



# Proposed Staffing Plan

## *Capabilities of the firm.....*

Parsons Brinckerhoff (PB) appreciates the opportunity to have worked with District One on numerous assignments including:

- I-75 and Daniels Parkway Interchange
- I-75 and Alico Road Interchange
- I-75 Peace River Bridges PD&E
- I-75 PD&E from SR951 to Bonita Beach Road
- I-4 (Segment 2), west of Memorial Blvd to west of U.S. 98
- I-4 (Segment 8), west of US 98 to east of US 98

Furthermore, we would enjoy continuing to work for you on this assignment. We sincerely believe that it is in the District's best interest to select someone that is familiar with your procedures and preferences, clearly has the expertise and experience required and is committed to doing the absolute best job we can on every task.. The benefits to the District from the continuity of staff, time and effort saved in having to train a new team are legitimate advantages that our Team offers.

The PB Team members and the services they will provide are shown below.

| Firm                               | DBE category | Assignment   |
|------------------------------------|--------------|--|
| Parsons Brinckerhoff               |              | Project Management, QA, Roadway and Structures Design, Traffic, Plans Production, Environmental Services, Drainage, Utilities and Constructability/Biddability |
| Adams Traffic                      | MBE          | Traffic Counts   |
| Archaeological Consultants, Inc.   | DWBE         | Cultural and Archaeological Research   |
| Faller, Davis and Associates, Inc. | DWBE         | Traffic Control Design   |
| Cumbey & Fair, Inc.                | MBE          | Survey and Right-of-Way Mapping  |
| Tierra, Inc.                       | MBE          | Geotechnical Services  |

The organization chart shown on the following page was developed after a detailed review of the project scope, discussions with District personnel and availability of staff. All major assignments and functional responsibilities of the PB Team members are identified in this graphic.

## *Responsible Office.....*

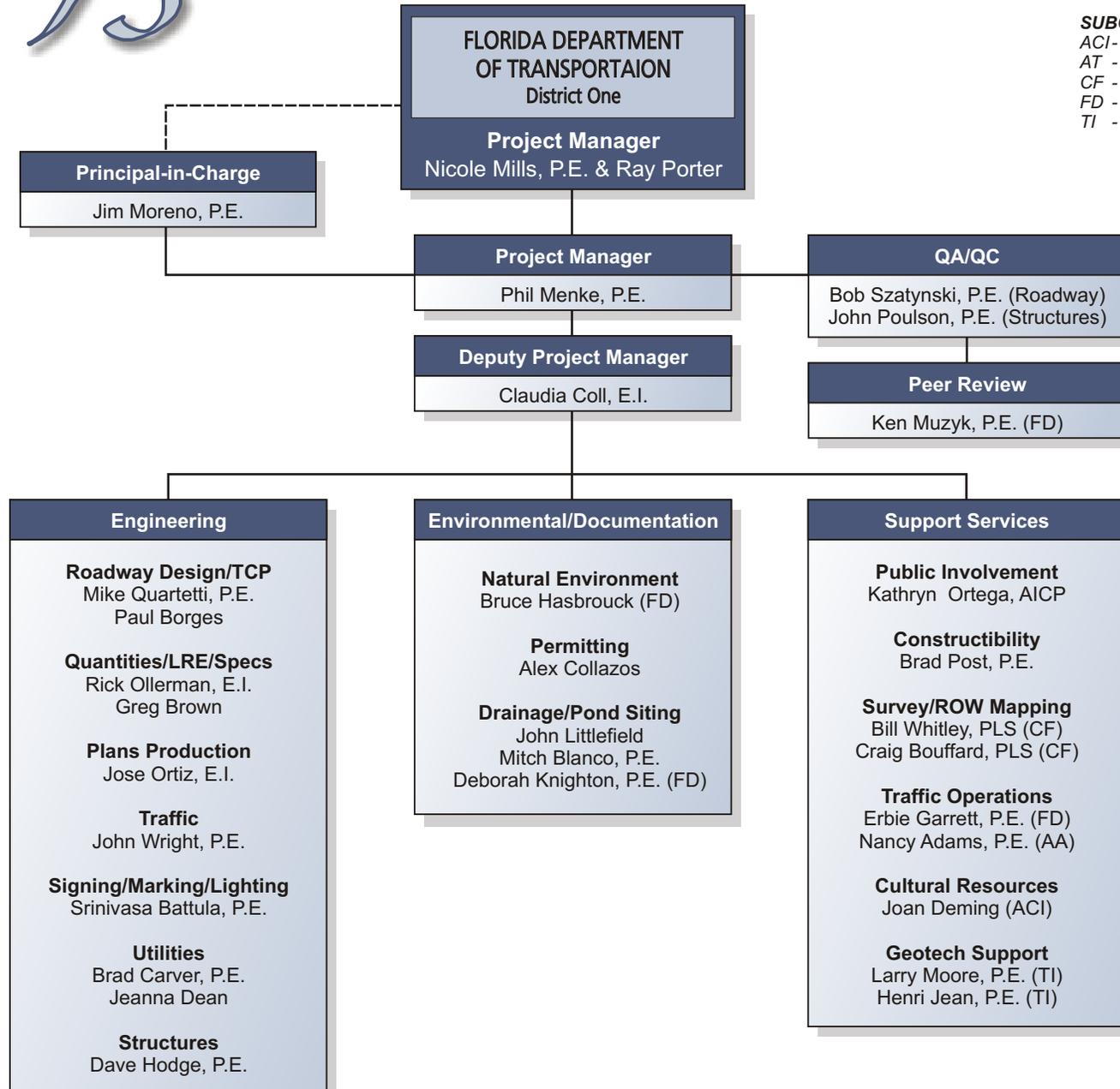
As the prime consultant, PB will be responsible for management and coordination of this contract leading from the Tampa office. This staff of 105 engineers, technicians and support staff focuses on roadway design, drainage, traffic, utilities, structures, environmental and public involvement. As the third largest transportation engineering company in the world, PB will provide the District with ready access to our in-house specialists as well as the resources provided by a global staff of over 9,700.



# I-75

FROM SR 78 TO CHARLOTTE COUNTY LINE AND FROM LEE COUNTY LINE TO TUCKERS GRADE

## STAFF ORGANIZATION



**SUBCONSULTANTS**  
 ACI - Archaeological Consultants, Inc.  
 AT - Adams Traffic  
 CF - Cumbey & Fair  
 FD - Faller Davis & Associates  
 TI - Tierra, Inc.

**Personnel Requirements and Availability.....**

More than any other factor, the successful completion of a project depends on the caliber and commitment of the individuals comprising the Project Team. The Team members proposed for these I-75 design projects are familiar faces to District staff and possess extensive experience in performing similar tasks for the Department throughout West Central and Southwest Florida.

The importance of the Project Manager to the overall success of the contract cannot be overstated. It is essential to have a Project Manager that has an excellent grasp and understanding of the transportation development process, has a thorough understanding of the Department’s needs and preferences, is responsive and proactive, is committed to ensuring that any work done by the Team is up to the highest quality standards and is motivated to produce all contract deliverables on or ahead of schedule.



For the I-75 design projects, PB will commit **Phil Menke, P.E.**, as the Project Manager for this contract. Phil has established local working relationships and an in-depth knowledge of the local transportation system and community. He has the authority and technical expertise to direct all task assignments according to the District's specific requirements. He will interface daily with the project staff and also serve as the District's primary point of contact. Phil’s career highlights include:

- Over 17 years of experience in project management, roadway design, traffic control plans, transportation planning, drainage design, and utility relocation coordination
- Client Project Manager for FDOT Districts 1, 5, 6 and 7, as well as the City of St. Petersburg, Hillsborough County, and Sarasota County

His project experience includes:

- I-75 and Daniels Parkway, Lee County - Project Manager for design and plans production for the reconstruction of the interchange
- I-75/Alico Road Interchange, Lee County - Project Manager
- I-275 - Project Manager for design and plans production for the construction of approximately 6000’ of noise wall
- SR 66 - Project Manager/Lead Design Engineer for the roadway design and development of milling/resurfacing plans for 9.3 miles of a two-lane rural highway
- SR 15 - Project Manager/Lead Design Engineer responsible for the roadway design and development of milling/resurfacing plans for 9.8 miles of a two-lane rural highway
- SR 33 - Project Manager/Lead Design Engineer responsible for the roadway design and development of widening/milling/resurfacing and beautification plans for 0.6 miles of a two-lane rural highway
- SR 776 - Project Manager/Lead Design Engineer responsible for the roadway design and development of construction plans for 3.5 miles
- SR 45/US 41, Sarasota - Project Manager/Lead Design Engineer for a Phase II design project of 1.8 miles
- SR 90 (US 41), Collier County - Project Manager/Lead Design Engineer for a 4.4-mile widening and resurfacing

PB has more than sufficient staff capacity to meet the contract's requirements. We commit to making available all of the personnel necessary to successfully complete this project on schedule and within budget.

Brief descriptions of our proposed staff, highlighting their qualifications and experience, appear below. Their resumes are attached separately.

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| <p><b>Claudia Coll</b><br/>Deputy Project Manager</p> <p>Years of Experience: 11<br/>Education: B.S. Civil Engineering, University of Florida, 1995</p> <p>Availability: 85%</p>                  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experienced as a roadway production manager; responsible for the process and preparation of highway construction plans.</li> <li>• SR 54 - managed all design phases and construction post design services to the project, which consisted of the reconstruction of a two lane rural facility to a six lane urban arterial.</li> <li>• SR 699 - managed all design phases and construction post design services to a 2.38 mile rehabilitation, restoration and resurfacing project that included shoulder widening and profile correction.</li> <li>• SR 574 - managed the initial design and scoping of the intersection safety improvement project.</li> <li>• SR 41 - managed the initial design and scoping of this 2.1 mile multilane reconstruction of a suburban facility. The project consisted of the reconstruction of a two lane rural facility to a four lane suburban facility.</li> </ul>   |
| <p><b>Bob Szatynski, P.E.</b><br/>Roadway Design</p> <p>Years of Experience: 20<br/>Education: B.S. Civil Engineering, State University of New York at Buffalo, 1984</p> <p>Availability: 20%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experience as senior project manager of the roadway department for PB's Tampa office, which includes over 40 drainage and roadway engineers, designers and CADD operators. His project experience includes the planning and design of highway, bridge, and utility projects.</li> <li>• State Route (SR) 686 Roosevelt Blvd Reconstruction project - project manager to prepare final design plans for the reconstruction of existing SR 686 (Roosevelt Boulevard) from 49th Street Bridge to north of Ulmerton. Project will replace the existing four-lane rural facility with a controlled access urban highway with urban frontage roads.</li> <li>• Interstate-75 (I-75) Widening project - project manager for the widening of 6 miles of I-75 from Fowler Avenue to Bruce B. Downs Boulevard.</li> <li>• I-75 Rehabilitation and RRR project - project manager for the rehabilitation of 4 miles of concrete pavement on an interstate facility and resurfacing another 9 miles of asphalt pavement.</li> <li>• Interstate-4 (I-4) / Lee Roy Selmon Expressway Interchange - project manager for the reconstruction of a new interchange designed to connect I-4 with the Lee Roy Selmon Expresssaway.</li> <li>• I-4 Reconstruction - project manager for the reconstruction of I-4 from 14th Street to 50th Street through Ybor City. This was a highly complex interstate project that proposed replacement of the existing four-lane facility with a six-lane urban facility, expandable to the ultimate condition that contained provisions for a connection to the nearby crosstown connector, new interchanges, HOV lanes and future rail.</li> </ul> |
| <p><b>John Poulson, P.E.</b><br/>Structures Design</p> <p>Years of Experience: 15<br/>Education: M.S., Civil Engineering, Florida State University, 1993<br/>B.S., Civil Engineering,</p>         | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• I-4 / John Young Interchange - engineer of record for the PB portion of the structures work on this major interchange reconstruction project. Enhanced coordination was required to incorporate bridge designs completed by District 5 and the central office into the remainder of the plans prepared by PB.</li> <li>• SR 500 Improvements - engineer of record for four new bridges and two bridge widenings.. Environmental constraints and wildlife habitat affected</li> </ul>  |

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| <p>Florida State University, 1991</p> <p>Availability: 15%</p>   | <p>several design elements of the project.</p> <ul style="list-style-type: none"> <li>• John Young Parkway Extension - engineer of record for the new bridge project. Two long span (250' span length) curved steel bridges were being designed using high performance steel. Integral post-tensioned pier caps were designed to provide increased vertical clearance.</li> <li>• SR 79 Bridge over the Intracoastal Waterway at West Bay - design project manager for this design of a new high level bridge to span the Intracoastal Waterway near Panama City Beach, FL.</li> <li>• SR 10 over Escambia River - design project manager for parallel 2,620-foot (800-meter) bridges. The replacement bridge was designed with Bulb T-78 girders, pier foundations, and a spliced girder main span. The rehabilitated bridge was designed with plate girder main spans and pier foundations. Project challenges included extensive wetlands with minimum permitted impacts.</li> </ul>   |
| <p><b>Ken Muzyk, P.E.</b><br/>Roadway Design</p> <p>Years of Experience: 19<br/>Education: B.S., Civil Engineering, University of Florida, 1986</p> <p>Availability: 35%</p>               | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in many areas of transportation. He has been involved with project management, PD&amp;E studies, minor through complex highway design, drainage design, utilities design and specification preparation.</li> <li>• State Route (SR) 64 from Bridge No. 130136 to I-75, Manatee County - project manager for a 2.5 mile widening project for an existing four lane roadway expanded to six lanes with future widening to eight lanes.</li> <li>• District Wide Minor Design - project manager for a 38 task contract that spanned from 2000 to 2004. Task work orders included field survey, intersection improvements, multi-laning, plan updates, railroad crossing improvements, lighting and culvert improvements.</li> <li>• District Wide Resurfacing - project manager for five consecutive contracts spanning from 1998 to 2004. Task work orders included resurfacing of 2-way, 2-lane, multi-lane urban and suburban roadways. Several of the tasks involved rehabilitation of both one-way pairs of SR 70 through the City of Arcadia along with significant drainage improvements.</li> <li>• SR 78 (from Burnt Store Road to Chiquita Blvd.), Lee County - project manager for a 2-lane roadway widened to a 4-lane expandable to 6-lane suburban section in Cape Coral, Florida.</li> <li>• SR 93 (I-75) at Colonial Boulevard, Lee County - operation of this interchange was improved by adding auxiliary lanes to 3 of the interstate ramps.</li> </ul> |
| <p><b>Mike Quartetti, P.E.</b><br/>Roadway Design/TCP</p> <p>Years of Experience: 21<br/>Education: B.S. Civil Engineering, University of South Florida, 1984</p> <p>Availability: 45%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experienced with horizontal and vertical roadway design, interchange and intersection design, plans preparation, and quality control</li> <li>• I-75/Alico Road Interchange, Lee County - Project Engineer for design of the interchange and widening</li> <li>• I-275/I-4 Downtown Interchange, Tampa - Performed post design services for the project that involves additional lanes and reconstruction of on and off ramps to handle three times the original design traffic</li> <li>• Atlantic Boulevard, Duval County - Project Engineer for 5.2-mile widening of from an existing four-lane rural section to a six-lane urban section</li> <li>• U.S. 41, Hillsborough and Pasco Counties - Roadway designer for a 4.9- mile total reconstruction involving two-lane to six-lane hybrid urban/rural roadways</li> <li>• Veterans Expressway, Hillsborough County - Roadway Design Support Engineer for a 2.7-mile section</li> <li>• Polk Parkway, Polk County - Roadway Design Support Engineer for a 5.2 mile section</li> </ul>  |

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| <p><b>Paulo Borges</b><br/>Roadway Design</p> <p>Years of Experience: 10<br/>Education: B.S., Civil Engineering/Wentworth Institute of Technology, 1989</p> <p>Availability: 40%</p>        | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Designer responsible for roadway design, traffic control plans, signing &amp; pavement marking plans, lighting plans, and signalization plans</li> <li>• U.S. 41 Intersection Improvements, Sarasota County - added right and or left turn lanes at varies intersections</li> <li>• S.R. 93A (I-75) from S.R. 672 to C.R. 674, Hillsborough County – 3 R project</li> <li>• I-95 from Trout River Bridge to Dunn Avenue Overpass, Duval County - Concrete Rehabilitation Project</li> <li>• I-275, Hillsborough and Pinellas Counties - Concrete Pavement Rehabilitation</li> </ul>  |
| <p><b>Rick Ollerman, E.I.</b><br/>Roadway Design</p> <p>Years of Experience: 9<br/>Education: B.S., Civil Engineering, University of South Florida, 1997</p> <p>Availability: 25%</p>       | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in preliminary estimation, preliminary alignment analysis, design, quantities and engineer estimates, traffic control planning, signing and marking, and utility coordination</li> <li>• I-4 / Lee Roy Selmon Expressway Interchange – as lead engineer responsible for storing vertical and horizontal geometry to match goes-with project to the south; generating and creating back-up documentation</li> <li>• I-10 Bridge (Escambia Bay) Design/Build – as lead engineer coordinated with and responding to contractor requests for information (RFI's) and revisions to plans.</li> <li>• Collin's Road: Roadway QC'er</li> <li>• Signing and Marking (Various jobs): QC'er</li> <li>• Internal Auditor for ISO-9000 compliance</li> <li>• I-4 3A &amp; 3B: RFI changes as directed by PM to include coordination with sub-consultants and FDOT</li> <li>• Salt Creek Bridge: Stopping sight distance analysis for TCP</li> <li>• I-75 Fowler to Bruce B. Downs: Shoulder transition design change</li> </ul> |
| <p><b>Greg Brown</b><br/>Roadway Design</p> <p>Years of Experience: 2<br/>Education:</p> <p>Availability: 60%</p>   | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in highway, urban and rural roadway design</li> <li>• SR 93/I-75 at Daniels Parkway Interchange - assisted with plans production, preparation of striping plans for the reconstruction of the interchange at I-75 and Daniels Parkway.</li> <li>• SR 93/I-75 at Alico Road Interchange - assisted the project manager with the design and plans production for the reconstruction of the interchange at I-75 and Alico Road and prepared quantities as well.</li> <li>• US 98 Reconstruction - assisted project manager and project engineer with the design and plans production for the reconstruction of 3.5 miles of US 98. Preparing quantities, specifications, pavement design, cost estimates and LRE. The project involves major reconstruction of the existing 4-lane rural roadway to a 6-lane urban and rural facility.</li> </ul>  |
| <p><b>Jose Ortiz, E.I.</b><br/>Roadway Design</p> <p>Years of Experience: 6<br/>Education: B.S, Civil Engineering, Polytechnic University of Puerto Rico, 2001</p> <p>Availability: 45%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• SR 540 (US 98) Roadway Design, Polk County - coordination and preparation of the roadway design plans. The objective of this project is the reconstruction of US 98 from four lanes to six lanes.</li> <li>• Polk County C.R. 547 (Ernie Caldwell Blvd) Roadway Design- coordination and preparation of the roadway design plans. Assist with the preparation of the roadway plans. In charge of coordination and preparation of project quantities and all related documents.</li> <li>• SR15 (US 17) Roadway Design, Duval County – assist with the coordination and preparation of the roadway design plans. The objective of this project is to provide rehabilitation of concrete pavement, repair curb &amp; gutter,</li> </ul>  |

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| <p><b>John Wright, P.E.</b><br/>Traffic</p> <p>Years of Experience: 34<br/>Education: M.S., Civil Engineering -Transportation, University of Arizona, 1975<br/>B.S., Civil Engineering, University of Arizona, 1970</p> <p>Availability: 20%</p>  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experience in administering transportation and traffic programs, long-range plan developments, immediate action plan developments, program coordination and implementation, traffic planning and operations, research and analysis, and standards development.</li> <li>• Project Manager and Lead Traffic Engineer for two separate contracts for District Wide Access Management Support Services for Districts 1 and 7. Responsible for providing traffic safety and operations studies and site access evaluations relative to Administrative Rule 14-97.</li> <li>• Project Manager and Lead Engineer for Interchange Modification Report (IMR) Studies in Polk County to document modifications to three interchanges on I-4. This work was part of the I-4 Master Plan that was prepared for District 1.</li> <li>• Project Manager and Lead Traffic Engineer for an IMR to document modifications to the I-4/County Line Road interchange.</li> <li>• Project Manager and Lead Traffic Engineer for the Interchange Justification Report (IJR) for Dade County to document the need for a new interchange for SR 874/SW 137th Avenue.</li> </ul> |
| <p><b>Srinivasa Battula, P.E.</b><br/>Traffic</p> <p>Years of Experience: 12<br/>Education: M.S., Civil Engineering, University of North Carolina, 1994;<br/>B.S., Civil Engineering, Andhra University, India, 1990</p> <p>Availability: 25%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has performed the study and design of a variety of traffic and roadway design projects.</li> <li>• Interstate-75 (I-75) widening from Fowler Avenue to Bruce B Downs Blvd - the project involved construction of an additional lane in each direction.</li> <li>• Ernie Caldwell Blvd - the project involved construction of a new four-lane divided facility with curb and gutter connecting US 27 and US17/92 in Polk County.</li> <li>• Bruce B Downs Blvd Widening, - project involved widening of the existing facility from a four-lane roadway to an eight-lane divided facility with curb and gutter.</li> <li>• I-75 at Daniels Parkway Interchange Improvements - project involved widening of I-75 to three lanes in each direction in the vicinity of Daniels Parkway, construction of a single point interchange and widening of Daniels Parkway to four travel lanes in each direction.</li> </ul>   |
| <p><b>Brad Carver, P.E.</b><br/>Utilities</p> <p>Years of Experience: 22<br/>Education: B.S., Civil Engineering, University of South Florida, 1991</p> <p>Availability: 35%</p>   | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in engineering and management, including roadway and drainage design, intersection improvements, signalization and utility coordination.</li> <li>• US 301 - project manager for tasks including pavement design, traffic control plans, utility coordination, noise barrier analysis and coordination and roadway lighting.</li> <li>• Armenia Avenue and Fletcher Avenue Intersection Improvement Design and Permitting, work involved intersection improvement design, drainage, traffic study and signalization at the proposed intersection, utility coordination and ROW and easement requirements, construction plans specifications and project costs preparation.</li> <li>• Waters Avenue Traffic Corridor Study, work involved review of existing and proposed development and traffic signalization requirement development by an analysis of alternative plans and recommending cost effective feasible traffic plan.</li> </ul>   |
| <p><b>Jeanna Dean</b><br/>Utilities</p> <p>Years of Experience: 9</p>   | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in various levels of roadway projects and is knowledgeable of many coordination policies and procedures of city, county, state and federal agencies</li> </ul>  |

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| <p>Education: B.A., St. Louis University, 1991</p> <p>Availability: 50%</p>  | <ul style="list-style-type: none"> <li>• Experience in coordinating, advising and reviewing highway improvement planning, design criteria and plans with regard to utilities, and the Federal Highway Administration Program Manual.</li> <li>• Has provided utility cost studies during preplanning stages for inclusion in the project design.</li> <li>• Coordinated the preparation of, review and recommend approval of utility permits on all assigned projects.</li> <li>• Able to process all utility documents for certification of projects for advertisement.</li> <li>• Negotiated initial contracts with utility companies for scheduled road improvements projects involving utility adjustment or relocation.</li> <li>• Prepared necessary agreements governed by federal and state regulations statutes. Submitted utility easement subordination and permit notices to appropriate departments.</li> </ul>   |
| <p><b>David Hodge, P.E.</b><br/>Structures Design</p> <p>Years of Experience: 18<br/>Education: M.S., Civil Engineering–Structures Major, University of South Florida, 1988<br/>B.S., Civil Engineering–Structures Major, University of South Florida, 1988</p> <p>Availability: 55%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has performed project management, design, and construction engineering of a diversified range of structures, including concrete and steel bridges; conventional and complex bridges; water crossings and overpasses; and highway and pedestrian bridges</li> <li>• I-75 Deck Replacement, Hillsborough County - Structural Project Manager for five bridges at the interchange with I-4</li> <li>• I-75 PD&amp;E Study, Hillsborough and Pasco Counties - Lead Structural Engineer for analysis of 20 bridges to be widened/replaced</li> <li>• I-95 Bridge Replacement, Brevard County - Structural Project Manager for the replacement of the I-95 bridges over Eau Gallie Boulevard</li> <li>• I-4/I-275 Interchange Improvements, Tampa - managed structural design and plans preparation for two new bridges and widening of six existing bridges</li> <li>• I-4 Improvements (Segments 2 and 3), Hillsborough County - Project Engineer for the superstructure design of three continuous two-span steel plate girder bridges over I-4</li> <li>• I-75 Bridge Widening, Alachua County - Project Engineer for the widening of 10 multiple span AASHTO beam bridges</li> </ul>   |
| <p><b>Mike Moore</b><br/>PD&amp;E</p> <p>Years of Experience: 26<br/>Education: M.S. Environmental Science, University of Texas-Dallas, 1983<br/>B.S., Biology, University of West Florida, 1974</p> <p>Availability: 30%</p>  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experience in wetland delineation, technical review and preparation of permit applications and plans, and construction observation.</li> <li>• Responsible for all field and literature data collection related to wetlands and wildlife including compiling wetland permit applications for the new five-mile Ernie Caldwell Boulevard in Polk County.</li> <li>• Provided wetlands data collection and permitting for roadway improvements to Heckscher Drive in the City of Jacksonville.</li> <li>• Provided wetland delineation, permit preparation and design of a 27-acre estuarine mitigation site on I-275, Roosevelt to 4th Street in Pinellas County.</li> <li>• Conducted all environmental field work and prepared permit documents for Section 7 of the Parkway in Polk County.</li> <li>• Prepared a stormwater management plan for U.S. 27 in Highlands County which included the design of eight wet detention systems.</li> <li>• Prepared a stormwater management plan for U.S. 41 Improvements in Hernando County. The project was located in an area with closed drainage basins containing active sinkholes.</li> <li>• Prepared a stormwater management plan and Location Hydraulics Report for SR 82 in Lee County in connection with widening an existing emergency evacuation route.</li> </ul> |

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| <p><b>John Littlefield</b><br/>Drainage</p> <p>Years of Experience: 12<br/>Education: B.S., Civil Engineering, University of South Florida, 1994</p> <p>Availability: 15%</p>       | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in stormwater management retention and detention pond design, culvert and storm drainage facility design, open channel hydraulics, and rural and urban roadway design.</li> <li>• State Road 70 (SR 70) - project manager responsible for preparation of a pond siting report and stormwater management plan in connection with widening one mile of SR 70.</li> <li>• Interstate-4 (I-4) Improvements (Section 4) - participated in preparing a stormwater management plan in connection with multi-lane improvements to a 7.5 mile section of I-4 from west of Branch Forbes Road to East of S.R. 39.</li> <li>• I-4 Improvements (Sections 3A and 3B) - involved in preparing a pond siting report and stormwater management plan for multi-phase improvements.</li> <li>• State Road (SR) 77 (Martin Luther King Boulevard) Improvements - participated in preparing a stormwater management plan in connection with widening 1.7 miles of an urban two lane undivided highway to four lanes.</li> <li>• U.S. 41 Improvements - prepared a stormwater management plan located in an area with closed drainage basins containing active sinkholes.</li> <li>• State Road 82 (SR 82) - prepared a stormwater management plan and location hydraulics report in connection with widening an existing emergency evacuation route.</li> </ul> |
| <p><b>Mitch Blanco, P.E.</b><br/>Drainage</p> <p>Years of Experience: 10<br/>Education: B.S., Civil Engineering, Clemson University, 1994</p> <p>Availability: 30%</p>              | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in the design of detention ponds, stormsewer systems and permitting.</li> <li>• I-4 Maitland Blvd. Interchange, from north of Kennedy Blvd. to north of Maitland Blvd, Orange County, Florida - engineer and designer, responsible for the design of nine wet detention ponds and stormsewer systems for the reconstruction of the interchange from an eight lane rural typical section to an eight lane divided typical section plus four special use lanes.</li> <li>• Bruce B. Downs Blvd., from Bearss Ave. to Palm Springs Ave., Hillsborough County, Florida – engineer and designer responsible for the design of four wet detention ponds and stormsewer systems for the reconstruction of the roadway from four to eight lanes.</li> <li>• Gibson Ave. Phase 2, Hillsborough County, Florida – engineer and designer responsible for the design of a wetwell and pump station to lessen the duration of local flooding in the vicinity of Gibson Ave. and 58th Street.</li> <li>• County Road 37B at County Road 540 Intersection, Polk County, Florida – engineer and designer responsible for permitting the project through the Southwest Florida Water Management District. The permit was granted.</li> </ul>  |
| <p><b>Deborah Knighton, P.E.</b><br/>Drainage</p> <p>Years of Experience: 14<br/>Education: B.S., Civil Engineering, University of South Florida, 1986</p> <p>Availability: 40%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience as a senior drainage engineer and project manager. Design experience includes stormsewer conveyance systems for both urban and suburban roadways, conveyance ditches and swales for rural roadways, both wet and dry detention ponds, closed basin dry retention ponds, design high water analysis, cross drain analysis and flood plain analysis.</li> <li>• SR 542 - conducted a study of SR 542 examining the causes of inundation based on an analysis of historical and event related rainfall and flood data, addressed the affects of development in the area, and maintenance issues of the Peace Creek Drainage Canal.</li> <li>• SR 78 - drainage design and stormwater permitting for SR 78 from west of Burnt Store Road to Chiquita Boulevard. Designed improved conveyance ditch system and stormwater ponds for the previously flood prone roadway. Negotiated with the City of Cape Coral for rerouting discharge to their canal systems, and with SFWMD to allow an increased discharge rate to the canals.</li> <li>• SR 64, Manatee County Drainage - design and stormwater permitting for SR</li> </ul>  |

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|  | <p>64 from the Braden River to I-75. Designed a conveyance system of shallow swales and ditch bottom inlets piped to stormwater ponds.</p> <ul style="list-style-type: none"> <li>• SB Off Ramp I-75 &amp; SR 64 - drainage design and stormwater permitting for southbound off ramp reconstruction project. Designed dry detention pond, stormsewer conveyance system, and a control structure for the outfall from a jurisdictional infield area for additional treatment and attenuation.</li> <li>• SR 25, Highlands County - addition of turn lanes at Vickie Drive, Hammock Road and Sparta Road intersections with SR 25. Included designing retrofits to existing treatment systems, adding French drains for treatment of the additional impervious areas, and modifying the existing permit.</li> </ul>  |
| <p><b>Kathryn Ortega, AICP</b><br/>Public Involvement</p> <p>Years of Experience: 17<br/>Education: M.U.R.P., Urban and Regional Planning, University of Hawaii at Manoa, 1998<br/>B.A., Biology and Geography, Mary Washington College, 1988</p> <p>Availability: 25%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Has experience in the preparation of documents associated with project development and environment (PD&amp;E) studies and environmental impact statements (EIS). She performs various project-related public involvement activities, including workshop and hearing coordination, preparing materials for public meetings, and preparing community awareness plans.</li> <li>• Citrus Park Drive Extension, Hillsborough County, Florida- this ongoing project is evaluating alternatives for a new roadway connecting existing segments of Citrus Park Drive. Kathryn is the lead public involvement specialist for the public involvement activities and is also performing document quality control.</li> <li>• I-10 Escambia Bay Bridge Design Build, Escambia and Santa Rosa Counties, Florida - the lead public involvement specialist for this ongoing design-build project.</li> <li>• Grand Lagoon Bridge Replacement and Thomas Drive Widening PD&amp;E Study, Bay County, Florida - served as the project manager for this study evaluating alternatives for bridge replacement and roadway widening.</li> </ul> |
| <p><b>Brad Post, P.E.</b><br/>Constructability/Biddability</p> <p>Years of Experience: 33<br/>Education: M.B.A., Kent State University, 1985; B.S., Civil Engineering, University of Pittsburgh, 1972</p> <p>Availability: 15%</p>   | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Florida Certified General Contractor, 1998</li> <li>• I-4 Segments 3A/3B through Historic Ybor City – Senior Project Engineer for reconstruction of three miles of urban involving 18 bridges and 32 mechanically stabilized earth walls</li> <li>• I-4 Expansion Project, Segment 3: East of McIntosh Road to West of Branch Forbes Road, Plant City - Project Resident Engineer for reconstruction of a 3.1-mile section</li> <li>• I-75 Improvements, Marion County - Project Resident Engineer widening two sections of interstate roadway totaling nine miles</li> <li>• Veterans Expressway, Tampa - Project Resident Engineer for a 2.75-mile four-lane limited access tollway</li> </ul>  |
| <p><b>Bill Whitley, PLS</b><br/>Survey/ROW Mapping</p> <p>Years of Experience: 31<br/>Education: A.S., Forestry, Lake City Community College, 1974</p> <p>Availability: 20%</p>  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experienced in land surveying and engineering, including boundary surveys, G.P.S., photogrammetry, topographic surveys, water boundaries, hydrographic surveys, environmental jurisdiction line surveys, construction layout and route and right-of-way surveys.</li> <li>• Develops and negotiates scopes, project manpower and project cost estimates. Establishes and maintains project budgets, schedules and quality assurance procedures.</li> <li>• I-275 and I-4 Control Surveys – 76 miles of three-wire bench run, two miles right of way control surveys.</li> <li>• Polk County Parkway - 3.0 miles re-establish alignment and base line, bench run, design surveys and preparation of right-of-way maps</li> </ul>   |

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| <p><b>Bruce Hasbrouck</b><br/>Environmental</p> <p>Years of Experience: 24<br/>Education: M.S., Management, National Louis University, 1998<br/>B.S., University of South Carolina, Marine Biology, 1982</p> <p>Availability: 20%</p>         | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>Experienced in project management, National Environmental Policy Act (NEPA) Documentation, mitigation and stormwater pond designs, wetland restoration projects, artificial reef design and permitting, wetland permitting, design/build projects, construction management, wetland management, mitigation monitoring, and photo interpretation of wetlands.</li> <li>Wetland Dredge and Permitting - I-275 (Structure A); I-275 (Sunshine Skyway Demolition); I-275 (9th Street to 4th Street); I-275 (Roosevelt to 9th Street); I-275 (Gandy to Roosevelt); I-75 (Fowler to Bruce B. Downs)</li> <li>Wetland Permitting - SR 60 (Fish Creek to I-275); Ruskin Borrow Pit; I-4 (50th Street to County Line)</li> <li>Wetland Mitigation - SR 580 (Kendale to McMullen Booth Road); SR 580 (McMullen Booth Road to Country Side Blvd); SR 580 (Eisenhower to Dale Mabry); SR 590 (Cardinal to Lawrence); SR 674 (US 41 to 12th Street); SR 739 and Edison Bridge; SR 54 (Rowan to Mitchell); SR 54 (Madison to Rowan); US 41 (Fletcher to Apex); SR 60 (Courtney Campbell Parkway to Memorial); SR 60 at Rocky Point Drive</li> </ul> |
| <p><b>Craig Bouffard, PLS</b><br/>Survey/ROW Mapping</p> <p>Years of Experience: 23</p> <p>Availability: 15%</p>  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>Experienced in the administration of survey and mapping projects.</li> <li>He has successfully completed numerous design and DTM surveys using the Departments EFB data collection program, as well as bridge data surveys, right of way control surveys and right of way mapping projects for several FDOT Districts.</li> <li>SR 54, US 41, SR 55 - performed boundary and topographic surveys for design cures and possible expert witness needs.</li> <li>SR 54, US 41, SR 55 - performed boundary and topographic surveys for design cures and possible expert witness needs.</li> </ul>   |
| <p><b>Erbie Garrett, P.E.</b><br/>Traffic Operations</p> <p>Years of Experience: 19<br/>Education: M.S., Civil Engineering, University of Florida, 2001<br/>B.S., Civil Engineering, University of Florida, 1986</p> <p>Availability: 25%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>Experienced in lighting, signalization, signing and marking, and traffic control plans for FDOT projects.</li> <li>Signal warrant analysis for US 92/International Market World, Polk County</li> <li>Lighting justification report/signal warrant analysis for SR 78 at Burnt Store Rd. in Lee County.</li> <li>Signing, marking, lighting, signals for SR 33 and US 92 in Polk County.</li> </ul>   |
| <p><b>Nancy Adams, P.E.</b><br/>Traffic Operations</p> <p>Years of Experience: 16<br/>Education: B.S., Civil Engineering, University of South Florida, 1990</p> <p>Availability: 20%</p>  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>Has experience managing several traffic data collection projects. Services have included volume, speed, classification, and turning movement counts along with radar speed, saturation flow rate, traffic control compliance, and travel time and delay studies.</li> <li>FDOT District One Districtwide Access Management - providing traffic data collection for access management studies. Assignments have included turning movement counts and radar spot speed studies.</li> <li>FDOT District Seven Districtwide Traffic Operations Studies - responsible for various data collection tasks including collecting turning movement and approach counts in Pinellas, Hillsborough, Hernando, Pasco, and Citrus counties.</li> <li>FDOT District Seven Statistics - provide volume and classification counts utilizing FDOT Survey Processing Software.</li> </ul>  |

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| <p><b>Joan Deming</b><br/>Cultural Resources</p> <p>Years of Experience: 27<br/>Education: M.A.,<br/>Anthropology/Public<br/>Archaeology, University of<br/>South Florida, 1976<br/>B.A., Anthropology,<br/>University of Wisconsin, 1972</p> <p>Availability: 35%</p> | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experienced as co-principal and Vice President of Archaeological Consultants, Inc.,</li> <li>• Has served as project manager or principal investigator on over 600 projects for the public and private sectors.</li> <li>• FDOT, District Seven GEC and District-Wide Contracts - served as project manager/principal investigator responsible for completion of more than 100 task assignments between 1993 and 2002.</li> <li>• SR 39 PD&amp;E and Reevaluation Studies - served as project manager/principal investigator for this cultural resource assessment survey of 15.5 miles in Hillsborough and Pasco Counties. This project included the identification, evaluation, and documentation of 11 archaeological sites and 53 historic structures.</li> </ul>   |
| <p><b>Larry Moore, P.E.</b><br/>Geotech Support</p> <p>Years of Experience: 20<br/>Education: B.S., Civil<br/>Engineering, University of<br/>South Florida, 1987</p> <p>Availability: 20%</p>  | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experienced with roadway and bridge design and construction to embankment design and construction associated with mine tailings deposition.</li> <li>• Senior project engineer for numerous roadway soil surveys and bridge foundation designs and construction projects. He has managed test and production pile and drilled shaft installations involving timber, steel and prestressed concrete piles and drilled shafts for numerous bridge foundations and industry and building construction applications.</li> <li>• Managed the test pile program for the 15-mile Florida's Turnpike Veterans Expressway in Tampa/Hillsborough County, Florida. His duties included managing the Pile Dynamic Testing with the Pile Driving Analyzer (PDA) and determination of production pile lengths and driving criteria for in excess of 50 bridge structures. The project was constructed in seven sections involving separate contracts and several contractors. Various pile types were used within the bridge foundations including steel pipe and H-piles and 18 and 24-inch</li> </ul> |
| <p><b>Henri Jean, P.E.</b><br/>Geotech Support</p> <p>Years of Experience: 15<br/>Education: B.S., Civil<br/>Engineering, University of<br/>South Florida, 1990</p> <p>Availability: 25%</p>   | <p>Career Highlights:</p> <ul style="list-style-type: none"> <li>• Experience in geotechnical services includes the planning, coordination and management of a wide variety of geotechnical projects throughout Florida.</li> <li>• Experienced in providing geotechnical consultant services for general site development, industrial facilities, wastewater treatment plants, FDOT District-Wide Geotechnical services Project Manager, numerous roadway soil surveys and structures projects, sinkhole investigations, and stormwater management designs.</li> <li>• Project experience includes designing new roadway alignments through sensitive environmental areas, high level embankments, MSE walls, alignments over compressible soils and single span to multi level fly over structures.</li> <li>• Turnpike District Wide Minor Design Service</li> <li>• Widen Turnpike Mainline from Atlantic Avenue to Lantana Toll Plaza, Palm Beach County, Florida</li> <li>• Suncoast Parkway Design, Sections 1, 2, 3, 4 &amp; 6</li> <li>• Veterans Expressway - Emergency Response Services for Structure Evaluations</li> </ul>                     |

## **Subconsultants** .....

Each subconsultant firm on our Team has been carefully selected to fulfill a specific role that we believe is essential to the overall success of the project. It was important to us to align with firms highly regarded by the District who can complement our resources as dictated by the project's requirements. We also recognize the importance of DBE participation and take this commitment seriously.

Subsequently, for this contract, we have teamed with five DBE firms and are prepared to meet a DBE overall participation level of at least 8% in this contract. We have worked with all of these firms in the past and have a high degree of confidence in their ability to complement our Team's efforts. All firms in our Team understand the importance of this project to the District and are prepared to commit their most talented individuals to ensure the successful completion of the project. Their familiarity and proven track record with similar projects performed for several DOT Districts can provide you with a high level of comfort. Brief summaries of these firms are profiled below.

**Adams Traffic** specializes in providing accurate and efficient traffic data collection services. In the past few years, counts have been collected in Hillsborough, Pinellas, Pasco, Hernando, Citrus, Marion, Lake, Polk, Highlands, DeSoto, Manatee, Sarasota, Charlotte, Lee, Collier, and Brevard Counties. District One project experience includes serving under the District Wide Subarea Corridor/Planning Systems contract and the District One Traffic Production & Analysis contract. Adams Traffic has also provided data collection services to the Department on job specific projects including the Winter Haven Signal System Retiming project where they received a grade of 96 from District One after completion of volume counts, turning movement counts, and travel time & delay studies.

**Archaeological Consultants, Inc. (ACI)**, established in 1976, is Florida's oldest cultural resource management (CRM) company. Their key personnel all have advanced degrees in Anthropology or Historic Preservation, and meet the qualifications and standards set forth in the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (36 CFR Part 66, Appendix C). Their archaeologists are all certified with the Register of Professional Archaeologists (RPA), and senior archaeologists and architectural historians have advanced training in all phases of the Section 106 Process, including Preparation of Agreement Documents.

**Cumbey & Fair, Inc.**, was founded in 1975 and offers a full service of civil engineering and surveying expertise. They have provided consulting civil engineering services to both the private and public sectors at the federal, state, county, and local levels for over thirty years. Cumbey & Fair, Inc. have served as an integral part of the planning, design and construction phases of many residential, industrial, municipal and recreational projects throughout the state of Florida.

**Faller, Davis and Associates, Inc. (FD)** was founded in 1985 by Nancy R. Faller, P.E. FD offers a full range of transportation engineering services from large complex roadway designs to small historical lighting systems in downtown districts. FD currently employs approximately 35 highly skilled professionals ranging from Engineers to CADD designers.

**Tierra, Inc.**, a premier engineering firm, established in 1992, specializes in geotechnical and construction materials testing services. They have a successful history of providing superior and innovative service to its clients throughout the southeastern United States. Tierra has provided services to federal, state and local government entities, private sector corporations, developers, architects and civil engineering firms. Tierra's staff includes registered professional engineers, licensed geologists, and certified engineering technicians.