bridge to the completed Riverwalk; and three Downtown Tampa bridge revitalizations. Mr. English assisted in the writing of the five grant applications for the TIGER Discretionary Grant Program.

A - Name and Title**Randy Farwell**

Bus Facilities

B - Years of Experience

Jacobs: 6 years

Other: 19 years

C - EducationMURP, Urban & Regional
Planning, Virginia Tech,
1984B.S., Urban Studies, Texas
Christian University, 1982**D - Professional
References**Jeff Meilbeck, NAIPTA,
(928) 220-2272Liz Peak, JTA,
(904) 633-8535Doug Jamison, LYNX,
(407) 841-2279**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Farwell has over 25 years experience in transportation and transit planning and operations management with expertise in a wide range of programs, services and projects: corridor analysis; alternatives analysis; NEPA documentation; TDM strategies; human service, flexroute, fixed route, BRT, commuter rail, and light rail services. Mr. Farwell was Director of Planning at the Central Florida Regional Transportation Authority in Orlando (LYNX) during the planning and final design of the Central Florida Light Rail project. Mr. Farwell was Planning Manager at the Potomac & Rappahannock Transportation Commission where helped create the Virginia Railway Express commuter rail and started OmniLink Flexroute – the first ITS enhanced flexroute in the United States.

Kendall Area Alternatives Analysis, Miami-Dade MPO, Miami, FL, Deputy Project Manager. Project evaluated alternatives to increase mobility in the Kendall area of southwest Miami. This project examined Kendall Drive, HEFT and SR 874/826 corridors. Transit mode alternatives included light rail, expanding Metrorail, DMUs, BRT, HOT lanes.

Clifton Corridor Alternatives Analysis, MARTA, Atlanta, GA. Jacobs is leading this complex alternatives analysis to define a transit connection from the Lindbergh MARTA Station to the Centers for Disease Control and Emory University to the Avondale MARTA Station. Three distinct corridors have been developed, modeled and analyzed. BRT, LRT and HRT modes have been modeled and analyzed. Mr. Farwell was responsible for developing the TSM network, strategy, operating requirements and costs and he developed the operating requirements and O&M costs for the Build Alternatives.

Clearwater Transit/BRT Feasibility, Pinellas MPO, Pinellas County, FL.

Mr. Farwell managed Jacobs' efforts on this project: ridership estimation, BRT service development, station and facility requirements, operating and capital costs, and development of Very Small Starts documentation.

Mountain Link BRT Design-Build, NAIPTA, Flagstaff, AZ Jacobs was selected to lead planning and design efforts on this innovative BRT design-build project. Mr. Farwell served as both the Project Manager and led the planning phase of the project. The project is an ARRA and FTA funded Very Small Starts BRT serving a 6.8 mile route through historic downtown Flagstaff, Northern Arizona University and the Woodlands Village suburbs south of campus. Jacobs delivered an approved Categorical Exclusion document, Systems Planning Report and 30% Design Plans in seven months. The FTA authorized NAIPTA to proceed with final design and construction. Jacobs completed final design and construction will be complete for live operations fall semester 2012.

Long Range Strategic Mobility Plan, LYNX, Orlando, FL. Jacobs, as a subcontractor to Tindale-Oliver & Associates, is providing technical support to define and analyze the existing transit network on a corridor and segment basis and prepare a strategy, and recommendations for a future transit network to serve Central Florida. The analysis involves the application of GIS tools and the use of a set of measures of effectiveness to formulate a recommended transit system network and a set of prioritized transit improvements to be programmed as the transit component of the Metroplan Orlando (the MPO) long range transportation plan.

Community Shuttle Service Development, Jacksonville Transportation Authority. Mr. Farwell developed Community Shuttle to improve service delivery in lower density parts of the JTA service area. The initial community shuttle service started August 2008 and is designed to provide real-time

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electronic manifesting with a single reservation, scheduling and dispatching process to better manage vehicles, increase productivity and reduce costs.

FlexBus Demonstration, LYNX, Orlando, FL. Project Manager, Jacobs was requested to assist LYNX to define and manage a demonstration of the FlexBus operations concept for evaluation by the Federal Transit Administration. The FlexBus concept is a real-time dynamically routed node-to-node transit operation intended to improve transit as a viable option in suburban areas and to augment regional bus, BRT and rail corridors by improving the ability for transit to penetrate the service area along and adjacent to transit corridors. The FlexBus concept is intended to provide both local mobility and to serve the first and last mile of regional transit travel. Mr. Farwell developed the FlexBus concept for LYNX.

Central Florida MORE TMCC Regional Transportation Coordination Center, LYNX, Orlando, FL. Mr. Farwell provided technical direction for transit operations and ITS system development for this national demonstration project to facilitate regional coordination of transit services by LYNX, Polk County Transit System, Citrus Connection and human service program agencies by combined trip booking, scheduling and dispatching.

Bus Rapid Transit System Tier 1 PEIS, Jacksonville Transportation Authority. Mr. Farwell managed the first Tiered Programmatic Environmental Impact Statements (PEIS) approved by the Federal Transit Administration.

Service Restructuring, Jacksonville Transportation Authority. Mr. Farwell was retained by the JTA to direct strategic service planning analyses and service restructuring efforts to position the system more optimally to commence the programmed Rapid Transit (BRT) system, and to achieve more cost-effective, productive and convenient transit services. Mr. Farwell's efforts involve working with executive, senior and departmental staff; assessing and directing data analyses and service planning and scheduling analyses; developing and designing system restructuring concepts; and developing cost estimates and implementation schedule for the system restructuring to support the BRT system. One such project was the development of subscription bus service to connect employees with multiple employers at a major employment activity center.

Florida New Starts Program Development, FDOT Public Transit Office. Mr. Farwell developed the New Starts program concept for FDOT to evaluate and rank projects seeking state and federal transit project funding. The program intent incentivizes projects that enhance transit and growth management policy compliance at the state level and enhance project competitiveness nationally.

I-66 Corridor Transit/TDM Study, Virginia Department of Rail and Public Transportation. Mr. Farwell is leading technical on this complex analysis of the potential to add Bus Rapid Transit (BRT) service in the I-66 Corridor west of Washington, DC. Jacobs is developing BRT operational and station concepts; the Purpose and Need Document and a technical review of TDM and transit service recommendations.

A - Name and Title

Mireidy Fernandez

Local Coordination/
Media Messaging

B - Years of Experience

Jacobs: <1 years

Other: 13 years

C - Education

PhD. University of the
Rockies, Expected 2012

M.S., Public Administration,
Hodges University, 2004

B.S., Mass Media
Communications, Florida
International University, 1998

A.A., Liberal Arts, Miami-
Dade College, 1997

Planning Graduate
Certificate, Florida Gulf
Coast University, 2010

D - Professional

References

N/A

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Fernandez has more than three years as a City Planner and more than 10 years as a journalist. Experienced in all aspects of public administration, communications/journalism and professional writing.

**HODGES UNIVERSITY, Naples, FL, September 2010 – August 2011,
Adjunct Professor / Assistant to the Dean of Liberal Arts.**

- Teach Strategic Thinking and Interdisciplinary Studies courses to undergraduate students.
- Devise syllabi and coursework expectations for students.
- Develop lesson plans.
- Administer tests and lectures in class.
- Serve as a guide for students who need additional assistance with their assignments and exams.
- Attend faculty meetings and training sessions with fellow faculty, deans and administrators.
- Gather pre and post test data results for math and English for undergraduate students

**CITY OF NAPLES, Naples, FL, April 2007 – September 2010, City
Planner II**

- Develop various elements of the city's comprehensive plan, i.e., land use, capital improvements, redevelopment, parks and recreation.
- Make oral presentations before various city boards, including the City Council, Planning Advisory Board, Design Review Board and the Community Redevelopment Agency Advisory Board.
- Process applications for zoning changes, conditional use petitions, variances and other current planning petitions.
- Conduct parking studies and analysis in order to make policy recommendations and changes to parking requirements within the city's various zoning districts.
- Research, compile, analyze and display data for problem solving and official publication regarding city planning issues.
- Conduct neighborhood planning initiatives such as distributing surveys door to door to city households with the CRA district.
- Develop ordinances or revisions to the ordinances to implement master plans.

**WATERMAN BROADCASTING, Fort Myers, FL, August 2005 – April
2007 Assignment & Planning News Editor**

- Was hired as an Assignment Editor and quickly took on the role of both Assignment Editor and Planning Editor, leading a team of news reporters and photojournalists to cover the news.
- Plan and execute daily news coverage in the day-to-day news operation of two of the area's televisions networks – NBC2 and ABC7.
- Assist in the planning of Hurricane Wilma and its aftermath in 2005.
- Interact with city, county, state and national leaders, including members of Congress and other politicians, to set up live interviews.
- Decide what issues warrant news coverage for the local area, comprising of an area of 5 counties in Southwest Florida.

- Assist reporters and photojournalists with investigative report stories, including those pertaining to illegal immigration and illegal scams affecting the consumer.

SOUTH FLORIDA SUN-SENTINEL, Delray Beach, FL, July 2004 – August 2005, News Reporter

- Report on various city issues, including budgets, redevelopment plans, affordable housing and race relations.
- Meet with and interview local and state leaders pertaining to legislature bills and decisions affecting the City of Delray Beach.
- Work with social service agencies that assisted the Haitian community of Delray Beach pursue their immigration and human services assistance.
- Work with the city's Housing Authority to bring awareness to the affordable housing issues and gentrification of African Americans in the city.
- Work on election coverage of the 2004 election in Palm Beach County.
- Was one of a handful of reporters sent to Charlotte County, Florida to cover Hurricane Charley.

NAPLES DAILY NEWS, Naples, FL, January 2001 – July 2004, General Assignment News Reporter.

- Meet with and interview city, county, state, national and international leaders, including Gov. Jeb Bush, President of Ireland Mary Robinson and Congressman Connie Mack, among others.
- Conduct interviews and write about impact fee studies, special district assessments, immigration issues pertaining to farm worker wages.
- Work with organizations such as Friendship House and Coalition of Immokalee Farmworkers to bring to light the issues plaguing the ethnic minorities of Southwest Florida.
- Write news enterprise stories relating to budgeting, community redevelopment projects, Code Enforcement issues and crime.
- Report on breaking news stories including those relating to crime and accidents and cover news conferences.

GREY ADVERTISING & PR, Miami, FL, Jan. 1999 – Sept. 1999, Account Executive

- Develop corporate communications strategies for companies such as British Airways, Procter & Gamble and Abbott Laboratories
- Set up interviews with local media for corporate clients in the Hispanic and Anglo media.
- Make oral presentations before executives of various corporations involving the company's public relations and advertising capabilities
- Engage with radio, print and television personalities as part of corporate communications campaigns for various clients
- Help execute a milk campaign for a conference that I attended in Costa Rica with various physicians and nutritionists from North America and South America.

A - Name and Title
Luis A. Ferreira, PE
Project Development

B - Years of Experience
Jacobs: 5 years
Other: 5 years

C - Education
M.S., Civil Engineering,
Kansas State University,
Kansas, 2003

B.S., Civil Engineering,
Kansas State University,
Kansas, 2001

**D - Professional
References**
Stephen Carroll, FDOT
District Seven,
(813) 915-6176

Manny Lajmiri, Pasco
County MPO,
(727) 847-8140

Scott Kamien, Atkins North
America Inc., (407) 806-4178

**F - Number of Crew
Assigned**
N/A

**G - Registrations
(See Attached)**
Professional Engineer,
Florida (65925), 2007

H - DBE Documentation
N/A

E - Other Relevant Experience and Qualifications

Mr. Ferreira is a project engineer with experience in the development of municipal, FDOT and private civil projects. He has experience in roadway rehabilitation and design, pavement design, drainage improvements, and regulatory agency correspondence. His experience includes residential development, including hydrologic and hydraulic studies, site grading and drainage and utility coordination and design.

US 98 (SR 35) Bus Rapid Transit (BRT) PD&E Study, FDOT District One, Polk County, FL, Project Manager. Project involved looking at US 98 (SR 35) Corridor for use of Bus Rapid Transit (BRT) between Lakeland and Bartow. The work is being done in conjunction with the current design plans for the widening of US 98 and to develop and evaluate options for exclusive bus lanes within the corridor. Work included development of typical sections, construction cost analysis and identify potential R/W impacts. Several options were developed showing exclusive lanes for buses while preserving the existing US 98 corridor work including the preservation of the Fort Frazer Trail.

Pinellas Alternatives Analysis (AA), Pinellas County, TBARTA, the Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA), FL, Planner. This study is being conducted for TBARTA, the Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA) to look at premium transit options connecting the major activity centers in Pinellas County – Clearwater, Gateway area, and St. Petersburg. The AA will evaluate feasible alternatives and identify a preferred alternative, as consistent with the TBARTA Master Plan. Following the Federal Transit Administration's New Starts Guidelines for an AA, the major work efforts for this study will include extensive public engagement, a Purpose and Need statement, alignment options, capital and operations/maintenance cost estimates, year 2035 forecasted ridership estimates, identification of potential economic, social and environmental impacts, and the recommendation of a Locally Preferred Alternative.

West Pasco Trail Feasibility Study, Pasco County MPO, Pasco County FL, Project Manager. Developed and refined plans for greenway and trail projects in western Pasco County, focusing on the Cities of Port Richey and New Port Richey, for inclusion in the County's Greenways/ Trails/ Blueways Plan, the MPO's Long Range Transportation Plan, and potential pursuit of grant opportunities.

City of Temple Terrace Multimodal Transportation District (MMTD) Design Guidelines, Temple Terrace, FL, Roadway Engineer. Mr. Ferreira is managing the design guidelines that have two levels of applicability: within the entire MMTD, and within certain corridors and overlay areas. The guidelines address connectivity, traffic calming, pedestrian and bicycle facilities, transit stops, parking, land use and building orientation. This is being done in consultation with a Working Group of planning partners. A "Complete Streets" design approach in developing the guidelines was taken, and focused not just on individual roads but on changing the decision-making and design process so that all users are routinely considered during the planning, designing, building and operating of roadways.

Collier County Planning & Design-Bayshore/Gateway Triangle Redevelopment, Naples, FL, Roadway Designer. Contract with Collier County to provide on-call services for traffic engineering and planning services. Project efforts have included the planning and preliminary

JACOBS

engineering design of the Bayshore/Gateway Triangle redevelopment overlay for the County Transportation Planning Department. The land use planning and preliminary transportation engineering design efforts are coordinated with the Collier CRA to meet objectives and address the needs of the affected communities through public involvement. The study provides a systematic approach to identifying a preferred design to meet future transportation and land use demands and achieves consensus with the study objectives set forth by the Collier County Government and the CRA.

SR52 RRR Design, Pasco County, FL, FDOT District Seven, EOR, Project Engineer. This project includes milling and resurfacing of approximately 3.3 miles of S.R. 52 (Schrader Highway) from the Suncoast Parkway to S.R. 45 (US 41) and 0.3 miles of S.R. 45 (US 41) at the intersection of S.R. 52. Limited widening was included to provide for bicycle “keyhole” lanes and improve deceleration lengths at locations where existing lengths were deficient. Additional upgrades were made along the project which included construction of pedestrian features at the intersection of S.R. 52 and S.R. 45 (US 41) and limited signal modifications.

SR 408 Widening-Oxalis Drive to Chickasaw Trail, Orlando/Orange County Expressway Authority (OOCEA), Orlando, FL, EOR, Project Engineer. This final design project for the Orlando/Orange County Expressway Authority (OOCEA) involved reconstruction of SR 408, from Oxalis Drive to Chickasaw Trail, for increased capacity, safety improvements and side street operations. The project involved widening existing bridges, interchange modifications at Goldenrod Road and a new interchange at Chickasaw Trail. The proximity of the interchanges made it necessary to design new braided ramps to improve traffic operations. Services provided also included assisting in final stormwater conveyance system, pond design and permitting.

US 19/SR 55 Design, FDOT District Seven, Pinellas County, FL, Roadway Designer. This project is a major reconstruction of US 19 to a 10-lane section (six high-speed, limited access lanes, and four lanes of frontage roads) between Whitney Road and Seville Drive in Pinellas County. Design elements include roadway, drainage, signing, signals, lighting, and ITS design. Drainage design includes storm drains, cross drains, and stormwater management. Project also includes preparation of a Pond Siting Report, Bridge Hydraulics Report, and a SWFWMD permit.

I-75 PD&E Study/Lee & Charlotte Counties, Lee & Charlotte County, FL, FDOT District One, Roadway Designer. PD&E Study along I-75, from north of SR 78 to north of Kings Highway in Lee and Charlotte Counties. The proposed improvements evaluated included basic capacity improvements (widening to six, eight or 10 lanes) and interchange modifications to accommodate projected traffic increases. This 27-mile portion of I-75 passes over three major and seven minor stormwater basins, the Peace River and traverses the Babcock-Webb Wildlife Management Area, a region of Florida with numerous known protected species. The project was a Type II Categorical Exclusion and was granted LDCA in December 2006

DBPR - FERREIRA, LUIS A, Professional Engineer

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8:13:20 AM 6/21/2011

Licensee Details

Licensee Information

Name: **FERREIRA, LUIS A (Primary Name)**
(DBA Name)
Main Address: **6568 EAGLE LOOP**
LAKELAND Florida 33813
County: **POLK**
License Mailing:
LicenseLocation:

License Information

License Type: **Professional Engineer**
Rank: **Prof Engineer**
License Number: **65925**
Status: **Current,Active**
Licensure Date: **03/01/2007**
Expires: **02/28/2013**

Special Qualifications **Qualification Effective**
Civil 08/08/2006

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JACOBS

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A - Name and Title

Ron Fisher

FTA Coordination

B - Years of Experience

Jacobs: 2 years

Other: 33 years

C - Education

M.S., Transportation
Planning, University of
Washington;

B.S., Physics, Rose
Polytechnic Institute

D - Professional References

Toru Hamayasu, City of
Honolulu, (808) 768-8343

Jane Shang, City of El Paso,
(915) 541-4686

Sam Zimmerman, AECOM,
(703) 835-4124

F - Number of Crew Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Fisher has extensive experience in project planning and development of transit projects, transit operations and federal requirements. He has worked with project sponsors, their consultants, Senators and members of Congress and their staff, and high-level staff within the U.S. Department of Transportation on dozens of projects (referred to as “New Starts” and “Small Starts”) seeking discretionary funding from the Federal Transit Administration (FTA). At the FTA he served for 10 years as the director of the office responsible for administering a program of discretionary capital funding of roughly \$1.6 billion a year.

Honolulu Rapid Transit Project, City of Honolulu. Provided direction on project advancement under various scenarios and FTA applicable procedures.

El Paso Alternatives Analyses, City of El Paso, TX. Provided direction on all aspects of these studies for four corridors, including purpose and need, development of alternatives, operating plans, ridership forecasts, capital and operating and maintenance costs, funding and FTA applicable provisions.

Geary Street Alternatives Analysis, San Francisco County Transportation Commission. Provided guidance on FTA provisions including funding and project development.

Oakland BRT, Alameda County Transit. Provided guidance on FTA project funding and project development requirements.

San Antonio Streetcar Study, VIA Transit provided guidance on FTA’s program.

Director of FTA’s Office of Project Planning. Managed virtually all aspects of FTA’s New Starts program leading to a funding commitment. This included technical assistance for and oversight of project sponsors’ conduct of planning and project development studies, oversight of the reliability of the information produced, evaluations and ratings of projects and recommendations of worthy projects for funding. The program included research to improve forecasts of transportation and economic development benefits, studies of the performance of projects versus their forecasts, establishment of before-and-after studies, and workshops and presentations on the procedural and technical aspects of the New Starts program and good practices in planning and project development. Ron has made innumerable presentations at workshops and conferences sponsored by FTA, APTA, TRB, the World Bank and other transportation organizations.

Policy and Regulation Development Project Experience

- Led FTA development of all policy guidance relating to changes in the New and Small Starts program. This included eligibility, ratings, technical requirements, and NEPA processes.
- Led FTA development of “Small Starts Interim Guidance”, which addresses eligibility, evaluation and project advancement procedures for smaller projects.
- Led FTA development of a new regulation governing New Starts and Small Starts eligibility, evaluation and project advancement.
- Served as key FTA speaker in all outreach relating to policy guidance, and the New and the Small Starts regulation.

Analytical Procedures Project Experience

- Managed and developed technical guidance for the projects seeking New and Small Starts funding in the areas of alternatives development, operating and capital cost estimation, land use and economic development impacts, travel forecasting, financial planning, assessment of risk and before-and-after data collection and analysis.
- Managed FTA's program of oversight of the analytical procedures and results for New and Small Starts studies to ensure they adhered to best professional practices and FTA requirements.
- Developed and taught courses to the transit community on analytical procedures appropriate for New and Small Starts projects.

Planning Project Experience

- Managed and developed guidance on planning procedures for New and Small Starts projects.
- Reviewed cost estimates, operating plans, financial plans and travel forecasts made in alternatives analysis.
- Developed and taught courses on alternatives analysis and made numerous presentations on good planning practices.

A - Name and Title**Micheal Frelich**

Database Development

B - Years of Experience

Jacobs: 1 years

Other: 8 years

C - Education

Pursuing A.A. Engineering,
Hillsborough Community
College, (projected
graduation 12/2012)

D - Professional**References**

David L. Bilyeu,
(727)-644-7085

Steve Myers, Executive
Director, Lee County Transit,
(239-533-0322)

Bob Clifford, AICP,
Executive Director, Tampa
Bay Area Regional
Transportation Authority,
(813-951-8220)

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Frelich is a civil designer in the Jacobs North American Infrastructure Group in Tampa. His previous experience includes production and development of roadway plans after nine years in site design and survey work.

Tampa Bay Area Regional Transportation Authority Pinellas County Alternatives Analysis, Pinellas County, FL, Planner. As one of the priority projects identified by TBARTA following the adoption of the Master Plan, the Pinellas County Alternatives Analysis will identify transit options that improve Pinellas County's and West Central Florida's quality of life. In doing so, the study looks to implement fixed-guideway transit service connecting major residential, employment, and activity centers in Pinellas County to Hillsborough County and potentially to future High Speed Rail Services. Provide Conceptual Engineering support for project through analysis of specific criteria.

Revisions to JPA/LFA Project Tracker, FDOT District 1 GPC Contract, Bartow, FL, Database Management. Performed functional and design modifications to current Project Tracker database, including appending table data for form input selection, modifying form input formats, removing and/or combining form elements, report creation/modification based on desired criteria, filtering and creating reports based on selectable agreement type and project number(s), and search button functionality based on data with no relationship to current form. Additional efforts included creation of a "Report Generator" form to facilitate the organization and creation of reports by the user.

Pinellas County Quality Communities Code, Pinellas County, FL, Database Management. Pinellas County is revising its land development and zoning regulations into a new sustainability-based and redevelopment-focused Qualities Community Code (QCC). The QCC is funded through the federal government's Energy Efficiency and Conservation Block Grant (EECBG) program and will help implement the County's recently adopted Comprehensive Plan, which promotes new ideas of sustainable development through energy conservation, resource protection, reuse of existing housing stock, seeking a sustainable balance between housing and jobs, and encouraging alternative forms of transportation. Designed and built the contact and comment database, assisted with survey development, and other tasks as needed.

138th Avenue and Bruce B. Downs Boulevard intersection Improvements, Hillsborough County Public Works, Lead Designer.

Currently providing design services and construction documents for intersection improvements along 138th Avenue and Bruce B. Downs Boulevard as part of an existing Hillsborough County General Services Contract. Design services include the production of design criteria documentation, pavement design calculations and design and plans production of roadway improvements, including widening and milling and resurfacing existing roadway, driveways and ADA features.

Florida Avenue and Bearss Avenue Intersection Improvement PD&E, Hillsborough County Public Works, Lead Designer. Provided PD&E design services and conceptual plans for widening improvements on Bearss Avenue at Florida Avenue. Design services included alternatives layout design, typical section design, driveway connection design, cost estimates and limits of right-of-way and wetland impact determination.

Bearss Avenue and 22nd Street Intersection Improvements PD&E, Hillsborough County Public Works, Lead Designer. Provided PD&E design services and preparation of conceptual plans for right turn lane widening on Bearss Avenue at 22nd Street. Design services included improvements design, typical section design, driveway connection design, and limits of right-of-way impact determination.

U.S. 19 (S.R. 55) Continuous Right Turn Lane, Segment 6, FDOT District Seven, Pasco County, Designer. Design storm sewer system for roadway improvements that provide continuous right turn lanes. Storm sewer system design includes basin delineation, roadside swale and/or ditch grading (rural areas), spread calculation (urban areas), and system capacity analysis in conjunction with Drainage Engineer's pond design.

Marigold Ave at Walnut St., Intersection Improvements, Polk County, FL, Designer. Provided design services and preparation of construction documents for intersection improvements on Marigold Avenue at Walnut Street. The improvements included widening of Marigold Avenue to accommodate the addition of turn lanes, existing road side ditches and drainage structure adjustments, and utility coordination. Roadway plans completed using Autodesk Civil 3D.

Banyan Senior Apartments, Beneficial Communities, Port Richey, FL, Designer. Provided design services and preparation of construction documents for 96 unit senior apartment building. Improvements included entire site design (including on-site storm system designed to acceptance and convey 20 ac of off-site stormwater run-off), connection to U.S. 19 under design for improvements, adjacent bus stop location design and coordination, and off-site utility coordination and design.

Spring Lake Subdivision, Metro Development, Hillsborough County, FL, Designer. Provided design services and preparation of construction documents for 342 ac multi-phase mixed use (single and multi-family-1134 units, with 2.2 ac of commercial) development, with internal road extension and adjacent road improvements (Rhodine Road). Improvements included entire site design (grading, storm sewer, and water and sewer system), storm design for road extension, coordination with Rhodine Road improvements, off-site utility improvements along Rhodine Road, and environment impact/restoration coordination.

A - Name and Title

Katie Habgood

TIP Maintenance

B - Years of Experience

Jacobs: <1 year

Other: 6 years

C - Education

M.A., Urban and Regional Planning, University of Florida, Gainesville, Florida, 2005

B.S., Communications University of Florida, Gainesville, Florida, 2002

D - Professional**References**

Jeff Welch, AICP, Knoxville TPO, (865) 215-2500

Amy Brooks, Knoxville TPO, (865) 215-2500

Vicki Simms, Gatlinburg Chamber of Commerce, (865) 436-4178

F - Number of Crew Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms Habgood has worked for a multi-county MPO with air quality issues and specialized in developing the Long Range Transportation Plan as well as the Transportation Improvement Program (TIP). She coordinated the public outreach for both plans and implemented the agency's first web-based TIP.

Knoxville Regional Transportation Planning Organization (TPO), Knoxville, TN, Transportation Planner. Ms. Habgood managed the Long Range Transportation Plan for the TPO through two full updates including accommodating air quality non-attainment requirements.

Ms Habgood also managed the Transportation Improvement Program (TIP) on a daily basis and during the creation of a new Program. She coordinated TIP amendments and adjustments with member jurisdictions, the state DOT, and federal partners.

Ms Habgood also produced Corridor Studies for member jurisdictions in addition to serving as the project manager for a Corridor Management Plan for the America's Scenic Byways program.

Her other agency experience ranged from Executive Board and Technical Committee administrative duties to assisting in the running of the organization, to providing staff support for technical writing and presentations.

Pinellas County Alternatives Analysis, Pinellas County, FL, Transportation Planner. Ms. Habgood has assisted in the research and preparation for TOD Scenario group meetings. The group explored how transit investment could impact the growth of jobs and population in Pinellas County.

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A - Name and Title**Eric Heinz**

Data Management

B - Years of Experience

Jacobs: 1 years

Other: 9 years

C - Education

Florida State University:
M.S.P., Urban & Regional
Planning, 2001

D - Professional**References**

Franco Saraceno, Gannett
Fleming, (813) 767-8342

Terry Mckloski, URS, (850)
574-3197

Chunyu Lu, RS&H, (813)
636-2604

F - Number of Crew**Assigned**

N/A

G - Registrations

N/A

American Planning
Association (APA), Member

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Heinz is a senior transportation planner with ten (10) years of experience in performing travel demand modeling and transportation planning analyses. Tasks include handling project management duties, preparing future travel demand forecasts, performing traffic operational analyses and preparing and analyzing transportation data. Experienced in the use of the following transportation-related software packages: ArcGIS, the Florida Standard Urban Transportation Model Structure (FSUTMS), TRANPLAN, Cube Voyager, Synchro, CORSIM, Highway Capacity Software (HCS) and ARTPLAN.

Jog Road/Florida's Turnpike Interchange Justification Report, Florida's Turnpike Enterprise, Broward County, FL. Task Manager/Project

Planner responsible for developing travel demand forecasts using FSUTMS for a new interchange. Also responsible for analyzing potential design alternatives, which included determining existing peak-hour traffic, developing design traffic forecasts and performing existing and future operational analyses.

Tampa Bay Regional Transportation Analysis, Phase VIII, IX, X, XI FDOT District Seven, Tampa, FL. Senior Transportation Planner

responsible for providing travel demand modeling support to the ongoing effort of maintaining and updating the Tampa Bay Regional Planning Model (TBRPM). The project also involved providing travel demand modeling for the long-range transportation plan (LRTP) development and adoption for the four Tampa Bay MPOs as well as Citrus County. Responsibilities also included participating in the design, implementation and data analysis for various travel characteristic and on-board transit survey efforts in the Tampa Bay region.

West Coast Florida Regional Transit Master Plan (TBARTA), FDOT District Seven, Subconsultant contract under Jacobs Carter Burgess.

Project Manager responsible for multiple aspects of travel demand model development and alternatives analysis. Responsible for providing project coordination, travel demand forecasting and technical support services for the purpose of developing a regional transit master plan for the seven-county West Central Florida region.

I-75 Project Development and Environmental Study, Tampa, FL, FDOT District Seven.

Project Manager responsible for model validation and travel demand forecasting for the I-75 corridor PD&E study from Moccasin Wallow Rd. to Fletcher Avenue using the West Central Florida Regional Planning Model.

Tampa Rail Plan, 2009 Early Planning Work, Hillsborough Area Regional Transit (HART) Authority. Senior Transportation Planner

responsible for assisting with travel demand modeling for the Tampa Rail Project, which also included updating the purpose and needs statement for the project; and screening of the three corridors selected in 2003 as the Locally Preferred Alternative.

FSUTMS Transit to Highway Speed Relationships Study, FDOT Central Office.

Subconsultant to Cambridge Systematics, Inc. Task Manager responsible for the collection, review and aggregation of the raw data obtained from Tampa Bay and Jacksonville Transit Speed Studies. Performed detailed statistical analysis to determine the significant variables impacting the transit to highway speed relationship. In addition, developed transit to highway speed curve recommendations based linear regression analysis.

HEFT Widening (Kendall Drive to SR-836), Project Traffic Memorandum, Florida's Turnpike Enterprise. This Florida's Turnpike study analyzed potential operational concepts for advancement to PD&E. Developed the existing peak hour traffic, determined the design traffic forecasts and performed the existing and future operational analysis.

Veterans Expressway Widening (Memorial Highway to Van Dyke) Technical Traffic Memorandum, Florida's Turnpike Enterprise, Hillsborough County, FL. Project Planner/Task Manager responsible for a study that analyzed potential operational concepts for widening this section of highway for advancement to the project development and environmental (PD&E) stage. Determined existing peak-hour traffic, developed design traffic forecasts and performed existing and future operational analyses.

Hurlburt Field Traffic Impact Analysis, U.S. Department of Defense. Task Manager responsible for coordinating and summarizing data collection efforts, conducting traffic forecasts and performing operational analyses to assess the traffic impacts of military facility expansion projects at Hurlburt Field – Soundside, Fort Walton Beach, Florida.

Northeast Regional Planning Model (NERPM) Speed and Delay Study, FDOT, District Two. Duval, Nassau, Clay and St. Johns Counties, FL. Project Manager responsible for the development and implementation of a methodology for collecting travel speed and delay data. Additional duties included managing the project-related activities of staff members and coordinating work efforts with subconsultants.

US 17 Transportation Improvement Study, FDOT District Two. Forecasted and produced design traffic estimates for operational analyses in future years 2012, 2022 and 2032 to help identify cost-effective roadway capacity and operational improvements.

Growth Management: FDOT District Two. Provided support in the review of Developments of Regional Impact throughout FDOT District Two. Coordinated and assisted in developing the FDOT District 2, Annual LOS Report.

Santa Fe Health Park Development of Regional Impact (DRI) Traffic Impact Analysis, Alachua County, FL, AvMed. Project Manager responsible for the preparation of traffic impact analyses for a DRI located in Alachua County. These analyses included the use of FSUTMS modeling software to project future overall and project-generated traffic volumes and trip distribution, as well as the use of HCS and Synchro software to conduct level-of-service and capacity analyses.

Tri-County Villages Development of Regional Impact (DRI) Traffic Impact Analysis, Marion, Lake and Sumter Counties, FL, The Villages. Project Planner/Task Manager for the preparation of traffic impact analyses for a DRI located in Sumter, Lake, and Marion Counties. These analyses included the use of FSUTMS modeling software to project future and project-generated traffic volumes and trip distribution, as well as the use of HCS and Synchro software to conduct level-of-service and capacity analyses.

Site Development Traffic Impact Analyses, Various Locations, FL, Various Clients. Task Manager responsible for conducting traffic concurrency, signal warrant and turn-lane analyses for commercial, residential and mixed-use developments throughout northern Florida.

A - Name and Title

Jim Kessler

Graphics/Web/Animation
Task Lead

B - Years of Experience

Jacobs: 11 years

Other: 6 years

C - Education

M.A., Architecture, Georgia
Institute of Technology,
Atlanta, Georgia, 1999

B.A., Architecture and
Design, University of Florida,
Gainesville, Florida, 1993

D - Professional**References**

Brent Byers

Principal Design Architect

Jacobs

2705 Bee Cave Road,
Suite 300

Austin, Texas 78746-5688
(512) 426-7563

Joel Putterman

Principal - Urban Design +

Planning

Jacobs

One Concourse Parkway
Suite 600

Atlanta, GA 30328
(770) 778-4444

Norma Edwards

US Army Corps of Engineers

Project Manager

Fort Worth District

P.O. Box 17300

Fort Worth, TX 76102

Norma.G.Edwards@usace.a
rmy.mil

(817) 886-1367

F - Number of Crew

Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Kessler provides master planning and visualization services on large-scale construction projects for clients in government, commercial industry, higher education, and recreational settings. By integrating varied computer-based tools and processes, Jim collaborates with his clients to identify and articulate their facility related needs and requirements and then translates these into visual projections. From his background in architecture, Jim is able to work with his clients from initial design through the construction completion phase. Through his designs and visual modeling, Jim helps his clients make informed decisions about the future appearance of their proposed facilities and surrounding location. Jim's projects include creating visualizations of existing buildings/projects combined with new proposed structures or new projects on green field sites. He renders conceptual projects and structures into graphic/web-based, photographic/raster, or video formats.

Tampa Bay Water Desalination Visualization, Tampa Bay, FL. Served as Visualization Specialist selecting and rendering several paint schemes for a water plant. Jim's design minimized the visual impact of the plant's tower, which was originally painted white and located adjacent to a coal-fire plant.

Florida Department of Transportation, Marco Island Bridge

Visualization, FL. Served as Visualization Specialist and created multiple 3D visualizations and animation of bridge design, following DOT regulations and situated next to an existing, older bridge.

Florida Department of Transportation, Jewfish Bridge Visualization, FL.

Served as Visualization Specialist and created multiple 3D visualizations of bridge design and roadway expansion.

Florida Department of Transportation, Hwy 17/92 Construction Phasing

Visualization, FL. Served as Visualization Specialist and created multiple/phased 3D visualizations of a bridge replacement design and roadway expansion.

Fort Bliss Program Visualization, El Paso, TX. Developed and delivered an 8 minute video representing over \$1B in building and infrastructure design. Assisted design principal in developing architectural character designs for several areas of the post (over 20 buildings).

NSA-HRSOC, Waihewa, HI. Assisted design development for the Hawaii Region Security Operations Center and delivered a 3 minute animation of the final design.

2007 Abu Dhabi Polymers Company, Kemaweyaat City Design.

Developed a 2 minute animation for a 6,000 acre new city near Abu Dhabi.

Glasko Smith Kline Data Center, Philadelphia, PA. Created a 3 minute animation representing the construction and design of a 150,000 sf facility.

Centers for Disease Control Roybal & Chamblee Campus Master Plans, Atlanta, GA. Served as Visualization Specialist and developed and delivered master planning services including 3D visualizations.

New Jersey Department of Transportation, Goethals Bridge

Visualization. Served as Visualization Specialist and created multiple 3D visualizations of bridge design. Composited 4 new bridge designs into existing photography and produced animations of each design.

NIOSH NPPTL Laboratory Visualization, Pittsburgh, PA. Served as Visualization Specialist and created 3D visualization of proposed laboratory in existing site.

FedEx Shipoint Retail Concept Design and Visualization, Atlanta, GA.

Served as Designer of a new collaborative entity between FedEx and Shipoint.

Cork Aer-Rianta Airport Visualization, Cork, Ireland. Served as Visualization Specialist and created animated visualization of airport addition and surrounding 4 square miles.

Southern Research Institute Master Plan Visualization, Birmingham, AL.

Served as Visualization Specialist/Planner and created visualizations of campus master plan.

A - Name and Title

John S. Kulpa, PhD

FTA Coordination

B - Years of Experience

Jacobs: 30 years

Other: 1 years

C - Education

PhD, Business Management

D - Professional**References**

Jane Shang, Assistant City
Manager El Paso, (915)
541-4327

Keith Parker, VIA Chief
Executive Officer, (210)
362-2050

Alison Schulze, Lone Star
Rail District (512) 589-2709

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Dr. Kulpa's administration and management experience for urban transportation and highway development projects transportation projects covers construction values up to \$9 billion across the United States and abroad. Representative of this diverse experience are roles as planning manager for the Lone Star Rail District rail program connecting Austin and San Antonio in Texas and two major heavy rail extension projects in Miami, Florida; the North Corridor and the East West Corridor. He has worked on major airport projects, most notably the LAX Security and LAX Advanced Planning projects in Los Angeles from 2002 to 2005 and the California High Speed Rail Program from 2000 through 2005. He also served as program manager for a series of transit and arterial highway improvement projects valued at over \$32 million for the Los Angeles Department of Transportation from 1997-2000 from initial planning and conceptual design through project implementation and construction.

Bus Rapid Transit Alternatives Analysis, City of El Paso, El Paso, TX, Project Manager. Supported the City in developing the Bus Rapid Transit (BRT) system plan and developing the Alternatives Analysis in accordance with Federal Transit Administration procedures. Key challenges include FTA coordination and coordinating the on-street BRT operation with vehicular traffic, pedestrians, bicyclists and on-street parking considerations.

Austin to San Antonio Passenger Rail EIS/EA, Lone Star Rail District, San Marcos, TX. Project Manager. Responsible for leading the alternative alignment definition and EIS for this 117-mile long rail segment planned for the existing Union Pacific Railroad (UPRR) freight rail corridor. Tasks included alignment definition, screening of alternatives, station site identification, conceptual engineering, environmental analysis, cost-estimating, financial planning, interagency coordination, UPRR interface and public outreach. Leading a multidisciplinary team of 18 subconsultants under the direction of the Lone Star Rail District.

General Planning Consultant for Transit Services, VIA, San Antonio, TX. Project Director. Leading a varied team of transit professionals, architects, designers and planners in a series of assignments to develop transit services in VIA's service area of Bexar County, Texas. Key tasks include the developed of a 2035 system plan which could include various transit modes including Bus Rapid Transit, streetcar, light rail, express buses and HOV/HOT lanes on freeway segments; the development of an initial starter segment feasibility study for a fixed rail streetcar system in the downtown core of San Antonio; and an evaluation of current paratransit services in Bexar County operated by VIA. All of these assignments involve close coordination with VIA, the City of San Antonio, Bexar County and a myriad of federal, state and local agencies as well as a very robust public involvement element with multiple workshops, summits and public outreach meetings.

California High-Speed Rail Authority Program EIS/EIR, Los Angeles to San Diego, CA. California High Speed Rail Authority, Sacramento, CA. Project Manager. Responsible for leading the alternative alignment definition and programmatic EIS/EIR for this 150-mile long high-speed rail segment. Tasks included alignment definition, screening of alternatives, station site identification, environmental analysis, cost-estimating, and public outreach. Led a team of up to 16 subconsultants in concert with four other segment teams and the program manager under the direction of the California High-Speed Rail Authority.

Arterial Bus Speed Improvement and HOV Program, City of Los Angeles Department of Transportation, Los Angeles, CA. Program Manager. Assigned to the Los Angeles Department of Transportation to implement the Los Angeles HOV and bus transit priority program, a \$29 million series of projects to implement HOV lanes, BRT, bus priority, and other transit improvements on city streets. Oversaw the design and construction of the Figueroa Corridor Transit improvement project during the development of the Staples Center arena, and worked on the street improvements and traffic planning in advance of the 1999 Democratic National Convention which was held at Staples Center. This was a fast-track schedule to get this project done for the 1999 Democratic National convention requiring plenty of advanced planning and coordination with City and State agencies contractors and private entities.

A - Name and Title**Lynda Mifsud, AICP**

Support for Transportation
Coordinating Board and
Transportation
Disadvantaged Planning
Options Task Lead; Quality
Assurance/Quality Control
for other disciplines

B - Years of Experience

Jacobs: 2 years

Other: 29 years

C - Education

B.S. in Business and
Commerce, University of
Houston, 1981

D - Professional**References**

Joe Quinty, Transportation
Planning Manager, South
Florida Regional
Transportation Authority,
quintyj@sfrta.fl.gov
(954) 788-7928

Clark Jordan-Holmes, former
Hillsborough Area Regional
Transit (HART) General
Counsel, (813) 712-1700

John Sedlak, Vice President,
Metropolitan Transit
Authority of Harris County,
Houston (METRO),
jsedlak@ridemetro.org,
(713) 739-4601

F - Number of Crew

Assigned

N/A

G - Registrations

(See Attached)

American Institute of
Certified Planning, American
Planning Association

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Mifsud has 31 years of transportation planning experience, specializing in transit, environmental and financial planning. As Environmental Planning Manager for Houston METRO, she managed work of consultant and staff in the preparation of statements, assessments and reports; provided compliance support to design teams relative to performance objectives; conducted numerous successful Section 106 historic property reviews, Section 404 Clean Water Act permit review, environmental and socio-economic review processes, and public outreach campaigns. In Houston, Lynda took a leadership role in the development of an air quality improvement plan for the region adopted by the state to attain EPA's health standards and worked with METRO's Engineering and Operations to reduce emissions from bus fleet and construction activities. As Construction/Contracts Manager for HART's Engineering Division in Tampa, Florida, Lynda was responsible for all phases of planning and construction for transit infrastructure including NEPA compliance, funding and grants management, cost estimating, schedules, easements acquisition and agreements, site selection, design and engineering, permitting, contracts, and construction management. As Senior Financial Planner during the 1980's for independent exploration and production companies, Lynda provided budgeting and strategic planning expertise in addition to deal structure scenarios for mergers and acquisitions.

Broward County 2035 Long Range Transportation Plan, FL, Sr. Project Manager. Responsible for drafting and editing of the LRTP reports which formulated priorities for premium high-capacity transit corridors in Broward County, Florida. A full range of technologies and system elements were analyzed for consideration in the Cost Feasible 2035 LRTP.

Central Broward East-West Transit Draft Environmental Impact Statement, FDOT, Fort Lauderdale, FL. This Florida Department of Transportation project is planned to serve east/west travel demand for a 20-plus mile corridor involving diverse urban and suburban development patterns. Lynda is serving as task lead for the Conceptual Design for the Modern Streetcar, the technology selected for one of the Build Alternatives to minimize cost and neighborhood consequences, and for consistency with a downtown streetcar project under separate study.

Northern Layover/Maintenance Location Study. South Florida Regional Transportation Authority. Managed the assessment of space needs, property search and evaluation of alternatives for Tri-Rail commuter rail layover and maintenance needs in Palm Beach County at the northern end of the tri-county service area. This study led to project development and environmental assessment scheduled to begin in July 2011.

Tampa Bay Area Regional Transportation Authority (TBARTA), Tampa, FL, Sr. Project Manager. Provides ongoing support with legislative status updates to track key developments affecting transit and transportation; provides expertise in scope development for priority projects entering the federal AA/EIS process, provide senior quality control for program management and documentation.

Pinellas County Transit Alternatives Analysis (AA), Pinellas County, FL. Provides ongoing quality control for documentation in support of the alternatives analysis process scheduled for completion in December 2011.

Tampa Historic Streetcar Extension IIa, HART, Tampa, FL, Project Manager. Managed the project through the Supplemental EA, developed

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performance criteria for a design/build project delivery, conducted a design charrette for the new end-of-line station, and negotiated utility relocations with the City of Tampa. The extension opened December 2010, on time and within budget. Tampa's system continues to be a catalyst for economic development.

Tampa Rail Project, HART, Tampa, FL. Provided Engineering Department support in framing up strategy and scopes of work for the re-start of the New Starts process and related corridor study for a project that was previously withdrawn from the federal process during preliminary engineering. This project had received a record of decision but was withdrawn due to lack of funding.

Alternatives Analysis METRO Solutions, Houston, TX, Environmental Planning Manager. Managed the public and agency NEPA scoping process for the initiation of Alternatives Analysis for five METRORail expansion corridors, namely, the North, Southeast, East End, Southwest and Uptown corridors.

Alternative Analysis/Final Environmental Assessment for the Downtown to Astrodome Light Rail Project, Houston, TX, Environmental Planning Manager. Managed the public process and documentation of social, economic and environmental consequences and benefits for Houston METRO's starter line which was held to a high standard as the community and federal reviewers scrutinized plans for this 7.5 mile in-street starter line. Economic development was the foremost purpose of the project, a benefit that continues to be realized along the corridor. Most adverse consequences were minimized and the project enjoyed broad public acceptance that led to extensions now in construction.

Regional Bus Plan Project by Project Environmental Reviews, Houston, TX, Environmental Planning Manager. Projects were processed for environmental clearance according to the class of action warranted for each individual component of the Regional Bus Plan under a Full Funding Grant Agreement. Types of projects included Downtown Transit Streets (CE), Downtown Transit Center (EA), Katy/CBD Ramp (FONSI/FONE), Shepherd/Durham Transit Center (FONSI), ITS (CEs), Northwest Transit Center/Inner Katy Connector (CE), Westpark HOV Lane (FONSI and non-jurisdictional determination).

This certificate hereby qualifies

Lynda Mifsud, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 024508



Paul Farmer, FAICP
Executive Director and CEO



Paul Inghram, AICP
President



The American Planning Association's
Professional Institute
**American Institute
of Certified Planners**

Making Great Communities Happen

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A - Name and Title**Brandie Miklus**

Coordination and Evaluation

B - Years of Experience

Jacobs: 4 years

Other: 1 years

C - EducationB.A., Mass Media Studies
Communication , Florida
State University, 2003M.S., Planning, Florida State
University, 2007.**D - Professional
References**Amy Ellis, TBARTA, (813)
282-8200Heather Sobush, Pinellas
MPO, (727) 464-8200Lynn Merenda, Hillsborough
MPO, (813) 273-3774, ext.
342**F - Number of Crew**

Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Miklus is a planner with a background in communications and transportation planning. She specializes in public engagement for transit and regional transportation projects, innovative community outreach techniques such as telephone-based Town Hall meetings and social media platforms, as well as online communications including creation and maintenance of project websites. Ms. Miklus also has experience in transportation disadvantaged service evaluation, grant writing for capital improvement projects, and land use analysis.

Cost Affordable Plan Public Outreach, Hillsborough County Metropolitan Planning Organization, Hillsborough County, FL, Task Manager. The Hillsborough County MPO recently completed the update to the Long Range Transportation Plan (LRTP) through the year 2035. The MPO Board has placed a high priority on providing multimodal transportation choices that will improve livability, sustainability, mobility, accessibility, and connectivity as well as support strong economic growth for Hillsborough County. In developing the Cost Affordable Plan's list of projects derived from both the needs and desires of the community, public contribution is imperative to ensuring the plan is one that will be successful and supported by the community. Extensive public engagement was completed through traditional and innovative channels to provide an open dialogue with the citizens of Hillsborough County and ensure their participation in making the 2035 LRTP a joint effort. Public outreach included efforts such as a 15-minute video, Facebook and Twitter updates, a Telephone Town Hall meeting, and a Speakers Bureau program.

Community Transportation Coordinator (CTC) Evaluation, Hillsborough MPO, Planner. The Transportation Disadvantaged Coordinating Board (TDCB), established by the Hillsborough MPO, is responsible for overseeing the transportation disadvantaged program in Hillsborough County, which is operated by the Community Transportation Coordinator (CTC). It is the responsibility of the TDCB to evaluate the transportation disadvantaged services provided by the CTC and to evaluate their performance. Ms. Miklus managed preparation of the evaluation report and workbook, including the survey database to incorporate the survey respondents' comments and rankings.

Tampa Bay Area Regional Transportation Authority (TBARTA), West Central FL, Planner. The TBARTA Regional Transportation Master Plan project examined regional transit and managed lane facility needs for the movement of passengers and goods in West Central Florida. The analysis included determining corridor and transportation mode choices that best meet regional needs for mobility, as they relate to economic development, access to housing and jobs, and maintaining quality of life. Ms. Miklus has been working on public and agency participation, which was and continues to be a proactive, broad-based, and intensive process designed to reach a broad audience. Through various channels including the TBARTA website, Facebook and Twitter accounts, telephone Town Hall meetings, electronic newsletters, regular email updates, live and online community workshops, Public Service Announcements broadcasted in regional television markets, media alerts, and televised TBARTA Board meetings, the public engagement program reaches out to the public on an ongoing basis.

Pinellas Alternatives Analysis (AA), Pinellas County, TBARTA, the Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA), FL, Planner and Public Engagement Team Leader. This study is being conducted for TBARTA, the Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA) to look at premium transit options connecting the major activity centers in Pinellas County – Clearwater, Gateway area, and St. Petersburg. The AA will evaluate feasible alternatives and identify a preferred alternative, as consistent with the TBARTA Master Plan. Following the Federal Transit Administration's New Starts Guidelines for an AA, the major work efforts for this study will include extensive public engagement, a Purpose and Need statement, alignment options, capital and operations/maintenance cost estimates, year 2035 forecasted ridership estimates, identification of potential economic, social and environmental impacts, and the recommendation of a Locally Preferred Alternative. Ms. Miklus has worked extensively to ensure the success of the public engagement program associated with the Pinellas AA, including developing the Public Involvement Plan, creating and maintaining the project website, partnering with Pinellas County Communications on electronic televised Telephone eTownHall meetings, developing survey instruments, social media, official messaging, and coordinating with project teams and agency partners.

Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grant Program, City of Tampa, Planner. The City of Tampa submitted a program of projects to the TIGER Discretionary Grants Program through the American Recovery and Reinvestment Act. The projects were chosen because they will immediately improve the City's economic recovery and competitiveness through the creation of jobs and the residents' quality of life. The projects include the revitalization of 22nd Street, as part of the East Tampa Revitalization Project; Segment 10 of the Tampa Riverwalk, in order to connect the Riverwalk underneath the Brorein Street Bridge to the completed Riverwalk; and three Downtown Tampa bridge revitalizations. Ms. Miklus assisted in the writing of the five grants for the TIGER Discretionary Grant Program.

Grant and Management Plans, Blueprint 2000 Intergovernmental Agency, Tallahassee, FL, Planning Intern. Prepared and wrote grants and management plans for land acquisition and infrastructure projects within the City of Tallahassee and Leon County.

Coastal Land Use Analysis and Mapping, Florida Planning & Development Lab, Tallahassee, FL, Research Associate. Performed telephone interviews with local planners and elected officials. Performed spreadsheet-based data analysis.

A - Name and Title

Brett Nein, RLA, ASLA
Transit Centers

B - Years of Experience

Jacobs: 8 years
Other: 19 years

C - Education

B.L.A., Landscape
Architecture, University of
Florida, 1984

A.A., Liberal Arts, Broward
Community College, 1980

Florida Uniform Building
Code Training, 2007,
American Society of
Landscape Architects

Florida Highway Landscape
Design, 2006, ASLA/FDOT

**D - Professional
References**

Jeff Carter, FASLA, State
Transportation Landscape
Architect, FDOT
Environmental Management
Office, Tallahassee, FL (850)
414-5267

Townsley Schwab, Sr.
Director, Monroe County
Growth Management
Division, Planning &
Environmental Resources,
Marathon, FL (305) 289-
2500

Harris Hamid, P.E., Director
of Engineering, City of
Oakland Park, FL (954) 630-
4475

**F - Number of Crew
Assigned**

N/A

**G - Registrations
(See Attached)**

Registered Landscape
Architect, Florida
(LA0001156), 1987

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Nein, with more than 27 years of professional experience in Urban Design & Planning Unit in the state of Florida. He is a registered Landscape Architect in Florida and has served as the Florida Chapter president for the American Society of Landscape Architects. His expertise includes planning services, landscape architectural services, and public agency work, as well as client representation, extensive project management, and contract execution. Mr. Nein has been involved in a full range of projects types from small commercial and high-end residential sites to the management of multi-phase/multi-parcel Developments of Regional Impact. He also has additional experience as an expert witness in landscape and environmental case matters, which serve to complement his private work with issues of public concern. Currently, Mr. Nein serves as the Chair of the Wilton Manors, Florida Planning & Zoning Board, and as a School Board Member, appointed on the School Board of Broward County Florida, Facilities Task Force.

FDOT PD&E Manual Chapter 15 / Aesthetics, FDOT-CMO, Tallahassee, FL, Project Manager. Leading current effort to re-write a completely new Aesthetics Effects chapter for the PD&E manual. The final draft integrating current national strategies for aesthetic improvements to transportation infrastructure has been completed, and will be moving through adoption procedures in early 2011. Additional work is proceeding to develop a separate Aesthetics manual for professionals use in Florida.

TOD, City of West Palm Beach, West Palm Beach, FL, Project Manager. Serving as a consultant for the Treasure Coast Regional Planning Council and the City of West Palm Beach CRA. Providing development feasibility studies, master planning, infrastructure evaluation and preliminary architectural massing studies for this future intermodal facility. The facility is planned to contain State and County Departments of Health offices, American Red Cross offices and the Palm Tran county offices as well as residential, retail, hotel and private offices.

US 1 Corridor Enhancement Plan, Monroe County, FL, Principal Landscape Architect. Jacobs prepared plans to establish design guidance for enhancements to US 1 from Sugarloaf Key (MM 16) to Little Torch Key (MM 29). Objectives were to identify a community vision for the corridor, analyze existing conditions restricting/limiting improvements, formulate a set of alternatives for corridor improvements, build community consensus on the preferred enhancements and develop an alternative(s) implementation plan.

Redevelopment of Service Plazas at Turkey Lake, Florida Turnpike Enterprises, Okahumpka, Canoe Creek, Fort Drum, West Palm Beach & Pompano Beach, FL. Principal Landscape Architect. Providing site design coordination and landscape design for the redevelopment of the plazas all seeking LEED's silver certification, under a 'design-build-operate' program. Includes landscape, hardscape & irrigation design CD's and construction phase services. Design is completed, with construction proceeding in 2011.

Flagler County National Scenic Byways, Flagler Beach, FL, Principal Landscape Architect. Provided park planning & roadway aesthetic improvements including four gateway structures in Flagler County and the City of Flagler Beach. Concurrently developed a cohesive historical interpretive program for the corridor based on the CME's vision, site locations & construction feasibility. Also assisted the City in creation of an Overlay Zoning District, and a Design Guidelines Handbook.

North City Gateway, City of Oakland Park, Oakland Park, FL, Project Manager. Provided master plan design and subsequent bid documents for this 15 acres. Plans called for significant signage features designed to complement the adjacent pedestrian and vehicular traffic routes and incorporate new streetscape elements that work with the Gateway features. Bid documents included plans for landscaping, irrigations, special paving, signage, and site furnishings.

South City Gateway, City of Oakland Park, Oakland Park, FL, Project Manager. Provided master plan design and subsequent bid documents for this 5 acres. Plans called for significant signage features designed to complement the adjacent pedestrian and vehicular traffic routes and incorporate new streetscape elements that work with the Gateway features. Bid documents included plans for landscaping, irrigation, special paving, signage and site furnishings.

Gateway Signs, City Oakland Park, Oakland Park, FL, Project Manager. Developed a unified design theme and alternative implementation elements for a menu of identity options within this rapidly redeveloping eastern seaboard City. Utilizing the City's newly adopted logo and their traditional City Seal, we are creating a complimentary selection of signage and gateway entry features (without signage) that will be implemented throughout the City at a variety of 'tiers' of entrance points.

I-95/Oakland Park Boulevard, Interchange Improvements, Oakland Park, FL, Project Manager. The City of Oakland Park, with the City of Wilton Manors, commissioned Jacobs to prepare conceptual plans for the interchange of Oakland Park Boulevard and I-95 in central Broward County. This interchange serves as a Gateway to both Cities and is being cooperatively funded by Florida Department of Transportation (FDOT) under their own Greening Gateways initiative. The interchange covers over 50 acres and carries some of the highest daily traffic volumes in South Florida. Landscape and irrigation construction plans are being provided to facilitate final permitting and installation. Jacobs will also provide construction phase services.

Provinces, Development of Regional Impact (DRI), St. Lucie County, FL, Urban Design Manager. Served as a consultant for a 733-acre planned 'new town' community with a unique location and property configuration. Current master plan includes more than 4,300 new residential units in a wide range of housing types/prices, a two-million square foot urban village, hotel and conference/event center, middle school, fire station, mass transit transfer site, and civic activity site. Commences with Phase 1 Plans for the first PUD and PNRD. The master drainage plan was approved by SFWMD in December 2006 with the complete project approvals in mid 2007.

Powerline Road Improvements, City of Oakland Park, Oakland Park, FL, Senior Landscape Architect. In connection with the Broward Beautification Program, Jacobs provided landscape and irrigation designs for the highway median beautification along Powerline Road, from Oakland Park Boulevard to Prospect Road. Jacobs has now been approved to prepare final bid documents, complete the permitting and provide construction phase services.

AC# 4711409			STATE OF FLORIDA	
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE				
SEQ# L09110501605				
DATE	BATCH NUMBER	LICENSE NBR		
11/05/2009	098087016	LA0001156		
The LANDSCAPE ARCHITECT Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2011				
NEIN, BRETT A 800 FAIRWAY DRIVE SUITE 190 DEERFIELD BEACH		FL 33441		
CHARLIE CRIST GOVERNOR		CHARLES W. DRAGO SECRETARY		
DISPLAY AS REQUIRED BY LAW				

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A - Name and Title

David Nelson

Freight and Goods
Management/Intermodal
Planning Task Lead

B - Years of Experience

Jacobs: 17 years
Other: 16 years

C - Education

B.A., Bates College,
Lewiston, ME, 1974

M.C.R.P., City and Regional
Planning, Harvard University,
Cambridge, MA, 1978

D - Professional

References

Alice Cheng, NYC EDC
(347) 277-4424

Professor Jean Claude Ziv,
Chaire Logistique Transport
et Tourisme,
+33.609.873.626

Gwen Chisholm Smith,
Transportation Research
Board (202) 334-3246

F - Number of Crew

Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Nelson is nationally known and internationally recognized for his expertise in transport planning, operations and economic analysis. With more than 30 years of experience, he brings a pragmatic, transportation-centered perspective to a wide variety of projects. Mr. Nelson has an in-depth, working knowledge of many North American public transportation agencies. Before joining Jacobs as Director of Transit Planning in 2006, Mr. Nelson was the Director of Transportation Systems Analysis for KKO and Associates for 12 years, providing transit planning and operations analysis for railroads and transit authorities worldwide. Prior to joining KKO, Mr. Nelson was the Assistant Director of Planning and Manager of Transit Applications for the Massachusetts Bay Transportation Authority and the Manager of Planning and Administration for the Boston & Maine Railroad.

New York City Economic Development Corporation, New York City Cross Harbor Freight Study, New York, NY. Led elements of a multi-firm project team evaluating alternatives to improve freight access between New York City/Long Island and the balance of the continent. Developed rail transportation scenarios that would prevail with alternative investment packages and prepared these scenarios as inputs to the transportation demand forecasting elements of the project. Also supported the environmental and engineering evaluation of alternatives by translating changes in demand for rail freight service into requirements for train movements and rail infrastructure.

Conservatoire National des Arts et Métiers, Paris, France, *Visiting Professor of Transportation and Logistics* (2010), Developed and delivered two-semester course on transport and logistics management and operations for undergraduate and mid-career students in the Conservatoire's two year logistics professionals program.

Integrated Rail Corridors: The Business Case for Shared Track Transit Operations, Washington, DC. For the Federal Railroad Administration, Mr. Nelson managed the market assessment, case study and business planning tasks for a team charged with demonstrating the feasibility and making a business case for allowing light passenger railroad cars to concurrently operate on track operation shared with conventional railroad equipment. Mr. Nelson's team reviewed operating procedures and regulatory approaches for shared-track operations domestically and overseas. Areas of concern including train control, liability, cost-sharing, staffing, reporting, and emergency recovery were addressed. Communications and signaling technologies for a shared-track environment were also highlighted.

City of Chicago, Air Express Study, Chicago, IL, In 2003, the City of Chicago was considering a possible major investment to improve the quality of transportation between downtown Chicago and its two major airports. The planned Chicago Airport Express would be an express CTA rail transit service between Chicago's downtown Loop and Chicago's O'Hare and Midway airports. The new CTA service would use specially equipped railcars to provide non-stop service for airport travelers, checked baggage, and package express freight traffic. Mr. Nelson led portions of team that that evaluated the potential utility of the proposed new service for the movement of packages and freight between downtown and the airports. Mr. Nelson designed, tested, administered and analyzed three surveys of the potential markets and users of this exciting transportation initiative.

Massachusetts Port Authority, Mystic Wharf Rail and Haul Road Study, Charlestown, MA. The Massachusetts Port Authority's Mystic Wharf is part of Boston's Port District and supports active industrial and commercial waterfront activities including an automobile transload facility, a cement plant and a gypsum wallboard manufacturing facility. The wharf is also served by a 1.5-mile branch of the Boston and Maine Railroad that was historically instrumental in moving maritime cargo by rail. Mr. Nelson contributed rail expertise to on-dock rail service to the Wharf while addressing neighborhood conflicts over trucks passing near residential streets when traveling to and from the wharves. Mr., Nelson provided expertise in railroad operations, railway engineering and policy analysis to develop a workable plan and cross-section for the combined rail/road facility on the historic rail right of way.

City of Chicago, Chicago Shipper and Survey Analysis, Chicago, IL. Project Manager as part of an extensive team studying the economic importance and impact of rail freight service in greater Chicago. Designed and conducted both mail and telephone surveys of Chicago area shippers to learn more about their shipment patterns, economic characteristics, future plans and attitudes towards rail, intermodal, and non-rail freight services. The shipper surveys were conducted to create two response pools for analysis: shippers that use rail (rail users) and shippers that do not use rail (non-rail users). Developed economic models to evaluate the local impacts of several alternative rail investment and operating policy scenarios.

New York City Metropolitan Transportation Council, New York City Regional Freight Plan, New York, NY. Led the rail team working for NYMTC to develop a regional freight plan that would minimize the overall cost and improve the reliability of freight movement for the nation's most populous metropolitan area. New York City Economic Development Council, NYC Intermodal Goods Study, New York, NY Project Manager for feasibility study considering strategies to improve rail mode share for freight movements to and from New York City and Long Island, leading to Mayor Giuliani's 1997 commitment to building a dedicated rail freight tunnel under the Hudson River.

Housatonic Valley Council of Elected Officials, Multi-Modal Suburban Interstate Highway Development Study, Newtown, CT. Transit and rail specialist for a team of planners and traffic engineers that prepared a market based transportation and development plan for Exit 9 on Interstate 84 in Newtown, Connecticut. Developed intermodal transportation planning and design principals, projected traffic volumes and roadway capacities, estimated the phased costs of transportation related components, and developed a cost benefit analysis. The plan's objectives were to devise a set of development incentives and zoning regulations that would guide land use and growth in the largely undeveloped vicinity of the highway exit in a manner that was conducive to multimodal travel and environmentally friendly development while simultaneously fostering economic development. The Advisory Committee of the Housatonic Valley Council of Elected Officials and the study team received an award for innovation and excellence from the Connecticut Chapter of the American Planning Association in October, 1997

A - Name and Title

Karl Peterson, PE

Highway, Traffic and Safety
Data Task Lead

B - Years of Experience

Jacobs: 9 years

Other: 13 years

C - Education

M.S., Civil Engineering,
1990, North Carolina State
University

B.S., Civil Engineering,
1988, North Carolina State
University

**D - Professional
References**

Mr. Patrick Glass, P.E.
FDOT District Four
(954) 777-4681

Mr. Ray Holzweiss, P.E.
FDOT District Four
(954) 777-4425

Mr. Mark Lubelski, P.E.
City of Sunrise, FL
(954) 746-3288

**F - Number of Crew
Assigned**

N/A

**G - Registrations
(See Attached)**

Professional Engineer,
Florida (49847), 1996

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Peterson is Manager of Jacobs' South Florida North American Infrastructure Unit. He has served as Project Manager and Task Manager for a variety of transportation projects and is knowledgeable of current trends in transportation planning and traffic engineering. He has a firm understanding of community issues and has assembled strong project teams while maintaining constant communication with the client and close coordination with reviewing agencies. Before joining Jacobs, Mr. Peterson served as Vice President and Project Manager for a Florida transportation-consulting firm and was responsible for company-wide production management, budgeting, negotiations, and marketing for public and private sector clients.

Planning/Project Development and Environment (PD&E) Studies

Mr. Peterson performed and/or supervised all aspects of the PD&E and corridor study process. He has conducted analyses of transportation/land use relationships, travel demand estimates and forecasts, impact analysis and cost analysis and financial feasibility. Mr. Peterson has also prepared design traffic memos, project need statements, alternatives analyses and conducted extensive public involvement plans on highly controversial projects.

Municipal Services

As Project Manager and primary contact for several cities in South Florida, Mr. Peterson has advised staff and elected officials on issues regarding site planning and design, traffic impacts, access management evaluations, site circulation, land use planning, location of landscaping, signal warrant studies, signing and marking and parking facilities.

Transportation Services for Land Development

Mr. Peterson has conducted more than 400 transportation studies for private land development clients. His services have included traffic impact analyses, development of regional impact studies (DRI), parking studies, access management evaluations, and concurrency audits. These studies were conducted throughout Florida, primarily from the Florida Keys to Palm Beach County.

Airport Planning

Mr. Peterson has been involved in a wide range of airport- and aviation-related planning activities. These include preparing airport site selection studies, terminal area analyses, and airport master plans. He also has conducted air traffic control tower location studies, environmental assessments, and performed statewide aviation system planning. After performing data collection and analysis at all public airports in North Carolina, Mr. Peterson developed activity forecasts and infrastructure requirements for each airport in a 20-year plan.

Infrastructure, Privatization and Finance

Since 1993, Mr. Peterson has been involved in multiple transportation-related finance studies, including tollroad feasibility studies, privatization studies, and congestion pricing evaluations. He also has performed research and drafted enabling legislation resulting in the creation of the Miami-Dade County Expressway Authority (MDX).

Traffic Operations and Safety Studies

As part of several work order contracts with FDOT Districts Four and Six, Mr. Peterson conducted and assisted in more than 150 traffic operational and safety studies. The studies included crash diagrams and analyses, signal warrant studies, intersection analyses, travel time and delay studies, queuing analyses, and pedestrian studies.

New River CSX Railroad Bascule Bridge PD&E Study, FDOT District Four, Fort Lauderdale, FL, Project Manager. This PD&E Study involves a Scherzer Rolling Lift railroad bridge constructed in 1927 over the New River. This bridge has been determined to be structurally deficient and the project team is evaluating rehabilitation options as well as bascule, rolling lift and vertical lift replacement options. Other options considered include a 40 foot diameter tunnel and a fixed span bridge with 55 feet of vertical clearance. This project involves extensive Section 106 coordination as well as regular USCG and marine industry involvement.

SR 93/I-75 & Pembroke Road Interchange PD&E Study, FDOT District Four, Pembroke Pines/Miramar, FL, Project Manager. The study included the analysis of the mainline adjacent interchanges, and proposed interchange using CORSIM simulation software as the main analysis tool to determine the operational characteristics of I-75 with and without the proposed interchange in place. Three alternatives were evaluated as part of the study, including the baseline 'no-build' condition, single point urban interchange and tight diamond interchange alternative. In addition, as part of the study the alternatives were evaluated to determine environmental impacts resulting from the proposed interchange.

SR25 / US 27 Action Plan, FDOT District Four, Broward County, FL, Project Manager/Task Manager. Developed a long-range plan for the preservation and implementation of mobility strategies within the US 27 corridor in southern Broward County.

University Drive PD&E Study, FDOT District Four, Fort Lauderdale, FL, Project Manager. Providing engineering and planning services to complete the PD&E study for the extension of University Drive in Broward and Palm Beach Counties. Public involvement and consensus building are the primary challenges of the project. Jacobs is responsible for completing the Public Involvement Plan, assessing community impacts of each proposed alternative, assisting with public involvement, completing traffic analyses for each proposed alternative, preparing the Design Traffic Memorandum, and finalizing roadway design for the preferred alternative.

VMS Management Plan for Transit, FDOT District Four, Fort Lauderdale, FL, Project Manager. Provided development of a management plan to integrate variable message signs with Tri-Rail services in District Four. Assisted FDOT with research regarding the organizational structure of MPO's. Contract management and administrative tasks associated with the Growth Management Contract. Made a presentation to elected officials on the different transit technologies and their applications.

Traffic Engineering Services, City of Tamarac, Tamarac, FL, Project Manager. Jacobs provides, on an as needed basis, traffic engineering consulting services to the City of Tamarac, Florida. These services include review of traffic impact reports, site plans for land development, and field observations to assess traffic conditions. Reviewed applications for development. Provided traffic engineering, transportation planning and access and site planning to city staff and elected officials.

Traffic Engineering Services, City of Sunrise, Sunrise, FL, Project Manager. Serves as the traffic consultant to the City of Sunrise located in Broward County. As such, the firm reviews applications for new development within the City. The reviews focus on the layout of proposed site plans, access issues, internal site circulation, and traffic impacts. We provide advice to the City regarding traffic-related problems found in Sunrise.

State of Florida

Board of Professional Engineers

Attests that

Karl B. Peterson, P.E.

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES
EXPIRATION: 2/28/2013 P.E. LIC. NO:
AUDIT NO: 228201303287 49897

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A - Name and Title**Tracy Phelps**

Congestion Management
Process and Corridor
Planning Task Lead; Data
Collection and Preparation;
Crash Data

B - Years of Experience

Jacobs: 3 years
Other: 18 years

C - Education

B.S., Construction
Engineering, Lawrence
Institute of Technology,
Southfield, Michigan, 1985

Transportation Engineering
classes, University of Central
Florida

**D - Professional
References**

Waddah Farah, FDOT
District Seven, (813) 975-
6440

Lee Schafer, Seminole
County, (407) 665-5674

Bryan Walker, Seminole
County, (407) 665-7337

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Phelps brings 21 years of transportation planning experience. He has worked on District One GEC projects and has performed traffic engineering analysis and conceptual design duties while completing the District's Congestion Management Report for 2008 and 2009. Mr. Phelps has experience in PD&E including research and assessment of proposed bus routes, review and analysis for roadway intersections field reviews for intersection design, review and analysis of arterial corridors, preparing access management plans and preparation of public hearing documents.

Chrome Avenue Access Management Report, FDOT District Six, Miami Office. Mr. Phelps performed a Quality Control review for an Access Management Draft Report being done by the Jacobs Office in Miami. Mr. Phelps ended up drafting the report for the Miami office.

Pinellas Alternatives Analysis, FDOT District Seven & TBARTA. Mr. Phelps analyzed the traffic operational effects of transit along corridors and at signalized intersections. Also analyzed were Transit Signal Priority options along the proposed transit route.

Congestion Management Analysis, FDOT District One. Mr. Phelps analyzed identified problem intersections throughout District One. He conducted field reviews and existing data collection. Engineered design concepts for each of the identified locations and determined the cost of each conceptual improvement. A threshold analysis was performed for each conceptual improvement to determine service life. Findings were documented in a Technical Memorandum.

SR 60 Corridor/Mobility Study, SR 60 from Valrico Road to Dover Road, FDOT District Seven, Hillsborough County, FL. Mr. Phelps performed alternatives analysis; delay, arterial, LOS, queuing, safety/crash and threshold analysis for existing conditions and proposed alternatives. Other duties included LRE cost estimates, access management review and recommendations, minor signal optimization, and the draft report.

Interchange Analysis, FDOT District One. Mr. Phelps analyzed the interchange at I-75 and Golden Gate Parkway in Collier County in District One. Mr. Phelps conducted field reviews and existing data collection. He engineered design concepts for each of the identified locations and determined the cost of each conceptual improvement. Mr. Phelps performed traffic analysis for each conceptual improvement and performed crash analysis for the interchange. Findings will be documented in a Technical Memorandum. (2010)

Hillsborough County PD&E Study & Traffic Engineering Report. Mr. Phelps is performing alternatives analysis; delay, arterial, LOS, queuing, safety/crash and threshold analysis for existing conditions and proposed alternatives. Other duties included LRE cost estimates, condition diagrams, access management review and recommendations, signal optimization, and the draft reports. (2010)

FIHS Studies, FDOT District Seven. Mr. Phelps performed field reviews, existing conditions assessments and threshold analysis for four interchanges (I-275@ Fowler Ave., I-75@Gibson Road, I-4@Park Road & I-4@ County Line Road) and one intersection (US 41 @ SR 54). Performing a corridor / mobility study on SR 60 from Valrico Road to Dover Road. Designed the conceptual improvements in microstation and developed cost estimates for each alternative improvement. (2009-present)

Tampa Bay Area Regional Transportation Authority (TBARTA). Included research and assessment of existing conditions for proposed TBARTA routes.

I-75 Hillsborough PD&E Study, FDOT District Seven. Mr. Phelps analyzed and documented the findings for the possibility of High Speed Rail within the I-75 corridor. Mr. Phelps also drafted the Project Development Engineering Report, Project Development Summary Report and The Preliminary Alternative Analysis Memorandum for the I-75 PD&E study.

Hillsborough County Traffic Engineering Report, Hillsborough County. Mr. Phelps performed field review for the intersection and designed the proposed intersection conceptual improvements in microstation. Performed cost analysis, generated report graphics (condition and collision diagrams) and assisted in the development of the report.

I-75 Sarasota PD&E Study, FDOT District One. Mr. Phelps assisted in the preparation of the public hearing documents including the newsletter and handouts. Attended Public Hearing rehearsals and commented as appropriate.

TBARTA (Tampa Bay Area Regional Transportation Authority). Mr. Phelps's duties included research and assessment of existing conditions for proposed TBARTA routes.

I-75 Charlotte, HDR. Provided Quality Control and Peer reviews for the design project of widening I-75 in Charlotte and Lee counties.

Seminole County. Mr. Phelps worked in the Planning and Development Department performing plans review for compliance with the Seminole County Land Development Code, FDOT Roadway and Traffic Design Standards, Manual of Uniform Traffic Control Devices, FDOT driveway Handbook, and other traffic and safety standards. Mr. Phelps was also a three year volunteer on the Seminole County Community Traffic Safety Team (CTST). Attended monthly CTST meetings and provided engineering recommendations to the team at high crash locations, fatal crash locations and other problem intersections and roadway segments. (1998-2008)

Traffic Operations, FDOT District Five. Mr. Phelps worked in the Pushbutton Contract Section of the Traffic Operations Department, assisting in managing the pushbutton contract program. Duties included preparing contract documents for pushbutton projects, geometric design of minor roadway improvements (median modifications, turn lanes), traffic signal design (new signals, signal upgrades), system timings design and traffic analysis. Work included designing signal and roadway plans, providing quantity calculations and cost analysis, working with utility companies to solve utility conflicts, coordinating with other municipalities, providing construction inspection of the project, reviewing final quantity calculations and invoices, and providing any other project engineering related to each project. Additional duties included turn on and final traffic signal inspections for all work related to traffic signalization for FDOT District Five and plan reviews for Consultant plans for pushbutton and work program projects. Mr. Phelps also provided assistance to Consultants for pushbutton project design and contract interpretation.

A - Name and Title
Scott Pringle, AICP
Corridor Planning

B - Years of Experience
Jacobs: 5 years
Other: 6 years

C - Education
B.A., Environmental Design,
State University of New
York, 1998

**D - Professional
References**
Elba Lopez, Public Transit/
Intermodal Administrator,
FDOT District Seven, (813-
323-1065)

Beth Alden, AICP, Manager
Multi-Modal Transportation
Planning, Hillsborough
County MPO, Tampa, FL
(813) 272- 5940

Heather Sobush, Pinellas
MPO, (727) 464-8200

**F - Number of Crew
Assigned**
N/A

**G - Registrations
(See Attached)**
American Institute of
Certified Planners (AICP)

H - DBE Documentation
N/A

E - Other Relevant Experience and Qualifications

It is Mr. Pringle's responsibility to balance strong strategic planning, technical data, and people-friendly presentation. His organization skills, coupled with his abilities in communication and consensus-building, make him an excellent choice to assist in the successful completion of plans and products. With ten years of experience, he specializes in coordinating transportation and land use planning, transit and pedestrian service analysis, corridor plans, master planning, and sustainable development.

General Planning Consultant, Hillsborough MPO, Hillsborough County, FL, Task Manager. Services provided under this contract include a Downtown Tampa Access Study (2003), Jobs Access Technical Update (2004), Transit Quality of Service Evaluation (2004), Downtown Transportation Vision Plan (2005), Northeast Plant City Master Plan (2006-2007), Community Transportation Coordinator Evaluation (2006), Capital Improvement Element Annual Update Template (2006), and determination of cost feasible projects for the Long Range Transportation Plan Update for 2035 (2009). Scott is responsible for management of contract tasks including the development of the Long Range Transportation Plan.

University of South Florida Area Multimodal Transportation District, Hillsborough County MPO, FL, Task Manager. To improve mobility around the University of South Florida's Tampa campus, Hillsborough County Planning and Growth Management, and the MPO are developing a multimodal improvement plan. Scott is serving as task manager with responsibility of developing of a program of pedestrian, bicycle and transit improvements, cost for those improvements, and funding mechanisms for the improvements. Planning for this project involves coordination of various stakeholders through meetings and public workshops.

Tampa Bay Area Regional Transportation Authority (TBARTA), FDOT Regional Transportation Master Plan, West Central Florida, Technical Team Leader. In support of the newly created Tampa Bay Area Regional Transportation Authority (TBARTA), FDOT pledged technical support in order for TBARTA to meet a legislated mandate of a Regional Transportation Master Plan adoption by July 2009. This project will examine regional transit and toll facility needs for a 6,000 square mile area in West Central Florida while ensuring movement of passengers and freight. At the completion of the master plan, priority corridors will be studied through the Federal Transit Administration (FTA) Alternatives Analysis and NEPA processes and prepared for implementation. Scott served as technical team leader with responsibility to oversee all technical efforts of this multi-county project, including oversight of sub-consultants and routine coordination with FDOT.

Downtown Largo Multimodal Plan, City of Largo, Pinellas County, FL, Project Manager. Starting in January of 2009, The Downtown Largo Multimodal Plan identifies multimodal needs that include bicycle, pedestrian, and transit projects to support alternatives to personal vehicle travel within the City. The Plan serves as a platform to develop and program multimodal improvements. The Multimodal Plan also considers land use, land development, and urban form policies established by the City which support development and redevelopment patterns that, though its density, diversity, and site design, creates an urban fabric which promotes multimodal travel. Mr. Pringle served as the primary client contact and project manager, overseeing all aspects of the Plan.

J.N. "Ding" Darling National Wildlife Refuge, Alternative Transportation in Public Parks and Lands (ATTPL), Lee County, FL, Deputy Project Manager. Starting in January of 2008, this ATPPL project is in cooperation

with Lee County Transit (LeeTran), the City of Sanibel Florida, and the National Wildlife Service. The ATPPL project is a federal program grant awarded to LeeTran to J.N. “Ding” Darling National Wildlife Refuge in managing their visitation through alternative means of transportation while meeting the primary goal of providing sanctuary to wildlife. As a result of the close relationship between J.N. “Ding” Darling National Wildlife Refuge and the City of Sanibel, consideration was also given to the impact of refuge visitation on Sanibel Island and potential effect alternative means of transportation. Scott is responsible for all team coordination and coordination with all stakeholders. He is an integral part of the day-to-day operations of the project and is also responsible for technical analysis of alternative transportation scenarios, island carrying capacities, and public involvement.

Bayshore Gateway Triangle Redevelopment Agency, Collier Count, Naples, FL, Deputy Project Manager. Contract with Collier County to provide on-call services for traffic engineering and planning services. Project efforts have included the planning and preliminary engineering design of two corridors within the Bayshore Gateway Triangle CRA for the County Transportation Planning Department. Recommendations are coordinated with the Collier CRA to meet objectives and address the needs of the affected communities through public involvement. The study provided a systematic approach to identifying a preferred design to meet future transportation and land use demands and achieves consensus with the study objectives set forth by the Collier County Government and the CRA.

Multimodal Transportation District Designation, City of Temple Terrace, Technical Lead. Improving on the success of the Multimodal Systems – Three Cities study, The City of Temple Terrace was interested amending their comprehensive plan with policies to designate a Multimodal Transportation District. Scott served as technical lead with responsibility to oversee the development of a program of multimodal improvements, cost of those improvements, and a methodology that was used to implement proportionate “fair share” ordinances. Scott was also involved in coordination with FDOT and DCA on the implantation of these amendments.

Northeast Plant City Master Plan, Plant City, FL, Task Leader. Working with property owners, elected officials, and representatives from local, regional and state agencies to create conceptual land use scenarios and identify implementation steps. The completed master plan established a vision of the future development pattern desired in this area and was endorsed by the City of Plant City, Hillsborough County and the Hillsborough Metropolitan Planning Organization. Mr. Pringle worked closely with the identified land use scenarios to effectively determine its impact on transportation. Mr. Pringle was also involved in coordinating with the City and FDOT on concurrency issues related to the recommend improvements.

Strategic Regional Transit Needs Assessment, FDOT District Seven, FL, Planner. Two-year study of transit needs in eight-county area: Citrus, Hernando, Hillsborough, Manatee, Pasco, Pinellas, Polk and Sarasota. Includes development of a long-term vision of how transit can serve/shape the region by providing opportunities for connections between regional centers; economic development in key corridors; and funding flexibility, including R/W preservation. Also includes exploration of transit performance criteria to help FDOT determine how to maximize resources/opportunities for funding transit services in the region. Intensive agency coordination and outreach to the counties, MPOs, and transit authorities has been accommodated through agency briefings, presentations, and land use scenarios workshops.

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

Scott R. Pringle

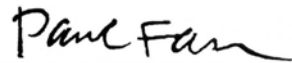
as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: **020198**

July 11, 2005



PRESIDENT



EXECUTIVE DIRECTOR

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A - Name and Title

Jill Quigley, AICP

Livability Planning Task Lead

B - Years of Experience

Jacobs: 9 years

Other: 8 years

C - Education

M.S., Urban & Regional
Planning, Florida State
University, 1995

B.S., Biology, Tulane
University, 1992

**D - Professional
References**

Khalilah Ffrench, FDOT,
(954) 677-7898

Rick Buckeye, City of
Oakland Park, (954) 630-
4345

Wilson Fernandez, Miami-
Dade MPO, (305) 375-1886

**F - Number of Crew
Assigned**
N/A**G - Registrations
(See Attached)**

American Institute of
Certified Planners (14802),
1999

H - DBE Documentation
N/A**E - Other Relevant Experience and Qualifications**

Ms. Quigley brings 17 years of transportation planning experience. She provides planning expertise on a variety of the firm's projects including transportation planning, municipal planning, growth management, environmental planning, and land use studies. Recent project experience includes the Central Broward East-West Transit DEIS; the Hillsborough County Future Growth Scenarios and the US-1 Corridor Enhancement Plan.

I-595/Central Broward East-West Transit Alternatives Analysis/DEIS, FDOT District Four, Fort Lauderdale, FL, Project Manager. Selected by FDOT District Four to lead the next phase of the Central Broward East-West Transit Analysis project. It includes preparation of a Draft Environmental Impact Statement for a 20-mile light rail line. Other major tasks in the project include identification of 16 station locations, conceptual engineering, evaluation of Minimum Operable Segment alternatives, and preparation of a New Starts submittal to enter into Preliminary Engineering.

Station Area Development, Fort Lauderdale, FL, Project Manager. As part of the Central Broward Project, Jacobs conducted research about station area development area around rail transit stations. The purpose of the research was to identify the key issues that affect the implementation of station area development, as well as to identify different station area planning processes. The research considered rail transit systems throughout the United States and selected seven as study candidates. Our team prepared a white paper addressing the seven areas and lessons learned.

Strategies for Integration of Sustainability and the Transportation System, Miami-Dade Metropolitan Planning Organization, Project Manager. As part of a general services contract with the MPO, Jacobs was selected to complete this task, whose purpose is two-fold: (1) to analyze current trends in sustainable transportation systems and (2) to develop and assess specific scenario plans using a range of evaluation measures. The key components of this study are coordination with a Study Advisory Committee comprised of representatives from various Miami-Dade County agencies and related entities; review current trends and practices in sustainability as it relates to the transportation system and document them in a literature review; develop sustainable transportation scenarios from strategies identified through the literature review; and evaluate the scenarios using the regional travel demand model and other appropriate tools.

City of Oakland Park, General Planning Services, Senior Planner.

Through a General Planning Services contract with the City of Oakland Park, Jill managed several planning tasks, including the City's 2005 Evaluation and Appraisal Report (EAR), the EAR-based comprehensive plan amendments in 2007, and the comprehensive plan related sections of the Water Facilities Supply Plan in 2008. Specific tasks included in these efforts were population estimates and projections, analysis of socioeconomic trends, public outreach, and drafting policy language.

Future Growth Scenarios, Hillsborough County City-County Planning Commission, Project Manager. Assisted the Hillsborough County City-County Planning Commission with the creation of future growth scenarios and developed an interactive software program to allow elected officials and members of the public to create their own growth scenarios for their County. The project raised awareness of the complex issues associated with long-range planning, particularly protection of natural resources, infrastructure costs, and economic and social conditions. We estimated the build out population and employment for the County and developed four future growth

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scenarios illustrating how this growth could be distributed. Scenarios were presented to the Planning Commission to use the interactive tool to create their own scenarios.

**Town of Davie Area-wide Development of Regional Impact (DRI),
Institute for Community Collaboration, Davie, FL, Project Manager.**

Retained by the Institute for Community Collaboration on behalf of the Town of Davie to complete the transportation analysis for an area-wide Development of Regional Impact (DRI). The area of interest is a 904-acre transit-oriented redevelopment. In addition to developing trip generation tables that account for internalization and pass-by trips, Jacobs identified appropriate trip reduction factors for the development of the area due to its focus on transit as the primary mode of travel. For example, allowing vehicle trip credit for the installation of transit shelters. A draft of the transportation methodology is complete and the project is awaiting a pre-application meeting to progress.

US 1 Corridor Enhancement Plan, Monroe County, FL, Project Manager.

An enhancement plan for the segment of US 1 extending from Sugarloaf Key (Mile Marker 16) to Little Torch Key (Mile Marker 29). The objectives of the study were to identify a community vision for the corridor, to identify and analyze existing designs and conditions that restrict or limit corridor improvements, to formulate a set of alternatives for corridor improvements, build community consensus on a preferred set of improvement alternatives and develop an implementation plan for the proposed alternative(s). Public outreach for the project included three community workshops where participants worked together to identify a range of improvements, aesthetic preferences, and a priority for the improvements.

Park and Ride Feasibility Study; City of Plantation, FL, Project Manager.

Jacobs is working with the City of Plantation to examine the feasibility of a system of park and ride facilities within the City's Midtown District. Specific tasks include future parking needs assessment, identification of potential facility sites, development of a conceptual site plan for one such site, and preparation of cost estimates. A key component of this project is ensuring that the facilities support the Plantation Midtown Trolley. Jill is responsible for managing the project and will identify appropriate land use policies and regulations that are needed to support the park and ride system.

Bikeway Feasibility Study, City of Tamarac, Tamarac, FL, Senior Planner.

Under our general engineering contract, Jacobs conducted a feasibility study for possible bikeways in the City. We assessed the existing conditions and identified potential economic benefits for the City that may result from the implementation of a bikeway system. As part of the study, we conducted a community workshop to get citizen input to determine need, possible locations, and potential costs of various locations and pathways.



THE AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JILL J. QUIGLEY

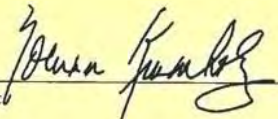
Has qualified as a

Member

with all benefits of a Certified Planner and responsibility to the
AICP Code of Ethics and Professional Conduct.

Membership Certificate Number 014802

July 1, 1999



President



Executive Director

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A - Name and Title

Corey Quinn, PE

ITS Infrastructure

B - Years of Experience

Jacobs: 5 years

Other: 7 years

C - Education

M.S., Business

Administration, University of
Central Florida, Orlando, FL
2006

B.S., Civil Engineering,
Florida State University,
2001

D - Professional**References**

Benton Bonney, PE,
City of Orlando,
(407) 246-3626

Bo Sanchez, PE, Florida's
Turnpike Enterprise (407)
532-3999

Javier Rodriguez, PE, FDOT
District Six, (305) 470-5341

F - Number of Crew

Assigned

N/A

G - Registrations

(See Attached)

Professional Engineer,
Florida (66098), 2007

Alabama (28321-E), 2006

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Quinn has provided innovative solutions to accomplish our clients' project objectives. Corey brings an assortment of experience to aid in client satisfaction, including estimating, many facets of design (ITS, highway, signalization, lighting, MOT), ITS and highway project management, construction management and construction inspection, as well as tolls project/program management.

City of Orlando ITS Design-Build, City of Orlando, Orlando, FL. Jacobs teamed with Miller Electric Company to provide ITS design-build services to the City of Orlando for Phase I of its Downtown ITS Master Plan, the City's first ITS design-build project. This was part one of the City's largest building projects ever—construction of the new Amway Center, a new performing arts center and renovation of the Citrus Bowl stadium. The project included a new fiber optic network, Dynamic Message Signs (DMS), video detection system (VDS), traffic surveillance cameras and enhanced traffic signal controllers. The Miller-Jacobs team was responsible for geotechnical investigation, survey, subsurface utility excavation, design, integration, utility coordination, permitting, MOT, demolition, construction, maintenance, testing, training and integration of the network field devices and software. This project was on an expedited schedule to coincide with the October 2010 opening of the Amway Center and was completed on time, with a customer satisfaction rating of 94.4%.

I-95 Ramp Signaling Implementation, FDOT District Six, Program Manager. This task is part of our existing Districtwide contract. This initiative includes integration, design, scheduling, budgeting, training, PIO and testing of 22 ramp signal sites in Miami-Dade County. This project includes RTMS and loop technology. Coordination includes software vendors, product vendors, FDOT staff and contractors. Our team is on track to reach the Department's North Bound public launch goal of February 2009. Corey has lead teams to minimize risk, meet deadlines, promote cost efficiency, and reduce traffic congestion for the traveling public on the I-95 corridor. This also included the integration of Cameras, and ramp metering controllers into SunGuide GUI.

I-95 Design-Build-Finance, FDOT District Five, Orlando, FL, ITS Engineer of Record. Relocated Wavetronix VDS and CCTV's to avoid conflicts for this Widening of existing four-lane I-95 to a 6-lane interstate highway, from north of Palm Bay Road to south of SR 519, and construction of a new interchange at Pineda Causeway extension. Utilized Smart Sensor HD to replace loops throughout construction process along the corridor. Provided timely ITS design services to release plan set for construction. Project is scheduled to be completed a year and a half early.

HEFT ORT (Open Road Tolling) Homestead and Bird Rd. Design-Build, Florida's Turnpike Enterprise (FTE), Miami, FL Deputy Project Manager. Managed multidiscipline project teams, including architectural, electrical and mechanical subconsultants. Produced and authored the incident management plan and maintenance of toll operations plan including detour routes, for the team. Reviewed plans for conflicts between multidiscipline plan sets. Determined toll conduit routes for toll plazas in an efficient manner to meet time restrictions. Innovated construction solutions for gantry fabrication issue. Facilitated "over the shoulder" review with FTE to accomplish design in seven weeks. Mr. Quinn provided public involvement support for this project.

Deerfield Toll Plaza Modifications Design-Build, Florida's Turnpike Enterprise, Project Manager, Broward County, FL. Managed multidiscipline teams, including roadway, TCP, drainage, survey, landscape architecture, geotechnical, architectural, electrical, and mechanical consultants for this design-build project. Made sure subconsultants fulfilled their contract in a timely manner and met Turnpike's quality expectations. Mr. Quinn also served as coordination lead with the Turnpike, CEI and the contractor. Produced and authored the incident management plan including detour routes, for the design-build team. Designed ITS plans as the ITS Engineer of Record. Led project team to achieve early completion bonuses by opening the east and westbound ORT lanes to traffic.

Sawgrass Expressway Widening II Design-Build, Atlantic to Coral Ridge, Florida's Turnpike Enterprise, Broward County, FL, Project Manager. Managed multidiscipline (ITS, Survey, Landscape Architecture, Geotechnical, SUE, roadway, structures and drainage) subconsultants and made sure each subconsultant fulfilled their contract in a timely manner and met Turnpike's quality expectations. Mr. Quinn also served as coordination lead with the Turnpike, contractor and adjacent construction projects personnel. Produced and authored the incident management plan including detour routes, for the design-build team. Reviewed plans for conflicts between multidiscipline plan sets.

MDX All Electronic Tolling (AET) Conversion of SR-924 (Gratigny), SR 878 and SR 874 Design-Build, Miami-Dade County, MDX, Deputy Project Manager. Responsible for designing tolls layout (FOC conduits, pull boxes, cabinets, etc.) for this \$23 million design-build project that included reconstruction of the existing Gratigny Toll Plaza, two new toll collecting gantries along SR-924, safety improvements east and west of the toll plaza and five additional toll collecting gantries along SR

Deerfield Toll Plaza Modifications Open Road Tolling (ORT) Design-Build, Florida's Turnpike Enterprise, Broward County, FL, Project Manager. Managed multidiscipline teams, including tolls, roadway, TCP, drainage, survey, landscape architecture, geotechnical, architectural, electrical, and mechanical consultants for this design-build project. Ensured subconsultants fulfilled their contract in a timely manner and met Turnpike's quality expectations. Mr. Quinn also served as the Project Manager with the Turnpike, CEI and contractor. Designed tolls plans as the Tolls Engineer of Record. Led project team to achieve both early completion bonuses by opening the eastbound and westbound ORT lanes to traffic.

I-95 Ramp Signaling Implementation, FDOT District Six, Program Manager This task is being executed through an existing district wide contract. This initiative includes integration, design, scheduling, budgeting, training, PIO and testing of 22 ramp signal sites in Miami-Dade County. This project includes RTMS and loop technology. Coordination includes software vendors, product vendors, FDOT staff and contractors. Our team reached the Department's public launch goal. Corey has lead teams to minimize risk, meet deadlines, promote cost efficiency, and reduce traffic congestion for the traveling public on the I-95 corridor. This is part of the www.95express.com managed lanes Tolls project.

DBPR - QUINN, COREY B, Professional Engineer

Page 1 of 1

8:58:47 AM 6/29/2011

Licensee Details

Licensee Information

Name:	QUINN, COREY B (Primary Name) (DBA Name)
Main Address:	194 BRISTOL POINT LONGWOOD Florida 32779
County:	SEMINOLE
License Mailing:	194 BRISTOL POINT LONGWOOD FL 32779
County:	SEMINOLE
LicenseLocation:	5750 MAJOR BLVD. ORLANDO FL 32819
County:	ORANGE

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	66098
Status:	Current,Active
Licensure Date:	04/06/2007
Expires:	02/28/2013

Special Qualifications	Qualification Effective
Civil	04/06/2007

[View Related License Information](#)

[View License Complaint](#)

Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 :: Call.Center@dbpr.state.fl.us :: Customer Contact Center:
850.487.1395

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<https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=5E37E16335FE50174...> 6/29/2011

JACOBS

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A - Name and Title
James Ratliff, AICP
Design Guidelines

B - Years of Experience
Jacobs: 1 year
Other: 9 years

C - Education
M.S., Planning, Florida State
University, Tallahassee,
Florida, 2006.

Graduate Certificate in
Urban Design, Florida State
University, Tallahassee,
Florida, 2006.

B.A., Humanities, University
of South Florida, Tampa,
Florida, 2001.

**D - Professional
References**

Bob Clifford, AICP,
Executive Director, Tampa
Bay Area Regional
Transportation Authority,
(813) 282-8200

Bradley Parrish, AICP, City
of Temple Terrace, (813)
506-6480

Thomas P. Schmitz, Richard
E. Jacobs Group, LLC, (440)
725-6575

**F - Number of Crew
Assigned**
N/A

**G - Registrations and
Certifications
(See Attached)**
American Institute of
Certified Planners, 2007
#021917, Planning

Florida Supreme Court
Certified Circuit Civil
Mediator, (23964R)

H - DBE Documentation
N/A

E - Other Relevant Experience and Qualifications

Over the past 10 years, Mr. Ratliff has provided public and private sector clients with technical expertise centered around the principle of client satisfaction. Mr. Ratliff's experience in a wide variety of planning areas, including schools planning, project and task management, development orders and agreements, zoning, comprehensive planning, multi-modal transportation district planning, rail-to-truck transfer facilities planning, water quality monitoring, and affordable housing, enable him to draw upon a broad experience base to accomplish project objectives. His ability to bring unique, out-of-the box thinking to bear on projects, contributes to better result for our clients.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan, Tampa Bay, FL, Task Manager, Land Use Coordination. The seven-county Master Plan determined a vision for corridor and mode options needed to meet regional demands for mobility choices in the Tampa Bay Area as they relate to economic development, access to affordable housing and jobs, and maintaining quality of life. As part of the on-going technical process, Mr. Ratliff assists with coordination of the TBARTA Land Use Working Group comprised of local, regional, and state planning agencies, developers, and the public, and the development of a Transit Oriented Development (TOD) Resource Guide of model policies, zoning standards, and other tools that promote TOD in the region.

Pinellas Alternatives Analysis (AA), TBARTA, Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA), Pinellas County, FL, Task Manager/Land Use Coordinator. This study is being conducted to look at premium transit options connecting the major activity centers in Pinellas County – Clearwater, Gateway area, and St. Petersburg. The AA will evaluate feasible alternatives and identify a preferred alternative, as consistent with the TBARTA Master Plan. Following the Federal Transit Administration's New Starts Guidelines for an AA, the major work efforts for this study will include extensive public engagement, a Purpose and Need statement, alignment options, capital and operations/maintenance cost estimates, year 2035 forecasted ridership estimates, identification of potential economic, social and environmental impacts, and the recommendation of a Locally Preferred Alternative.

Multimodal Transportation District Design Guidelines, City of Temple Terrace, FL, Task Manager. Responsible for developing design guidelines that have two levels of applicability: within the entire MMTD and within certain corridors and overlay areas. The guidelines addressed planning and design issues including connectivity, traffic calming, pedestrian and bicycle facilities, transit stops, parking and building orientation. Activities included consultation with a working group of planning partners, including making recommendations relating to potential Comprehensive Plan and Land Development Code updates to support implementation of the guidelines.

Cypress Creek Town Center, Richard E. Jacobs Group, Inc. and Sierra Properties, Pasco County, FL, Project Manager. Recent activities included preparing the Biennial Reports, filing of a Notice of Proposed Change, and drafting of a revised Development Order and Development Agreement conditions for complex transportation mitigation alternatives, and preparation of a Master Sign Plan and sign variance approvals package. Other responsibilities included assistance in the preparation of the Development of Regional Impact (DRI) Application for Development Approval (ADA) for this mixed-use project, located at the SR 56/I-75 interchange just north of the

Hillsborough County line. The major components of the project include a 1.5 million square foot regional mall, approximately 700,000 square feet of retail uses, 700 hotel rooms, 420,000 square feet of office, and 630 multi-family residential units.

State Road 52 State Environment Impact Report (SEIR), Cannon Ranch, LLC, Pasco County, FL, Project Planner. Assisted with the coordination of a team of planners and engineers to facilitate the submission of documents in support of the SEIR and FDOT's Efficient Transportation Decisionmaking Processes (EDTM) processes and ETAT review for an approximately three-mile portion of State Road 52. Necessitated as part of the Cannon Ranch DRI, the SEIR included additional work involving locating possible lands for rights-of-way acquisition.

General Planning Consultant, City of San Antonio, Pasco County, FL, Project Manager. Project Planner responsible for reviewing and making staff recommendations on a variety of land development applications. Responsibilities included coordination with the City Clerk, Engineer and Attorney, as well as answering questions and coordinating with the Mayor and City Council members.

Martin Marietta Materials Aggregate Transfer Facility, Martin Marietta Materials, Pasco County, FL, Project Planner. Responsible for preparing concurrent Master Planned Unit Development Rezoning and Planned Development Comprehensive Plan Amendment applications for an approximately 88.0 acre site in southeast Pasco County. Additional responsibilities included directing development of a master site plan for the rail-to-truck aggregate transfer facility and collocated asphalt plant, including preparation of variance applications and waiver justifications from various land development code requirements. These applications addressed issues such as compatibility of cross access, water quality issues, as well as noise, dust, vibration, and truck route impacts.

Clear Springs Sector Plan, Clear Springs Land Company, LLC, Polk County, FL, Project Planner. Responsible for preparing an existing conditions and housing analysis for an 18,000 +/- acre Sector Plan.

Multiple Projects, Alico Land Development, Inc., Polk County, Florida, Project Planner. Responsible for preparation of six planning and entitlement recommendation reports on land totaling approximately 10,630 acres. The process included utility analyses and assisting with preliminary master planning.

Lake Placid Groves DRI, Lykes Brothers, Inc., Highlands County, FL, Project Planner. Assisted in the preliminary master planning process for a +/- 2,150-acre site in central Highlands County. Responsible for the preparation of four development scenarios representing density/intensity variations for two master plan concepts.

Pasco Commerce Center, Pasco Industrial, Inc., Pasco County, FL, Project Planner. Responsible for developing a land use mix and entitlement scenario, as well as directing development of a master development plan, in support of an Employment Center Master Planned Unit Development rezoning application on approximately 168 acres northeast of Interstate 75 and State Road 52. Activities also included preparing variance, alternative standards and waiver justifications from various land development requirements, as well as preparing a narrative in support of the project's request for a limited exemption from its proportionate share requirements.

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

James Ratliff

as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: **021917**

June 28, 2007



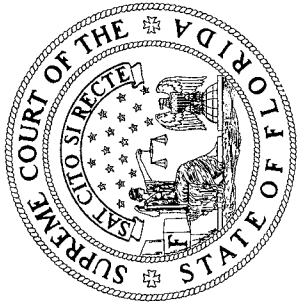
PRESIDENT



EXECUTIVE DIRECTOR

JACOBS

Supreme Court of Florida



this certifies that

James Ratliff

*having fulfilled the requirements of the Florida Rules for Certified and Court-Appointed Mediators 10.100(d)
is hereby certified as a CIRCUIT MEDIATOR from*

April 15, 2011 to April 15, 2013

in all judicial circuits of the state

Chas. T. Canady

Chief Justice

No. 23964R

A - Name and Title

Hollie Janson Schmidt

Mobility Options and
Transportation
Enhancements Task Lead

B - Years of Experience

Jacobs: 10 years

Other: 5 years

C - Education

Bachelor of Landscape
Architecture, 1995,
University of Illinois Urbana-
Champaign

D - Professional**References**

Tony Rodriguez, AICP
Manatee County
Transportation Planning
Official
1112 Manatee Avenue West
2nd Floor
Bradenton, FL 34205
(941).748.4501 x6879
Tony.rodriguez@mymanatee.org

John Connell
Orange County
Parks + Recreation
4801 W. Colonial Drive
Orlando, FL 32808
(407) 836-6242
John.Connell@ocfl.net

Kelly Jordan
Arabia Mountain Heritage
Alliance
Chair
3787 Klondike Road
Lithonia, Georgia 30038
(404) 522-8629
kellyjordan@earthlink.net

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Schmidt is a national specialist of urban design and planning and a Jacobs project manager. Her capabilities are rooted in landscape architecture but span a broad range of experience in master planning, site design and strategic planning. She is well-versed in the assessment, programming, appearance, optimization and shaping of outdoor spaces for complex clients with large facility and land holdings. Her talents cover a wide range of facets including large-scale master plans, feasibility studies, capacity studies, site selection studies, parks and recreational planning and programming, urban design, institutional planning, report creation, design and control guidelines, public meeting facilitation, marketing and presentations. Her clients run the spectrum of Federal Agencies with some focus in commercial, state and municipal markets. Her focus is towards front-end strategizing, visioning, consensus building, project coordination and management of multi-disciplinary teams with complex deliverables.

FDOT District One Trails Regional System Designation, Senior Planner

for a comprehensive plan to encourage the counties in FDOT District One to coordinate on a regional level and develop a seamless trails network. The goal of the study was to create an inventory of existing and planned trails that meet the criteria of regional. The process to determine a trail's regional significance will be used as a mechanism to fund future regional multi-use trails throughout the District.

Florida DOT Statewide Rest Area Long-Range Plan, Senior Planner

for a reassessment of the overall goals and priorities for the Florida Rest Area Program and recommendations for a Long Range Plan that comprehensively addressed the whole system. The scope of the study supported the following purposes: An investigation into the state-of-the-art practices for rest area facilities and services, a determination of the capability of Florida rest areas to serve projected travelers needs, and Recommendations for a plan for future rest area improvements.

Pensacola Bay Bridge 4(f) Evaluation, FL

This report develops, evaluates and compares four and six lane bridge alternatives to replace the 44-year old, functionally deficient three-mile long four-lane Pensacola Bay Bridge. There are two parks affected by the proposed bridge, Wayside Park on the Pensacola side and East Wayside Park on the Gulf Breeze side. Whether the bridge becomes a four or six lane does not change the fact that the bridge impacts the parks, the only thing it changes is the amount of park space the bridge will consume.

Route 22 Pedestrian Safety Study, New Jersey.

Pedestrian safety recommendations for a .5 mile section of Route 22 which serves as a thoroughfare and commercial corridor to the surrounding community. Proposed upgrades included signalized pedestrian crossings, sidewalk construction, improved bus stops, pedestrian bridge locations, identity creation and focal elements.

Ferguson Road Initiative (FRI) Community Charrette, Dallas, TX.

Based on the FRI Community Summit for Economic Development in October 2002 and through an interactive community charrette, Jacobs developed a concept plan to address possible development and redevelopment sites along Ferguson Road. This area includes established neighborhoods, elementary schools, parks and playgrounds, and ethnic and economic diversity. This plan successfully achieved the FRI goal of creating 500 jobs and \$50 million in investments over the next five years.

Site Selection for an Environmental Education Center, Orange County, FL. In an effort to showcase the natural environment and encourage the community to become stewards of the land, Orange County explored the opportunity of locating an Environmental Education Center in the eastern portion of the County. Three sites were identified as the potential location for the Environmental Education Center. Jacobs was tasked to analyze these sites against an established set of criteria in order to determine the best possible location for the Center. Avalon Park Site Evaluation – As a follow-on to the Environmental Education Center Site Evaluation project, Avalon Park was weighed against the same criteria as the previous three properties to determine its suitability to house the education center.

Fort Christmas Park Master Plan Update, Orange County, FL. Project Manager for the update to the existing Fort Christmas Park Master Plan layout and rendering. The existing park contains historical “Florida Cracker Homes” representing various timeframes that have been either acquired or replicated. A recent acquisition of an adjacent 113 acre parcel will significantly expand the park and Jacobs is under contract to master plan the new parcel.

Moss Park Master Plan, Orange County, FL. Project Manager for the creation of a master plan for the 50 acre “day use” area of Moss Park. Traditionally a rural park, Moss Park is located on the outskirts of Orlando in an area that is quickly developing. Growth pressures have forced the park to become more active in nature than its previous passive nature.

MacDill Air Force Base Programming and Design Charette. MacDill AFB is building a new Visitors Quarters (VQ) and Officers Club Complex. The Jacobs team conducted an on-site, two-week programming and design charette to validate the facility program, understand the existing site conditions, generate conceptual building footprints, create conceptual site plans to accommodate the building and apply costs to the entire project. This process will seamlessly lead into the full design package for the facility.

Pensacola Bay Bridge 4(f) Evaluation, FL. This report develops, evaluates and compares four and six lane bridge alternatives to replace the 44-year old, functionally deficient three-mile long four-lane Pensacola Bay Bridge. There are two parks affected by the proposed bridge, Wayside Park on the Pensacola side and East Wayside Park on the Gulf Breeze side. Whether the bridge becomes a four or six lane does not change the fact that the bridge impacts the parks, the only thing it changes is the amount of park space the bridge will consume.

Florida Army National Guard Programming Charette, Camp Blanding. The programming charette begins with an In-brief presentation, followed by separate work sessions that address site planning, the program of requirements, and validation of the DD Form 1390/91. One of the expectations instrumental to the PPDC process is ‘consensus-building’ among key stakeholders in the project. To achieve this objective, Jacobs’ design professionals work closely with user groups to fully understand the needs, functionality, and requirements of the facility. In addition, the Sustainable Project Rating Tool (SPiRiT) is evaluated in order to develop a preliminary list of attainable credits.

A - Name and Title

Joe Shoffner, AICP

GIS Consensus
Management; User Interface
Development

B - Years of Experience

Jacobs: 3 years

Other: 8 years

C - Education

Masters of Urban Planning,
University of Colorado,
Denver, Colorado, 2007

B.A., Geography, University
of Kansas, 2000

D - Professional

References

Ed Myers, Project Manager
GSA, (215) 704-2163

Bob Clifford, Executive
Director, TBARTA
(813) 977-4851

Carol Stricklin, Community
Development Manager, City
of Largo (727) 586-7490

F - Number of Crew Assigned

N/A

G - Registrations (See Attached)

American Institute of
Certified Planners, (024370),
2010

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Shoffner brings ten years of experience in GIS analysis and three years of planning experience to the Tampa Transportation unit of Jacobs. His primary tasks at Jacobs have been in the collection, management, analysis, and display of GIS data for a multitude of transportation related studies in the region. Joe also contributes written analysis for technical reports associated with land use and/or transportation issues.

FDOT District One Work Program 2010-2014 Mapping Exercise, Central Florida, GIS Analyst.

Jacobs staff supported the efforts of FDOT District One staff to create a map series detailing the funding of roadway projects in each of the District One counties by the FDOT over the period of years from 2010 to 2014. Mr. Shoffner assisted the District One GIS team in the manipulation of GIS data and the creation of map documents for six of the counties in District One. Mr. Shoffner also worked with Community Liaisons from each county to verify that the projects displayed on the map documents matched the projects approved by FDOT District One.

Social Security Administration Data Center Site Selection, Planner/GIS Analyst.

The Social Security Administration (SSA) and the General Services Administration (GSA) determined a set of environmental and infrastructural requirements that were necessary to choose a suitable location to safely house mission critical digital data for the SSA. Mr. Shoffner was responsible for analyzing each environmental and infrastructure requirement and make recommendations on which could be feasibly studied in a GIS environment. Mr. Shoffner then collected the data needed and organized it into an interactive GIS database, which he demonstrated to the client during several on-site workshops. This interactive GIS database gave the SSA the ability to analyze data quickly and accurately to determine suitable locations for their new data center. Mr. Shoffner also created a multitude of static maps for presentations and technical documents.

TBARTA Regional Transportation Master Plan, Planner/GIS Analyst.

The Master Plan Process included the development of three technical screens to determine the corridor and mode options needed to meet the regional demands for mobility choices as they relate to economic development, access to affordable housing and jobs, and maintaining quality of life. As a member of the technical team, Mr. Shoffner was responsible assisting the technical lead in the evaluation of the transportation corridors and mode options. Mr. Shoffner attended meetings with local planning agency staff and attended public workshops to disseminate information concerning the Master Planning process and to collect input from those stakeholders. Mr. Shoffner also managed all of the GIS data collected for the seven-county study area, and performed spatial analysis of that data as part of the technical screening process.

City of Largo Multimodal Transportation Plan, Planner. Jacobs staff was asked by the City of Largo to create a plan that would assist the City with promoting multimodal mobility in their downtown area. The Plan identified multimodal needs that would support bicycle and pedestrian infrastructure, transit services, and park-and-ride facilities. Mr. Shoffner was responsible for assisting the project manager in identifying multimodal needs, evaluating each of the multimodal needs, and making recommendations for prioritizing the implementation of each need. Mr. Shoffner was responsible for documenting and presenting the implementation recommendations to the City of Largo staff. Also, during the documentation process Mr. Shoffner used SketchUp and Photoshop to create graphics that illustrated the potential

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results of implementing multimodal improvements.

Alternative Transportation in Parks and Public Lands (ATPPL), J.N. “Ding” Darling National Wildlife Refuge, Sanibel, FL, Planner/GIS

Analyst. The ATPPL study examined the existing carrying capacity of the refuge and island, as well as developed options for managing visitor and tourist circulation and access. The study included a comprehensive evaluation of transportation infrastructure, systems and traffic volumes; recreation demand analysis including forecasting estimated increase in recreation/tourist traffic; development of alternative transportation/transit scenarios with emphasis on creative strategies for recreation/tourist visitors; review and evaluation of existing environmental and wildlife data; and public outreach/education. Mr. Shoffner was responsible for assisting the technical lead with analysis, evaluation, and documentation of the alternative transportation/transit scenarios. Also, as the lead GIS Analyst on the team, Mr. Shoffner was responsible for coordinating with local planning agencies to build a robust set of GIS data for the study area. He was responsible for conducting spatial analysis within the study area, and he was responsible for creating static maps for documentation and for public meetings.

FDOT District One Regional Trail Map and Development Report, Central Florida, Planner/GIS Analyst.

In coordination with District One staff, Jacobs staff produced a regional trail map and development report. Jacobs utilized specific trail information available from the counties, regional planning councils, and Metropolitan Planning Organizations (MPOs), including trail element information from the long range transportation plans. Regional trail criteria was drafted help define regional trails in District One. As the lead GIS Analyst on the team, Mr. Shoffner was responsible for coordinating with local planning agencies to obtain the most accurate and relevant GIS data for the region. Mr. Shoffner was responsible for the creation of a map series that identified all the local multi-use trails in the twelve-county region and highlighting those trails that meet the criteria of a “regional” multi-use trail.

LeeTran/Lee County Transit Administration, Operations & Maintenance Facility Environmental Assessment, Lee County, FL, Planner/GIS

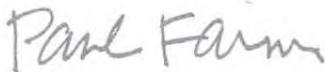
Analyst. Jacobs staff assisted Lee County Public Works & Lee County Transit (LeeTran) with planning, design, and construction of a new transit admin, ops, and maintenance facility. Phase One included a site search, evaluation, selection, and acquisition, as well as ongoing coordination with FTA and FDOT to comply with existing grants, Federal earmarks, and State Infrastructure Bank commitments. The second phase included project development analysis that complies with FTA and NEPA requirements, including public outreach and the publication of an Environmental Assessment. The project received a Finding of No Significant Impact (FONSI) from the FTA in August 2006. In 2008, a new Locally Preferred Alternative was sought by LeeTran. A streamlined version of Phase One and Phase Two were completed for new site candidates. Two site candidates were chosen, and both sites were evaluated using FTA and NEPA standards. As a result, a new Environmental Assessment was conducted for both site candidates. As a member of the 2008 Environmental Assessment team, Mr. Shoffner was responsible for updating the GIS data for the new site candidates and producing a new map series to be included in the Environmental Assessment. He was also responsible for writing the Land Use Analysis section of the Environmental Assessment.

This certificate hereby qualifies

Joseph Frank Shoffner, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 024370



Paul Farmer, FAICP
Executive Director and CEO



Paul Inghram, AICP
President



The American Planning Association's
Professional Institute
**American Institute
of Certified Planners**

Making Great Communities Happen

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A - Name and Title

Christine Springer, PE
Microsimulation

B - Years of Experience

Jacobs: 8 years
Other: 14 years

C - Education

B.S., Architectural
Engineering, University of
Miami, 1997

**D - Professional
References**

Ken Jeffries, FDOT District
Six, (305) 470-6736

Lisa Dykstra, PE, FDOT
District Four, (954) 777-4360

Mark Lubelski, P.E., City of
Sunrise, FL, (954) 746-3270

**F - Number of Crew
Assigned**
N/A**G - Registrations
(See Attached)**

Professional Engineer,
Florida (58199), 2002

H - DBE Documentation
N/A**E - Other Relevant Experience and Qualifications**

Ms. Springer has 14 years of civil engineering and project management experience, with an emphasis on traffic engineering, transportation planning, and traffic simulation using state of the art microsimulation software. Her prior experience on a variety of civil engineering projects, such as roadway, storm water management, water and wastewater, traffic operations, and project development and environmental studies provides insight for identifying potential issues on complex projects.

Central Broward DEIS, FDOT District Four, Fort Lauderdale, FL, Traffic Engineer. The purpose of the study was to develop and evaluate a series of transit corridors and modes in Central Broward County (Fort Lauderdale) to determine the most effective way to accommodate future east-west travel demand. This Alternatives Analysis study will follow Federal Transit Administration guidelines and will result in an identification of the most-effective corridor and transit mode that can be carried forward into the Preliminary Engineering phase of study. A detailed analysis was undertaken utilizing the VISSIM micro-simulation software to simulate and evaluate the traffic and transit operations along the Broward Boulevard and SR 7 corridors given the preferred alternative.

FDOT District-wide Planning and PD&E Support, District Six, FL, Traffic Engineer. Provided transportation planning and traffic engineering services support to the Planning and PD&E staff including the development of recommendations and review of traffic and transportation planning documents and studies(i.e. FDOT handbooks, guidelines, Interchange Justification Reports, and PD&E documents).

FDOT District-wide GPC, Demand Forecast Model Development, District Four, FL, Deputy Project Manager. Jacobs manages the contract and provides professional planning services in developing and applying travel demand forecasting models, as well as to serve as an extension to the FDOT. As part of this contract Jacobs also assists the Department with the review of PD&E documents and Interchange Justification Reports.

Florida Department of Transportation, District-wide Public Transportation Consultant Services, FDOT District Six, Miami-Dade & Monroe Counties, FL, Project Manager. Provided professional /technical services to support the Public Transportation Office (PTO). Services included but were not limited to, review and preparation of multi-modal plans and reports, project site visits, multimodal inventories, program administration assistance, and management of several sub-consultants.

District-wide Safety/Traffic Operations Studies, FDOT District Six, Miami-Dade & Monroe Counties, FL, Project Manager. Jacobs provided professional traffic engineering services to conduct work orders in connection with traffic operations and safety-related issues in Miami-Dade and Monroe Counties. Tasks included fatal crash reviews, safety studies, qualitative assessments, and traffic memos.

Traffic Engineering Services, City of Sunrise, Sunrise, FL, Traffic Task Manager. Serves as the traffic consultant to the City of Sunrise located in Broward County. As such, the firm reviews applications for new development within the City. The reviews focus on the layout of proposed site plans, access issues, internal site circulation, and traffic impacts. We provide advice to the City regarding traffic-related problems found in Sunrise.

Traffic Engineering Services, City of Oakland Park, FL, Project Manager. Provided general traffic engineering consulting services to the City of Oakland Park. Services included review of site plans and traffic studies performed by others, as well as design, cost estimating, and recommendations on a variety of neighborhood transportation improvement and traffic calming projects within the City.

Traffic Services, City of Coral Springs, Coral Springs, FL, Project Manager. Provided general traffic engineering consulting services to the City of Coral Springs. Services included reviews of site plan applications and traffic studies performed by others.

Coral Springs Local Agency Participation (LAP) Agreement, City of Coral Springs, Coral Springs, FL, Project Manager. The City of Coral Springs, with the City of Margate and the City of Coconut Creek, commissioned Jacobs to prepare construction plans for the interchange of SR 7/US 441 and Sample Road in Broward County. This interchange is being cooperatively funded by FDOT under the Florida Highways Beautification Grant initiative. Landscape and irrigation construction plans are being provided to facilitate final permitting and installation. Final plans are being included, along with the maintenance specification in the recorded FDOT/City agreements.

SR 93/I-75 and Pembroke Road Interchange PD&E Study, FDOT District Four, Pembroke Pines/Miramar, FL, Transportation Engineer. The study included the analysis of the mainline adjacent interchanges, and proposed interchange using CORSIM simulation software as the main analysis tool to determine the operational characteristics of I-75 with and without the proposed interchange in place. Three alternatives were evaluated as part of the study, including the baseline 'no-build' condition, single point urban interchange and tight diamond interchange alternative. In addition, as part of the study the alternatives were evaluated to determine environmental impacts, if any, resulting from the proposed interchange.

Kings Highway (SR 713) PD&E Study, St. Lucie County, FL, Traffic Engineer. The study will evaluate new alternatives and alignments for the reconstruction of the 10-mile stretch of Kings Highway (SR 713) from Okeechobee Road (SR 70) north to US 1 (SR 5) in St. Lucie County. Jacobs will provide traffic forecasting and modeling support using FSUTMS / Cube Voyager software. The location, type, and design improvements to accommodate future traffic in a safe and efficient manner will be determined. Analyses conducted with the SYNCHRO software will be used to produce the Design Traffic Memorandum.

San Juan – Carolina BRT Ridership Forecast, Puerto Rico, Traffic Engineer. Jacobs Engineering Group was retained by Behar-Ybarra and Associates, LLP (BYA) to develop and compare Year 2030 ridership forecasts for a range of Bus Rapid Transit (BRT) alignment alternatives along the PR-3 corridor between the Puerto Rico municipios of San Juan and Carolina using the using the 2030 Extended San Juan Metropolitan Region Travel Demand Model in Cube Voyager. In addition to extracting the forecasted ridership from the model to assess which alignment is most likely to provide the highest ridership, a sub-area validation of the model was conducted to assess the correctness of the model within the study area. Moreover, further study was performed on the preferred alignment to identify potential station refinements to improve ridership along the route.

State of Florida
Board of Professional Engineers
Attests that
Christine Marie Springer, P.E.

IS LICENSED AS A PROFESSIONAL ENGINEER UNDER CHAPTER 471, FLORIDA STATUTES
EXPIRATION: 2/28/2013 P.E. LIC. NO:
AUDIT NO: 228201305658 58199

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A - Name and Title

Jeffrey Stiles, AICP, PP

Light Rail; Quality Assurance/Quality Control for other disciplines

B - Years of Experience

Jacobs: 18 years

Other: 9 years

C - Education

B.A., Urban Studies/Urban Planning, University of Denver, 1983

Leading Professional Service Firms, Harvard Business School - Executive Management Degree, 2004

Linking Land Use and Transportation Planning, Lincoln Institute of Land Policy, Springfield, IL, 1994

D - Professional

References

Earl Washington, Houston-Galveston Area Council (713) 993-2494

Rich Roberts, NJ Transit, Chief Planner (973) 491-7624

Wilson Fernandez, Miami-Dade MPO, (305) 375-1886

F - Number of Crew Assigned

N/A

G - Registrations

(See Attached)

American Institute of Certified Planners (AICP)

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Stiles has extensive experience in the management and technical direction of large multi discipline planning assignments. He has directed major assignments involving the comprehensive evaluation of transportation, land use and environmental projects.

Mr. Stiles has been responsible for a large number of comprehensive transportation studies ranging from large multi-stage major investment studies to small local transportation plans. He has completed a number of assignments for transit operations, DOT's and various Metropolitan Planning Organizations throughout the country. Assignments have included the evaluation of projects involving bus rapid transit, light rail transit, commuter railroads, local and commuter bus lines and highways. Under his technical direction, projects have successfully identified implementable solutions to complex transportation problems. Mr. Stiles has extensive experience in the FTA "New Starts" process.

Miami-Dade County, Kendall Corridor Alternatives Analysis. Project Manager

for a multimodal Alternatives Analysis (AA) to address mobility issues within this complex urban corridor in southern Miami-Dade County. The AA was performed in accordance with the FTA new starts process and evaluated several potential corridors providing access to downtown Miami as well as Miami International Airport. Modes of transit evaluated included rapid transit, LRT, DMU, BRT as well as managed lanes. Key elements of the projected included integration with existing transit services in the region, preservation of existing roadway capacity and extensive outreach and public education.

Chicago Region Environmental and Transportation Efficiency. Project Planning and Environmental Manager

for the evaluation, preliminary design and environmental documentation phases of a two billion dollar freight and passenger rail rationalization project in the Chicago metropolitan area. The project entails developing creative solutions to complex operating and infrastructure conditions involving five Class 1 railroads and Metra's commuter rail service in south Chicago. The preferred solution involves extensive infrastructure upgrades including two new rail over rail flyovers through residential neighborhoods, new mainline tracks and numerous street closures.

NJ TRANSIT, Northern Branch Corridor DMU Draft Environmental Impact Statement (DEIS), Bergen County, NJ. Project Director

of an Environmental Impact Statement and Conceptual Engineering for a planned new light rail service in Bergen County. Responsible for the overall direction of the EIS document, assigning project resources, and client quality assurance. The proposed service would be a 10-mile new start rail project. Joint use of the corridor with the existing CSX freight service was a significant consideration in this EIS. The project includes analysis of a new two track DMU rail line, ten stations, a yard, bridge rehabilitations and C&S to create a service every 15 minutes during peak periods in this corridor.

NJ TRANSIT, Lackawanna Cut-Off Passenger Rail Service Restoration Project Conceptual Engineering and Environmental Assessment, Northwest New Jersey/Northeast Pennsylvania. Project Director

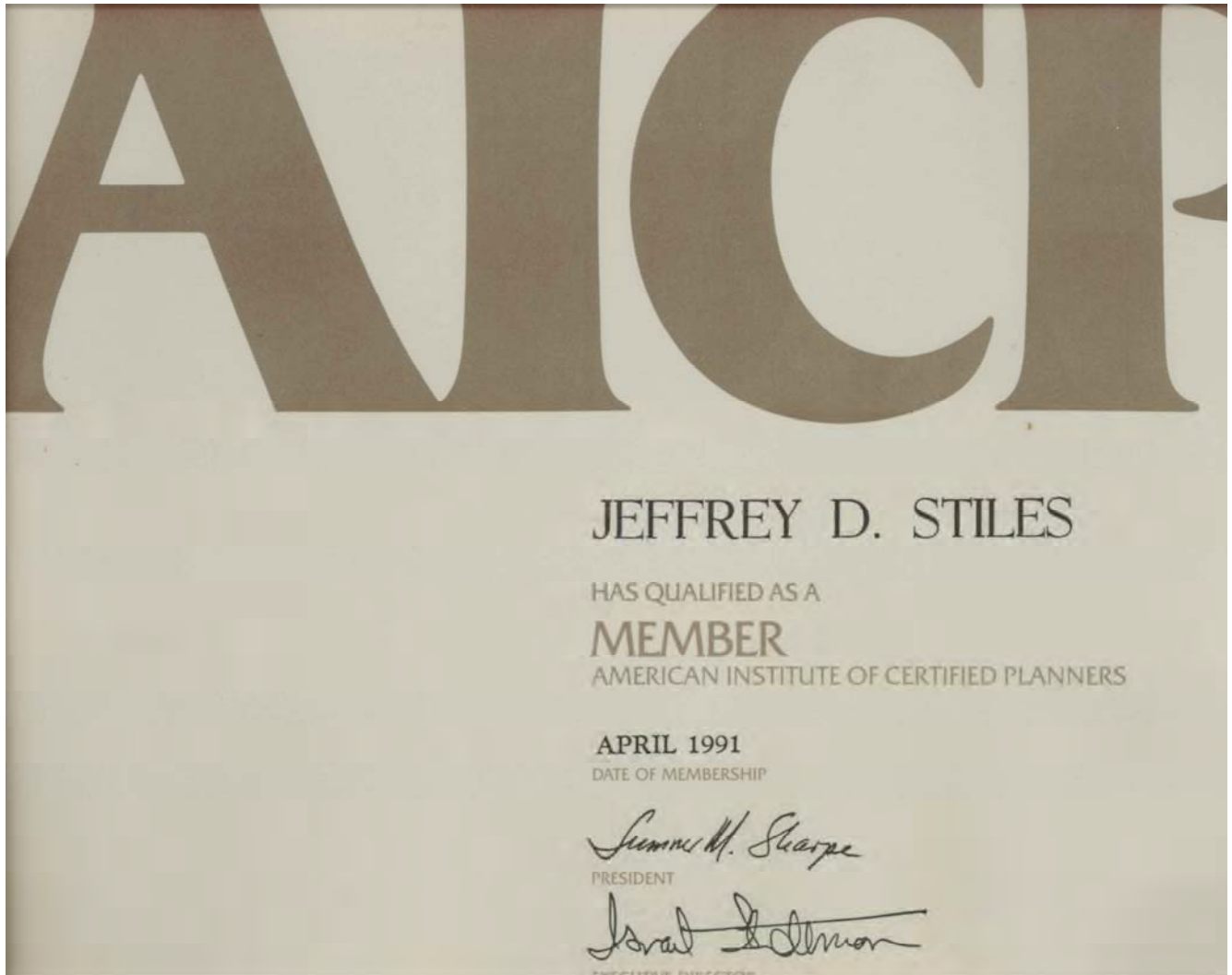
for a proposed project to reintroduce passenger rail service in a 133-mile corridor extending from New York City to Scranton, PA. Responsible for the overall direction of the engineering work and the EA document, assigning project resources, and client quality assurance. Responsible for directing work activities in accordance with FTA and NEPA guidelines. Directed a

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comprehensive public outreach program that included production of newsletters and organization of open house meetings attended by over 500 interested persons. Managed the preparation of all documents for the project requested by the FTA as part of the New Starts process. This project is preparing conceptual engineering and environmental documents for a new single track with passing sidings, eight stations, a yard, and bridge rehabilitations necessary in order to provide commuter rail service every 45-minutes during peak periods in this corridor. The project includes an analysis of a baseline alternative that includes a bus service consisting of three separate routes/alignments.

NJ TRANSIT, West Shore Regional Major Investment Study (MIS) and Environmental Impact Statement (EIS), Bergen, Hudson Counties, NJ, and Rockland County, NY. Project Director responsible for the preparation of a MIS/DEIS in accordance with the USDOT Project Development Requirements. The project involves analyzing multimodal transportation solutions to the current mobility problems experienced in northern NJ and Rockland County, NY. Under his direction, a multi-disciplined team of engineers, planners and environmentalists evaluated several alternative transportation strategies including TSM/bus, commuter rail and light rail transit. The project resulted in the advancement of two LRT corridors on one commuter rail corridor, as well as a TSM bus alternative. The West Shore Region study area is located in the northeastern corner of suburban New Jersey and the southeastern corner of NY State.

Houston Galveston Area Council, US 90A Corridor Study, Houston, TX. Project Manager responsible for the preparation of a feasibility study on the potential implementation of transit service in the US 90 corridor connecting Houston's METRORail light rail system to several communities in Harris and Fort Bend Counties. Management responsibilities included client contact, assigning resources and keeping the study budget and schedule. Through a collaborative effort of the H-GAC, the Houston Area MPO, METRO and the local communities, the study seeks to develop a transit solution to the growing congestion in the corridor. The project involves a 30-mile freight corridor owned by the UPRR and is looking at several transit options including bus, light rail, diesel multiple units (DMU) and commuter rail technologies. Technical work undertaken by EK in this study included station area planning, infrastructure assessment, operations planning, capital costing, O&M costing, evaluation of alternatives and public/stakeholder outreach.



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A - Name and Title

Jennifer Straw, AICP

Public Participation Task
Lead; Funding Analysis/
Project Evaluation

B - Years of Experience

Jacobs: 6 years

Other: 1 year

C - Education

B.S., Growth Management
Studies, Rollins College,
2003

D - Professional References

Lynn Merenda, Community
Planner/ Public Engagement
Specialist, Hillsborough
Metropolitan Planning
Organization,
(813) 272-5940

Bob Clifford, AICP,
Executive Director Tampa
Bay Area Regional
Transportation Authority,
(813) 282-8200

Elba Lopez, Public Transit/
Intermodal Administrator,
FDOT District Seven,
(813) 323-1065

F - Number of Crew Assigned

N/A

G - Registrations (See Attached)

American Institute of
Certified Planners (AICP),
2008, #22830, Planning

American Planning
Association (APA) Sun
Coast Chapter, Secretary

Women's Transportation
Seminar (WTS)

Tampa Connections, Class
of 2007

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Straw is a planner with a background in transit and transportation planning and NEPA projects. Her primary focus is in public education and engagement program management, with experience in both traditional and innovative techniques, as well as environmental processes and planning and engineering project support.

Hillsborough County Metropolitan Planning Organization Cost Affordable Plan Public Outreach, Hillsborough County, FL, Task Manager.

The Hillsborough County MPO recently completed the update to their Long Range Transportation Plan (LRTP) through the year 2035. The MPO Board has placed a high priority on providing multimodal transportation choices that will improve livability, sustainability, mobility, accessibility, and connectivity as well as support strong economic growth for Hillsborough County. In developing the Cost Affordable Plan's list of projects derived from both the needs and desires of the community, public contribution is imperative to ensuring the plan is one that will be successful and supported by the community. Extensive public engagement was completed through traditional and innovative channels to provide an open dialogue with the citizens of Hillsborough County and ensure their participation in making the 2035 LRTP a joint effort. Public outreach included efforts such as a 15-minute video, Facebook and Twitter updates, a Telephone Town Hall meeting, and a Speakers Bureau program. Ms. Straw led the project and coordinating all public engagement activities.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan, TBARTA, Tampa Bay Area, FL, Public Information Officer, Planner.

In support of the Tampa Bay Area Regional Transportation Authority (TBARTA), the FDOT pledged technical support in order for TBARTA to meet a legislated mandate of a Regional Transportation Master Plan adoption by July 2009. The Master Plan examined regional transit and toll facility needs for a seven-county, 6,000 square mile area in West Central Florida while ensuring the movement of passengers and freight. The planning process included the development of corridor and mode options needed to meet the regional demands for mobility choices as they relate to economic development, access to affordable housing and jobs, and maintaining quality of life. Throughout development of the Master Plan, Ms. Straw managed the public and agency engagement, an intensive process designed to reach a broad audience.

**Pinellas Alternatives Analysis (AA), Florida Department of
Transportation (FDOT), Pinellas County Metropolitan Planning
Organization (MPO), and Pinellas Suncoast Transit Authority, Pinellas
County, FL, Planner.** As one of the priority projects identified by TBARTA following the adoption of the Master Plan, the Pinellas County Alternatives Analysis will identify transit options that improve Pinellas County's and West Central Florida's quality of life. In doing so, the study looks to implement fixed-guideway transit service connecting major residential, employment, and activity centers in Pinellas County to Hillsborough County. Following the Federal Transit Administration's New Starts Guidelines for an AA, the major work efforts for this study will include extensive public engagement, a Purpose and Need statement, alignment options, capital and operations/maintenance cost estimates, year 2035 forecasted ridership estimates, identification of potential economic, social and environmental impacts, and the recommendation of a Locally Preferred Alternative. Ms. Straw is responsible for technical documentation relating to the FTA process and environmental team coordination.

Pinellas County Land Development Code Update, Pinellas County Planning Department, Pinellas County, FL, Task Leader. Pinellas County is revising its land development and zoning regulations into a new sustainability-based and redevelopment-focused Qualities Community Code (QCC). Ms. Straw is leading the public engagement effort, which includes facilitating community meetings, leadership workshops, and stakeholder focus groups, as well as assistance to Pinellas County MPO staff regarding website and survey development, and other tasks as needed.

Anti-Litter Campaign, FDOT Central Environmental Management Office, FL, Deputy Project Manager. In keeping with the Department's mission of providing a safe transportation system, a Litter Prevention Education Campaign is being developed and launched to focus on educating the motoring public about the benefits associated with reducing litter on Florida's roadsides and the impacts litter has on safety, environment, and quality of life throughout the state. This effort will include the production and implementation of a multimedia campaign to prevent littering and to advise the public on other roadside beautification matters. The purpose of this scope is to lay out a plan for implementing this statewide campaign.

Multimodal Transportation District (MTD), City of Largo, Pinellas County, FL, Task Manager. The City Largo faces many challenges in providing mobility needs for its two Community Redevelopment Districts and surrounding areas, in light of local and regional growth projections, forecasts of limited revenue, and community goals of infill, redevelopment and neighborhood quality of life. To fulfill mobility needs, the City of Largo is putting a greater emphasis on creating pedestrian-friendly spaces, and on travel modes other than the single-occupant vehicle. The strategy requires a well-integrated fabric of bicycle and pedestrian infrastructure, transit services, park-and-ride facilities, land use considerations, and land development codes. To ensure a strategy that is embraced by the public, a comprehensive public engagement strategy was developed to involve the community in the decision-making process. Ms. Straw led the public engagement efforts.

Northeast Plant City Master Plan, Hillsborough County MPO, Hillsborough County, and City of Plant City, Plant City, FL, Planner. This interagency partnership worked closely with property owners, elected officials, and representatives from local, regional, and state agencies to develop a set of guiding principles, conceptual land use scenarios, and implementation steps. The completed Master Plan for the northeast portion of Plant City and the unincorporated area of the county adjacent to it established a vision of the future development pattern desired in this area and was endorsed by the City of Plant City, Hillsborough County, and the Hillsborough MPO. Ms. Straw provided assistance with public involvement and agency coordination, document production, GIS mapping, and graphics.


Lee County Transit (LeeTran) Administration, Operations & Maintenance Facility, LeeTran, Lee County, FL, Planner. Assisting Lee County Public Works & Lee County Transit (LeeTran) with planning, design, and construction of a new transit admin, ops, and maintenance facility. Phase One included a site search, evaluation, selection, and acquisition, as well as ongoing coordination with FTA and FDOT to comply with existing grants, Federal earmarks, and State Infrastructure Bank commitments. The second phase included project development analysis that complies with FTA and NEPA requirements, including public outreach and the publication of an Environmental Assessment. Ms. Straw provided assistance with public involvement, GIS mapping, environmental documents, and graphics.

This certificate hereby qualifies

Jennifer Marie Straw, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 022830



Paul Farmer, FAICP
Executive Director and CEO



Graham Billingsley, AICP
President



The American Planning Association's
Professional Institute
**American Institute
of Certified Planners**
Making Great Communities Happen

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A - Name and Title

Terry Walters, Jr.

Database Management Task
Lead; Technology Services
& Streamlining

B - Years of Experience

Jacobs: 6 years
Other: 19 years

C - Education

N/A

D - Professional**References**

Bob Clifford, AICP,
Executive Director Tampa
Bay Area Regional
Transportation Authority,
(813) 951-8220)

Beth Alden, AICP, Group
Leader, Multimodal Systems
Development , Hillsborough
County MPO, (813) 272-
5940)

Lynn Merenda, Hillsborough
MPO, (813) 273-3774, ext.
342

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Walters has more than 12 years of experience in transportation planning, PD&E, and design and more than 25 years experience with design, development and maintenance of technology solutions. His wide range of skills and experience includes responsibilities as an Engineering Technician/Roadway Designer, CADD Manager, GIS Analyst, and Graphic Designer, Surveyor, IT Manager, Technology Researcher and Technology Integrator. As a Designer, Mr. Walters' responsibilities include all aspects of roadway design and plans preparation (including electronic delivery). As a technology expert, Terry has been an integral part to some of the most forward-thinking, technology-based public engagement projects Jacobs has delivered for our clients. He serves as an on-call Chief Information Officer (CIO)-level resource for TBARTA and has a unique ability to combine a deep understanding of technology with core business sense to provide truly useful and actionable data to our executive level clients. On past projects, he has been responsible for everything from survey collection, data processing to GIS analysis, 3D modeling and rendering, animation and videography for public involvement and marketing purposes. Terry serves as a resource for ideas on product development for a range of software companies (including Google) and also functions as the in-house trainer for a range of software. He performs beta testing for Bentley software, Axiom products, and FDOT software workspaces and Google products.

I-75 PD&E, FDOT District One, Sarasota & Manatee Counties, Sarasota & Manatee County, FL, Designer.

PD&E Study along I-75, from SR 681 to north of University Parkway in Sarasota and Manatee Counties. The proposed improvements to be evaluated include basic capacity improvements (widening to eight or ten lanes) and interchange modifications to accommodate projected traffic increases. This 14-mile portion of I-75 is adjacent to significant residential and commercial development presenting environmental and public involvement challenges. Mr. Walters was the lead designer responsible for developing mainline and interchange concepts and leading graphics production.

I-75 PD&E Study, FDOT District One, Lee & Charlotte Counties, Lee & Charlotte County, FL, Designer.

PD&E Study along I-75 from north of SR 78 to north of Kings Highway in Lee and Charlotte Counties. Proposed improvements evaluated include basic capacity improvements (widening to six, eight, or ten lanes) and interchange modifications to accommodate projected traffic increases. This 27-mile portion of I-75 passes over three major and seven minor stormwater basins, the Peace River, and traverses the Babcock-Webb Wildlife Management Area, a region of Florida with numerous known protected species. Mr. Walters assisted the drainage group and the roadway engineers by analyzing GIS data, layout of geometric options, and generation of related graphics.

TBARTA/FDOT Regional Transportation Master Plan, West Central Florida, Technology Manager.

Provided a wide range to technology support and recommendations in support of the Tampa Bay Area Regional Transportation Authority (TBARTA), the FDOT pledged technical support in order for TBARTA to meet a legislated mandate of a Regional Transportation Master Plan adoption by July 2009. The Master Plan examined regional transit and toll facility needs for a 7-county, 6,000 square mile area in West Central Florida while ensuring the movement of passengers and freight. The Master Plan Process included the development of corridor and mode options needed to meet the regional demands for mobility choices as they relate to economic development, access to affordable housing and jobs, and

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maintaining quality of life. The results of the projects include a process for resolving conflicts between local land use and transportation plans in addition to Mid-Term and Long-Term Regional Transportation Visions that include regional improvements supported by an expansive local bus network.

Florida Intrastate Highway System (FIHS) Corridor, FDOT District Seven, FL, Designer. Task work order driven contract to provide professional transportation planning and engineering services to Florida Department of Transportation District Seven in Tampa on a districtwide basis for all corridors identified on the Florida Intrastate Highway System (FIHS). This effort includes the preparation of planning and traffic studies, preliminary engineering and design, review of materials, assistance in FIHS funding strategy and priorities for future work, and assisting the District with identifying new corridors as FIHS facilities.

FIHS, Corridor Two, 4, Statewide, FDOT District Seven, FL, GIS Analyst. Jacobs Carter Burgess staff provided professional transportation planning and engineering services to Florida DOT District Seven in Tampa on a Districtwide basis for all corridors identified on the Florida Intrastate Highway System (FIHS). This effort includes the preparation of planning and traffic studies, preliminary engineering and design, review of materials, assistance in FIHS funding strategy and priorities for future work and assisting the District with getting new corridors identified as FIHS facilities. Mr. Walters was responsible for compiling the ROW impacts and parcel data necessary to determine ROW costs.

US 19/SR 55 Design, Pinellas County, FL, Designer. Project is a major reconstruction of US 19 to a 10-lane section (six high-speed, limited access lanes and four lanes of frontage roads) between Whitney Road and Seville Drive in Pinellas County. Design elements include roadway, drainage, signing, signals, lighting, and ITS design. Functioning as the Lead CADD Designer, Mr. Walters has been responsible for all aspects of drafting, PEDDs compliance, Microstation v7 to v8 conversion, and delivery.

118th Avenue (CR 296) Connector Feasibility Study with Optional PD&E, FDOT District Seven, Pinellas County, FL, Roadway Designer. Responsible for geometric design, LRE preparation, and GIS data management for a study related to approximately 1.5 miles of the 118th Avenue Connector from US 19 to East of 49th Street North.

A - Name and Title

Jennifer Willman, AICP

Multi-modal Plans

B - Years of Experience

Jacobs: 3 years

Other: 9 years

C - Education

Master of Community
Planning, 2000, University of
Maryland-College Park

Bachelor of Arts, Geography,
1995, University of South
Florida-Tampa

D - Professional**References**

Bob Clifford, AICP,
Executive Director, Tampa
Bay Area Regional
Transportation Authority,
(813) 282-8200

Beth Alden, AICP, Group
Leader, Multimodal Systems
Development, Hillsborough
County MPO,
(813) 272-5940

Bradley Parrish, AICP, City
of Temple Terrace,
(813) 506-6480

F - Number of Crew**Assigned**

N/A

G - Registrations**(See Attached)**

American Institute of
Certified Planners (AICP),
2004, #019453, Planning

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Ms. Willman offers experience in comprehensive planning, growth management, multimodal transportation and land use policy, downtown revitalization, community redevelopment areas, school planning, urban development, land development regulations, rezonings, and geographic analysis. She has served in various professional roles, as a government planner at the city, county, regional and federal level; and as a consultant managing projects for private developers and public agencies. Ms. Willman's commitment to deliver excellent work products to her clients, and provide clear and consistent communication, makes her an excellent choice to assist in the successful completion of plans and projects.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan, TBARTA, Tampa Bay Area, FL, Land Use Coordinator. This seven-county TBARTA Regional Master Plan determined a vision for corridor and mode options needed to meet regional demands for mobility choices in the Tampa Bay Area as they relate to economic development, access to jobs and affordable housing, and maintaining quality of life. As part of the on-going technical process, Ms. Willman coordinates the TBARTA Land Use Working Group comprised of local, regional, and state planning agencies, developers, and the public, to share information about transit-supportive planning activities in the region, evaluate development forecasts, and create alternative land use scenarios. The group is developing a Transit Oriented Development (TOD) Resource Guide of model policies, station typologies, land development regulations, and other tools that promote TOD and livability in the TBARTA region.

Pinellas County Land Development Code Update, Pinellas County Planning Department, Pinellas County, FL, Project Manager.

Ms. Willman is managing this 20-month project that is scheduled to be completed in March 2012, and result in a "Quality Communities Code." It will address everything from zoning, site development, the natural environment and stormwater management to parking, sidewalks, and landscaping. There will be an extensive public engagement program that includes focus groups with various stakeholders, leadership workshops with elected officials and municipal planners, and meetings with community members. Goals for this project include: modernize the code to better address new initiatives like livable communities to make it easier to walk, bike and take transit, encourage quality redevelopment and design, promote energy efficiency, low impact development, and provide methods for stormwater and floodplain management to comply with new federal requirements.

Multimodal Transportation District (MMTD) Design Guidelines, City of Temple Terrace, Temple Terrace, FL, Project Manager.

Ms. Willman managed the design guidelines that have two levels of applicability: within the entire MMTD, and within certain corridors and overlay areas. The guidelines address connectivity, traffic calming, pedestrian and bicycle facilities, transit stops, parking, land use and building orientation. This was done in consultation with a Working Group of planning partners. A "Complete Streets" design approach in developing the guidelines was taken, and focused not just on individual roads but on changing the decision-making and design process so that all users are routinely considered during the planning, designing, building and operating of roadways.

Lee County Transit (LeeTran) Administration, Operations & Maintenance Facility, LeeTran, Fort Myers, FL, Task Manager.

Ms. Willman assisted Lee County Transit (LeeTran) and Lee County Public Works with obtaining planning approvals for a new bus transit facility on the

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selected 24-acre infill site in the City of Fort Myers. This new facility will replace the current facility, and will house LeeTran's administration, operations, and maintenance functions, as well as expanded transit operations in the future. The project involved interagency and interdepartmental coordination, site acquisition, rezoning, Planned Unit Development site plan, landscape plan, easement vacating, on-site circulation, access, and traffic impacts. The site layout was designed to be compatible with the existing residences, and to reduce potential impacts on the surrounding neighborhood.

ONE BAY Vision in Florida's Super Region, U.S. Housing and Urban Development's Sustainable Communities Regional Planning Grant Application, Hillsborough County Metropolitan Planning Organization (MPO), Tampa Bay, FL, Task Manager. Ms. Willman was tasked with responding to the requirements and specifications of the June 2010 Notice of Funding Availability and authoring portions of the grant application. This was a joint application with regional partners, authorized by the West Central Florida MPO Chairs Coordinating Committee, which included coordination with regional planning partners including staff of the Tampa Bay Regional Planning Council, Tampa Bay Partnership, MPOs and local governments in the region, as directed by Hillsborough County MPO staff.

University of South Florida Area Multimodal Transportation District (MMTD), Hillsborough County MPO, Hillsborough County, FL, Project Manager. Ms. Willman managed the evaluation, identification of improvements, and mitigation strategies necessary to achieve established multimodal level of service standards, and development of Comprehensive Plan amendments to support the creation of an MMTD for the area around the University of South Florida's Tampa campus. Project involved coordination of various stakeholders through meetings and public workshops.

Multimodal Transportation District (MMTD), City of Largo, Pinellas County, FL, Task Manager. Ms. Willman provided policy and land development code review for the MMTD including identification of mobility strategies for Largo's two Community Redevelopment Districts and surrounding areas, considering local and regional growth projections, forecasts of limited revenue, and community goals of infill, redevelopment and neighborhood quality of life. The strategy required a well-integrated bicycle and pedestrian infrastructure, transit services, park-and-ride facilities, land use considerations, and land development codes. The decision-making process included public involvement and agency coordination.

Pinellas Alternatives Analysis (AA), Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority, Pinellas County, FL, Land Use Coordination/Speakers Bureau. This study is being conducted for TBARTA, the Florida Department of Transportation, Pinellas County MPO, and Pinellas Suncoast Transit Authority (PSTA) to look at premium transit options connecting the major activity centers in Pinellas County – Clearwater, Gateway, and St. Petersburg. The AA will evaluate feasible alternatives and identify a preferred alternative, as consistent with the TBARTA Master Plan. Following the Federal Transit Administration's New Starts Guidelines for an AA, the major work efforts for this study will include extensive public engagement, a Purpose and Need statement, alignment options, capital and operations/maintenance cost estimates, year 2035 forecasted ridership estimates, identification of potential economic, social and environmental impacts, and the recommendation of a Locally Preferred Alternative.

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

Jennifer Willman

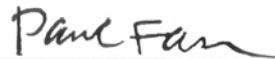
as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: 019453

October 1, 2004



PRESIDENT



EXECUTIVE DIRECTOR

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A - Name and Title**G. Anderson Wilson**

Airport Planning

B - Years of Experience

Jacobs: 7 years

Other: 18 years

C - Education

B.S., Business

Administration, Aviation

Logistics and Economics,

Ohio State University,

Columbus, OH, 1986

**D - Professional
References**

Jeffrey Bunting, Miami
International Airport (305)
876-0569

Staci Montefusco, Broward
County Aviation Department
(954) 359-6149

Pablo Cardona, Puerto Rico
Ports Authority, (787) 253-
5619

**F - Number of Crew
Assigned**
N/A**G - Registrations**
N/A**H - DBE Documentation**
N/A**E - Other Relevant Experience and Qualifications**

Mr. Wilson brings to the aviation planning group a diverse professional background and mix of project expertise spanning over 25 years and includes terminal and airside security, facility planning, programming and modeling, air cargo planning, activity forecasting, project development, client and program management services and business development activities. Mr. Wilson has been associated with several of the Nation's top aviation consulting organizations during his career with an employment history including Sam Marshall Associates (terminal planners and programmers), Edwards and Kelcey (Now Jacobs Engineering), PTG Parson Aviation, HNTB, Burns and McDonnell, TRW, and Northrop Grumman. His practical experience includes working for most of the major scheduled domestic carriers, executing terminal and airfield master plans, terminal programming, terminal and airfield capacity studies, apron utilization plans, master security plans, land acquisition, air cargo studies, economic impact analysis, project and program management services.

Miami Dade Aviation Department, Miami International Airport, Miami, FL. Worked as subconsultant providing Value Engineering, Programming and Cost Validation services for the review and analysis of proposed South Terminal expansion project at the Miami International Airport. Project scope represented 2 million square feet of building area including baggage claim and make-up, ticketing and ATO functions, FIS facility with 2000 pax per hour processing rate, concessions and retail, and separate cruise ship check-in operation. Review included all operational aspects of terminal operations including moving walkways, device configuration, landside and airside function, and security issues.

American Airlines, Miami International Airport, FL. Served as project manager for the development of the final space programs for the planned expansion of the North Terminal Development program for American Airlines 47 gate international hub. This effort included terminal wide improvement for ticketing departure lounges, concession, circulation and scheduling and coordinating of 21 separate AA departmental "statements of need" for the facility expansion, as well as all American Eagle station functions. Actions required extensive coordination with all on-going improvement projects at MDAD and design of DCV baggage system and APM.

Orlando Sanford International Airport, FL. Assisted in the development of terminal expansion program to modify and increase existing ticket lobby, outbound baggage system, baggage make-up, airline operations and ticket office space, security checkpoint expansion, airline branding, and terminal wide graphics and signage program. Project scope included doubling of outbound baggage capacity, addition of 18 ticket counter positions, modification of airfield fencing and access control system, added 20,000 sq.ft. to departure lounges, and concessions/duty free area.

Orlando Sanford International Airport, FL. Following the completion of the planning and programming phase of the development program, served as project manager and owners representative for implementation of design-build initiative. The Orlando Sanford terminal building is wholly owned and operated by OSI, Inc. a privately held concern with controlling interest in both the United States and United Kingdom. Duties associated with this assignment included design overview and plan development, contractor oversight, tenant liaison, FAA/FDOT coordination, and management of relocation process.

Miami International Airport, Miami, FL. Developed phasing and programming master plan for a 4.4 million square foot expansion program to replace, and update the airport's existing air cargo facilities. Program included optimization of available acreage and involved complete range of tenant operational classification. Alternative analysis considered manual and mechanized freight handling, landside and airside interface, belly cargo vs. freighter operations, in-line and inter-line transfer operations, bonded and domestic users, FAR Part's 139 and Part 107 requirements, and US Customs and Agriculture regulations.

Miami International Airport, Miami, FL. Prepared airfield signage program to comply with all requirements set forth in FAR Part 139, as per all applicable FAA Advisory Circulars. Included airfield inventory, changes to taxiway nomenclature, traffic flow analysis, and coordination with FAA/ADO and ATCT personnel. Construction program included operational safety plans, access control plan, phasing plan, airline coordination, review of shop drawings, field supervision, and project management duties.

Miami International / Ft. Lauderdale / Palm Beach International Airports, FL. Developed detailed runway, taxiway and apron marking plans meeting all FAA planning and safety criteria. Projects included touchdown zone, end designators, ILS markings, edge striping, overrun marking, hold position locations, and LAHSO markings.

Ft. Lauderdale / Hollywood International Airport, Ft. Lauderdale, FL. Prepared airfield signage plan in compliance with all applicable FAA Advisory Circulars. Acted as user liaison, developed construction documentation, prepared field survey to verify location analysis, completed legend text, shop drawing review, FAA safety, access, and construction phasing plans, and all necessary construction specifications.

Miami International Airport, Miami, FL. Developed multiple alternatives for airfield and landside expansion programs. Studies included transportation interface, aircraft and apron utilization planning, access control per FAR Part's 139 and 107, analysis of ground and aircraft service vehicular flows, and landside traffic demands.

Palm Beach International Airport, West Palm Beach, FL. Air Cargo Master Plan included the development and phasing of 240,000 SF of cargo processing facilities, and 500,000 sf. of aircraft pavements at ultimate build out. Program forecasts assisted in the development of potential alternatives, which were subsequently compared to derive the preferred scenario. Facility provided direct airside/landside interface, served belly and freighter tenant, manual and mechanized operators, and containerized freight.

Miami International Airport, Miami, FL. Prepared Land Acquisition Plan to purchase approximately \$200 million worth of adjacent properties for future airport development. Project included identification and cataloguing of all property owners, assessed land values, zoning history and existing land use, individual property estimates, overall cost estimates to include demolition and relocation costs, identified potential environmental conflicts, and associated legal issues.



Chapter 4 Personnel/Resumes

SECTION 15 PERSONNEL

For all principals of the Offeror and key personnel providing services sought in the RFQ, provide a detailed resume indicating that individual's areas of expertise and experience. Resumes must be provided in the following format, however, additional information may be provided at the option of the Offeror.

-
- A. Name and Title
 - B. Years Experience with:
 - This Contractor:
 - With Other Similar Contractors:
 - C. Education:
 - Degree(s):
 - Year/Specialization:
 - D. Professional References: (List a minimum of 3)
 - E. Other Relevant Experience and Qualifications
 - F. List specifically the number of crew members that will be assigned to provide services, if awarded the Contract, and identify their respective tasks.
 - G. Attach applicable licenses for each individual performing Services pursuant to this Contract.
 - H. If applicable, attach documentation demonstrating Offeror's status as a disadvantage business entity (DBE) and documentation demonstrating the DBE status of any proposed subcontractors and subconsultants.

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

55

I attest the information provided on the following resumes is true and factual to the best of my knowledge.

By:

Signature

Reynaldo Cortez, P.E., Vice President
AECOM Technical Services, Inc.

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A - Name and Title

Dr. Toni A. Horst

Social and Economic
Analysis

B - Years of Experience

AECOM: 10 years

Other Firms: 7 Years

C - Education

PhD., Regional Science,
University of Pennsylvania,
1997

B.A., Economics and
Government, Oberlin
College, 1986

D - Professional**References**

Dave V. Gula, Senior
Planner

WILMAPCO
(302) 737-6205 x-122

Kimberly Wilkins,
Transportation Specialist
Federal Highway
Administration
(202) 366-9204

Stephen Del Giudice, Transit
Bureau Chief
Arlington County Department
of Environmental Services
Transportation Division
(703) 228-0090

F - Number of Crew

Assigned

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Dr. Horst is a Senior Consulting Manager in AECOM's Transportation Consulting Practice. She has 17 years of experience. A regional economist, her work focuses on analyzing how transportation investment changes local economies. Typical projects entail forecasting, economic impact analysis, and fiscal analysis. Recent economic impact assessments have included highway, rail and port impact studies. Real estate experience includes projecting commercial development impacts from large projects such as development around highway exits and transit stations. Fiscal analysis has included revenue forecasting, assessment of proposed New Start transit projects, and assessing yields from the implementation of possible new taxes.

Economic Analysis in Support of TIGER Funding Applications for WMATA Bus Garage Projects: Project manager

responsible for development of WMATA TIGER application. Responsible for collection of data, performing the analysis, and writing and assembling the analysis. Project benefits included estimating jobs and earnings generated from construction and operation of the projects as well as analysis determining whether the areas were economically distressed. Developed tech memos and worksheets detailing all assumptions and calculations for the reviewers' reference. Benefits were projected over 20-year horizon and discounted back to present value.

Economic Analysis in Support of FRA and TIGER Application for Intermodal Rail/Transit Station, Ramsey, County, MN:

Developed economic evaluation of St. Paul Union Station in support of FRA funding application. Benefits included commercial development in vicinity of station, transportation benefits attributable to intermodal connectivity, construction benefits, as well as direct benefits attributable to the Depot's operation. Developed tech memos and worksheets detailing the calculations for reviewers' reference. Project was selected to receive TIGER funding; only 51 of 1,300 projects received TIGER funding.

Will County Inland Port Impact Study, Will County Center for Economic Development, Will County, IL:

Providing technical economic support to the team and the County to create an economic development strategy to ensure that local residents capture the economic benefits of the freight moving through their community to the greatest degree possible to balance the negative impacts of freight on their quality of life. As part of this study, developing an inventory of existing infrastructure and analysis of performance, analyzing major existing and future freight generators, assessing network deficiencies, identifying improvements, analyzing the logistics supply chain and considering of how the County can capture greater economic benefit from the growing freight flows traveling through the County.

Economic Analysis in Support of TIGER Funding Application for Peachtree Streetcar Project, MARTA Atlanta Georgia:

Project manager responsible for economic analysis included in TIGER application. Project benefits included construction, operation, commercial development, safety, fuel savings, and emission benefits. Developed tech memos and worksheets detailing all assumptions and calculations for the reviewers' reference including calculation of benefit cost ratio for project. Benefits were projected over 20-year horizon and discounted back to present value.

Grade Crossing Improvement Cost Benefit Study, Mississippi

Department of Transportation Project manager for a study that analyzes the benefits attributable to a statewide sample of grade crossing projects completed in the past 15 years and compares these to the cost of making the improvement in order to assess the public's return on investment in this type of multimodal infrastructure. Benefits include reductions in

wait time, improvements in safety, and environmental benefits. Such an analysis provides policymakers with information on the state's return on investment and allows decision makers to assess the likely value of future investments considered. It also provides policymakers with guidance on the types of improvements that are most beneficial to the traveling public. This report documents the data sources, assumptions, methodology, and findings. To aid future assessments, the Study provides an interactive spreadsheet that replicates the methodology applied in this study to permit an analyst to input information about a project and analyze additional grade crossing investments.

South Hills TRID Study, Allegheny County Department of Community and Economic Development The Economic Impact Analysis for each of three station areas identifies the development and land use effects that could reasonably be induced by the series of public actions associated with the TRID: transit improvements, other infrastructure improvements, the use of public land for joint development, and the introduction of TOD-friendly zoning. The potential economic development benefits are significant in and of themselves—construction jobs, permanent jobs, enhanced commercial activity generated by added income and purchasing power, higher property values, and correspondingly higher municipal tax revenues.

Economic Impact Analysis of Dulles Metrorail Extension, WMATA Participated in a study to assess the economic, fiscal, and community impacts of the Dulles Metrorail Extension. Performed a market analysis of the regional hotel market's potential response to the extension of Metrorail service to Dulles International Airport. Analyzed data on hotel properties to assess whether and how hotel development would develop in station areas in response to WMATA Board members' concerns.

Tennessee Department of Transportation Financial and Strategic Plan, Tennessee Department of Transportation Developing financial and strategic plan as part of State's Long-range Transportation Plan. Work entails projecting yield from current revenues over 30-year planning horizon based on expected economic growth, projecting potential yield from possible implementation of new sources, and benchmarking taxes to neighboring states to determine competitive position in the region. The Long Range Transportation Plan was awarded an Engineering Excellence Award by the Tennessee ACEC.

Section 5309 Financial Assessments, Federal Transit Administration Provides FTA with annual financial analysis assessments of proposed New Start transit projects in support of FTA's annual 5309 New Starts report. Reviews and reports to FTA on the stability and reliability of the sponsor's proposed funding sources, financing techniques, and short-term and long-term financial condition.

Scenic Highways Program, Florida DOT Project provided a method for compiling information on the economic impact of Florida's Scenic Highways Program that will be used in preparation of the annual report for the program. The work conducted for Florida is intended to serve as a demonstration program that can be adopted by other states. Prepared section of final report reviewing strengths of the current strategy and outlining strategies to enhance existing data collection methods.

A - Name and Title

Ashutosh Kumar, EIT
Modeling Coordination

B - Years of Experience

AECOM: 7 years

C - Education

M.S., Transportation
Engineering, The Ohio State
University, Columbus, Ohio,
2004

B.Tech., Civil Engineering,
Indian Institute of
Technology, Kanpur, 2002

D - Professional**References**

Shi-Chiang Li (University
Drive Connection Study),
Systems Planning Manager,
FDOT District Four,
(954) 777-4655

Derek Miura (SERPM 6.7
Development), Senior
Systems Planner, FDOT
District Four,
(954) 677-7898

Elaine Martino (Pinellas AA),
Systems Planning GPC,
FDOT District 7 Intermodal
Systems Development,
(813) 975-6432

**F - Number of Crew
Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Kumar's experience is in travel demand model development, corridor planning studies, demand forecasting, transit ridership estimates and New Starts analyses. He has over seven years experience working with Cube Base/Voyager, Cube FSUTMS, Tranplan, TP+ and TransCAD travel demand forecasting software packages. He has used ArcGIS, statistical software packages, and various programming languages for applied and research purposes. He also has experience with statistical tools such as SAS, Excel and MINITAB. He has extensively used MATLAB for data analysis and interpretation and has written and modified programs in FORTRAN and C/C++.

Mr. Kumar has developed or updated transit models for Southeast Florida (Miami, Ft. Lauderdale and West Palm Beach regions), Central Florida (Orlando and Daytona Beach regions), West Central Florida (Tampa Bay and St. Petersburg regions), Northeast Florida (Jacksonville), Tallahassee, Grand Rapids, Nashville, Houston and Atlanta. He has also been involved in planning studies in Columbus, Atlanta, Orlando, Ft. Lauderdale, Nashville, Tampa and St. Petersburg-Clearwater. Mr. Kumar was also part of the team responsible for the Long Range Plan updates for Broward County MPO and Central Florida region.

Broward County MPO, 2035 Long Range Plan Update. Mr. Kumar served as the lead modeler for updating the long range plans for Broward County MPO for year 2035. The work tasks included performing the highway and the transit deficiency analyses and needs assessment in order to improve the mobility within the county. A regional travel demand model which also included Palm Beach and Miami-Dade MPOs in addition to Broward was used for updating the plans. The tasks also involved co-coordinating with these MPOs on network and modeling issues for a regional long range plan which was developed independently by FDOT.

Florida DOT District 4, Mobility in Western Broward and Palm Beach Counties. Mr. Kumar served as a lead consultant for analyzing the transportation facilities need to compensate for removal of an inter-county roadway connection between Broward and Palm Beach Counties. The task involved running set of alternatives using the Southeast Florida regional travel demand model (SERPM) and analyzing the traffic projections and laneage needs. He was a key member of the Technical Working Group for the project; responsible for presenting the technical findings to the Core Working Group and the oversight committee members.

Florida DOT District 4, South Florida Regional Planning Model Development. Mr. Kumar served as lead analyst for updating the transit applications of SERPM travel demand model from Tranplan to Cube Voyager. The model encompasses Miami, Ft. Lauderdale and West Palm Beach areas. The work tasks involved using Public Transport module and TRNBUILD path-builder. Most of the user-written programs were converted to the native Voyager scripts. The tasks involved extensive validation of the multi routing technique used for generating transit paths and skims.

Nashville Metropolitan Planning Organization, Northeast Corridor Alternative Analysis. As a lead consultant for this project, Mr. Kumar was involved with the AECOM team responsible for developing a transit model for the region. The transit model will be fully integrated to the existing MPO model in TransCAD 5.0. The model was developed as a part of the Northeast Corridor Mobility Study but the overall structure of the model has been developed with known New Starts modeling guidance in mind. The model will be used for other transit planning studies in the region.

Florida DOT, Central Office of Planning, Transit Modeling Standards.

Mr. Kumar worked with the team that was responsible for developing new transit modeling standards for the state of Florida. With the migration of the state models from Tranplan to Cube Voyager, FSUTMS standards were modified based on additional features in the Cube platform and known modeling recommendations from the FTA at the time. The work tasks also involved developing and conducting various training workshops in the state on these transit modeling practices and standards.

Florida DOT District IV, Central Broward Transit Study. Mr. Kumar is serving as a lead technical demand modeler responsible for developing the ridership forecasts for the east west corridor in Broward County connecting the communities in the western part of the county, SFEC, Ft. Lauderdale downtown and Ft. Lauderdale/Hollywood airport. SERPM version 6.5 is being used as the modeling tool and it has been updated specifically for this study to incorporate recent Tri-Rail and metrorail on board surveys and a work trip distribution based on the census data. Close to ten different alignments and transit modes have been modeled for this study.

Florida DOT District IV, South Florida East Coast Corridor Study. Mr. Kumar will serve as the lead technical modeler responsible for developing the demand and ridership forecasts for the South Florida East Coast Corridor Study. The corridor extends 85 miles from downtown Jupiter to downtown Miami. SERPM transit model structure will be critically reviewed and most recent on-board surveys done in recent years in the region will be used to inform the model about the travel behavior in the region.

Florida DOT V, SunRail Phase II Corridor Study. Mr. Kumar is currently involved with the team responsible for ridership forecasting for the Phase II of the Sunrail Corridor in Orlando area. The regional model is being revamped with known FTA guidance and modeling recommendations. The key components being introduced in the model are the time-of-day modeling components and PUBLIC TRANSPORT software for transit modeling.

Hillsborough Area Regional Transit, Northeast and West Corridors Light Rail Study. Mr. Kumar was involved with the team studying the Northeast and West Corridor for a possible introduction of a premium mode of transit in the area. He was responsible for developing the travel demand model that was used for forecasting ridership on the rail system.

Tampa Bay Area Regional Transportation Authority, Pinellas Corridor Alternative Analysis. Mr. Kumar was responsible for developing the travel demand model that is being used for Pinellas AA Corridor study. The model is based on the model developed for Hillsborough Area Transit Authority for their Northeast and West Rail Corridor studies. The transit model incorporated findings from the latest PSTA on board survey, two different methods of mode choice modeling (traditional method and choice set method) for forecasting ridership and user benefits.

A - Name and Title**David Schmitt, AICP**

Transit Demand Modeling;
Travel Demand Modeling;
Regional Transportation
Task Lead; Ridership
Forecasting

B - Years of Experience

AECOM: 11 years

Other Firms: 5 Years

C - Education

M.S., Planning
(Transportation), Florida
State University, 1995

B.S., Mathematics, Florida
State University, 1993

B.S., Statistics, Florida State
University, 1993

D - Professional**References**

Shi-Chiang Li (University
Drive Connection Study),
Systems Planning Manager,
FDOT District Four,
(954) 777-4655

Derek Miura (SERPM 6.7
Development), Senior
Systems Planner,
FDOT District Four,
(954) 677-7898

Elaine Martino (Pinellas AA),
Systems Planning GPC,
FDOT District Seven
Intermodal Systems
Development,
(813) 975-6432

**F - Number of Crew
Assigned**

N/A

**G - Registrations
(See Attached)**

AICP (016625)

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Schmitt has provided transportation planning services for 16 years. His experience includes travel demand forecasting, transit ridership estimation, applied model research, New Starts analysis, traffic- and highway-oriented modeling and alternative development and analysis. Mr. Schmitt is proficient in all of the prevalent travel demand software packages and many programming languages. He has worked with models from around the United States, including Washington DC, Houston, Miami/Ft. Lauderdale, Atlanta, Nashville, Cincinnati, Orlando, Columbus Ohio, Jacksonville, Tampa, and Cleveland.

Mr. Schmitt is a national leader in FTA's New Starts, especially transit user benefits and FTA's Summit program. He has extensive experience with reviewing travel models for New Starts applications and preparing New Starts submittals. He also has worked with FTA's Very Small Starts guidance and procedures. Mr. Schmitt has developed travel demand model components and forecasting procedures to support regional, corridor, and sub-area planning activities. His experience includes developing transit components, refining travel distribution models and enhancing auto assignment procedures. Mr. Schmitt has produced demand and ridership forecasts activities for a variety of proposed transit and highway improvements in many urban areas. He has prepared forecasts of travel flows, vehicular traffic, and transit ridership for existing and proposed transportation systems and facilities. He has prepared forecasts for many long-range planning studies such as Alternatives Analysis/Major Investment Studies and Environmental Impact Studies.

Broward County 2035 Long-Range Transportation Plan, Broward County MPO, Broward County, Florida (Ft. Lauderdale):

Mr. Schmitt was project manager for the forecasting elements of this project. Modeling tasks included forecasting and evaluating transportation alternatives to assist in the development of the county's 2035 long-range transportation plan.

University Drive Connection Study, Florida Department of Transportation District IV, Broward and Palm Beach Counties, Florida:

Mr. Schmitt was project manager for this traffic study that examined the impacts of removing a planned connection between Broward and Palm Beach Counties. This study was unique in its short timeframe: two months from notice to proceed to the public presentation of results. The study included 18 multi-modal alternatives and required weekly coordination with technical staff from many agencies.

South Florida East Coast Corridor Study Phase 3, Florida Department of Transportation District IV, Jupiter/West Palm Beach/Ft.

Lauderdale/Miami Florida: Mr. Schmitt serves as both the Modeling/Simulation and New Starts task manager roles for this study examining rail transit options along 85-miles of the Florida East Coast Railway (FEC). The initial task underway is updating the South East Florida Regional Planning Model (SERPM) to New Starts standards by incorporating the results of 5 recently conducted transit onboard surveys. This update will be the first in Florida to utilize a simplified pathbuilding and mode choice structure, rather than apply the historical hierarchical structure. Mr. Schmitt is also responsible for coordinating travel data between the rail operations planning, rail simulation, travel demand, and traffic simulation teams.

Southeast Florida Regional Planning Model Version 6 Update, Florida Department of Transportation District IV, West Palm Beach/Ft.

Lauderdale/Miami, Florida: Mr. Schmitt served as a task manager for a team developing the next version of the SERPM transit model (covering Miami, Ft. Lauderdale and West Palm Beach). The main



purpose of the

project is to convert the existing Tranplan-based model to Cube Voyager. A substantial portion of the work effort to date has been analyzing Public Transport (PT), Cube Voyager's public transportation module, and its impact on mode choice and New Starts user benefits.

Northeast and West Corridor Transit Studies, Hillsborough Area Transit Authority (HART), Tampa Florida: Mr. Schmitt served as the travel demand task manager for this project examining rail options to connect the University of South Florida, Tampa International Airport, the Westshore employment area with downtown Tampa. The initial task involved updating the existing travel demand model to meet New Starts standards. These improvements were coordinated with the FTA. Once these improvements were completed, ridership forecasts, user benefit estimates, and other travel results were produced for several alternatives.

Broward County Transit (BCT) and Palm Tran On-Board Surveys, Florida Department of Transportation District IV, Florida: Mr. Schmitt assisted FDOT District IV with the planning and analysis of the BCT and Palm Tran on-board surveys. He developed the draft survey plan, which focused on minimizing sample and expansion bias. He provided QA/QC for the survey results.

I-595 East-West Transit Study (Central Broward), Florida Department of Transportation District IV, Sunrise/Plantation/Ft. Lauderdale Florida: Mr. Schmitt is the ridership forecasting task manager for this project examining premium bus and rail options to connect western and eastern Broward County along the I-595. The primary task involved ridership forecasts by station for several alternatives. Currently, Mr. Schmitt and his team are updating the South East Florida Regional Planning Model (SERPM) to be consistent with FTA New Starts standards.

Cleveland Innerbelt Study, Ohio Department of Transportation District XII, Cleveland, Ohio: Mr. Schmitt served as modeling task manager for a study examining transportation solutions along the I-90 corridor in downtown Cleveland. He was responsible for producing traffic and transit ridership forecasts for both highway- and multimodal-oriented alternatives. Some alternatives studied included various interchange/street configurations, improved transit service, and HOV lanes.

I-70/I-71 South Innerbelt Study, Ohio Department of Transportation, Columbus, Ohio: Mr. Schmitt served as modeling task manager responsible for producing traffic and ridership forecasts for a downtown access study involving four freeway-level facilities in downtown Columbus. Alternatives included various interchange/street configurations, improved transit, travel demand management strategies, and HOV lanes. Building on his work in the Cleveland Innerbelt Study, Mr. Schmitt built an improved interface to transfer vehicle trip data between the travel demand and traffic operations models.

Pinellas County Alternative Analysis, Florida Department of Transportation District VII, Tampa Florida: Mr. Schmitt is a travel demand task manager for this study examining premium transit options connecting Clearwater, Gateway and St. Petersburg. He led the enhancements to the model that improved the model's ability to evaluate transit alternatives. He is also serving as QA/QC for the ridership and travel forecasts as well as leading coordination with FTA Planning Staff.



THE AMERICAN INSTITUTE OF
CERTIFIED PLANNERS

DAVID RICHARD SCHMITT

Has qualified as a

Member

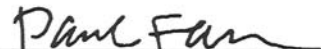
with all benefits of a Certified Planner and responsibility to the
AICP Code of Ethics and Professional Conduct.

Membership Certificate Number 016625

July 1, 2001



President



Executive Director

AECOM

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A - Name and Title**Mark Schofield**

Governance and Funding
Mechanisms

B - Years of Experience

AECOM: 7 years

Other Firms: 3 Years

C - Education

M.S., Transportation,
Massachusetts Institute of
Technology, 2004

MA., Economics, University
of Chicago, 1998

B.S., Mathematics, Wake
Forest University, 1996

D - Professional**References**

Lois Goldman, Director
Regional Planning
North Jersey Transportation
Planning Authority
(973) 639-8413

William Cross, Manager of
Planning & Engineering
South Florida Regional
Transportation Authority
(954) 788-7916

Amy Inman, Manager of
Transit Planning
Virginia Department of Rail
and Public Transportation
(804) 225-3207

F - Number of Crew**Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Mr. Schofield specializes in the financial and economic analysis of transportation investments; institutional, funding, and governance assessments for transportation agencies; and capital project financial modeling and planning. In his professional and academic engagements, Mr. Schofield has worked with private sector firms, industry associations, and public agencies, and he has both domestic and international transportation experience. Prior to joining AECOM, Mr. Schofield was an assistant professor of transport and logistics at the Malaysia University of Science and Technology (MUST) in Kuala Lumpur, a new university developed as a collaborative project between MIT and the Ehsan Foundation of Malaysia. While at MUST, he taught three graduate-level transportation courses; initiated research projects on traffic modeling and public transit operations; and helped create and implement academic policies. For three years, Mr. Schofield was also an analyst with Chicago Partners, LLC, an economic and litigation consulting firm. While at Chicago Partners, Mr. Schofield designed and operated economic models for a range of clients requiring support in investment decision-making, entrepreneurial valuation, and litigation (including antitrust, securities fraud, and price discrimination).

2035 Long Range Transportation Plan, Broward County Metropolitan Planning Organization (MPO), Ft. Lauderdale, FL: Project manager for financial analysis portion of long range transportation plan for Broward County, Florida. Effort focused on indentifying future infrastructure investment needs, projecting future capital and operating funding sources, and identifying potential new funding sources.

2035 Long Range Transportation Plan, Miami-Dade County Metropolitan Planning Organization (MPO), Miami, FL: Currently serving as project manager for financial analysis portion of long range transportation plan for Miami-Dade County, Florida. Current work focuses on indentifying future infrastructure investment needs, projecting future capital and operating funding sources, and identifying potential new funding sources.

Regional Transit Master Plan, Tampa Bay Area Regional Transportation Authority (TBARTA), Tampa, FL: Supported FDOT and TBARTA in the creation of a regional master plan for the greater Tampa-St. Petersburg metropolitan area. Served as task leader for the financial portion of the plan, which included identification of potential funding sources and financing mechanisms for the newly-created authority.

Old Bridge Intermodal and Park/Ride Study, New Jersey Transit, Newark, NJ: Currently deputy project manager for a comprehensive review of potential park-and-ride sites to serve the Route 9 and Garden State Parkway corridors in New Jersey. Study includes site inventory and assessment, demand forecasting, concept planning, railroad operation planning, environmental analysis, and cost estimation.

Financial Analysis of North Corridor Metrorail Extension, Miami-Dade Transit (MDT): Project manager for a broad-ranging financial assessment of the proposed North Corridor Metrorail extension. Assessment included comprehensive review of capital cost estimates, existing capital investment plan, ridership and fare revenue projections, O&M costs, and existing and future debt levels and debt service, as well as scenario-testing of future outcomes. The analysis supported MDT's New Starts submission to FTA.

Strategic Regional Transit Plan, South Florida Regional Transportation Authority (SFRTA), Pompano Beach, FL: Assisted SFRTA in assessing key infrastructure needs, defining cost-effective regional investment strategies, and identifying new future sources of funding



and financing. The study included evaluation of institutional roles, current and planned funding sources, and transportation investment policies. Result were presented to key decision-makers in a series of workshops.

Transit Development Plan, Miami-Dade Transit (MDT): Task leader for capital improvement program (CIP) development, O&M cost forecasting, and overall financial planning for MDT's 2009 TDP. Work was performed in conjunction with MDT's North Corridor New Starts financial planning submission and included detailed assessments of fleet replacement, O&M growth scenarios, and funding needs and potential funding sources.

Cost Allocation on Shared-Use Rail Corridors, National Cooperative Highway Research Project (NCHRP), Washington, DC: Co-author of a paper for NCHRP on arrangements for access and allocation of common costs on rail corridors that are shared between freight and passenger services. Study included assessment of current cost allocation methodologies, identification of cost-allocation methods warranting further analysis, development of a public policy and economic rationale for cost-sharing, and examination of specific case studies.

Funding & Financing Analysis, Interurban Transit Partnership ("The Rapid"), Grand Rapids, MI: Supported The Rapid in assessing the viability of major streetcar and BRT investments through analysis of potential capital and operational funding methods. Served as task leader in creating financial plan for South Corridor (Division Avenue) BRT application to FTA for Very Small Starts funding. Explored operating and capital funding options for downtown streetcar feasibility study, including examination of parking tax, transportation investment district (TID), and dedicated local sales tax.

Regional Transit Study, Capital Region Transportation Planning Agency (CRTPA), Tallahassee, FL: Supported CRTPA and StarMetro in a broad-ranging assessment of regional transit needs and opportunities. As governance task manager, specific focus was on funding options and strategies, potential institutional arrangements for the delivery of new transit services, and creation of a business plan that will integrate services, funding, and governance and highlight needed steps for implementation.

Financial Review, South Florida Regional Transportation Authority (SFRTA), Pompano Beach, FL: Assisted Tri-Rail management in a best practices review of the finance department. The review included an overview of Tri-Rail's financial condition; an assessment of internal and external financial risks; an examination of the current practices within the department; and a set of "best practice" recommendations to mitigate future risks and improve financial oversight.

2035 Regional Transportation Plan Update, North Jersey Transportation Planning Authority (NJTPA), Newark, NJ: Currently serving as task manager for financial analysis portion of long range transportation plan for North Jersey. Current work focuses on indentifying future infrastructure investment needs, projecting future capital and operating funding sources, and identifying potential new funding sources.



Chapter 4 Personnel/Resumes

My resume is provided on the following page.

I attest the information provided on the following resumes is true and

SECTION 15 PERSONNEL

For all principals of the Offeror and key personnel providing services sought in the RFQ, provide a detailed resume indicating that individual's areas of expertise and experience. Resumes must be provided in the following format, however, additional information may be provided at the option of the Offeror.

-
- A. Name and Title
 - B. Years Experience with:
 - This Contractor:
 - With Other Similar Contractors:
 - C. Education:
 - Degree(s):
 - Year/Specialization:
 - D. Professional References: (List a minimum of 3)
 - E. Other Relevant Experience and Qualifications
 - F. List specifically the number of crew members that will be assigned to provide services, if awarded the Contract, and identify their respective tasks.
 - G. Attach applicable licenses for each individual performing Services pursuant to this Contract.
 - H. If applicable, attach documentation demonstrating Offeror's status as a disadvantage business entity (DBE) and documentation demonstrating the DBE status of any proposed subcontractors and subconsultants.

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

factual to the best of my knowledge.

By:

Signature

Timothy Borchers (Owner)
City Rail Solutions LLC

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A - Name and Title

Timothy Borchers

Streetcar Specialist

B - Years of Experience

33 years

C - Education

Assessed Bachelor of
Business Administration,
University of Miami

D - Professional

References

Harvey H. Stone, P.E.
President Stone Consulting,
Inc. P.O. Box 306, Warren, PA
16365

Office: (814) 728-8910

Cell: (814) 688-0751

harvey@stoneconsulting.com

Alvin Pearso Assistant

General Manager,

Memphis Area Transit

Authority, 370 Levee Road

Memphis TN 38108-1011

(901) 722-7101

apearson@matatransit.com

Martin Schroeder

Chief Engineer

American Public

Transportation Association

16676 K Street NW

Washington, DC, USA 20006

(202) 496-4885

mschroeder@apta.com

Sharon Dent

(Past) Executive Director

(1990 – 2005)

Hillsborough Area Regional

Transit Authority

(501) 655-4103

skpdent2000@yahoo.com

Thomas Seddon

Chief Executive Officer

The Bendigo Trust

76 Violet Street

Bendigo Victoria Australia

3550

03.54438117

ceo@bendigotrust.com.au

E - Other Relevant Experience and Qualifications

Timothy has 33 years of streetcar, trolley and tramway experience on two continents, inclusive of 12 years of transit system management in private and government environments. This experience includes operations, system and vehicle, design, construction, renewal and rehabilitation and new system start up. He was the designer and project manager of North America's first "wireless" or "off-wire" system using hybrid streetcar technology and presented on this subject to the DC Surface Transit/Streetcar Summit (2010) and American Public Transportation Association Rail Conferences (2010, 2011). He began his own firm, City Rail Solutions, in March 2010.

Loop Trolley Company, Project Manager, St Louis, MO. (current) As a streetcar specialist responsible for management of contracted services including final design, vehicle selection/specifications, construction and operations of a to be completed 2.2 mile streetcar system operating in the Delmar Loop area of St Louis. More than half of the system will be "wireless" and require the use of hybrid streetcars.

Streetcar System, City of Savannah, GA. As a streetcar specialist managed the final design, construction, delivery, and inaugurated operations of North America's first wireless hybrid streetcar (operates without external power source using super capacitor energy storage). Mr. Borchers also advised on design and supervised track modifications, authored operation, maintenance and regulatory material and trained and tested personnel.

***Memphis Area Transit Authority, Tennessee Department of Transportation, Streetcar System Safety Training.** As a streetcar specialist and project manager, Mr. Borchers developed operation, maintenance and regulatory procedural material; trained and tested all management, operations and maintenance personnel; and conducted a System Safety seminar for all fixed guideway operators in the state.

DC Surface Transit/Streetcar Forum, Washington, DC. As an international subject matter expert, Mr. Borchers produced and presented technical information on the latest wireless streetcar technologies available for use in the District of Columbia.

American Public Transportation Association (APTA), Selected by APTA as a technology presenter at the 2010 and 2011 Rail Conference to report on the current development of hybrid/wireless streetcar technologies, how this may apply in North America and hybrid streetcar vehicle design and availability.

***Hillsborough Area Regional Transportation Authority – HART Manager Streetcar Services (2002-2008), Tampa, FL.** Responsible for the initial start up and then day-to-day operations and maintenance of HART's TECO Line Streetcar System. As Manager, Mr. Borchers was responsible for reporting to the Board, coordinating with community organizations, operational and maintenance design, training curriculums and regulatory compliance. He prepared initial design for the recently completed system extension.

***Bendigo Tramways, Tramways & Engineering Workshop Manager, (1999-2002) The Bendigo Trust, Bendigo, Australia.** A dual position responsible for day-to-day operations, maintenance and system works projects of a 33-streetcar system, and the management of a for profit commercial workshop for rolling stock and component overhaul for customers throughout the Southern Hemisphere.

*Experience prior to City Rail Solutions



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Chapter 4 Personnel/Resumes

SECTION 15 PERSONNEL

For all principals of the Offeror and key personnel providing services sought in the RFQ, provide a detailed resume indicating that individual's areas of expertise and experience. Resumes must be provided in the following format, however, additional information may be provided at the option of the Offeror.


- A. Name and Title
- B. Years Experience with:
 - This Contractor:
 - With Other Similar Contractors:
- C. Education:
 - Degree(s):
 - Year/Specialization:
- D. Professional References: (List a minimum of 3)
- E. Other Relevant Experience and Qualifications
- F. List specifically the number of crew members that will be assigned to provide services, if awarded the Contract, and identify their respective tasks.
- G. Attach applicable licenses for each individual performing Services pursuant to this Contract.
- H. If applicable, attach documentation demonstrating Offeror's status as a disadvantage business entity (DBE) and documentation demonstrating the DBE status of any proposed subcontractors and subconsultants.

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

55

I attest the information provided on the following resumes is true and factual to the best of my knowledge.

By: Eugene A. Branagan



Signature

Title: Senior Vice President, Clary Consulting, LLC

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A - Name and Title

Eugene A. Branagan

Budget/Funding Source
Identification

B - Years of Experience

Clary: 1 years

Other: 31 years

C - Education

Florida State University,
Accounting, Tallahassee, FL,
1978

D - Professional**References**

Gerry O'Reilly – District 4
Director of Transportation
Development - FDOT -
gerry.oreilly@dot.state.fl.us

Pamela Leslie – General
Counsel, Miami – Dade
Expressway Authority,
pleslie@mdxway.com

Edward Coven – Statewide
Transit Manager - FDOT,
ed.coven@dot.state.fl.us

F - Number of Crew**Assigned**

N/A

G - Registrations

N/A

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Over twenty-eight years experience in governmental finance and accounting including Auditing, Accounts Payable, Bond Development, Budget Development, Budget Management, Encumbrance Management, Contract Development, Contract Management, and Certifications Forward. Including:

- Managed the State Infrastructure Loan Program for Florida Department of Transportation and grew this bank into a nationally recognized model for innovative financing approaches to project delivery.
- Participated in development and drafting law and program guidance for the Florida Public private partnership program.
- Developed and implemented the procurement documents and process for the I-595 Express project.

Express Bus Project Development and Environmental Studies. Clary Consulting, LLC (CCL), is currently engaged in a series of studies partnering with planning and engineering firms under contract with government entities to examine the options and feasibility of express bus service on major arterial highways. CCL is providing the financial feasibility analysis and integrating this into the Federal Transit Administration requirements for the Small Starts and New Starts process. Sample projects include the SR-7 (US-441) Busway Project Development and Environmental (PD&E) study in Broward and Palm Beach Counties and the Glades Road (SR 808) Busway PD&E study in Palm Beach County.

Miami Intermodal Center. Over \$1.7 billion program of projects. Developed and delivered finance plan for the program of projects. Delivered the first every TIFIA loan and executed two TIFIA loans on the project. Developed new finance approach for the consolidated rental car center at the MIC that was accepted by US DOT TIFIA Program Office and used to finance the project. www.micdot.com

I-595 Corridor Improvements. I-595 Corridor Improvements as a Public-Private Partnership (P3) at \$1.4 billion. Initiated the project as a P3 project that advanced the series of projects between three and 20 years total. First Availability Payment structure to reach finance close in the United States. www.i-595.com

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A - Name and Title

Lowell R. Clary

Transit Partnership
Guidelines

B - Years of Experience

Clary: 3 years

Other: 22 years

C - Education

Florida State University,
Tallahassee, FL,
Major – Accounting 1981

**D - Professional
References**

James Wolfe – FDOT,
District Four Secretary
james.wolfe@dot.state.fl.us

Robert P. Romig – FDOT,
State Transportation
Planning Administrator,
bob.romig@dot.state.fl.us

Jose Abreu – Miami-Dade
County, Director of Aviation,
jabreu@miami-airport.com

**F - Number of Crew
Assigned**

N/A

G - Registrations

Florida Certified Public
Accountant

Certified Government
Financial Manager

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Lowell R. Clary (Lowell) is the President and managing member of Clary Consulting, LLC and Chief Operating Officer of P3 Development Company, LLC. Clary Consulting, LLC provides advisory services to governmental and private sector clients on developing transportation projects, public-private partnerships (P3s), transportation finance, and assists in negotiations of complex projects and agreements. P3 Development Company, LLC develops P3 projects. CCL serves as advisor to the Miami-Dade County Expressway Authority; Florida Department of Transportation, City of Ocala, Florida, and a private developer developing a toll road in Florida. In addition, Mr. Clary served in public service with the State of Florida in key leadership positions including:

- Florida Department of Transportation (FDOT) – Assistant Secretary for Finance and Administration
- FDOT – Manager, Financial Planning
- FDOT - Inspector General

Express Bus Project Development and Environmental Studies. Clary Consulting, LLC (CCL), is currently engaged in a series of studies partnering with planning and engineering firms under contract with government entities to examine the options and feasibility of express bus service on major arterial highways. CCL is providing the financial feasibility analysis and integrating this into the Federal Transit Administration requirements for the Small Starts and New Starts process. Sample projects include the SR-7 (US-441) Busway Project Development and Environmental (PD&E) study in Broward and Palm Beach Counties and the Glades Road (SR 808) Busway PD&E study in Palm Beach County.

Miami Intermodal Center – Over \$1.7 billion program of projects.

Developed and delivered finance plan for the program of projects. Delivered the first every TIFIA loan and executed two TIFIA loans on the project. Developed new finance approach for the consolidated rental car center at the MIC that was accepted by US DOT TIFIA Program Office and used to finance the project. www.micdot.com

I-595 Corridor Improvements. I-595 Corridor Improvements as a Public-Private Partnership (P3) at \$1.4 billion. Initiated the project as a P3 project that advanced the series of projects between three and 20 years total. First Availability Payment structure to reach finance close in the United States. www.i-595.com

95 Express. Championed the conversion of the existing two HOV lanes and creation of two new lanes within the existing width of I-95 from SR-836 in Central Miami to I-595 in Ft. Lauderdale. First managed lane project in Florida. The first segment is opened to traffic from SR-836 north 10 miles to the Golden Glades Interchange and was delivered as a Design-Build-Finance project. Second segment is now underway. www.95express.com

Central Florida Commuter Rail. New commuter rail line in Central Florida. Led negotiations with CSX Transportation to purchase 61 miles of the CSX railway in Central Florida. Negotiated with local governments to secure a partnership funding approach for the project. www.cfrail.com

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A - Name and Title

William F. Thorp

Project Finance

B - Years of Experience

Clary: 1 years

Other: 30 years

C - Education

University of South Florida

Tampa, Florida

Major – Accounting 1981

City College of New York

New York, New York

Bachelor of Arts –

Secondary Education 1973

Master of Science – Geology

1970

D - Professional**References**

James L. Ely – HNTB,

Jimely@comcast.net

Nicola Liquori – CFO, Florida

Turnpike Enterprise,

Nicola.Liquori

@dot.state.fl.us

David Dennis - Partner,

KPMG, Ddennis@kpmg.com

Edward Corrigan

Partner, Deloitte,

Ecorrigan@deloitte.com

F - Number of Crew**Assigned**

N/A

G - Registrations

Florida Certified Public

Accountant

H - DBE Documentation

N/A

E - Other Relevant Experience and Qualifications

Over thirty years of experience in governmental auditing, finance and accounting including auditing of major governmental agencies including; Florida Department of Transportation (FDOT) – Assistant Secretary for Finance and Administration; Florida Turnpike's Enterprise - CFO and Deputy Executive Director; Office of the Auditor General – Audit Section Supervisor

Express Bus Project Development and Environmental Studies. Clary Consulting, LLC (CCL), is currently engaged in a series of studies partnering with planning and engineering firms under contract with government entities to examine the options and feasibility of express bus service on major arterial highways. CCL is providing the financial feasibility analysis and integrating this into the Federal Transit Administration requirements for the Small Starts and New Starts process. Sample projects include the SR-7 (US-441) Busway Project Development and Environmental (PD&E) study in Broward and Palm Beach Counties and the Glades Road (SR 808) Busway PD&E study in Palm Beach County.

I-595 Corridor Improvements. I-595 Corridor Improvements as a Public-Private Partnership (P3) at \$1.4 billion. Initiated the project as a P3 project that advanced the series of projects between three and 20 years total. First Availability Payment structure to reach finance close in the United States. www.i-595.com

Florida's Turnpike. Managed the financial aspects of major additions to Florida's Turnpike including Suncoast Parkway, Veterans Expressway, parts of the Florida Greenway around Orlando, acquisition of Sawgrass Expressway, and other key improvements for the Turnpike Program. Managed the issuance of Turnpike Revenue Bonds totaling over \$5 billion. www.floridasturnpike.com/about_system.cfm

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Chapter 4 Personnel/Resumes

SECTION 15 PERSONNEL

For all principals of the Offeror and key personnel providing services sought in the RFQ, provide a detailed resume indicating that individual's areas of expertise and experience. Resumes must be provided in the following format, however, additional information may be provided at the option of the Offeror.

- A. Name and Title
- B. Years Experience with:
 - This Contractor:
 - With Other Similar Contractors:
- C. Education:
 - Degree(s):
 - Year/Specialization:
- D. Professional References: (List a minimum of 3)
- E. Other Relevant Experience and Qualifications
- F. List specifically the number of crew members that will be assigned to provide services, if awarded the Contract, and identify their respective tasks.
- G. Attach applicable licenses for each individual performing Services pursuant to this Contract.
- H. If applicable, attach documentation demonstrating Offeror's status as a disadvantage business entity (DBE) and documentation demonstrating the DBE status of any proposed subcontractors and subconsultants.

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

55

I attest the information provided on the following resumes is true and factual to the best of my knowledge.

By:

Signature

Timothy E. Crobons, Vice President
Connetics Transportation Group, Inc.

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A - Name and Title**Timothy Crobons**

Transit Surveillance and
Development Task Lead;
L RTP Transit Service
Planning/Operations;
Regional Transportation
Planning Transit Service
Planning/Operations;
Modeling

B - Years of Experience

Connetics Transportation
Group: 6 years
Other: 19 years

C - Education

M.B.A., Masters of Business
Admin. University of Central
Florida, Orlando, FL, 1999

B.S., Business Admin -
Management University of
South Florida, Tampa, FL,
1990

D - Professional**References**

Conrad Venema, Interurban
Transit Partnership – The
Rapid,
(616) 774-1191

Amy Inman, Virginia Dept. of
Rail and Public
Transportation,
(804) 225-3207

Steve Salin, Rail Planning
Dallas Area Rapid Transit
(DART),
(214) 749-2828

F - Number of Crew**Assigned**

N/A

G – Registrations**(See Attached)**

N/A

H - DBE Documentation

Georgia DOT

E - Other Relevant Experience and Qualifications

Mr. Tim Crobons has 25 years of transportation planning experience. Mr. Crobons has worked on studies and projects in numerous cities including: Denver, Dallas / Ft. Worth, Grand Rapids, Chicago, Minneapolis, Orlando, Tampa, Miami, Columbus, Indianapolis, Peoria, Pittsburgh, Washington D.C., Charlotte, Norfolk, Baton Rouge and Seattle. Mr. Crobons has experience with a wide variety of transit-related projects including Service Plans and O&M Cost Estimates for numerous systems plans and FTA Section 5309 New Starts Corridor level projects (AA, DEIS, FEIS, PE), Short-Range and Long-Range service plans for Comprehensive Operations Analyses (COA).

Minneapolis/ St. Paul Central Corridor Engineering Services.

Mr. Crobons was responsible for preparing bus and Light Rail Transit (LRT) operations plans for the SDEIS project alternatives. He worked closely with Metro Transit service planning staff and ridership forecasters in defining the operations plans, estimating operating statistics and annual O&M costs. Operating plans developed for this study effort included a No Build, Baseline and a Build LRT Alternative, which were used for FTA New Starts submittals. Additionally, he was responsible for developing LRT run times used for travel demand modeling. Others tasks included development of a resource build-up Metro Transit O&M cost model and development of a train simulation model to examine downtown Minneapolis LRT operations with combined Central Corridor line and Hiawatha line operations. The Central Corridor has received a Full Funding Grant Agreement by FTA and is currently under construction.

Ft. Worth Southwest to Northeast (SW2NE) Corridor EIS. Mr. Crobons developed bus and rail operations plans and annual operating and maintenance (O&M) cost estimates for a No Build, Baseline and Build Alternatives, which were used for FTA New Starts submittals. The location and alignment of this rail corridor results in a significant restructuring and expansion of the existing Ft. Worth Transportation Authority (The "T") transit system. This rail corridor is designed with connections to two commuter rail lines and one LRT rail line, as well as the Dallas/Ft. Worth International Airport (DFW).

Pinellas County, Florida Alternatives Analysis. Mr. Crobons is responsible for the development of bus and rail operations plans, modal travel time estimates, station location determination, operating and maintenance (O&M) cost methodology and estimation, coordination with travel demand modeling tasks as well as with ongoing Rail and BRT Alternative Analyses in an adjacent County. Operating plans developed for this study effort include a No Build, Baseline and a Build LRT Alternative, which will be used for FTA New Starts submittals. This study effort is a product of the TBARTA Master Plan in which Mr. Crobons lead all operations planning activities.

Veterans / Suncoast Expressway Transit Alternatives Study, Tampa, Florida. Mr. Crobons is responsible for the development of transit operating plans, operating and maintenance (O&M) cost methodology and estimation, coordination with travel demand modeling tasks as well as with ongoing Rail and BRT Alternative Analyses in the Tampa region.

Miami Streetcar Alternatives Analysis. Mr. Crobons developed bus operations plans for a No Build, TSM/Baseline and Build Streetcar Alternatives. He developed run time estimates for streetcar technology, which were utilized in travel demand forecasting for sensitivity analysis and identification of a locally preferred alternative (LPA). Additionally, he developed annual O&M cost estimates for all project alternatives.

TBARTA Regional Transit Master Plan (Tampa). Mr. Crobons developed multimodal transit operating plans for regional transit services identified in the Regional Master Plan, as well as developed background bus networks for an eight county region. Additionally, he was responsible for developing annual operating and maintenance cost estimates for all transit modes identified in the Master Plan. This study effort involved three screening analysis to narrow the final alternative corridors / and transit modes. Mr. Crobons was responsible for developing operating plans, modal run time estimates, coordination with travel demand modeling tasks and annual O&M cost estimates for all phases on this plans development, as well as coordinating these operating plans with eight counties, seven transit operators, and six Metropolitan Planning Organizations (MPO's).

Grand Rapids Transit Master Plan (The Rapid – ITP, Grand Rapids, Michigan). Mr. Crobons performed two roles as part of the Transit Master Plan, 1) Update the previous Comprehensive Operations Analysis (COA), and 2) Assist with the Transit Service Assessment for the Transit Master Plan (TMP). The COA update provided a transitional service expansion plan for the longer range Master Plan. The Transit Master Plan is envisioned as a tool that would provide a strategic direction for The Rapid over the next twenty years. The TMP identifies current and future transit needs, examines alternate courses of action, and targets transit improvements that should be pursued by The Rapid over the next 20 years to accommodate the region's growth and enhance the quality of life for area residents.

Comprehensive Operations Analyses:

CATS, Baton Rouge, LA,

GPMTD, Peoria, IL;

IndyGo, Indianapolis, IN;

LYNX – Orlando, FL;

The Rapid (ITP), Grand Rapids, MI

Mr. Crobons served as Project Manager and prepared a Comprehensive Operations Analysis (COA) for all five transit authorities. Each COA consisted of public involvement, staff input, comprehensive service area analysis and field work, extensive data collection including on-board surveys and full ridecheck surveys, detailed existing service evaluation, a latent demand analysis and preparation of service concepts that led to the development of specific route recommendations.

Service plans included Near-Term, Short-Range and Long-Range (except ITP and GPMTD) recommendations. Service plans developed for CATS, IndyGo and LYNX reflected significant restructuring of bus service with a stratification of “transit emphasis corridor routes” (routes with high levels of service along major arterials), regional routes to major destinations and an extensive network of local routes. CATS, LYNX and The Rapid are all currently developing funding strategies to implement the COA recommendations. COA's conducted for CATS and IndyGo where part of larger studies and were conducted prior to second phases of the Studies that included Alternatives Analysis for the preferred transit corridor within the region. Major Transit Investment and Streetcar Feasibility Studies were also conducted in Grand Rapids (with Connetics Transportation Group participation) following the completion of the COA.

A - Name and Title**Sharon Hollis, AICP**

Transit Plan Development

B - Years of Experience

Connetics Transportation

Group: 4 years

Other: N/A

C - Education

Master of City and Regional
Planning, Environmental
Planning, Georgia Institute of
Technology, Atlanta, GA,
2006

Bachelor of Business
Administration, Real Estate,
Georgia State University,
Atlanta, GA, 2004

D - Professional**References**

Gary Heinline, Pulaski Area
Transit
(540) 980-7780

Arnold Levine,
Fredericksburg Regional
Transit
(540) 372-1222

Scott Clark, GRTC
(804) 358-3871

**F - Number of Crew
Assigned**

N/A

G - Registrations**(See Attached)**

American Institute of
Certified Planners, Certified
Planner Number: 023881

American Planning
Association

Georgia Planning
Association

H - DBE Documentation

Georgia DOT

E - Other Relevant Experience and Qualifications

Ms. Sharon Hollis has gained experience in the transit planning industry since joining Connetics Transportation Group. Ms. Hollis has experience with Comprehensive Operational Analyses in Columbia, SC and Transit Development Plans in Williamsburg, VA, Fredericksburg, VA, and Pulaski, VA. Ms. Hollis has generated route profiles, existing conditions reports, and graphical representations of existing and proposed service for transit system studies throughout the U.S. Ms. Hollis has developed and analyzed ridecheck surveys and on-board surveys in Clemson, SC, Norfolk, VA, Richmond, VA and Miami/Ft. Lauderdale, FL. Ms. Hollis has worked with GIS to conduct demographic analysis and needs assessments for systems in Atlanta, GA, Fort Collins, CO, Peoria, IL, Tampa, FL, Lake County, FL, Ft. Lauderdale, FL, Minneapolis, MN and the Charlottesville area, VA. Ms. Hollis has developed operations plans for corridor projects in North Front Range, Colorado and Minneapolis, MN.

Pulaski Area Transit (PAT) Transit Development Plan (Pulaski, VA). Ms. Hollis managed the PAT Transit Development Plan which included an analysis of rural demand response service and deviated fixed route. Specific work included an analysis of existing conditions, identification of future needs, six year service recommendations, capital improvement plan and a financial plan.

FREDericksburg Regional Transit (FRED) Transit Development Plan (VA). Ms. Hollis managed the FRED Transit Development Plan (TDP) process with specific tasks including the evaluation of existing ridership, service and financial performance characteristics; a peer review comparison of similar-sized transit systems; public outreach efforts to garner input from key stakeholder groups; an on-board survey; the development of goals, objectives and performance standards; and identification of transit service and facility needs. Ms. Hollis also developed the six-year service recommendations, capital improvement plan and financial plan for the TDP.

Comprehensive Study Project for The Central Midlands RTA (Columbia, SC). Ms. Hollis was involved in an extensive analysis of the CMRTA Comprehensive Project which included a COA, Park-n-Ride analysis, and Management Performance Review. Ms. Hollis contributed to the COA through data analysis and public outreach necessary to create existing system and route profiles. She also provided support in the development of three systemwide recommendation packages that transform existing CMRTA service to include fixed route, express and flex-routes and suburban transit centers

Williamsburg Area Transport (WAT) Transit Development Plan (VA). The Virginia Department of Rail and Public Transportation (DRPT) provides technical support for small and mid-sized transit agencies to complete required Transit Development Plans (TDP). As part of that support, Ms. Hollis completed work for the Williamsburg Area Transport TDP, with specific tasks including the evaluation of existing ridership, service and financial performance characteristics; a peer review comparison of similar-sized transit systems; public outreach efforts to garner input from key stakeholder groups; the development of goals, objectives and performance standards; and identification of transit service and facility needs

Lake County Transit Development Plan (FL). In 2008, Lake County conducted a comprehensive update of their transit development plan (TDP). LakeXpress started fixed route service in May 2007. This was the first TDP update since the new service began. Ms. Hollis was involved in the Needs Assessment Analysis, which included GIS analysis to identify existing and

future transit dependent populations and transit supportive corridors. Ms. Hollis also worked on the Marketing and Monitoring components of the plan and updated the peer review and performance measures for the LakeXpress system.

Southern Polytechnic State University (SPSU) Transportation Systems Master Plan (Marietta, GA). Ms. Hollis provide transit service analysis and recommendations as part of SPSU's Transportation Systems Master Plan, which addresses existing and future transportation needs of the campus, including safety and operational issues for pedestrians, bicyclists, transit users, and motorists for a growing student population over a five-year and 10-year time period. Ms. Hollis conducted an existing conditions analysis, provided an assessment of future transit demand, performed a geographical analysis of existing and future transit ridership, and developed alternatives and operating plans for the preferred alternative.

Fort Collins (Transfort), Loveland (COLT) and Poudre County School District Transit Strategic Plan (CO). As part of a 2008 update to the City of Fort Collin's Transit Strategic Plan (TSP) conducted in 2002, which includes the Mason Street BRT project, Ms. Hollis was involved with the detailed evaluation of existing Transfort (Fort Collins) and COLT (Loveland) transit services. Specific tasks included meetings with bus operators, extensive fieldwork and evaluation of existing ridership and service statistic data. Technical Memorandums were prepared that present detailed route assessments and identification of existing route strengths and weaknesses.

South Florida RTA, Tri-Rail Survey (Ft. Lauderdale/Miami, FL). The South Florida Regional Transportation Authority conducted an On-Board Passenger Survey of the Tri-Rail commuter rail system in the 3-county Palm Beach, Broward and Miami-Dade region. Ms. Hollis was responsible for the results of that survey. Work tasks included managing the data entry, performing data analysis, generating graphical analysis of origins and destinations in GIS and preparing a results summary. As part of an additional task, Ms. Hollis participated in a feeder bus analysis of the Tri-Rail Commuter Rail system, which included fieldwork, analysis and generation of individual station profiles.

GRTC Broad Street Corridor On-Board Survey (Richmond, VA). CTG completed an on-board survey of GRTC transit riders as part of the Broad Street Corridor BRT Project. Ms. Hollis managed the survey process, which included developing the survey instrument, collecting 4,400 surveys over a three-week period, organizing the data entry and data expansion, and geocoding trip origins, destinations, boarding and alighting data.

Tampa Bay Area Regional Transportation Authority (TBARTA) Regional Transportation Master Plan (FL). As part of a seven-county regional transportation master plan, Ms. Hollis provided technical support in developing the background bus network for a multi-modal transit network that includes express bus, bus rapid transit, light rail and commuter rail. The final mid-term and long-term alternatives were created from 58 alternatives in Screen 1, 34 alternatives in Screen 2 and three alternatives in Screen 3. Ms. Hollis was involved in developing maps for the supporting bus network for all of the alternatives and documenting the analysis of existing service and LRTP Cost Affordable and Needs Networks for the various transit agencies, Screen 1 through 3 alternatives, and the final master plan. As a result of this project, Ms. Hollis has provided support with an alternatives analysis for Pinellas County.



The American Planning Association's
Professional Institute
**American Institute
of Certified Planners**

Connetics Transportation Group
570 Colonial Park Drive
Roswell, GA 30075

June 17, 2011

RE: AICP Verification
Sharon Hollis (ID# 164049)

To whom it may concern,

This is to confirm that Ms. Sharon Hollis, AICP, took and passed the Comprehensive Planning Examination. (CPE) She is a current member, in good standing, of the American Institute of Certified Planners, the professional institute of the American Planning Association. Ms. Hollis has been a member since February 8, 2010 and her certification number is 023881.

For more information about the requirements to become an AICP member, please see our website: www.planning.org/aicp.

Please let me know if I can offer additional assistance.

Sincerely,

Evan Carroll, Program Associate
American Institute of Certified Planners
The American Planning Association's Professional Institute
205 N. Michigan Avenue, Suite 1200, Chicago, IL 60601-5927
p 312.786.6739 f 312.786.6700 ecarroll@planning.org

Please reply to
Chicago office
205 N. Michigan Avenue
Suite 1200
Chicago, IL 60601-5927
p 312.431.9100
planning.org

National Headquarters
1030 15th Street, NW
Suite 750 West
Washington, DC 20005-1503
p 202.872.0611

W. Paul Farmer, AICP
Chief Executive

Anna M. Bresnahan, AICP
President, APA's Professional Institute
American Institute of Certified Planners

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Chapter 4 Personnel/Resumes

SECTION 15 PERSONNEL

For all principals of the Offeror and key personnel providing services sought in the RFQ, provide a detailed resume indicating that individual's areas of expertise and experience. Resumes must be provided in the following format, however, additional information may be provided at the option of the Offeror.

- A. Name and Title
- B. Years Experience with:
 - This Contractor:
 - With Other Similar Contractors:
- C. Education:
 - Degree(s):
 - Year/Specialization:
- D. Professional References: (List a minimum of 3)
- E. Other Relevant Experience and Qualifications
- F. List specifically the number of crew members that will be assigned to provide services, if awarded the Contract, and identify their respective tasks.
- G. Attach applicable licenses for each individual performing Services pursuant to this Contract.
- H. If applicable, attach documentation demonstrating Offeror's status as a disadvantage business entity (DBE) and documentation demonstrating the DBE status of any proposed subcontractors and subconsultants.

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

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I attest the information provided on the following resumes is true and factual to the best of my knowledge.

By:

Signature

Jane Grant
Pierson Grant Public Relations

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A - Name and Title

Jane Grant

Community
Relations/Communications;
Evaluation and Facilitation

B - Years of Experience

Pierson Grant: 17

Other: 10

C - Education

M.A., English, City University
of New York, Brooklyn
College, 1974

B.A., English, City University
of New York, Brooklyn
College, 1970

D - Professional References

Rhonda Calhoun, Executive
Director, Broward League of
Cities, (954) 357-7370

Mark Gatley, Regional
Manager, Broward County
Convention Center,
(954) 765-5920

Dawn McCormick,
Community Affairs Manager,
Waste Management,
(954)984-2041

F - Number of Crew Assigned

N/A

G - Registrations Women's Business Enterprise

H - DBE Documentation

Broward County Business
Enterprise, Small Business
Development Division

E - Other Relevant Experience and Qualifications

Broward League of Cities: Pierson Grant is the PR agency of record for the Broward League of Cities and generates publicity and programming to enhance awareness of common goals and concerns shared by Broward's 31 municipalities and the residents they serve. Topics include education, leadership development, sustainability, development and ethics, among others.

Individual Municipalities: The agency is called upon by individual municipalities to work behind the scenes and assist on a wide variety of assignments involving issues management. The agency also has created brochures and other collateral materials for municipalities.

Broward County Convention Center: Pierson Grant has been the agency of record for the Convention Center since 2000. Responsibilities include strategic planning for marketing initiatives; writing and designing the quarterly newsletter targeting meeting planners, government officials and other stakeholders; visibility for the Center's LEED certification initiative; generating publicity; and overall marketing support and awareness of the Center's role in Broward's economy.

BrowardCenter for the Performing Arts: The agency has represented the BrowardCenter since 1998, generating publicity in support of programming and institutional visibility.

Waste Management: The agency handles community relations and issues management projects for Waste Management. Initiatives include public information campaigns on recycling, trash-to-energy, renaming of Central Landfill as Monarch Hill and strategic support for its future expansion.

Selected examples of other various public affairs initiatives:

Broward County 1999 Library Bond Issue Referendum: Overall planning and implementation of successful public affairs campaign.

Broward County Convention Center Hotel: Public affairs and publicity strategy for highly publicized competitive bid campaign.

Real Estate Development issues: Communication strategies for various developers over the years to manage public information regarding blasting, mold, Chinese drywall and other controversial issues.

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SECTION 7 OFFEROR'S DISCLOSURE OF SUBCONTRACTORS, SUBCONSULTANTS, AND SUPPLIERS

Please list all Subcontractors, Subconsultants, and Suppliers to be used in connection with performance of the Contract. (Use additional pages, if necessary):

Company Name: AECOM Technical Services, Inc.

Address: 2101 Wilson Boulevard

City, State, & Zip Code: Arlington, VA 22201

Company Name: Connetics Transportation Group, Inc. (DBE)

Address: 142 W. Lakeview Avenue, Suite 2070

City, State, & Zip Code: Lake Mary, FL 32746

Company Name: Clary Consulting, LLC

Address: 22260 Wednesday Street, Suite 200

City, State, & Zip Code: Tallahassee, FL 32308

SECTION 6 OFFEROR QUALIFICATION FORM

All information supplied in connection with this form is subject to review and verification. Any and all determinations concerning this information will be used to determine eligibility for participation in the award. Inaccurate or incomplete answers may result in your Offer being deemed as "Non-Responsive."

- (1) How many years has your organization been in business under your present business name?
64 years
- (2) State of Florida Business Tax Receipt type and number:
FL state sales & use tax returns with account number AF1224877801 (Cert.# 63-8012248778-2) and FL state income tax / franchise tax return with ID number 95-4081636 (FEIN)
- (3) County (state county) Business Tax Receipt type and number type and number:
Engineer 04C-09-00011196
- (4) City Business Tax Receipt type and number: Engineering Services/Engineer 11-00025388
(state city)

PROPOSERS MUST INCLUDE A COPY OF EACH LICENSE OR BUSINESS TAX RECEIPT LISTED WITH OFFER

- (5) Have you ever had a contract terminated (either as a prime contractor or sub-contractor,) for failure to comply, breach, or default?
- | | | |
|-----|---|----|
| yes | x | no |
|-----|---|----|

(IF YES, PLEASE ENCLOSE A DETAILED EXPLANATION ON SEPARATE SHEET)

- (6) Please list five Government contract references for similar work in each category in which services are offered:

Company Name: Broward Metropolitan Planning Organization

Address: Trade Centre South

100 West Cypress Creek Road, Suite 7850

City, State, & Zip Code: Ft. Lauderdale, FL 33309

Contact's Name & Phone #: Greg Stuart 954.876.0035

Company Name: Miami-Dade County MPO

Address: 111 NW 1st Street, Suite 910

City, State, & Zip Code: Miami, FL 33128

Contact's Name & Phone #: Jesus Guerra 305.375.2069

Company Name: South Florida Regional Transportation Authority (SFRTA)

Address: 800 NW 33rd Street

City, State, & Zip Code: Pompano Beach, FL 33064

Contact's Name & Phone #: Joe Quinty 954.788.7908

Company Name: Florida Department of Transportation, District Six

Address: 1000 NW 111th Avenue

City, State, & Zip Code: Miami, FL 33172

Contact's Name & Phone #: Ken Jeffries 305.470.5445

Company Name: Hillsborough County MPO

Address: P. O. Box 1110

City, State, & Zip Code: Tampa, FL 33610

Contact's Name & Phone #: Beth Alden, AICP 813.273.3774 x 318

**FAILURE TO COMPLETE AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

Company Name: Pierson Grant (Broward County SBE, Pending FDOT DBE)

Address: The Corporate Park at Cypress Creek

6301 Northwest 5th Way, Suite 2600

City, State, & Zip Code: Fort Lauderdale, FL 33309

Company Name: City Rail Solutions

Address: P. O. Box 76072

City, State, & Zip Code: Tampa, FL 33675

Company Name: _____

Address: _____

City, State, & Zip Code: _____

**FAILURE TO COMPLETE AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

ATTACHMENT A

The Submitting Firm, Jacobs Engineering Group Inc., and its subsidiaries form an organization that is comprised of approximately 125 operating companies and affiliates, having a total current employment complement of over 50,000 persons and revenues of approximately \$10 billion. From time to time and in the ordinary course of its business, the Company is subject to various claims, disputes, terminations, arbitrations, and other legal proceedings. It is the Company's practice to vigorously defend itself in such actions, many of which are generally subject to insurance and none of which are expected to have a materially adverse effect on the Company's consolidated financial statements.

In the past five (5) years Jacobs Engineering Group Inc. has not defaulted or materially failed to complete any work under a contract, or had a contract terminated due to quality of work. From time to time, in the normal course of business, Jacobs Engineering Group Inc. has had contracts terminated for the convenience of the client. Further, to the best of our knowledge and belief, no officer of Jacobs Engineering Group Inc. has within the past five (5) years been an officer of another organization that defaulted or materially failed to complete any work under a contract.



Previous Business Name

Jacobs Engineering Group Inc. (DUNS Number 074103508) has previously done business under the firm names of Jacobs Civil Inc. (DUNS Number 007357721) and Jacobs Facilities, Inc. (DUNS Number 158382973).



Comparable Contracts

Please see our projects experience table located in Chapter 3, sub-tab Experience and Qualifications. Information provided includes comparable contracts for the past 10 years, clients and references, project names, and project start and end dates for Jacobs and our subconsultant partners' relevant projects.



Financial Stability

Jacobs Engineering Group Inc. is one of the world's largest and most diverse providers of professional technical services. With 2010 revenues of nearly \$10 billion, we offer full-spectrum support to industrial, commercial, and government clients across multiple markets. Services include scientific and specialty consulting and all aspects of engineering and construction and operations and maintenance.

Our fundamental business strategy is building long-term client relationships. With more than 60 years in the industry, we have attracted and retained clients by providing superior customer value—in fact, over 90 percent of our work is repeat business from loyal clients. This strategy yields cost advantages, profits and growth, which allows us to attract and retain investors and thus fuel further growth.

The combination of a loyal client base and steady growth enables us to attract and retain the industry's top talent. As a result of this sound business strategy, we are prospering in diverse markets worldwide. Our global network includes more than 160 offices in more than 20 countries. We have operations in North America, the United Kingdom, mainland Europe, India, Australia, Africa and Asia. Our headquarters are in Pasadena, California.

Bankruptcy Proceedings

Jacobs has never filed a petition in bankruptcy, taken any actions with respect to insolvency, reorganization, receivership, moratorium or assignment for the benefit of creditors or otherwise sought relief from creditors.

By:

Signature

Paul F. Wagner
Vice President
Jacobs Engineering Group Inc.



Financial Statement

On the following pages, we have enclosed our firm's 2010 Summary Annual Report. For more details, you may also refer to our SEC filings and Investor Relations tab under "About Jacobs" on our company website, www.jacobs.com, or to request a complimentary copy of our firm's complete Annual Report, email requests are sent to shareholder.information@jacobs.com.



JACOBS®

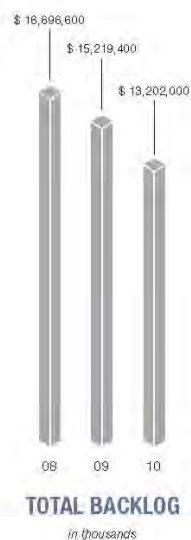
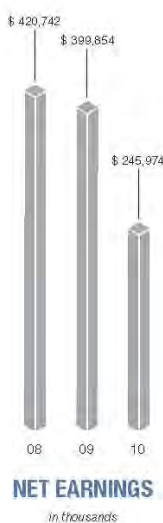
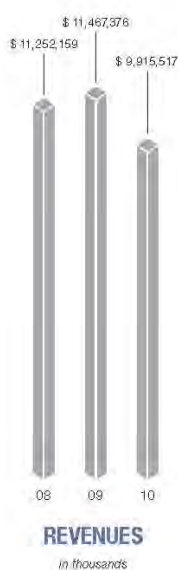
2010 SUMMARY ANNUAL REPORT

FINANCIAL HIGHLIGHTS

Dollars in thousands, except per share information

	2010 October 1	2009 October 2	2008 September 26
Revenues	\$ 9,915,517	\$ 11,467,376	\$ 11,252,159
Net earnings attributable to Jacobs	245,974	399,854	420,742
Per share information:			
Basic EPS	\$ 1.98	\$ 3.26	\$ 3.47
Diluted EPS	1.96	3.21	3.38
Stockholders' equity	22.71	21.14	18.30
Closing year-end stock price	39.01	43.51	55.04
Total assets	\$ 4,683,917	\$ 4,428,614	\$ 4,278,238
Total Jacobs stockholders' equity	2,859,048	2,625,913	2,245,147
Return on average equity	8.97%	16.42%	20.58%
Stockholders of record	1,467	1,461	1,408
Backlog:			
Technical professional services	\$ 7,588,900	\$ 8,209,300	\$ 8,085,200
Total	13,202,000	15,219,400	16,696,600
Permanent staff	38,500	38,900	43,700

Net earnings for fiscal 2010 include a non-recurring after-tax charge of \$66.1 million, or \$0.52 per diluted share.



**REPORT OF ERNST & YOUNG LLP, INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM,
ON CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**

The Board of Directors and Stockholders — Jacobs Engineering Group Inc.

We have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Jacobs Engineering Group Inc. and subsidiaries as of October 1, 2010 and October 2, 2009, and the related consolidated statements of earnings, comprehensive income, changes in stockholders' equity, and cash flows for each of the three fiscal years in the period ended October 1, 2010 (not presented separately herein); and in our report dated November 23, 2010, we expressed an unqualified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying condensed consolidated financial statements is fairly stated in all material respects in relation to the consolidated financial statements from which it has been derived. We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), Jacobs Engineering Group Inc. and subsidiaries' internal control over financial reporting as of October 1, 2010, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated November 23, 2010 expressed an unqualified opinion thereon.

Ernst & Young LLP

Los Angeles, California

November 23, 2010

REPORT BY MANAGEMENT

The management of Jacobs Engineering Group Inc. has prepared the accompanying consolidated financial statements and other financial information included in this summary annual report and is responsible for their integrity and objectivity.

Management maintains a system of internal controls over financial reporting which is designed to provide reasonable assurance that, among other things, transactions are properly authorized, executed, and recorded, and that the Company's records and reports are reliable. Management's Report on Internal Control over Financial Reporting appears under Item 9A in the Company's 2010 Annual Report on Form 10-K filed with the Securities and Exchange Commission.

FINANCIAL DATA

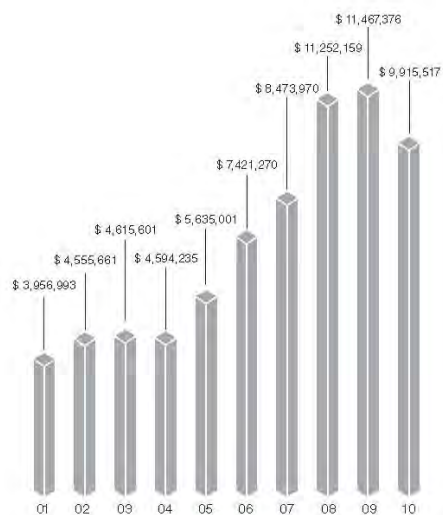
Dollars in thousands, except per share information

	2010	2009	2008	2007
Results of Operations:				
Revenues	\$ 9,915,517	\$ 11,467,376	\$ 11,252,159	\$ 8,473,970
Net earnings attributable to Jacobs	245,974	399,854	420,742	287,130
Financial Position:				
Current ratio	2.23 to 1	2.17 to 1	1.74 to 1	1.78 to 1
Working capital	\$ 1,527,589	\$ 1,522,548	\$ 1,173,237	\$ 1,001,644
Current assets	2,767,042	2,818,449	2,750,234	2,278,078
Total assets	4,683,917	4,428,614	4,278,238	3,389,421
Long-term debt	509	737	55,675	40,450
Total Jacobs stockholders' equity	2,859,048	2,625,913	2,245,147	1,843,662
Return on average equity	8.97%	16.42%	20.58%	17.58%
Backlog:				
Technical professional services	\$ 7,588,900	\$ 8,209,300	\$ 8,085,200	\$ 6,188,500
Total	13,202,000	15,219,400	16,696,600	13,585,800
Per Share Information:				
Basic EPS	\$ 1.98	\$ 3.26	\$ 3.47	\$ 2.42
Diluted EPS	1.96	3.21	3.38	2.35
Stockholders' equity	22.71	21.14	18.30	15.34
Average Number of Shares of Common				
Stock and Common Stock				
Equivalents Outstanding (Diluted)	125,790	124,534	124,357	122,226
Common Shares Outstanding				
At Year End	125,909	124,230	122,701	120,222

Net earnings for fiscal 2010 include a non-recurring after-tax charge of \$66.1 million, or \$0.52 per diluted share.

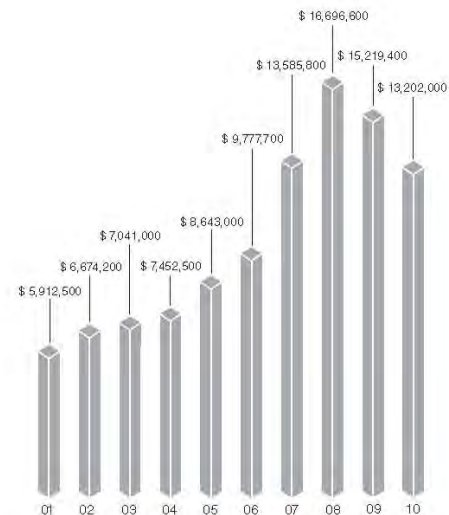
2006	2005	2004	2003	2002	2001
\$ 7,421,270	\$ 5,635,001	\$ 4,594,235	\$ 4,615,601	\$ 4,555,661	\$ 3,956,993
196,883	131,608	115,574	112,645	97,475	75,876
1.75 to 1	1.70 to 1	1.58 to 1	1.59 to 1	1.32 to 1	1.35 to 1
\$ 776,766	\$ 552,336	\$ 397,599	\$ 358,683	\$ 234,486	\$ 245,500
1,817,961	1,337,431	1,083,513	970,097	974,903	946,159
2,853,884	2,378,859	2,093,819	1,688,096	1,688,093	1,568,111
77,673	89,632	78,758	17,806	85,732	164,308
1,423,214	1,165,780	1,027,802	859,669	703,722	602,872
15.21%	12.00%	12.25%	14.41%	14.92%	13.71%
\$ 5,153,400	\$ 4,329,000	\$ 3,989,000	\$ 3,383,200	\$ 3,045,600	\$ 2,490,100
9,777,700	8,643,000	7,452,500	7,041,000	6,674,200	5,912,500
\$ 1.69	\$ 1.15	\$ 1.03	\$ 1.02	\$ 0.90	\$ 0.71
1.64	1.12	1.01	1.00	0.88	0.70
12.06	10.03	9.06	7.70	6.42	5.61
120,373	117,379	114,867	112,784	110,792	108,991
117,992	116,260	113,397	111,672	109,531	107,489

FINANCIAL DATA



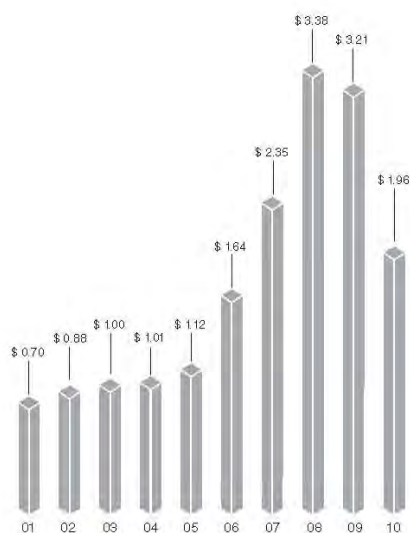
REVENUES

in thousands

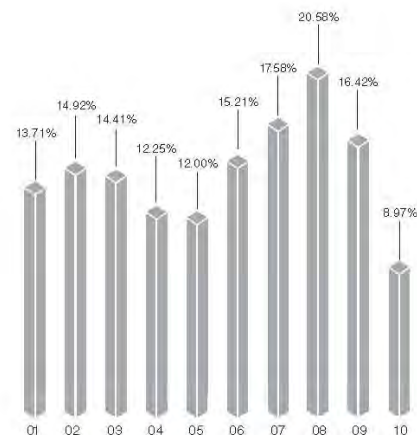


TOTAL BACKLOG

in thousands



EARNINGS PER SHARE (DILUTED)



RETURN ON AVERAGE EQUITY

CONSOLIDATED BALANCE SHEETS

In thousands, except share information

	2010 October 1	2009 October 2
Assets		
Current Assets:		
Cash and cash equivalents	\$ 938,842	\$ 1,033,619
Receivables	1,659,844	1,618,561
Deferred income taxes	117,698	117,066
Prepaid expenses and other current assets	50,658	49,203
Total current assets	2,767,042	2,818,449
Property, Equipment and Improvements, Net	215,032	240,350
Other Noncurrent Assets:		
Goodwill	1,118,889	929,842
Miscellaneous	582,954	439,973
Total other noncurrent assets	1,701,843	1,369,815
	<u>\$ 4,683,917</u>	<u>\$ 4,428,614</u>
Liabilities and Stockholders' Equity		
Current Liabilities:		
Notes payable	\$ 79,399	\$ 17,495
Accounts payable	303,877	340,651
Accrued liabilities	661,278	679,109
Billings in excess of costs	194,899	252,149
Income taxes payable	—	6,497
Total current liabilities	1,239,453	1,295,901
Long-term Debt	509	737
Other Deferred Liabilities	579,027	500,501
Commitments and Contingencies		
Stockholders' Equity:		
Capital stock		
Preferred stock, \$1 par value, authorized—1,000,000 shares; issued and outstanding—none	—	—
Common stock, \$1 par value, authorized—240,000,000 shares; issued and outstanding—125,909,073 shares and 124,229,933 shares, respectively	125,909	124,230
Additional paid-in capital	767,514	703,860
Retained earnings	2,251,366	2,009,338
Accumulated other comprehensive loss	(285,741)	(211,515)
Total Jacobs stockholders' equity	2,859,048	2,625,913
Noncontrolling Interests	5,880	5,562
Total Group stockholders' equity	2,864,928	2,631,475
	<u>\$ 4,683,917</u>	<u>\$ 4,428,614</u>

FINANCIAL DATA

CONSOLIDATED STATEMENTS OF EARNINGS

In thousands, except share information

	2010 <i>October 1</i>	2009 <i>October 2</i>	2008 <i>September 26</i>
Revenues	\$ 9,915,517	\$ 11,467,376	\$ 11,252,159
Costs and Expenses:			
Direct costs of contracts	(8,582,912)	(9,906,493)	(9,517,673)
Selling, general and administrative expenses	(932,522)	(940,310)	(1,091,427)
Operating Profit	400,083	620,573	643,059
Other Income (Expense):			
Interest income	4,791	13,145	15,447
Interest expense	(9,874)	(2,916)	(4,414)
Miscellaneous income (expense), net	(3,066)	(6,670)	3,876
Total other income (expense), net	(8,149)	3,559	14,909
Earnings Before Taxes	391,934	624,132	657,968
Income Tax Expense	(145,647)	(224,919)	(236,669)
Net Earnings of the Group	246,287	399,213	421,299
Net (Earnings) Loss Attributable to Noncontrolling Interests	(313)	641	(557)
Net Earnings Attributable to Jacobs	\$ 245,974	\$399,854	\$ 420,742
Net Earnings Per Share:			
Basic	\$ 1.98	\$ 3.26	\$ 3.47
Diluted	\$ 1.96	\$ 3.21	\$ 3.38

Net earnings for fiscal 2010 include a non-recurring after-tax charge of \$66.1 million, or \$0.52 per diluted share.

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOW

In thousands

	2010 October 1	2009 October 2	2008 September 26
Cash Flows from Operating Activities:			
Net earnings	\$ 245,974	\$ 399,854	\$ 420,742
Depreciation and amortization	88,495	86,342	73,126
Stock based compensation	24,361	24,085	21,289
Other, net (primarily changes in the working capital and deferred income tax accounts)	(161,860)	23,186	(201,746)
Net cash provided by operating activities	196,970	533,467	313,411
Cash Flows from Investing Activities:			
Additions to property and equipment, net of disposals	(34,696)	(53,258)	(114,403)
Acquisitions of businesses, net of cash acquired	(259,492)	(23,329)	(264,067)
Other, net	(80,163)	(18,327)	(31,440)
Net cash used for investing activities	(374,351)	(94,914)	(409,910)
Cash Flows from Financing Activities:			
Net change in long-term borrowings	(217)	(45,963)	18,235
Net change in short-term borrowings	58,090	15,933	(6,821)
Proceeds from issuance of common stock	36,209	43,361	46,362
Other, net	1,548	(52,334)	41,013
Net cash provided by (used for) financing activities	95,630	(39,003)	98,789
Effect of Exchange Rate Changes	(13,026)	29,649	(11,222)
Increase (Decrease) in Cash and Cash Equivalents	(94,777)	429,199	(8,932)
Cash and Cash Equivalents at Beginning of Period	1,033,619	604,420	613,352
Cash and Cash Equivalents at End of Period	\$ 938,842	\$ 1,033,619	\$ 604,420
Other Cash Flow Information:			
Interest paid	\$ 11,700	\$ 1,700	\$ 3,500
Income taxes paid	\$ 170,800	\$ 255,500	\$ 177,700



Litigation History

The submitting firm, Jacobs Engineering Group Inc., and its subsidiaries form an organization that is comprised of approximately 125 operating companies and affiliates, having a total current employment complement of over 50,000 persons and revenues of approximately \$10 billion. From time to time and in the ordinary course of its business, the Company is subject to various claims, disputes, terminations, arbitrations and other legal proceedings. It is the Company's practice to vigorously defend itself in such actions, many of which are generally subject to insurance and none of which are expected to have a materially adverse effect on the Company's consolidated financial statements.

In the past five years, Jacobs Engineering Group Inc. has not defaulted or materially failed to complete any work under a contract or had a contracted terminated due to quality of work. From time to time, in the normal course of business, Jacobs Engineering Group Inc. has had contracts terminated for the convenience of the client. Further, to the best of our knowledge and belief, no officer of Jacobs Engineering Group Inc. has within the past five years been an officer of another organization that defaulted or materially failed to complete any work under a contract.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
06/21/2011

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

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

PRODUCER LIC #0437153 1-212-948-1306 Marsh Risk & Insurance Services CIRTS_Support@internal.jacobs.com 777 S. Figueroa Street Los Angeles, CA 90017-5822 Fax to: 1-212-948-1306		CONTACT NAME: PHONE (A/C, No. Ext): FAX (A/C, No): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:	
INSURED Jacobs Engineering Group Inc. 1111 South Arroyo Parkway P.O. Box 7084 Pasadena, CA 91109-7084		INSURER(S) AFFORDING COVERAGE INSURER A: ACE AMER INS CO 22667 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 21863482

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL LIABILITY GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC		HDO G25529030	07/01/11	07/01/12	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 250,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		ISA H08635651	07/01/11	07/01/12	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	WCU C46479968 (LA, OH, TX) WLR C46479920 (AOS) SCF C46479944 (ME, WI)	07/01/11 07/01/11 07/01/11	07/01/12 07/01/12 07/01/12	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	PROFESSIONAL LIABILITY "CLAIMS MADE"		EON G21655065 003	07/01/11	07/01/12	PER CLAIM/PER AGGREGATE \$ 2,000,000 DEFENSE INCLUDED \$ 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

OFFICE LOCATION: Tampa, FL 33647. PROJECT MGR: Vikas Jain. CONTRACT MGR: David Adair. SENIOR CONTRACT MGR: Paul Wagner. RE: Transportation Planning Services. CONTRACT NUMBER: RFP # 11-01. CONTRACT END DATE: 02/01/2013. PROPOSAL NUMBER: 11-01. SECTOR: Public. *\$2,000,000 SIR FOR STATES OF: LA, OH, TX. The Broward Metropolitan Planning Organization is added as an additional insured for general liability as respects the negligence of the insured in the performance of insured's services to cert holder under contract for captioned work. Coverage is primary and certificate holder's insurance is excess and noncontributory. *THIS IS A SAMPLE CERTIFICATE ONLY*. THE ACTUAL CERTIFICATE FOR THE PROPOSED PROJECT WILL COMPLY WITH THE TERMS AND CONDITIONS NEGOTIATED IN THE FINAL CONTRACT, CONSISTENT WITH POLICY

CERTIFICATE HOLDER**CANCELLATION**

Broward MPO 100 West Cypress Creek Road, Suite 850 Ft. Lauderdale, FL 33309 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Chas M. Brown</i>
--	---

SUPPLEMENT TO CERTIFICATE OF INSURANCE

DATE

06/21/2011

NAME OF INSURED: Jacobs Engineering Group Inc.

TERMS AND CONDITIONS.



Criminal Convictions

Jacobs Engineering Group Inc. has not had any criminal convictions of the company, owners, officers nor anybody to perform work under the Agreement to be issued relative to RFQ #11-01 and its accompanying Scope of Services.



Chapters 12-19

Provided on the following pages are completed and signed affidavits and acknowledgments for each of the following:

- Chapter 12 Offeror's Non-Collusion Certification
- Chapter 13 Independence Affidavit
- Chapter 14 Drug-free Workplace Affidavit
- Chapter 15 Amendment Acknowledgement Form
- Chapter 16 Anti-Kickback Affidavit
- Chapter 17 Non-Discrimination Affidavit
- Chapter 18 Accuracy of Proposal Certification
 - Exceptions to Sample Contract
- Chapter 19 DBE Participation Statement and FDOT Bid Opportunity List

SECTION 10 NON-COLLUSIVE AFFIDAVIT

State of NEW JERSEY)
) SS:
County of MORRIS)

Paul F. Wagner being first duly sworn, deposes and says that:

- (1) He/she is the Vice President, (Owner, Partner, Officer, Representative or Agent) of Jacobs Engineering Group Inc. the Bidder that has submitted the attached Bid;
- (2) He/she is fully informed respecting the preparation and contents of the attached Offer and of all pertinent circumstances respecting such Offer;
- (3) Such Offer is genuine and is not collusive or a sham Offer;
- (4) Neither the said Offeror nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Offeror, firm, or person to submit a collusive or sham Offer in connection with the Work for which the attached Offer has been submitted; or to refrain from bidding in connection with such work; or have in any manner, directly or indirectly, sought by person to fix the price or prices, or to fix any overhead, profit, or cost elements of the price of any other Offeror, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed work;
- (5) Any hourly rates quoted in the attached Offer are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Offeror or any other of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signed, sealed and delivered
in the presence of:


Witness

Witness

By: 

Paul F. Wagner

(Printed Name)

Vice President

(Title)

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

ACKNOWLEDGMENT

State of New Jersey)

) SS.

County of morris)

BEFORE ME, the undersigned authority personally appeared to me well known and known by me to be the person described herein and who executed the foregoing Affidavit and acknowledged to and before me that executed said Affidavit for the purpose therein expressed.

WITNESS, my hand and official seal this 21th day of June 2011.

My Commission Expires:

Elizabeth A. Tomkiewicz
Notary Public State of Florida at Large

ELIZABETH A. TOMKIEWICZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires March 28, 2013

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

SECTION 12 INDEPENDENCE AFFIDAVIT

The undersigned individual, being duly sworn, deposes and says that:

1. He/~~She~~ is Vice President of Jacobs Engineering Group Inc., the OFFEROR that has submitted the attached Offer;
2.
 - a. Below is a list and description of any relationships, professional, financial or otherwise that OFFEROR may have with the BMPO, its elected or appointed officials, its employees or agents or any of its agencies or component units for the past two (2) years. See Below.
 - b. Additionally, the OFFEROR agrees and understands that OFFEROR shall give the BMPO written notice of any other relationships professional, financial or otherwise that OFFEROR enters into with the BMPO its elected or appointed officials, its employees or agents or any of its agencies or component units during the period of this Agreement.

(If paragraph 2(a) above does not apply, please indicate by stating, "Not applicable" in the space below.)

[THIS SPACE INTENTIONALLY LEFT BLANK]

Carter & Burgess Inc. ("C&B") had a contract with BMPO, effective May 8, 2008. C*B is a susidiary of Jacobs Engineering Group Inc.

**SECTION 12
INDEPENDENCE AFFIDAVIT
(CONTINUED)**

2. I have ^{not} attached an additional page to this form explaining why such relationships do not constitute a conflict of interest relative to performing the Services sought in the RFQ.


Signature (ink only)

Paul F. Wagner _____ (CORPORATE SEAL)
Print Name

Vice President _____
Title

6/27/11
Date

New Jersey
STATE OF FLORIDA)
Morris)
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me this 27 day of June, 2011, by Paul Wagner as Vice President for Jacob Engineering Group Inc.

Personally known to me _____ OR

Has produced Identification _____, type of identification produced _____


NOTARY PUBLIC

My Commission Expires:

ELIZABETH A. TOMKIEWICZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires March 26, 2013

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

**SECTION 8
DRUG-FREE WORKPLACE AFFIDAVIT (CONT.)**

FLORIDA STATE STATUTE 287.087

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.



Vendor's Signature

Paul F. Wagner, Vice President

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SECTION 5 AMENDMENT ACKNOWLEDGEMENT FORM

Amendment #	Date Received
Addendum #1	June 21, 2011
Addendum #2	June 21, 2011
Addendum #3	June 29, 2011

OFFEROR: Jacobs Engineering Group Inc.
(Company Name)


(Signature)

Paul F. Wagner, Vice President
(Printed Name & Title)

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

**SECTION 9
ANTI-KICKBACK AFFIDAVIT**

STATE OF FLORIDA }
 }
COUNTY OF BROWARD } SS:

I, the undersigned, hereby duly sworn, depose and say that no portion of the sum that my organization may receive as a result of this Solicitation will be paid to any employees of the BMPO, its elected officials, and/or its consultants, as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

By: 
Paul F. Wagner
Title: Vice President

Sworn and subscribed before this

27 day of June, 20 11


Notary Public, State of Florida

(Printed Name) **ELIZABETH A. TOMKIEWICZ**

My commission expires: _____
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires March 26, 2013

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

SECTION 11
NON-DISCRIMINATION AFFIDAVIT

I, the undersigned, hereby duly sworn, depose and say that the organization, business or entity represented herein shall not discriminate against any person in its operations, activities or delivery of services under any agreement it enters into with the Broward Metropolitan Planning Organization. The same shall affirmatively comply with all applicable provisions of federal, state and local equal employment laws and shall not engage in or commit any discriminatory practice against any person based on race, age, religion, color, gender, sexual orientation, national origin, marital status, physical or mental disability, political affiliation or any other factor which cannot be lawfully used as a basis for service delivery.

By: 
Paul F. Wagner
Title: Vice President

Sworn and subscribed before this

21st day of June, 20 11


Notary Public, State of Florida

(Printed Name)

ELIZABETH A. TOMKIEWICZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires March 26, 2013

My commission expires: _____

**FAILURE TO COMPLETE AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

SECTION 13 ACCURACY OF OFFER CERTIFICATION

OFFEROR, by executing this Form, hereby certifies and attests that all Forms, Affidavits and documents related thereto that it has enclosed in support of its Offer are true and accurate. Failure by OFFEROR to attest to the truth and accuracy of such Forms, Affidavits and documents shall result in the Offer being deemed non-responsive and such Offer will not be considered.

The undersigned individual, being duly sworn, deposes and says that:

1. He/~~She~~ is Vice President of Jacobs Engineering Group Inc. the OFFEROR that has submitted the attached Offer;
2. He/~~She~~ is fully informed respecting the preparation and contents of the attached Offer and of all Forms, Affidavits and documents submitted in support of such Offer;
3. All Forms, Affidavits and documents submitted in support of this Proposal and included in this Proposal are true and accurate;
4. No information that should have been included in such Forms, Affidavits and documents has been omitted; and

[THIS SPACE INTENTIONALLY LEFT BLANK]

**SECTION 13
ACCURACY OF OFFER CERTIFICATION
(CONTINUED)**

5. No information that is included in such Forms, Affidavits or documents is false or misleading.


Signature

Paul F. Wagner (CORPORATE SEAL)
Print Name

Vice President
Title

6/27/11
Date

STATE OF FLORIDA)
)
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me this 27 day of June, 2011, by Paul F. Wagner as Vice President for _____.

Personally known to me _____ OR

Has produced Identification _____, type of identification produced _____

My Commission Expires:


NOTARY PUBLIC
ELIZABETH A. TOMKIEWICZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires March 26, 2013

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR OFFER NON-RESPONSIVE**

IN CONSIDERATION OF THE MUTUAL COVENANTS AND CONDITIONS HEREIN EXPRESSED AND THE FAITHFUL PERFORMANCE OF ALL SUCH COVENANTS AND CONDITIONS, THE PARTIES AGREE AS FOLLOWS:

SECTION 1. SCOPE OF SERVICES

- 1.1 The CONTRACTOR must meet the requirements and perform the services identified in the Request for Qualifications for Transportation Planning Services dated _____ ("RFQ"), attached hereto and made a part hereof, as Exhibit "A", and the CONTRACTOR'S Offer, attached hereto and made a part hereof, as Exhibit "B".

Comment:
Will there be an RFQ?

- 1.2 CONTRACTOR agrees and acknowledges that CONTRACTOR is prohibited from exempting provisions of the RFQ and this Agreement in any of CONTRACTOR'S services pursuant to this Agreement.

SECTION 2. TERM

- 2.1 The term of this Agreement shall begin on the date it is fully executed by both parties and shall extend for a five (5) year period.
- 2.2 After the initial five (5) year term, the BMPO shall have the option to renew for an additional term of five (5) years. The parties hereto may extend this Agreement by mutual consent, in writing, prior to the expiration of the current term. This provision in no way limits either party's right to terminate this Agreement at any time during the initial term or any extension thereof, pursuant to Section 4 of the Agreement.

SECTION 3. COMPENSATION

- 3.1 The amount of compensation payable by the BMPO to CONTRACTOR shall be based upon the rates and schedules as set forth in Exhibit "C", attached hereto and made a part hereof, which amount shall be accepted by CONTRACTOR as full compensation for all such work performed under this Agreement. It is acknowledged and agreed by CONTRACTOR that these amounts are the maximum payable and constitute a limitation upon BMPO'S obligation to compensate CONTRACTOR for its services related to this Agreement. This maximum amount, however, does not constitute a limitation of any sort, upon CONTRACTOR'S obligation to perform all items of work required by or which can be reasonably inferred from the Scope of Services.

Jacobs to furnish?

- 3.2 ~~CONTRACTOR may submit an invoice for compensation, developed and agreed upon by the BMPO Executive Director and CONTRACTOR, no~~

This Agreement may be terminated for cause by the CONTRACTOR if the BMPO is in breach and has not corrected the breach within sixty (60) days after written notice from the CONTRACTOR identifying the breach.

Termination of this Agreement by the BMPO for cause shall include but not be limited to, failure to suitably perform the services *after opportunity to correct any deficient services* failure to continuously perform the services in a manner calculated to meet or accomplish the objectives of BMPO as set forth in this Agreement or multiple breach of the provisions of this Agreement notwithstanding whether any such breach was previously waived or cured.

Notice of termination shall be provided in accordance with the "NOTICES" section of this Agreement.

In the event this Agreement is terminated for convenience, CONTRACTOR shall be paid for any services performed to the date the Agreement is terminated; however, upon being notified of BMPO's election to terminate, CONTRACTOR shall refrain from performing further services or incurring additional expenses under the terms of this Agreement. CONTRACTOR acknowledges and agrees that Ten Dollars (\$10.00) of the compensation to be paid by BMPO, the adequacy of which is hereby acknowledged by CONTRACTOR, is given as specific consideration to CONTRACTOR for BMPO's right to terminate this Agreement for convenience.

In the event this Agreement is terminated, any compensation payable by BMPO shall be withheld until all documents are provided to BMPO pursuant to Section 7.1 of this Agreement. In no event shall the BMPO be liable to CONTRACTOR for any additional compensation, other than that provided herein, ~~nor~~ for any consequential or incidental damages.

SECTION 5. INDEMNIFICATION

To the fullest extent permitted by law, the CONTRACTOR hereby agrees to indemnify and hold harmless the BMPO, and its officials, employees and agents, from liabilities, damages, losses and costs including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONTRACTOR and other persons employed or utilized by the CONTRACTOR in the performance of this Agreement. The provisions of this section shall survive the expiration or earlier termination of this Agreement. ~~To the extent considered necessary by the BMPO Executive Director and the BMPO Attorney, any sums due CONTRACTOR under this Agreement may be retained by BMPO until all of BMPO'S claims for indemnification pursuant to this Agreement have been settled or otherwise resolved; and any amount withheld shall not be subject to payment of interest by BMPO.~~ *and neither party shall be liable to the other*

7.21 **Multiple Originals.** This Agreement may be fully executed in four (4) copies by all parties each of which, bearing original signatures, shall have the force and effect of an original document.

7.22 **Headings.** Headings are for convenience of reference only and shall not be considered in any interpretation of this Agreement.

7.23 **Binding Authority.** Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

7.24 **Public Records.** *has prepared for and* CONTRACTOR understands that the public shall have access, at all reasonable times, to all documents and information pertaining to BMPO contracts, subject to the provisions of Chapter 119, Florida Statutes, and agrees to allow access by the BMPO and the public to all documents subject to disclosures under applicable law. CONTRACTOR'S failure or refusal to comply with the provisions of this section shall result in the immediate cancellation of this Agreement by the BMPO.

7.25 **Survival of Provisions.** Any terms or conditions of this Agreement that require acts beyond the date of its termination shall survive the termination of this Agreement, shall remain in full force and effect unless and until the terms of conditions are completed, and shall be fully enforceable by either party.

✓ 7.26 **Truth-in-Negotiation Certificate.** Signature of this Agreement by CONTRACTOR shall act as the execution of a truth-in-negotiation certificate stating that wage rates and other factual unit costs supporting the compensation of this Agreement are accurate, complete, and current at the time of contracting.

[THIS SPACE INTENTIONALLY LEFT BLANK]

Contractor will endeavor to provide

d) Certificates will indicate no cancellation, modification, or change in insurance shall be made without sixty (60) days written advance notice to the certificate holder.

e) Compliance with the foregoing requirements shall not relieve the Successful Offeror of his liability and obligation under this section or under any other section if this section or under any other section of the Contract.

f) Issuance of a purchase order, work authorization or notice to proceed is contingent upon receipt of the insurance documents within five (5) business days after the executing of the Contract by the BMPO. If the insurance certificate is received within the specific time frame, but not in the manner prescribed in this Section, the Successful Offeror shall be verbally notified of such deficiency and shall have an additional five (5) calendar days to submit a corrected certificate to the BMPO. If the Successful Offeror fails to submit the required insurance documents in the manner prescribed in this Agreement within five (5) business days after the executing of the Contract by an authorized official of the BMPO, the Successful Offeror shall be in default of the terms and conditions and the Contract shall be deemed terminated immediately. Under these circumstances, the Successful Offeror may be prohibited from submitting future proposals to the BMPO for a period of twelve (12) months.

g) The Successful Offeror shall be responsible for assuring that the insurance certificate required in conjunction with this Section remain in force for the duration of the period of performance for any contractual agreement(s) resulting from this solicitation. If insurance certificates are scheduled to expire during the term hereof, the Successful Offeror shall be responsible for submitting new or renewed insurance certificates to the BMPO at a minimum of thirty (30) calendar days in advance of such expiration. In the event that expired certificates are not replaced with new or renewed certificates which cover the term hereof, the BMPO shall suspend the Contract until such time as the new or renewed certificates are received by the BMPO in a manner prescribed in this Section; provided however, that this suspension period does not exceed thirty (30) days, the BMPO may at its sole discretion, terminate the Contract and seek re-procurement charges from the Successful Offeror.

h) If, in the judgment of the BMPO, prevailing conditions warrant the provision by Successful Offeror of additional liability insurance coverage or coverage which is different in kind, the BMPO reserves the right to require the provision by Successful Offeror of an amount of coverage different from the amounts or kind previously required and shall afford written notice of such change in requirements thirty (30) days prior to the date on which the requirements shall take effect. Should the Successful Offeror fail or refuse to satisfy the requirement of changed coverage within thirty (30) days following the BMPO's written notice, the Contract shall be considered terminated on the date that the required change in policy coverage would otherwise take effect.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**BID OPPORTUNITY LIST FOR PROFESSIONAL CONSULTANT SERV
AND COMMODITIES & CONTRACTUAL SERVICES**

375-040-62
Procurement
04/07

Prime Contractor/Consultant: Jacobs Engineering Group Inc.

Address/Telephone Number: 800 Fairway Drive, Suite 190, Deerfield Beach, FL 33441 (954) 246-1235

Procurement Number/Advertisement Number: RFQ #11-01 _____

The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. For consulting companies this list must include all subconsultants contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors and consultants must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, 7, and 8 for themselves, and their subcontractors and subconsultants.

<p>1. Federal Tax ID Number: <u>F-954081636</u> 6.</p> <p>2. Firm Name: <u>Jacobs Engineering Group Inc.</u></p> <p>3. Phone: <u>863.804.940</u></p> <p>4. Address: <u>555 N. Broadway Avenue</u> 7. <u>Bartow, Florida 33830</u></p> <p>5. Year Firm Established: <u>1928</u></p>	<p><input type="checkbox"/> DBE <input checked="" type="checkbox"/> Non-DBE <input type="checkbox"/> Sub-contractor <input type="checkbox"/> Sub-consultant</p>	<p>8. Annual Gross Receipts: <input type="checkbox"/> Less than \$1 Million <input type="checkbox"/> Between \$1 - \$5 Million <input type="checkbox"/> Between \$5 - \$10 Million <input type="checkbox"/> Between \$10 - \$15 Million <input checked="" type="checkbox"/> More than \$15 Million</p>
<p>1. Federal Tax ID Number: <u>20-2342464</u> 6.</p> <p>2. Firm Name: <u>Connetics Transportation Group, Inc.</u></p> <p>3. Phone: <u>407.302.5131</u></p> <p>4. Address: <u>124 W. Lakeview Avenue, Suite 2070</u> 7. <u>Lake Mary, FL 32746</u></p> <p>5. Year Firm Established: _____</p>	<p><input checked="" type="checkbox"/> DBE <input type="checkbox"/> Non-DBE <input type="checkbox"/> Sub-contractor <input checked="" type="checkbox"/> Sub-consultant</p>	<p>8. Annual Gross Receipts: <input type="checkbox"/> Less than \$1 Million <input checked="" type="checkbox"/> Between \$1 - \$5 Million <input type="checkbox"/> Between \$5 - \$10 Million <input type="checkbox"/> Between \$10 - \$15 Million <input type="checkbox"/> More than \$15 Million</p>
<p>1. Federal Tax ID Number: <u>261633711</u> 6.</p> <p>2. Firm Name: <u>Clary Consulting, LLC</u></p> <p>3. Phone: <u>850.391.9798</u></p> <p>4. Address: <u>22260 Wednesday Street, Suite 200</u> 7. <u>Tallahassee, FL 32308</u></p> <p>5. Year Firm Established: <u>2008</u></p>	<p><input type="checkbox"/> DBE <input checked="" type="checkbox"/> Non-DBE <input type="checkbox"/> Sub-contractor <input checked="" type="checkbox"/> Sub-consultant</p>	<p>8. Annual Gross Receipts: <input checked="" type="checkbox"/> Less than \$1 Million <input type="checkbox"/> Between \$1 - \$5 Million <input type="checkbox"/> Between \$5 - \$10 Million <input type="checkbox"/> Between \$10 - \$15 Million <input type="checkbox"/> More than \$15 Million</p>
<p>1. Federal Tax ID Number: <u>650548108</u> 6.</p> <p>2. Firm Name: <u>Pierson Grant Public Relations</u></p> <p>3. Phone: <u>954.776.1999</u></p> <p>4. Address: <u>6301 Northwest 5th Way, Suite 2600</u> 7. <u>Fort Lauderdale, FL 33309</u></p> <p>5. Year Firm Established: <u>1995</u></p>	<p><input checked="" type="checkbox"/> (Broward County SBE) <input type="checkbox"/> Non-DBE <input type="checkbox"/> Sub-contractor <input checked="" type="checkbox"/> Sub-consultant</p>	<p>8. Annual Gross Receipts: <input type="checkbox"/> Less than \$1 Million <input checked="" type="checkbox"/> Between \$1 - \$5 Million <input type="checkbox"/> Between \$5 - \$10 Million <input type="checkbox"/> Between \$10 - \$15 Million <input type="checkbox"/> More than \$15 Million</p>
<p>1. Federal Tax ID Number: <u>95-2661922</u> 6.</p> <p>2. Firm Name: <u>AECOM Technical Services, Inc.</u></p> <p>3. Phone: <u>703.340.3100</u> 21</p> <p>4. Address: <u>2101 Wilson Boulevard</u> 7. <u>Suite 800</u> <u>Arlington, VA 22201</u></p> <p>5. Year Firm Established: <u>2008</u></p>	<p><input type="checkbox"/> DBE <input checked="" type="checkbox"/> Non-DBE <input type="checkbox"/> Sub-contractor <input checked="" type="checkbox"/> Sub-consultant</p>	<p>8. Annual Gross Receipts: <input type="checkbox"/> Less than \$1 Million <input type="checkbox"/> Between \$1 - \$5 Million <input type="checkbox"/> Between \$5 - \$10 Million <input type="checkbox"/> Between \$10 - \$15 Million <input checked="" type="checkbox"/> More than \$15 Million</p>

1. Federal Tax ID Number: 272063295	6.	<input type="checkbox"/> DBE	8. Annual Gross Receipts:
2. Firm Name: City Rail Solutions		<input checked="" type="checkbox"/> Non-DBE	<input checked="" type="checkbox"/> Less than \$1 Million
3. Phone: 813.321.3923		<input type="checkbox"/> Sub-contractor	<input type="checkbox"/> Between \$1 - \$5 Million
4. Address: P. O. Box 76072	7.	<input checked="" type="checkbox"/> Sub-consultant	<input type="checkbox"/> Between \$5 - \$10 Million
Tampa, FL 33675			<input type="checkbox"/> Between \$10 - \$15 Million
5. Year Firm Established: 2010			<input type="checkbox"/> More than \$15 Million

1. Federal Tax ID Number:	6.	<input type="checkbox"/> DBE	8. Annual Gross Receipts:
2. Firm Name:		<input type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 Million
3. Phone:		<input type="checkbox"/> Sub-contractor	<input type="checkbox"/> Between \$1 - \$5 Million
4. Address:	7.	<input type="checkbox"/> Sub-consultant	<input type="checkbox"/> Between \$5 - \$10 Million
			<input type="checkbox"/> Between \$10 - \$15 Million
5. Year Firm Established:			<input type="checkbox"/> More than \$15 Million

1. Federal Tax ID Number:	6.	<input type="checkbox"/> DBE	8. Annual Gross Receipts:
2. Firm Name:		<input type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 Million
3. Phone:		<input type="checkbox"/> Sub-contractor	<input type="checkbox"/> Between \$1 - \$5 Million
4. Address:	7.	<input type="checkbox"/> Sub-consultant	<input type="checkbox"/> Between \$5 - \$10 Million
			<input type="checkbox"/> Between \$10 - \$15 Million
5. Year Firm Established:			<input type="checkbox"/> More than \$15 Million

1. Federal Tax ID Number:	6.	<input type="checkbox"/> DBE	8. Annual Gross Receipts:
2. Firm Name:		<input type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 Million
3. Phone:		<input type="checkbox"/> Sub-contractor	<input type="checkbox"/> Between \$1 - \$5 Million
4. Address:	7.	<input type="checkbox"/> Sub-consultant	<input type="checkbox"/> Between \$5 - \$10 Million
			<input type="checkbox"/> Between \$10 - \$15 Million
5. Year Firm Established:			<input type="checkbox"/> More than \$15 Million
