



AWARENESS/APPROACH TO PROJECT

American Consulting Professionals, LLC (American) will exercise independent professional judgment in performing its responsibilities to provide Construction Engineering and Inspection services (CEI) as outlined in the scope of services and the construction project administration manual (CPAM). American will provide a fully staffed Project Engineer's office to administer the design-build contract, inspect the construction components and assemble the project documentation. In accordance with CPAM section 4.1.4, American's Sr. Project Engineer and Project Engineer will act as authorized agents of the Department's Resident Engineer or Project Engineer and shall fulfill all duties and project responsibilities normally associated with these functions. Our services shall comply with the Department's manuals, procedures and memorandum unless otherwise directed in writing by the Department. Each member of the American team has a depth of experience with CEI services on FDOT projects that will assist us to move the project to delivery of a full documented high quality facility.

LENGTH OF SERVICE

The design-build contractor has 450 days to design and construct the project. The length of CEI service for this project is 16 months, which includes the 450 day design-build contract duration plus an additional 30 days for project close-out. Since this is a design-build project, American will minimize the demobilization periods to reduce overall CEI costs. American will mobilize its site office shortly before the beginning of field operations. American maintains stock kits of field office furniture, supplies and equipment that will be delivered the day power service is initiated and in house staff will set up all network devices and communications. This could be especially important as the mobilization period is concurrent with the contractor's mobilization based on being during the design phase. However, the Collier County Fire & EMS building is completely designed and could start immediately. Additionally, the FDOT committed to FDEP that the Recreation Areas would be ready for the September 2012 hunting season and would require immediate work to meet that commitment. Although the allowable time frame of 30 days for CEI to finalize documents after final acceptance of the project is the norm; American consistently submits its final estimate and materials certification packages within 10 to 15 days of final acceptance. We anticipate that the design-build team will release the design components as plans for each work classification are completed and that construction will begin upon design completion of each component. Therefore, the American Team anticipates performing design reviews and construction oversight concurrently.

ITEMS FURNISHED BY THE DEPARTMENT

The Department will provide a copy of the executed design-build contract, the construction plans and specifications for Rehabilitation of the MM 63 Rest area, the proposed Big Cypress National Preserve (BCNP), Recreational Access Areas (RAA) and the Collier County Safety Services Building. The Department will also provide the CEI Consultant with access to the FDOT computer network and support the software package. We are familiar with the standard FDOT furnished items and have already reviewed some of them for this submittal.

ITEMS FURNISHED BY THE CONSULTANT

American will provide all CEI staff access to referenced documents, directives, procedures and standard forms. Our inspectors will be furnished with a laptop computer capable of running the SiteManager and LIMS applications through Citrix using a mobile broadband connection at the job site. We will ensure that our automation system meets the current technical specifications, as listed on the FDOT website for construction/design-build/consultant CEI/automation. Our vehicles will be equipped with the required safety equipment. The name "American" along with our phone number will be prominently displayed on both sides of our vehicles and emblazoned on our hard hats.

The scope requires that the CEI provide a field office to carry out our responsibilities. We will set up an office trailer on site and utilize the rest area water and wastewater services. During upgrades of the water filtration and wastewater plants, we will utilize potable bottled water and a holding tank to store wastewater. Both buried telephone and a cell phone tower are located at the rest area, making either type of phone service readily accessible. Additionally, we have contacted; Sprint, AT&T and Windsong to

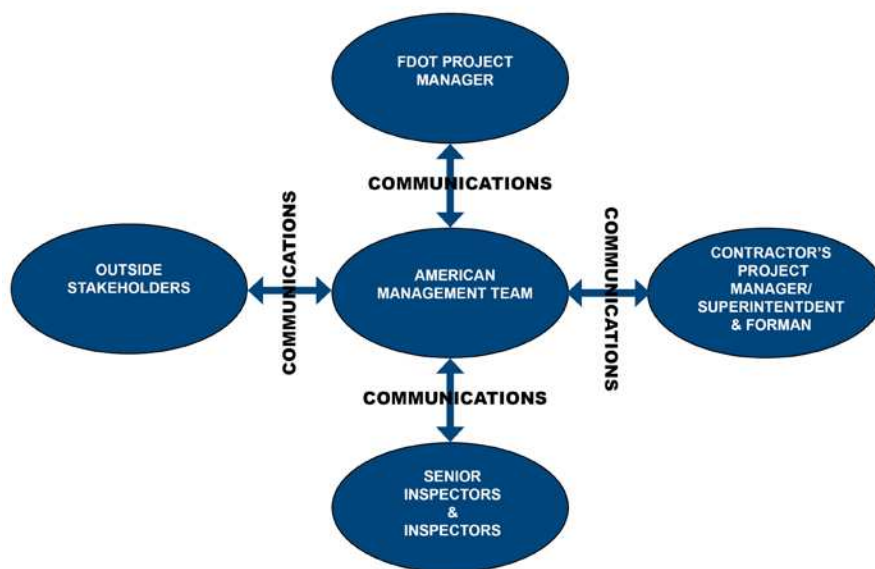


verify internet availability. The American team has survey inspection and testing equipment to perform all services under this agreement, including nuclear density gauges and all required licenses.

LIAISON RESPONSIBILITY OF THE CONSULTANT

Several owners or permit agencies are associated with this project including FDOT, Big Cypress Natural Preserve, Collier County Safety Services, South Florida Water Management District (SFWMD), the US Army Corps of Engineers (USACOE) and the Florida Department of Environmental Protection (FDEP). The project falls within the boundary of the Big Cypress Preserve and is adjacent to the Seminole Miccosukee Indian Reservations. Keeping all stake-holders up-to-date with construction activities will be a primary task for our team. We will focus on keeping the Department's construction Project Manager abreast of all significant activities, decisions, correspondence, reports, and communications.

We understand that communication is the key to the success of this project. Our Project Engineer will coordinate daily with the Contractor's Project Manager; our Senior Inspectors will coordinate daily with the Contractor's superintendent and foremen. Our Sr. Project Engineer and Project Engineer will coordinate with the utility representatives, permit agency representatives, Collier County representatives, BCNP personnel, Florida Department of Management Services, and Highway Patrol and Collier County Sheriff. We will include all agency representatives on the weekly meeting invite list and distribute copies of the minutes to all invitees. We will provide email notification regarding any activity that may be of concern to that particular owner.



FDOT PERFORMANCE OF AMERICAN CONSULTING ENGINEER'S TEAM

American is committed to providing high caliber CEI Services. This success is based on the quality of our personnel and our commitment to internal Quality Control Reviews. We have an established history of meeting and exceeding the expectations of our clients. Our commitment to this project is no exception, and through the effectiveness of our internal management controls and QC program, we will achieve a successful project on time and within budget. American will act as an extension of District One's staff. The contractor will see the project team as a single unit with the ability to respond quickly, and produce quality work in a timely manner.

REQUIREMENTS

General

American will administer the contract, verify materials and inspect the construction assembly in a manner that ensures the project is constructed in reasonable conformance with the contract documents. This will be accomplished by working with the contractor to inspect the quality of the work, identify deficiencies, report them to the Department and ensure that they are corrected by the contractor. We will keep the FDOT Project Manager aware of all activities and inform him of any omissions, substitutions, defects and deficiencies, and of any actions performed by the contractor. **American personnel will exercise independent judgment and direct the contractor as required within the scope of our authority. We will not function merely as a conduit passing questions and decisions between the contractor and Department, but will provide proactive management of each phase of the work to ensure that questions are resolved at the lowest level.**



Survey Control

The CEI scope of services requires our team verify and re-establish control points provided to the design-build firm. The work zone is very compact; therefore, confirming control points will be a simple task. American is certified in Control Survey (8.1). Joel McGee, PSM, leads American's survey group and will oversee any effort required to restore monumentation and will provide quality reviews of the contractor's final survey of the project. During the construction phase the Project Engineer and inspectors will check critical elevations of the drainage system and will work with the contractor to confirm layout of earthwork, paved areas, the building and support facilities. We will work with the contractor to ensure concurrence in the project layout.

On-site Inspection

On-site inspection is integral to ensuring the project is built in conformance with the contract documents. We will begin our on-site inspection by issuing a full set of contract documents to every member of the American Team to familiarize themselves with the classes of work, construction tolerances and material requirements. A good part of the American Team will be involved in the plans review during the design phase. These personnel will share their insight with the inspection staff so that all team members are familiar with the project details prior to arriving on the site.

Maintenance of Traffic (MOT) is always a critical concern especially on a high speed interstate highway. The traffic movements associated with MOT required for the project includes egress and ingress to the rest area for the construction vehicles and movement of construction vehicles within the site. This is a fairly straightforward MOT operation when set up and maintained correctly. We will assure that the contractor sets up and maintains the MOT properly. We will also ensure that the advance notices of the rest area closure are posted in advance of the previous rest areas.

Our inspector's records will be the basis for all payments, inspections, materials verification and confirmation of proper field activities. All inspectors will have laptops utilizing SiteManager to create the official Daily Reports which will be reviewed by the Contract Support Specialist to ensure accurate quantities, and by the Project Engineer to ensure accuracy and completeness. This will provide the basis for the monthly review of the contractor's certified quantity submittal.

Sampling and Testing

The project includes standard highway construction as well as construction of buildings and building systems. The standard FDOT materials sampling and testing protocols will be utilized for earthwork, drainage facilities, base course, asphalt surface and concrete as well as roadway lighting and signage.

Since building construction typically requires many materials not listed in LIMS STRG different testing protocols may be needed and much of the quality assurance will involve materials certification and verification that approved products have been incorporated into the work. The key to building construction is to ensure that the materials and techniques being used by the contractor meet the various building codes. To ensure that we meet these codes, we have enlisted a Southern Building Congress Certified Building Inspector and Florida licensed Electrical and Mechanical Inspectors to oversee the contractor's activities.

Engineering Services

The 16 items identified in the Scope of Services for this project include:

- Schedule and attending meetings for pre-services activities;
- Schedule and attend a Final Estimate procedures meeting prior to the start of construction and a review near the end of the project to ensure a smooth Final and Monthly Estimate process;
- Attend a SiteManager / EDMS meeting (with CEI staff available) to familiarize everyone with the latest computer documentation and filing systems and requirements;
- Hold a meeting with Brian Monkelbaun, D1 Environmental Coordinator, to discuss the Environmental issues prior to the Pre-construction conference and conduct additional meetings prior to final acceptance to discuss the required documentation;



- Verify the contractor is performing inspections and preparing reports to meet the NPDES General Permit and any other permit conditions in the approved permits;
- Analyze the initial, baseline, updated and final as-built schedules. Review the elements for sequence, duration, logic, etc. *As the former District One Claims Manager, District 7 Schedule and Claims consultant, and FDOT General Counsel Schedule and Claims Expert Witness, Jack Knowlton is ideally qualified to perform this task;*
- Analyze problems submitted by the contractor as they arise on the project to resolve any issues and process the necessary paperwork. *Identifying POTENTIAL problems and resolving them before they become an issue is a major part of what sets our team apart from the firms who simply reacts to problems.* The American Team's diverse qualifications, experience, certifications and licenses coupled with their involvement in the design review is a pivotal component of our approach to avoiding or quickly resolving problems on this project;
- Monitor, inspect and document utility construction for conformance with the Utility Agency's Standards. *The electrical, telephone, and cable activities will be as normal. However, water and wastewater plants will be upgraded as part of the project scope. Providing licensed electrical and plumbing contractors and a certified water and wastewater plant operator will ensure these activities are overseen by experts in their respective fields.* We do not anticipate any Joint Project Agreements (JPAs) on this project, but if needed we are experienced with JPA tracking and document procedures;
- Provide the reports, calculations and field measurements for payment and Final Estimate documentation purposes. We are familiar with the requirements for proper source documentation to ensure a smooth Final Estimate. *Our Sr. Project Engineer, Project Engineer and Contract Support Specialist have recent design-build experience making them especially familiar with the documentation procedures for a successful Final Estimate;*
- We intend to settle issues at the lowest possible level whenever possible. However, if the need arises, we will prepare and make presentations to a Disputes Review Board. As an Expert Witness for the FDOT, Jack Knowlton is ideally suited for this task, although his preference would be to resolve issues with the contractor whenever possible;
- Our personnel are familiar with the required field interviews. We will provide the required interview to the District Resident Compliance Specialist for proper reporting;
- American has included Quest Corporation on our Team to assist with Public Information Services. We do not anticipate that they will be heavily involved as there are no local businesses and local travelers to keep informed;
- American will prepare and submit a Construction Status Report to the FDOT Construction project Manager each month;
- American will video tape all preconstruction conditions with an emphasis on items which may become potential claims or result in negative public comment. *Due to the unique conditions of the project the video log will focus on the condition of existing facilities that will remain and are to be preserved by the contractor; and*
- American will maintain a photographic and video log of project progress. This log will include pre-construction, construction, and final aerial and ground shots.

UNIQUE PROJECT ISSUES

Multiple Stakeholders – There are three distinct stakeholders with varying interests and requirements for this rest area. Our main client, FDOT, is installing a new rest area, repaving the parking areas and roadways, installing new and larger water and waste water facilities, upgrading the lighting system, and installing new landscaping and mitigation improvements. Collier County Safety Services Department will be getting a new building to house Emergency Medical Services (EMS) and Fire Station personnel and equipment. The design-build scope includes construction of the Collier County facility and final plans have been included in the design-build RFP. Collier County representatives will be involved in the project oversight to some extent. The third stakeholder on this project is the Big Cypress Natural Preserve for their parking and recreational access points to the Big Cypress Preserve. We will invite all stakeholders to the Preconstruction Conference and the Weekly Construction Meeting and include them in all meeting minutes. At a minimum we will invite them to review the facility at 30, 60, and 90 percent completion of the facility to assure that



the facility is accepted for occupancy without a long punch-list. Similar courtesies will be extended to park service personnel so that they remain confident that their concerns are addressed

Building Construction

American's team of professionals provide both FDOT and building construction expertise. Our team is extremely familiar with the conformity of work with standards for facility construction. Our Sr. Project Engineer, Project Engineer, Contract Support Specialist, and Sr. Building Inspector have extensive FDOT experience in addition to their vertical construction experience. Additionally, **four members of the team hold a contractor's license** offering the precise mix of knowledge, experience, and licensing for this project. Although Threshold Inspection services are not required, we have a threshold Inspector available, if needed. Our team provides two Professional Engineers on the project. Typically, only the Sr. Project Engineer is a Professional Engineer; however Tom Muzicka, PE GC will be performing the duties as the Project Engineer. This allows a Professional Engineer on the project in case a problem should arise.

Plans Review

Plans review is a standard part of most design-build CEI contracts. The American team offers five plans reviewers for this project. Jack Knowlton, PE has served as a plans reviewer in FDOT Districts 1, 4 and Florida's Turnpike Enterprise. Tom Muzicka, PE, GC has served as plans reviewer for FDOT District 4, Miami-Dade Transit and the Miami-Dade Expressway Authority. Rick Wendling GC has served as plans reviewer for FDOT District 4. Salvatore Licitra, Electrical and Robert Gonzalez, Mechanical inspectors are certified plans examiners for Florida Building Code projects. FDOT will receive the optimal plans review from both a technical and practical aspect as our reviewers have all worked as contractors in addition to working as consultants.

Shallow Rock

The design-build scope states that shallow rock has been encountered in this area. During our field review of this project we observed shallow rock on the canal banks. The contractor will need to use rock bits to install the light pole foundations and may utilize blasting for large foundations. We have experience and understand the issues associated with working in areas with shallow rock and have the expertise to review the construction procedures.

Phased Construction

We anticipate that the contractor will provide the plans in a phased manner, starting construction on sections of the work as the plans and permits allow. This phased approach is common on design-Build projects and we are accustomed to working on phased construction. From our review, we have also determined that the Collier County Fire & EMS station has complete plans and specifications and could start as soon as construction permits are received. The FDOT committed to having the recreation area access and parking completed for the September 2012 hunting season. Meeting this commitment would require a fast track approach. Jack Knowlton oversaw the building of 1.5 miles of road in three weeks at Disney. He also managed the replacement of two spans of a destroyed Interstate bridge in 13 days for FDOT District 1. He understands what this takes to fast track a project and can provide that leadership if the FDOT must meet that commitment.

LEED Certification

LEED certification is required on all buildings constructed for the State of Florida. Lorraine Tappen, AICP, Calvin Giordano & Associates will provide certified LEED oversight for our team.



APPROACH TO THE PROJECT

The essence of American's approach to CEI projects is to assemble the best staff and arm them with the best tools, equipment, and assistance to make them even better. Our approach includes a serious commitment to Quality Control oversight led by the Principal-in-Charge and a team of QC individuals familiar with FDOT procedures and documentation.

CEI services for this project will begin before the Design-Builder receives its Notice to Proceed (NTP). During this period, our project team will become more familiar with the design-build project scope through detailed review of the permits, concept plans, the contractor's submittals and the successful proposer's bid documents. Our specialty inspectors will review the pertinent CPAM sections to increase their knowledge of FDOT policies, procedures, and documentation requirements of the Florida Building Code requirements. It is anticipated that both the CEI and Design-Builder will begin concurrently, which includes services during the design and construction phases.

During the preconstruction period American will provide schedule management services, phase reviews of design submittals, processing of shop drawing submittals and processing of monthly estimates and EEO submittals. We will perform the constructability review of the plans and specifications and will document the design-builder's coordination with outside stakeholders. During the construction period we will implement each of the Department's tracking systems and administrative systems used for conventional projects within the context of the general conditions. The three keys to our successful management of any CEI project are communication, inspection, and documentation.

Communication - A new class of intelligent and portable appliances such as smart phones or "smart devices" embedded with microprocessors allow our team to plug into intelligent networks providing instant and continuous communication. We have the ability to gain direct, simple, and secure access to both relevant information and services. This technology provides convenient access to information stored on powerful networks, allowing them to easily take action anywhere, anytime. The use of this "State-of-the-Art" technology ensures our team clear and effective communication. Our methods of communication include:

- Assembling a Management Team for this project comprised of a Sr. Project Engineer, Project Engineer, and Contract Support Specialist. The management team will coordinate daily with the FDOT Project Manager, as well as the contractor's Project Manager and Project Engineer. A constant stream of communication and close coordination between the individuals who have the most effect on the daily operations will ensure a successful project.
- The Project Engineer and Contract Support Specialist (CSS) monitoring the ERC system to confirm phase review documents have been distributed to the appropriate individuals and that comments are provided when due. From our experience with other design-build projects, we understand that reviewers representing outside stakeholders may not understand how to input review comments or answer the designer's response. We know this confusion can delay the schedule and will provide aggressive follow up to ensure timely submittal of review comments and resolution of concerns.
- The Management Team coordinating with all interested parties on a weekly or as-needed basis, through our weekly construction meeting. All interested parties will be invited to the weekly meeting and will receive copies of the meeting minutes. If an issue arises that affects one of the interested parties, additional communication will be initiated to ensure full coordination.
- The Management Team coordinating weekly with the field staff (Sr. Inspectors and Inspectors) through a staff meeting to disseminate information to the field personnel, discuss project issues, and relate the scheduled activities.
- The field personnel communicating daily with the contractor's foremen to coordinate the upcoming activities and immediate issues in the contractor's operation and in the QA/QC program. Pre-activity meetings are a cornerstone of our communication between the inspector and craft workers. We believe that the pre-category meeting is the best method of informing the workforce of the specification requirements, construction tolerances and inspection points.
- Field personnel communicating daily with the Project Engineer and the CSS via Daily Reports and personal discussions.
- A well planned and executed meeting providing for excellent exchange of information. Our team excels at focusing the team to productive meetings that resolves issues and move the project to a successful completion.

Inspection – The rest area project is a combination of roadway and building construction. Inspection of roadway construction will follow inspection procedures, as outlined in the CPAM and STRG; including the associated source documents and standard QC and QA testing. Inspection of earthwork, concrete and steel associated with the building will follow the requirements of CPAM and STRG to the extent possible. Shortly after the start of the design phase, Tom Muzicka will coordinate with the contractor's QC manager to produce a project specific Sampling Testing and Reporting Guide that includes the requirements for each element of the project.

To properly inspect this project we will utilize a simple and effective process: We Inspect, We don't watch.



The buildings associated with this site will utilize specialty materials and equipment delivered on site with required certifications (similar to lighting and signalization work). The majority of this work will involve a point hold inspection process. This process involves the contractor working to a critical point and then stopping so an authorized inspection can be conducted and the work approved and released for further progress. We have assembled a team for this project who are familiar with both methods of inspection. They provide the specific expertise, certifications and licenses to ensure the highest quality inspection project for the FDOT. Critical documentation of these activities includes review of product labels and shipping manifests to ensure the material conforms to approved shop drawings, and logging all code compliance reviews conducted but the architect, engineers, code officials and our personnel.

The Design-Build General Conditions require the contractor to implement a quality control program to manage and document the sampling, testing and reporting of materials incorporated in the work. Each member of the American team has extensive materials testing experience on FDOT projects and will implement a program of verification testing in accordance with the specifications. We will work with the contractor and District laboratory personnel to identify materials that require shop inspection (roof trusses, mechanical equipment) and will provide follow up to ensure the required reports and certifications are filed in advance of product delivery. Mr. Muzicka will monitor LIMS to ensure the QC and VT samples are entered, verified and accepted in a timely manner and review the sample exception report at each weekly meeting. Since this project includes significant building work, the QC plan must address the contractor's process for verifying code compliance before requesting inspections. While the design-builder's scope includes production of code compliant plans, certain items such as nailing patterns, spacing of pipe hangers and fastener sizes require knowledge of the code requirements. In order to maintain job progress, the contractor must coordinate and update their work force on the latest requirements prior to the work commencing and verify compliance as the work is completed. Mr. Wendling will document the contractor's code inspections and conduct an independent verification of each inspection stipulated on the permit card issued for each specialty.

Documentation - Once the inspections, testing, and gathering of certifications have been performed, the Contract Support Specialist will ensure that the information is reported in the correct format within the allowable time frames. Documentation is essential in defining progress and quality of work, identifying project problem areas, documentation of resolution of identified concerns and sharing innovation and new technology. When documentation is executed properly, the final materials certification and final estimate will move smoothly and quickly. We understand the importance of delivering projects that have been constructed according to plan in a quality manner, on time and under budget. As an Expert Witness for the FDOT General Counsel, Jack Knowlton, PE knows the importance of good project documentation, especially if a claim should be filed at the end of construction. He understands that well documented projects are less likely to have issues and potential claims. The American Team is familiar with the "source document" requirements and follows the procedures identified in the CPAM when developing our documentation and reporting procedures. Jack Knowlton, PE and Tom Muzicka, PE insist on high quality documentation. Before commencement of construction, they will establish procedures and expectations with our team and the contractor. We know firsthand that good preparation leads to better discussions and better projects, not to mention a quality final estimate. **Our recent CEI for the Juanita Avenue Bridge for Treasure Coast Operations in District 4 resulted in a final estimate submittal that was on time and accepted without comment or correction.**

PROJECT UNDERSTANDING

As previously stated, understanding all aspects of a project before commencement of the project is extremely important to American's approach to any project. We have discussed this project extensively with the FDOT personnel at Ft. Myers Operations, visited the project site, reviewed the CEI Scope of Services, reviewed the Design-Build Scope of Service including all the attachments and additional documents, reviewed the SFWMD and USAOCE permit files, reviewed the FDOT presentations given prior to the design-build advertisement, discussed the project with contractors that have completed building facilities for FDOT and visited similar rest areas that are completed or under construction.



The milling and resurfacing of the existing parking lot and entrance roadways, and the new parking areas for the Big Cypress Preserve recreation access areas is similar to FDOT roadway projects. We anticipate that the building shell will consist of concrete masonry units with a cast-in-place frame on spread footings and concrete slab on grade, which is also very common on FDOT projects. We anticipate a similar roofing system and internal finishes of the type and grade normally associated with commercial construction. The upgrade of the water treatment and wastewater treatment plant are well suited for package systems that have been pre-engineered by the supplier. However, they will require different inspection methods that focus on startup and consistency of operation.



Wastewater Treatment Plant - We anticipate a “package plant” wastewater treatment facility that is more efficient than the existing plant, due to its greater capacity. This new system will be required to treat wastewater for a larger rest area, a future duplicate rest area on the north side of I-75, the Collier County Safety Services Building (EMS and Fire Station including six full time individuals), and 30,000 Gallon Per Day (GPD) future flow (including 30% expansion). A “package plant” is a system where the components are shipped to the site and assembled rather than being constructed on site. This simplifies and greatly speeds up the construction process. Given the LEED conformance requirement and the push to economize, the design-builder will most likely utilize newer and more efficient technology for treating the effluent and will dispose of the solids in a useful manner. If the wastewater treatment plant can provide secondary treatment, the effluent can be used for irrigation. If tertiary treatment can be provided, the water may be used as ‘grey water’ for the rest area and the safety services building. We look forward to reviewing the plans for the wastewater treatment plant. As a FDOT requirement, the contractor is required to turn over many of the components of the existing wastewater treatment plant. We will ensure that these components are delivered in undamaged condition.

Water Treatment Plant – We anticipate a more efficient “package plant” water treatment plant that provides large capacity than the current plant at the rest area. This new system will be required to provide water for the new rest area, the Collier County Safety Services Building (EMS and Fire Station including six full time individuals). The plant will need to provide high water demand to fill the fire trucks and meet the peak demands of multiple tour buses entering the rest area. The scope did not mention water treatment for the proposed rest area on the north side of I-75. We assume that rest area will have a separate well and treatment plant. The additional demand may require the need for a larger well and will require the design build firm obtain a well permit. Given the LEED requirement and the push to economize, the firm may size the water treatment plant to only provide potable water for those areas where potable water is required. The system may utilize “grey water” from the on-site wastewater treatment plant for toilets, irrigation, and possibly filling the fire trucks. If the wastewater treatment plant provides tertiary treated water, the firm may be able to utilize the existing well. We look forward to reviewing their water treatment plant submittal. American will work with the contractor to test the existing well to verify its capacity and assure raw water availability to meet future demand. As a FDOT requirement, the contractor is required to turn over many of the components of the existing water treatment plant. We will ensure that these components are delivered in undamaged condition.



Rest Area - According to the scope (page 33), the rest area is to be designed for a small rest area building including 16 men’s fixtures, 24 women’s fixtures, and four family rest rooms including all required facilities. The area includes an area for the Division of Blind Services vending and a 240 SF storage area with a separate power meter. This building must meet the Facilities Design Manual, Chapter 4, and Section 10-4 Rest Area Facilities (September 2010 edition). The picnic pavilions will remain, but have new roofs installed to match the new rest area. The State Fire Marshall will be included in the plans review, and final inspection of the rest area building. Since there is no fire sprinkler item listed on the Standard Checklist of Rest Areas, we assume there will only be fire extinguishers in the rest area buildings.

Collier County Safety Services Building – Concept plans for the Collier County Safety Services Building were provided to the firms as part of the Scope package. The main building for a fire station / EMS center is straight forward and we do not anticipate that this will be difficult to design or build. This building will have its own generator with automatic switch for emergency operation. The design-builder may suggest changes to the concept plans to incorporate less costly finishes or equipment. Collier County will be included in the design review and will be provided weekly updates on the building construction, along with the opportunity to provide their own additional inspection of the site, if desired. We will meet with Collier County prior to the first design review to discuss their preferred method of coordination and their desired level of input regarding the building.

Earthwork Operations – The concept plans and permit file were reviewed to identify any potential concerns. Pretreatment of storm water and groundwater recharge will be provided by a series of dry storage ponds and infiltration through select A-3 embankment materials. The concept plans have adequate notes alerting the contractor to rock outcroppings and the need for rock excavation. American suggests improving this note by extending the wording to advise that all costs for rock excavation are incidental to the cost of drainage structures.

The geotechnical report advises of a seasonal high water table between 10 and 11 ft. and indicates the contractor may encounter standing water when clearing begins. The report also indicates surficial soils that are silty sand and sandy muck to an average depth of one foot with cap rock below the surficial materials. This report recommends removing the muck soils to cap rock and the placement sound material. Due to permit commitments, the concept plans (note 13) don’t allow the contractor to remove material below the seasonal high water table. Placing the new fill above A-8 materials may result in unacceptable long term settlement. American will work with the contractor’s geotechnical engineer to develop a plan to limit settlement, while maintaining compliance with permit requirements.



Milling and Resurfacing Operations - Milling and resurfacing to extend the pavement service life and construction of new asphalt pavement is an important category of work required for the project. The existing pavement within the rest area consists of 2" of structural course. Resurfacing operations will remove and replace the minimum thickness allowed for the selected mix design and a 1" milling depth is anticipated. Cross slope corrections are not included in the scope of services defined in the RFP. New asphalt surfaces will be constructed for the circulator roads and parking areas at each of the proposed recreational access areas.

American's team includes personnel with a significant depth of asphalt experience; Jack Knowlton served as Sr. Project Engineer on milling and resurfacing projects or new construction projects on I-95 in Broward County, the Polk Parkway and Veteran's Expressway. Tom Muzicka's experience includes resurfacing projects on Florida's Turnpike, new alignment interchange construction on I-95 in St Lucie County and multilane widening and 3R projects in Dade and Broward Counties. DJ Eidem's experience includes over 12 years of front line inspection experience for multilane widening and 3R projects throughout District 4 and District 5. American's professional team will use the pre-paving meeting to head the contractor on a quality path and provide the guidance and oversight necessary to ensure production and installation of high quality asphalt pavements.

As Senior Inspector, DJ Eidem will have primary responsibility for inspecting the paving operation and preparation of the verification report. Production of quality pavement requires that each member of the team work within the guidelines of the specifications and asphalt quality control plan. Mr. Muzicka and his team will focus on quality and operational issues beginning at the preconstruction conference and continuing through construction. The pre-paving conference will be utilized to transmit and confirm critical information between the contractor and CEI. The topics of discussion at the meeting will include Important dates, specification information and submittals (*date operations begin, Review of Standards and Special Provisions and Mix Design Approvals*); Plant information (*Location, Lab Number, Haul Information*); Asphalt lot information; Asphalt placement (*Equipment and methods, tack, temperature, rolling pattern, joints & handwork*); Surface requirements (*Specific Gravities, DDMS, Straight Edging and Cross Slope*) and Lot Packages and Specification Reminders

Beginning with the milling operation, DJ will make frequent spot checks to ensure that the Contractor's roadway technician is controlling the milling operation and checking the milling depth. DJ will highlight cleaning of the milled surface in their inspection routines. The operation will be inspected at the beginning of each day to verify that the equipment is clean and functional. We will record beginning and ending volumes of material and verify calibration of the tank and temperature gage. DJ will periodically check the spread rate to identify required adjustments.

During lay down operations, Mr. Eidem will maintain communication with the plant technician to maintain awareness of any potential plant problems effecting quality of the mix or limitations on the operation. In order to maintain a high level of surveillance, DJ will periodically complete a QC Report of Asphalt Paving for comparison to the contractor's report. He will confirm that the contractor has updated LIMS with its QC reports within 24 hours of each day's production.

DJ will inspect the paving operation to verify the contractor maintains the field techniques necessary to produce a high quality material. Observation of temperature and the rolling pattern will be important inspection points for verifying production of quality asphalt.

Super-pave asphalt mixes, sensitive to temperature, and the correct temperature range must be maintained to lay the material and achieve the required compaction. Low temperature mixes will not feed into the mixer uniformly and will ball up under the paver screed. This will pull the mix apart or result in variations in the material thickness. Low temperature mixes are also difficult to work around turnouts and median nosings. Asphalt produced at excessive temperature will cause inconsistent material thickness. The speed of the paving machine is also a critical element to achieving proper placement of the mixture. Running the machine to fast or to slow will result in inconsistent thickness and ripples in the material. DJ will check the spread rate and paving speed frequently to prevent these issues. He will work with the paving foreman during the initial paving operation to confirm the optimal temperature range used in the rolling operation and will frequently confirm the specified number of coverages are used to compact the material. DJ will work with the contractor to locate longitudinal joints beyond the wheel path.

Shop Drawings – Buildings typically require numerous shop drawings. We will maintain a shop drawing log to ensure that all required shop drawings are submitted by the design-builder following the Department's Plans Preparation Manual, accepted by American/FDOT and stamped and returned to the contractor.

Lighting – Lighting will be provided to the Recreational Access Areas to enhance safety. However, the design-build scope identifies only the installation of the conduit, foundations, and poles. The heads will be installed by "others". This could cause a potential coordination issue, since the designer will need wattage specifications and lighting head types to determine the spread and height of the poles or to calculate wind resistance and design the foundations. We will work



with the design-builder and the maintaining agency to facilitate the coordination of needed information to the designer early in the design phase.

Maintenance Manual – The contractor is required to provide the FDOT with a Maintenance Manual for the rest area building, water treatment plant and wastewater treatment plant. American will ensure the manual is formatted with a separate subsection for the Collier County Safety Services Center building. If desired we will obtain duplicates of this section for delivery to Collier County. We will work with the contractor to ensure that the manuals are completed as each item is constructed. We will refer to the Maintenance Manual during the “shake-down” of the water and wastewater treatment plants. Our Certified Plant Operator will review the manuals to ensure they are complete and compliant.

Intelligent Transportation System (ITS) - There is an existing FDOT splice box on the north side of the underpass that may be affected by the construction. The design-builder will most likely design their facilities to eliminate the need to relocate this box. In addition, there is a Freeway Management System in the I-75 right-of-way. The design-builder is required to coordinate with FDOT's ITS personnel during design and construction. This includes submitting an ITS Relocation and Repair Plan at the preconstruction conference. We will coordinate with the design-builder to ensure that the necessary documentation is submitted at the preconference meeting.

Utilities – The only utilities identified in the area are Century Link (phone), Lee County Electric Cooperative (power) and FDOT ITS. There are specific requirements for the design-builder to coordinate with these utilities. As CEI, we will be part of that coordination effort.

UNIQUE CONCEPTS

The American Team provides CEI personnel who are licensed contractors in the State of Florida. Our Project Engineer, Sr. Building, Sr. Electrical and Sr. Mechanical Inspectors are all licensed contractors. We believe this to be a significant benefit on this rest area because it indicates a deep level of understanding of the trades associated with this CEI project. Our team offers the specialized training and experience necessary to provide a successful project.

COST SAVING SUGGESTIONS

The design-build Scope includes replacing the roofs on the picnic pavilions to match the roof on the new rest area. The roof on the existing pavilions is anodized aluminum and in excellent condition as they are only 15 years old with a 50 year roofing material. There is a potential cost savings requiring the design-builder to match the pavilion roof on the new rest area.

Common sense is not a unique concept; however, the ability to use it is! This team offers a depth of practical building and roadway construction experience. We provide fair management perspective that promotes teamwork and quality while accelerating delivery of the facility.

American's specialty inspectors (electrical, mechanical, and wastewater treatment plant operator) are senior level personnel with Florida certifications, extensive experience and come at a premium. By providing a full time Southern Building Congress inspector on site, while utilizing the specialty inspectors when needed, we can deliver the highest level of construction oversight at a cost effective price.

The scope identified replacing the picnic pavilion roofs to match the new rest area roof. We recommend that the design-builder select a roof for the new rest area building to match the picnic pavilions and eliminate the need to reroof the picnic pavilions. The current roofs are metal and have an estimated life span of 50 years.

PROPOSED QUALITY REVIEW SCHEDULE

American has implemented an exhaustive Quality Control Program that utilizes a discipline and project specific process proving we take our reviews seriously. At the corporate level, we perform in-house QC reviews on a quarterly basis. This program is led by Brian Mirson, PE who is the Principal-in-Charge of this project. His team includes Rod Myrick, PE of Calvin Giordano and Martin Montoya of Tierra South. They will review the inspection, testing and documentation procedures. This proposed QC team is highly qualified and regularly perform as senior personnel on FDOT projects. The quality control plan developed for this project will incorporate the Department's process reviews and focus on review of documentation produced by the project staff.

Reasonableness of the Proposed Schedule Jack Knowlton served as the FDOT District 7 Scheduling Consultant for three years, as well as serving as a scheduling Expert Witness for the FDOT General Counsel on multiple litigations. He understands the importance of thoroughly reviewing the initial schedule for sequence, duration and logic before approving the initial schedule. Once the schedule is approved, the contractor will be required to update the schedule monthly and revise the schedule should there be any major changes to the project. We will utilize the schedule and updates to the schedule as an item on the weekly construction meeting and as an important management tool throughout the project. Utilizing the schedule as a tool, and not just a requirement, will be a more proficient and result in fewer surprises since all items and activities are included in the schedule. Jack will hold a monthly meeting with the contractor as part of the monthly update review to discuss upcoming activities and any changes to the schedule.



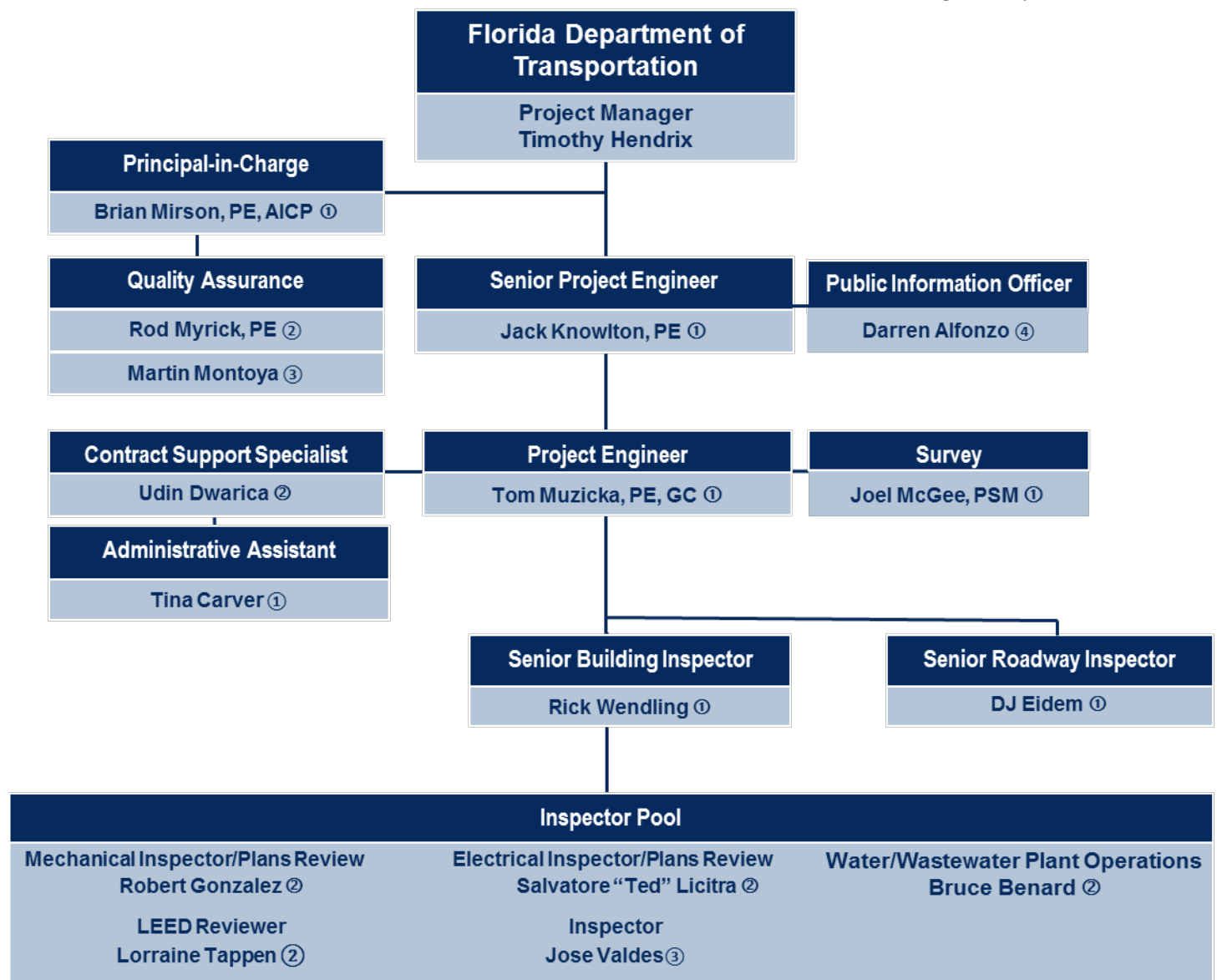
QUALITY OF PROPOSED STAFF

American Consulting Engineers (American) has proposed a staff of highly qualified personnel who have FDOT experience and have received high marks from their previous Project Managers. American will provide overall management and Sr. Inspectors. Calvin Giordano will provide the Construction Support Services (CSS) and the specialty building staff. Tierra will provide an inspector with the ability to inspect roadways and buildings. Each firm will include a member of the QC team. The staff includes:



LEGEND

- American ①
- Calvin Giordano & Associates ②
- Tierra South, Inc ③
- Quest Corporation of America ④





Jack Knowlton, PE	American	Senior Project Engineer	TIN K543477534080
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Mr. Jack Knowlton is committed to helping the Department achieve a high quality project within the budget goal for CEI. Mr. Knowlton provides over 30 years of construction engineering experience and has served as Senior Project Engineer or Project Manager on FDOT construction projects throughout Florida. His recent experience includes three widening projects on SR 56/SR 54 in Pasco County, I-95 projects in Broward County, Veterans Expressway, Polk Parkway and the Ulmerton road widening and reconstruction in Largo, Florida. His building experience includes Little Lake Bryant, City of Celebration, Animal Kingdom entrance for Disney and bascule bridge control houses for FDOT District 7 and 4. His assignments as Claims Analyst and Expert Witness for FDOT General Counsel, District One and District 7 enable him to see and avoid potential problems saving the FDOT time and cost. As a former District 7 Scheduling Consultant he will lead the review of the schedule and make this a major part of the weekly construction meeting. **Please contact Eddie Gonzalez of D1 @ 863-519-2202 or Mike Kopotic of D7 @ 813-975-6000 concerning Jack's ability and performance.**

Brian Mirson, PE, AICP	American	Principal-in-Charge	
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Mr. Brian Mirson, PE, AICP is a principal of the firm and will serve as Principal-in-Charge on this project. Brian has over 36 years of CEI management experience. His past experience includes serving as the Project Manager of construction for the Metropolitan Dade County Transportation Administration in Miami, Florida. He managed all activities related to fabrication and erection of 2,500 innovative pre-stressed concrete guideway girders for the entire twenty-mile MetroRail rapid transit system. He managed all north corridor construction for twelve miles of elevated guideway line-section support structures, and eight elevated passenger stations and all demolition work and right-of-way clearance activities. He will ensure that adequate resources are assigned to the project to ensure that all of the needs and requirements of FDOT District One.

Roderick Myrick, PE	Giordano	QA/QC	TIN: M620725711660
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Rod Myrick, PE will provide QA/QC review for this project. Rod has over 15 years of transportation, design-build, construction and emergency response management experience in varying roles. Rod is a senior member of the Calvin Giordano management team and performs Quality Control audits of their projects. He has extensive FDOT experience and he knows the documentation and testing procedures.

Martin Montoya	Tierra South, Inc.	QA/QC	TIN M530566662160
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Martin Montoya will provide QA/QC review for this project. Martin has over 10 years of experience providing geotechnical engineering and construction services and will lead the QA/QC. Martin has recently served as QC review lead on the US-1/SR-5 Low Level Bridges Replacement from North of SR 706 at Coastal Way to South of CR A1A (Ocean Boulevard), Jupiter, FL for FDOT District 4.

Tom Muzicka, PE, GC	American	Project Engineer	TIN M22082154190	Florida PE Florida GC Contractor
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Tom Muzicka, PE, GC will serve as the senior American representative on site for the majority of the time. Tom will ensure that a professional engineer will be on the site at all times. Tom has over 35 years experience including 27 years of FDOT project experience and has served in a variety of positions including I-595 Utility Relocation Engineer, Project Engineer for new alignment roadway construction, bridge replacements, and bascule bridge construction throughout south Florida. Tom's previous experience as Chief Facilities Quality Control for Miami Dade Transit included responsibilities for inspection and material certification of 20 rail rapid transit stations. Tom served as CEI project Manager for the City of Hialeah Fleet Maintenance Garage, a 10 story urban parking garage, the City of North Miami's Administrative Services Building, renovation of fire houses for Dade County and the City of Ft. Lauderdale. Tom has worked as a general contractor or subcontractor on schools, theaters, warehouse facilities, aviation terminals and Everglades pump stations making him an ideal choice for this project. **Please contact Rick Peterson FDOT @ 561 370 1130 or Elizabeth Jett, PE FDOT @ 954-486-1400.**



Udin Dwarica	Giordano	Contract Support Specialist	TIN D620841648040
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Udin Dwarica has over 21 years of construction management experience including providing CSS services and Final Estimates oversight services for the FDOT. She has worked as the in-house consultant for Treasure Coast Operations performing the CSS duties for numerous In-house and consultant projects including Juanita Bridge in Ft. Pierce (an American project completed with no comment or corrections). She has experience on transportation, sewer, water and utility projects. Her combination of FDOT and building experience will be especially valuable on this project. **Please contact Elizabeth Jett, PE @ 954-486-1400.**

Rick Wendling	American	Senior Building Inspector	TIN W53475058
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Rick Wendling has over 30 years of construction and CEI experience on projects throughout Florida. Rick has his contractor's license with the State of Florida, is a Southern Building Congress Certified Inspector, and is a graduate of the FDOT Project Engineers School. His last FDOT assignment was as PA for four of the seven construction projects on a CEI contract to reconstruct A-1-A in Palm Beach County. His projects were all well managed. In fact, one of the projects received the highest customer survey rating ever in FDOT District 4. Rick has a wide range of expertise including constructability review and scheduling consultant to FDOT District 4. Mr. Wendling's FDOT building experience includes the Florida's Turnpike / SR 50 Interchange with a toll plaza and the Holland East & West toll facilities. His other building experience includes the Plaza at Five Points, a 17 story mixed use plaza. Rick has extensive precast experience as the Plant Manager and Erection Manager of Henderson Precast which will be helpful as we expect some of the building work to be precast or package components. Rick was a structural detailer in his early career and his adaptability is especially useful in design-build situations where field modifications are the norm rather than the exception. Rick is currently named in a patent pending precast box culvert forming system. **Please contact Deb Ishan PE FDOT @ 561-432-4966 concerning Rick's ability and commitment to a project.**

DJ Eidem	American	Senior Roadway Inspector	TIN E35016073
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DJ Eidem has over 12 years of CEI experience and the necessary training and experience to supervise all aspects of the proposed work. Mr. Eidem received his initial training as an FDOT employee with Treasure Coast operations and has served on consultant CEI projects in Districts 1, 4 and 5. His relevant milling and resurfacing experience includes the improvement of Forrest Hill Boulevard and the I-95 Gatlin Boulevard Interchange rehabilitation project. He also served as Sr. Inspector during construction of the I-95 Crosstown Parkway Interchange and the Crosstown Parkway Bridge Crossing Florida's Turnpike at MP 142. DJ worked with Jack Knowlton on the early phases of the Bradenton Beach ARRA improvements, which involved ADA and lighting concerns. **Please contact Rick Petterson FDOT @ (561) 370 1130 or Dale Walker FDOT @ (772) 489-7079.**

Robert Gonzalez	Giordano	Mechanical Inspector/ Plans Examiner	Fla. Mechanical Contractor's License, 1991
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Robert Gonzalez has over 12 years of experience, including extensive plans review and inspection experience. His responsibilities include mechanical inspections and plan review of municipal and private projects to assure compliance with the South Florida Building Code. Robert will only be on the site during key periods of the construction and for the plan reviews. Robert's licenses and certifications include Florida Department of Professional Regulation (FDPR) Class A Air Conditioning Contractor's license, FDPR Mechanical Contractor's license, FDPR Sheet Metal Contractor's license, Department of Business and Professional Standards Inspector, International Code Counsel Residential Combination Inspector, and is Certified by Broward County Board of Rules and Appeals. He also is the Chief Mechanical Plans Examiner for his firm.



Salvatore “Ted” Licitra	Giordano	Electrical Inspector / Plans Examiner	Fla. Master Electrician, EC000228
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Salvatore Ted Licitra has over 20 years of experience in electrical systems. Ted is a Master Electrician and Department of Business & Professional Regulation Inspector. His responsibilities include electrical inspections and plan review of municipal and private projects to ensure compliance with the South Florida Building Code and the National Electric Code within the jurisdiction of the Broward County Board of Rules and Appeal. Ted is a FDPR Master Electrician, FDPR Plans Examiner, FDPR Inspector, and is certified by the Broward County Board of Rules and Appeals. Ted is a Member of the Board of the International Association of Electrical Inspectors. His knowledge of electrical issues will be important on the two buildings, the water and wastewater plants and the lighting systems.

Bruce Bernard	Giordano	Water/Wastewater Plant Operations	Fla. Master Electrician, EC000228
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Bruce Bernard has over 40 years of experience in water/wastewater plant operations and is licensed in Water and Wastewater Plant Operations. Bruce will be involved in initial plans review services and plant “shake down”. Mr. Bernard gained experience in drainage system layout and maintenance, right-of-way maintenance, capital improvement projects and preparations, plus the coordination of projects through governmental agencies. Bruce has extensive management experience and will oversee the final plant assembly.

Jose Valdes	Tierra South	Inspector	Tin #V432432690550
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Jose Valdes – Inspector (Tierra South, Inc.) has over eight years of experience in highway CEI including the FDOT District 4, I-95 Weigh-in-Motion Station in Martin County. This project included a scale house, Inspection Station and “Comfort Station” including bathroom and shower facilities. Jose has also worked on roadway projects and will assist with the earthwork, drainage and asphalt activities.

Darren Alfonzo	Quest	Public Information	Extensive FDOT Experience
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Darren Alfonzo - Public Information Officer (Quest Corp) has over 25 years of public involvement and community outreach expertise. Mr. Alfonzo has extensive experience in media and government relations, issuing media advisories, conflict resolution, public speaking, and facilitating public meetings. Mr. Alfonzo has worked as a Public Information Officer for the FDOT on over 20 projects within District One since 2008 and maintains an outstanding track record within the District for the work he has performed. Mr. Alfonzo served as the Public Information Officer for the Bradenton Beach roadway improvement project that received the 2010 FTBA Award for Community Awareness.

Lorraine Tappen, AICP, LEED	Giordano	LEED Review	Green Building Council Certification
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Lorraine Tappen, AICP - LEED Green Associate has more than eight years of experience in planning, including preparation of comprehensive plan amendments, land development and zoning codes and community redevelopment plans. She is available to review the LEED building certification.

AVAILABILITY OF STAFF

All of the proposed full time staff will be fully available for the anticipated September 2012 project start. The part time individuals will be on site only as needed. This is typical of vertical construction projects. It will be the responsibility of the Project Engineer to coordinate their needs on the site and coordinate with the personnel in time to assure availability. This “just in time” method of staffing will greatly enhance the quality of the work and is the most cost efficient method for scheduling staff utilization



QUALIFICATIONS / CERTIFICATIONS OF STAFF

All of the proposed personnel have the required certifications. Rick Wendling is not required to have the Final Estimates certification, however he is applying to recertify in Final Estimates and he will have this certification prior to the start of the project.

QUALITY / EXPERIENCE ON SIMILAR PROJECTS

American is fully committed to satisfying the needs of the Department. Mr. Jack Knowlton, PE, the **American** Senior Project Engineer for FDOT CEI services, will lead the CEI Team for this project. He will ensure that we meet the highest standards of quality and project performance. The personnel assembled for the project are extremely experienced on FDOT projects; they understand the Department's expectations and are committed to meet the needs of this project. Mr. Jack Knowlton, PE, is well known to District One and has always worked hard to meet the needs of every client. Our entire team is familiar with the CPAM, the Plans Preparation Manual, the Preparation and Documentation Manual, the Project Administration Manual, and the Inspection Guide Sheets. Below is the certification matrix which summarizes the personnel, their years of experience and certifications.

American Consulting Engineers of Florida																												
CEI Experience and Certification Matrix I-75 Rest Area Personnel																												
Name/Position	Experience (years)	Design-Build	Buildings	Utility Relocations	Interstate Highways	FDOT Critical Structures Issues	FDOT Lims Training Module	FDOT RCS Training Seminars	FDEP Stormwater Management	Advanced MOT	Intermediate MOT	CTQP Final Estimate II	CTQP Final Estimate I	CTQP QC Manager	CTQP Earthwork II	CTQP Earthwork I	CTQP Asphalt II	CTQP Asphalt I	CTQP Pile Driving	CTQP Drilled Shaft	ACI Concrete	CTQP Concrete	ACI CTCI	IMSA Signal II	IMSA Signal I	Hazmat	Nuclear Guage Saftey	Comments
Jack Knowlton, PE Sr. Project Engineer	30	X	X	X	X	X	X		X	X	X	X	X				X	X			X	X				X	X	
Thomas Muzicka P.E. G.C., Project Engineer	34	X	X	X	X	X	X	X		X		X		X	X	X	X	X	X							X	X	General Contractor
Udin Dwarica Contract Support Specialist	21	X	X	X	X	X	X	X	X			X	X					X										
DJ Eidem Sr Roadway Inspector	12		X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	
Rick Wendling, GC Sr Building Inspector	30	X	X	X	X	X	X		X		X			X	X	X	X	X	X	X	X	X	X			X	X	Southern Building Congress / General Contractor
Salvatore "Ted" Licitra Sr Electrical Inspector	20	X	X	X																								Master Electrician / Plans Examiner / Certified Broward Rules & Appeals
Robert Gonzales Sr. Mechanical Inspector	12	X	X	X																								Class A AC License / Mechanical Contractor Liecense / Sheet Metal Contractor License / International Council Combination Inspector
Bruce Bernard Water / Wastewater Inspector	40	X	X	X									X		X			X										Licensed Water and Wastewater Plant Operator
Jose Valdez Inspector	8	X	X	X	X	X			X		X				X	X		X			X		X			X	X	



COMMUNICATION

Communication that's clear and effective is always the biggest asset in overcoming challenges or addressing issues on any project. It is our clear and effective communication that is the key to our success on previous projects. American and the personnel assigned to this project have a history of successfully completing projects on time and with minimal issues. Effective communication begins at the top. Our Sr. Project Engineer and Project Engineer maintain excellent lines of communication with the FDOT Project Manager and Operations Center. They also maintain communication with the Contractor's Project Manager and General Superintendent. We determine upfront, if the individuals we are communicating with prefer phone or e-mail communication and use that mode on a daily basis to maintain the lines of communication. We also communicate daily with our field staff to stay informed by both reading the Daily Reports and talking with our staff. Our Sr. Project Engineer holds a weekly coordination meeting to obtain information from the field and communicate information to the staff. Urgent information is communicated immediately to and from the staff.

American has been a leader in promoting new forms of project collaboration. On a recent design-build project for construction of a Weigh-in-Motion station American provide design services. Due to the remote location of the project site it was difficult for the Contractor, CEI and Design team to schedule meetings. American implemented "GoToMeeting" through its website. This innovation allowed attendees to call in from remote locations and permitted time review and discussion of design or shop drawings by all meeting attendees. American also utilizes "Skype" and dash cams connected to our laptops to document MOT devices and the condition of the SWPPP devices. The inspector can share this information in real time with the Project Engineer or other interested parties. Sr. Inspectors meet daily in the field with the contractor's Superintendent and Foremen to discuss the upcoming schedule, anticipated work activities, and any issues that may have been identified. E-mail and the Weekly Construction Meeting are the general means of keeping other interested parties informed about the project specifics. The use of state-of-the-Art technology ensures our team clear and effective communication throughout the project.

GoToMeeting is an online meeting service that enables individuals and organizations to easily, securely and cost-effectively collaborate, present information and demonstrate products online.

COMMITMENT TO SATISFY THE DEPARTMENT'S NEEDS

Commitment begins at the top and American is committed to providing the most highly suited personnel for this project. Brian Mirson, PE is a perfect choice to serve as Principal-in-Charge due in large by his strong background in CEI and vertical construction projects. He will personally lead the QC team that oversees the American field operations, and ensure that adequate resources are assigned to the project to see that all of the needs and requirements of FDOT are met.

Staff Commitment: The personnel identified in this proposal have a strong commitment to this project. We have reviewed the timetable for the design-build contractor in the scope of services. The design-build firm is scheduled to have Notice to Proceed (NTP) on September 15, 2012 and the CEI services should start concurrently. We anticipate that the design-build firm will commence design prior to execution of the contract and possibly have some components nearly completed. Our review of the plans and specifications for the Collier County Safety Services Center is a completed design and the D/B firm could begin construction of this building while completing the design of the recreational access areas and the rest area and water / wastewater plants. It is not stated anywhere, but we assume that Collier County will be very reluctant to allow changes to their building, so we can consider this a final design.

American's CEI group is not shortlisted on any other projects at this time. Therefore, the personnel identified in this proposal are available for this project.

Therefore, in addition to possibly starting construction inspection quickly, our personnel may need to provide design review services early in the project. All of our design review personnel are available for the September 15th start. If the design-build firm has significant design completed prior to NTP, and the contractor is prepared to begin construction when the NTP is issued our field personnel will be available.



Commitment to Addressing Issues and finding Solutions: Our staff is committed to addressing issues immediately and finding solutions before the issues become problems. We understand that “Time is Money” and will work hard to resolve issues quickly and effectively. By fostering a team spirit with the contractor, we can work together to find the best possible solutions for a successful outcome. We are committed to assisting the contractor in meeting the needs of the FDOT and assisting the FDOT to meeting the needs of the people of Florida.

Commitment to Submitting the Final Estimate, Materials Certification and Warrantee Book Early: Our staff is geared to completing the Final Estimate and Materials Certification before the time frame allowed by the FDOT Scope. American’s procedure for acceleration materials certification will begin early in the design phase. Mr. Muzicka will work with the contractor to develop a comprehensive job guide schedule that includes materials roadway and building construction. The job guide schedule will be used to stimulate discussions at the weekly progress meeting and will be used to review the required materials testing and producer certifications that are required for each operation. The job guide schedule and materials requirements will also be reviewed at each of the pre activity meeting held before starting major classes of work. Mr. Muzicka and Mr. Wendling will communicate our expectation that producer certifications be in hand at the time a product is delivered and material will not be installed without the required certifications. Similarly, we will work with the contractor to assure that the Maintenance and Warrantee Manual is being assembled as the components are being installed. Again, our procedure is to check progress each month to assure submittal of this manual to the FDOT immediately following construction (before Final Estimate). Finally, American’s procedure on Monthly and Final Estimates is to assemble the information in the correct format as the product is being installed. Ms. Dwarica and Mr. Muzicka will work with the contractor’s estimator and project manager to detail the schedule of values so that work can be quantified to substantiate the percent completed on the lump sum items. Unless modified by FDOT the quantities and values shown on the schedule of values are fixed and will be the basis for fuel and bituminous adjustments; however material sampling and testing will be monitored based on the actual quantities used. As work is performed Ms. Dwarica will identify the forms and documentation required and verify the inspection staff is collecting the required data and will compile the Final estimate as each item of work is finished. Mr. Muzicka will back check each section as the final estimate is completed and the Final Estimate Package will be submitted within a week. Our last Final Estimate was submitted and approved without comment or correction. Tom Muzicka and DJ Eidem are currently working as the FDOT Quality Assurance consultant for Palm Beach Operations so they know the documentation requirements and will assure that the package is ready to be submitted and is accurate.

FIELD OFFICE

The Scope is very specific about the minimum standards for the field office. We anticipate that our field office will be a trailer at the Rest Area site. There is currently water, wastewater, electricity, cell phone coverage, telephone lines, and internet available at the Rest Area site. There will be a period when the water and wastewater may not be available because the contractor is reconstructing those facilities, but we will make special provisions during those periods. We anticipate that the contractor will have a trailer on the site and we intend to coordinate with the contractor to provide utilities to both trailers at all times.

CORPORATE COMMITMENT

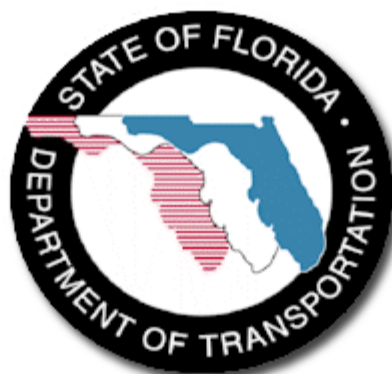
American Consulting has a long and successful history working with FDOT District One. We have served as the designer on a number of recent design-build projects. This project will be a great opportunity to provide CEI services on another design-build project in District One. As a major client to American, District One has our commitment to provide unsurpassed CEI services and to exceed your expectations on this project.

APPENDIX

A. Required Forms

- Man-Hour Tabulation Sheets
- Consultant Affidavit Forms
- Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion for Federal Aid Contract
- Certification for Disclosure of Lobbying Activities on Federal Aid Contracts
- Truth-in-Negotiations Certification
- Consultant Certification
- DBE Participation Statement
- Bid Opportunity Form

B. Staff Organizational Chart/Resumes



Florida Department of Transportation's
Construction Training Qualification Program

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
D62084164	Asphalt	Asphalt Paving Technician - Level 1	7/31/2013
D62084164	Asphalt	Asphalt Paving Technician - Level 2	3/15/2017
D62084164	Management	Final Estimates - Level 1	5/18/2014
D62084164	Management	Final Estimates - Level 2	6/10/2013

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Jose Valdes
Inspector

8 Years Experience

EDUCATION

2000- Present

Engineering, Palm Beach
Community College, Lake
Worth Florida

Professional
Certifications

Tin # V432432690550

FDOT CFI

ACI CFTT

Earthwork Inspector Level 1

Earthwork Inspector Level 2

Asphalt Paving Level 1

Nuclear Safety

EXPERIENCE

Mr. Valdes has more than 8 years experience in Construction Materials Testing Services and Laboratory working in numerous projects throughout South Florida.

PROJECT EXPERIENCE

I-95 WIM NB & SB, Martin County, FL - Performed inspections on all roadway inspections such as concrete pavement, embankment, pipe, subgrade, curb, base, sidewalks, and structures.

Improvements to State Rd 70, Kings Highway, St. Lucie County, FL - Performed inspections on all roadway inspections such as embankment, pipe, sidewalks, and concrete structures

Royal Palm Beach Boulevard, Palm Beach County, FL - Providing quality control for the widening and improvement of Royal Palm Beach Boulevard North in Palm Beach County, Florida. Mr. Valdes is providing soils and concrete testing during utility backfill, sidewalk, curb pads, and embankment construction as well as subgrade and base installation. Concrete testing was taken during utility structures, curbs and sidewalks.

CR-811/Dixie Highway, Palm Beach & Broward Counties, FL - Providing quality control for the new fly-over construction in Palm Beach & Broward Counties, Florida. Providing sampling of soils and concrete for laboratory testing. Performing soil testing (density testing) on utility backfill, embankment, MSE Wall construction, foundations for pile caps, subgrade and base materials. Concrete testing is provided for foundations, columns and decks including all concrete physical properties.

SE 3rd Street, Belle Glades, Florida - Provided soils testing, concrete for the reconstruction and resurfacing/ widening of SE 3rd Street in Belle Glades, Florida. Also monitored removal of muck (2 ± feet) and placement of geo-grid fabric prior to placing backfill. Soils testing by nuclear methods took place during utility backfill, embankment, subgrade and base installation. Concrete testing took place for structures and curbs.

ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

County Line Road, Palm Beach County

- Performed Earthwork, Concrete & Asphalt Inspections

Pine Island Road, Broward County

- Performed Earthwork, Concrete & Asphalt Inspections

NW 21st Avenue, Broward County, FL

- Performed Earthwork, Concrete & Asphalt Inspections

I-95 Mobility 2000, West Palm Beach, FL

- Construction Engineering and Inspection for the widening of roadways and bridges being reconstructed in West Palm Beach, Florida. Project Inspector



Florida Department of Transportation's
Construction Training Qualification Program

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
V43243269	Asphalt	Asphalt Paving Technician - Level 1	4/12/2012
V43243269	Concrete	Concrete Field Technician - Level 1	3/5/2016
V43243269	Earthwork	Earthwork Construction Inspection - Level 1	2/1/2013
V43243269	Earthwork	Earthwork Construction Inspection - Level 2	10/16/2014

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Richard J. Wendling

Senior Building Inspector

SUMMARY

Mr. Wendling has over 30 years of building, civil, and transportation construction and design experience including sales and marketing, estimating, contract negotiations, multiple project coordination, field supervision, project and office engineering, inspection, drafting and design, project cost accounting, fee proposals and presentations. He is experienced with Microsoft Excel, Microsoft Word, PowerPoint, Adobe, Lotus, WordPerfect, Microsoft Project, PC Anywhere, Site Manager, Corel Presentation and SureTrac, software.

EDUCATION

A.A., Architecture/Construction, SUNY Delhi

PROFESSIONAL REGISTRATIONS

State of Florida Building Inspection License # BN-0002503

EXPERIENCE PROFILE

Project Administrator/Office Manager: Eisman & Russo Consulting Engineers, 2005-2008

President: RJW Consulting International, Inc., 2003-2005

Area Manager/Project Manager: HDR Construction Control Corp., 2000-2003

Branch Manager/Construction Services Manager/Project Manager: Civil Services, Inc., 1998-2000

Contract Support Specialist/Office Engineer/Senior Inspector: GAI Consultants SE, Inc., 1992-1998

Project Engineer: Centex-Great Southwest, Inc., 1989-1991

Threshold Building Inspector: Walter P. Moore & Assoc., Inc., 1988-1989

Senior Project Designer: Leap & Assoc. International, Inc., 1987-1988

Project/Office Manager and Field Supervisor: Citro Brothers, Inc., 1987

Operations Manager: Henderson Pre-stressed Concrete, 1985-1987

Engineering / Estimating Manager: Quality Precast, Inc., 1983-1985

Design Draftsman: Zurn Industries, Inc., 1980-1983

Project Draftsman: Morrison Knudsen, Inc., Luka, Mississippi, 1978-1980

PROFESSIONAL AFFILIATIONS

American Society of Highway Engineers (ASHE)

American Society of Military Engineers

CERTIFICATIONS - TIN W53475058

SBCCI Certified Building Inspector

ATSSA Traffic Control Technician – Basic

Nuclear Density Testing

Final Estimates – Level 1 (Level 2 Scheduled)

FDOT Project Engineers School

CTQP QC Manager

FDOT Contract Administration Consultant Series

Conflict Resolution and Confrontation Skills

National Pollutant Discharge Elimination Systems

Florida Worker's Compensation Course

Universal Building Code Inspector

ACI – Level 1

FDOT 346 Certification

FDOT Eng Menu

FDOT Multi-line Basic and Intermediate

ATSSA Traffic Control Technician – Intermediate

CTQP Asphalt Level 1

CTQP Asphalt Level 2

FDEP Erosion Control Inspector

FDEP Certified Erosion Control Instructor

PREVIOUS EXPERIENCE

SR A1A – From Broward/Palm Beach Co. Line to the City of West Palm Beach, FDOT District 4, 03/07 to 03/08 Project Administrator/Office Manager – Responsible for daily monitoring of contractors work effort on 7 projects totaling approximately \$24.5m Work consists of milling and resurfacing, new paved and unpaved shoulders, widening, storm drainage, sidewalk, overbuild, seawall restoration, new barrier wall, signing, signalization, lighting, landscape and turtle lights. Three of the 7 projects received awards. **Contact: FDOT District 4, Rob Cables (561) 719-7799**

CR427 Utility Relocation, Altamonte Springs, Seminole Co. – 05/02 to 03/03 (City of Altamonte Springs) Project Manager – Responsible for monitoring installation of utilities within Altamonte Springs city limits **Contact: City of Altamonte Springs, Roger Densberger (407) 571-8347**

Lake Underhill Road/LMC Loop Road Improvements, Orange Co. - 11/00 to 03/02 (Lockheed Martin/Orange County) Project Engineer - \$8,500,000 widening and reconstruction of Lake Underhill Road from two to four lanes including earthwork, drainage structures, asphalt base, soil cement base, asphalt pavement.

Lake Underhill Road/LMC Loop Road Improvements, Orange Co. - 07/00 to 11/00 (Lockheed Martin/Orange County) Project Engineer – 8,500,000 widening and reconstruction of Lake Underhill Road from two to four lanes including earthwork, drainage structures, asphalt base, soil cement base, asphalt pavement.

BP294 New FedEx Infrastructure/Tradeport Drive & Post Office Blvd. Improvements, Orlando International Airport – 11/99 to 03/00 (Greater Orlando Aviation Authority) Project Manager – Responsible for QA/QC/Constructability Review of design documents. Project involves the design of a new concrete taxiway and apron, drainage structures and retention pond, roadway widening, turn lanes, high mast

lighting, signing and signalization, utility relocation, landscape and irrigation at 30%, 60%, 95% and 100% phases. Also responsible for contract negotiations, Invoicing and project coordination. **Contact: AVCON, Inc. Jim Kriss, PE (407) 599-1122**

Runway 27R ILS/MALSR Installation, Orlando/Sanford Airport – 2/00 to 6/00 (Orlando-Sanford Airport Authority) Project Manager – Responsible for Construction Management and Testing Services for the design/build of runway expansion and new runway and taxiway lighting, including geogrid reinforced sod access roads, light control structures, light pole foundations, directional boring and duct bank installation and prefabricated building installation. **Contact: AVCON, Inc. Jim Kriss, PE (407) 599-1122**

US17 / SR15 Widening, Clay Co. – 07/99 to 03/00 (FDOT – District 2) Project Engineer/Office Engineer – Responsible for Monitoring contractor's daily work operations, and direction of inspection staff, process monthly progress and final estimates, monitor permit requirements. Project involves the widening of US17 from four to six lanes including earthwork, drainage structures, asphalt base, asphalt pavement (day and nighttime operations), curb & gutter, traffic separator, signing and signalization, retention ponds and MOT. **Contact: FDOT Project Engineer – Rob Hansgen (904) 360-5560**

SR115 Widening, Duval Co. – 03/99 to 06/99 (FDOT – District 2) Sr. Inspector – Responsible for Inspection of drilled shaft installation. Shafts were 48" diameter and approximately 30 to 45 feet deep.

Constructability Reviews, FDOT District 4 – 03/05 to 04/06

Project Administrator - Providing constructability reviews, contract time estimates and schedules, field reviews on FDOT District 4 projects, working in the Fort Lauderdale District Office, Construction Department. **Contact: FDOT – District 4, Pat McCann, PE (954) 777-4387**

Hurricane Wilma Recovery, FDOT District 4 – 10/05 to 01/06

Project Administrator – Responsible for monitoring and inspection of signalized intersection reconstruction to place all signalized intersections in Broward County back to pre-hurricane condition as well as installation of upgrades to bring intersections up to the most recent FDOT specifications. **Contact: GBF Engineering, Ron Capobianco (954) 868-0023**

RJW Consulting International, Inc. – 07/03 to 03/05

President – Providing construction management and inspection services as well as construction services to private and public sector clients throughout Florida including FEMA and General Services Administration.

Civil Services, Inc., Jacksonville, Florida - 7/98 to 11/00

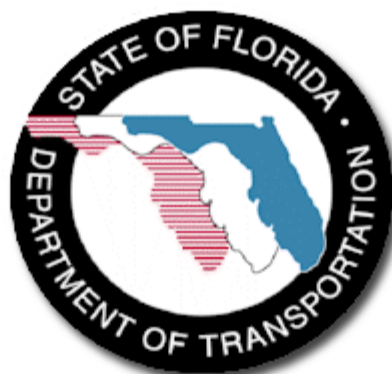
Branch Manager/ Construction Services Manager/Project Manager – Manage the Orlando, FL Office including marketing design and construction services for federal, state, and local government agencies, negotiate contracts, change orders, supplemental agreements. Responsible for monthly invoicing, operating budget and cost projections. Oversee QA/QC activities and manage construction management/inspection services. Project Manager duties include coordination of design and project management teams, direct and supervise in-house and subconsultant work efforts, conduct weekly progress meetings, reviews change orders and project discrepancies, coordination, observation and inspection of structural, architectural, mechanical, and electrical components of vertical construction projects, review contractor submittals, work schedule, verification of materials, review and assembly of warranty information for submittal to the client. **Contact: William Price (904) 641-1835**

Holland East & West Toll Facilities, Orlando, Florida – O-OCEA Senior Inspector – Responsible for CEI inspection of renovation construction on toll facilities including new toll booths, roof, fascia and column covers, miscellaneous electrical, mechanical, plumbing, and new lighting and signing.

Turnpike Interchange at SR 50, West Orange County, Florida - FDOT Turnpike, 01/93 to 06/93 Senior Inspector - responsible for inspection of all phases of main toll facility and ramp toll facility buildings, including site, landscaping, structural, electrical, mechanical, plumbing fire protection and finish work.

South Florida Regional Transportation Authority – 01/10 to 05/10

Owners Representative – Provided site reviews, constructability reviews, field modifications, change order reviews and monthly pay request reviews for numerous rail stations throughout Palm Beach, Broward and Miami-Dade Counties. **Contact: SFRTA, Bill cross (954) 788-7916**



Florida Department of Transportation's
Construction Training Qualification Program

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
W53475058	Asphalt	Asphalt Paving Technician - Level 1	3/3/2013

[Back](#)

134215

A. Required Forms

CONSULTANT AFFIDAVIT

STATE OF FLORIDA
COUNTY OF Pasco

Before me, the undersigned authority, personally appeared (Date) 4/2/12
who was sworn and says:

1. He is (Title) Principal of (Firm) American Consulting Engineers of Florida, LLC
with office in (City and State) Wesley Chapel, Florida 33544
2. The named firm is submitting the attached proposal for:
Description: CEI Services for FDOT District One – I-75 (Alley) MM 63 Rest Area South, Collier County
Financial Project I.D.(s) 200746-2-62-01 Contract. No 12132 in FDOT
District 1 County(ies), Florida.
3. The affiant has made diligent inquiry and answers this affidavit based upon his/her own knowledge.
4. Only one proposal for the above-referenced project will be submitted, under the same or different name, and the proposer has no financial interest in the firm of another proposer for the same work.
5. Neither the affiant nor the firm has directly or indirectly entered in any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive pricing in connection with the firm's proposal on the above project. This statement shall restrict the discussion of pricing data until the completion of the execution of the Consultant Agreement for this project.
6. Neither the firm nor its affiliates, nor any one associated with them is presently debarred, suspended or otherwise ineligible from participating in contract lettings by any federal or state agency or department.
7. Neither the firm, nor any officer, director, employee of the firm or any of its affiliates has been criminally or civilly charged with antitrust violations, or had convictions or judgements resulting from such charges. There have been no charges or subsequent convictions of any criminal act under state or federal law which involved fraud, bribery, conspiracy, antitrust violations or material misrepresentation with respect to a public contract, except for matters previously disclosed to the Department and filed in Case No. (s) N/A with the Clerk of Agency Proceedings. (If inapplicable, enter N/A.)
8. The affidavit includes disclosure of employees who were charged or convicted of contract crimes while in the employ of another company.

Affiant

Sworn to and subscribed before me this 2nd Day of April, 2012

Notary Public –County of Pasco, State of Florida
My Commission Expires:

NOTICE

Any evidence of collusion among participating proposers will preclude their recognition as proposers on such job and subjects them to penalties and restraints under applicable State and Federal Law.

PROPOSERS ON ALL DEPARTMENT PROJECTS MUST SIGN AND ATTACH THIS AFFIDAVIT TO EACH PROPOSAL

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY
AND VOLUNTARY EXCLUSION FOR FEDERAL AID CONTRACTS**

(Compliance with 49CFR, Section 29.510)

(Appendix B Certification]

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant: American Consulting Engineers of Florida, LLCBy:  Date: 3/21/12
Authorized SignatureTitle: Principal**Instructions for Certification**

1. By signing and submitting this certification with the proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the Department may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted. If at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms 'covered transaction', 'debarred', 'suspended', 'ineligible', 'lower tier covered transaction', 'participant', 'person', 'primary covered transaction', 'principal', 'proposal', and 'voluntarily excluded', as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the person to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the Department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Appendix B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction", without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Non procurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant are not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the Department may pursue available remedies, including suspension and/or debarment.

BID OPPORTUNITY LIST

PLEASE COMPLETE AND MAIL OR FAX TO:

EQUAL OPPORTUNITY OFFICE
605 SUWANNEE ST., MS 65
TALLAHASSEE, FL 32399-0450
TELEPHONE: (850) 414-4747
FAX: (850) 414-4879

This information may also be included in your bid or proposal package.

Prime Contractor/Consultant: **American Consulting Engineers of Florida, LLC**
Address/Telephone Number: **2000 Palm Beach Lakes Blvd, Ste 1000, West Palm Beach, FL 33409**
561.253.9550
Quote Submitted MM/YR: **N/ A**

49 CFR Part 26.11 requires the Florida Department of Transportation to develop and maintain a "bid opportunity list." 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 materials supplies 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 Nos.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.

1. Federal Tax ID Number: <u>04-3682340</u>	6. <input type="checkbox"/> DBE	8. Annual Gross Receipts
American Consulting Engineers of		
2. Firm Name: <u>Florida, LLC</u>	<input checked="" type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 million
3. Phone: <u>561.253.9550</u>		<input type="checkbox"/> Between \$1 - \$5 million
4. Address: <u>2000 Palm Beach Lakes Blvd, Ste 1000</u>		<input type="checkbox"/> Between \$5 - \$10 million
<u>West Palm Beach, FL 33409</u>		<input checked="" type="checkbox"/> Between \$10 - \$15 million
		<input type="checkbox"/> More than \$15 million
5. Year Firm Established: 1986 as PLC, 2002 as LLC	7. <input type="checkbox"/> Subcontractor	
	<input type="checkbox"/> Subconsultant	

1. Federal Tax ID Number: <u>65-0013869</u>	6. <input type="checkbox"/> DBE	8. Annual Gross Receipts
2. Firm Name: <u>Calvin, Giordano & Associates</u>	<input checked="" type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 million
3. Phone: <u>954.921.7781</u>		<input type="checkbox"/> Between \$1 - \$5 million
4. Address: <u>Ft. Lauderdale, FL 33316</u>		<input type="checkbox"/> Between \$5 - \$10 million
		<input type="checkbox"/> Between \$10 - \$15 million
		<input checked="" type="checkbox"/> More than \$15 million
Year Firm Established: 1985	7. <input type="checkbox"/> Subcontractor	
	<input checked="" type="checkbox"/> Subconsultant	

1. Federal Tax ID Number: <u>20-0282450</u>	6. <input checked="" type="checkbox"/> DBE	8. Annual Gross Receipts
2. Firm Name: <u>Tierra South Florida, Inc.</u>	<input type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 million
3. Phone: <u>(561) 687-8539</u>		<input checked="" type="checkbox"/> Between \$1 - \$5 million
4. Address: <u>2765 Vista Parkway, Suite 10</u>		<input type="checkbox"/> Between \$5 - \$10 million
<u>West Palm Beach, FL 33411</u>		<input type="checkbox"/> Between \$10 - \$15 million
		<input type="checkbox"/> More than \$15 million
Year Firm Established: 2003	7. <input type="checkbox"/> Subcontractor	
5.	<input checked="" type="checkbox"/> Subconsultant	

1. Federal Tax ID Number: <u>59-3335186</u>	6. <input checked="" type="checkbox"/> DBE	8. Annual Gross Receipts
2. Firm Name: <u>Quest Corporation of America, Inc.</u>	<input type="checkbox"/> Non-DBE	<input type="checkbox"/> Less than \$1 million
3. Phone: <u>(813) 926-2942</u>		<input checked="" type="checkbox"/> Between \$1 - \$5 million
4. Address: <u>3837 Northdale Boulevard</u>		<input type="checkbox"/> Between \$5 - \$10 million
<u>#242</u>		<input type="checkbox"/> Between \$10 - \$15 million
<u>Tampa, FL 33624</u>		<input type="checkbox"/> More than \$15 million
	7. <input type="checkbox"/> Subcontractor	
	<input checked="" type="checkbox"/> Subconsultant	
5. Year Firm Established: <u>1995</u>		

DBE PARTICIPATION STATEMENT

Consultants are required to indicate their intention regarding DBE participation and submit this form with their proposals

Project Description: CEI SERVICES for I-75 (Alley) MM 63 Rest Area South, Collier County
FPID: 200746-2-62-01


Consultant Name: **American Consulting Engineers of Florida, LLC**

This consultant (is) (is not X) a Department of Transportation certified Disadvantaged Business Enterprise (DBE).

Expected percentage of contract fees to be subcontracted to DBE(s): 10 %

If the intention is to subcontract a portion of the contract fees to DBE(s), the proposed DBE sub-consultants are as follows:

DBE Sub-Consultant	Type of Work/Commodity
Tierra South Florida, Inc.	Inspection
Quest Corporation	Public Information Officer

By:  _____
Brian Mirson, PE, AICP

Title: Principal

Date: 3/21/12

TRUTH-IN-NEGOTIATION CERTIFICATION

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

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

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

American Consulting Engineers of Florida, LLC

Name of Consultant

By:  _____

Authorized Signature

April 2, 2011

Date

FEDERAL-AID FORMS
CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES
ON FEDERAL-AID CONTRACTS
(Compliance with 49 CFR, Section 20.100 (b))

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

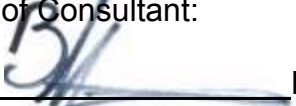
(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Contractual Services Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub recipients shall certify and disclose accordingly.

Name of Consultant:

By:  Date: 3/21/12
Authorized Signature

Title: Principal

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**VENDOR CERTIFICATION REGARDING
SCRUTINIZED COMPANIES LISTS**

Respondent Vendor Name: American Consulting Engineers of Florida, LLC

Vendor FEIN: 04-3682340

Vendor's Authorized Representative Name and Title: Jeff Novotny, PE, AICP, Principal

Address: 2818 Cypress Ridge Blvd., Suite 200, Wesley Chapel, FL 33544

City: Wesley Chapel State: FL Zip: 33544

Phone Number: 813.435.2654

Email Address: jnovotny@acp-fl.com

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies for goods or services of \$1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Both lists are created pursuant to section 215.473, Florida Statutes.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By: Jeff Novotny, PE, AICP
who is authorized to sign on behalf of the above referenced company.

Vendor FEIN: 04-3682340

Authorized Signature Print Name and Title: Jeff Novotny, PE, AICP, Principal

Date: 3/21/12

CONSULTANT CEI ESTIMATED STAFFING

OFFICE PREPARING ESTIMATE	American Consulting Engineers
FINANCIAL PROJECT ID	200746-2-62-01
PROJECT NAME/from/to	I-75 Rest Area at Mile Marker 63
COUNTY	Collier
PROJECT TYPE & DESCRIPTION	Design/Build - Reconstruct Rest Area, Collier County Safety Services Building, & Recreation Access
DATE PREPARED	April 2, 2012

Contractor NTP	8/15/2102
CEI Start Date	8/15/2012
CEI End Date	12/15/2013
Construction Duration	450
Total Duration	480
Calendar Months	16.0

Combined Manpower																				
#1	CEI Set-up	Set-up																	TOTAL	
	Design / Plans Review	Design/Plans Review																		
	Construction		Construction																	
	Close-out																	Close-out	Man Months	Man Hours
		2012					2013													
Item No.	Personnel Classifications	Aug 1	Sept 2	Oct 3	Nov 4	Dec 5	Jan 6	Feb 7	Mar 8	Apr 9	May 10	June 11	July 12	Aug 13	Sept 14	Oct 15	Nov 16	Dec 17		
1	Sr. Project Engineer	0.50	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	4.75	783.75
2	Project Engineer	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	14.50	2,392.50
3	Contract Support Specialist / SRI	0.50	0.25	0.25	0.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	13.75	2,268.75
4	Secretary	0.50	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	8.00	1,320.00
5	Sr. Roadway Inspector	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	6.00	990.00
6	Sr. Building Inspector	0.00	0.50	0.50	0.50	0.50	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.00	0.00	9.50	1,567.50
7	Sr. Electrical Inspector	0.00	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.00	2.15	354.75
8	Sr. Mechanical Inspector	0.00	0.10	0.10	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.00	2.15	354.75
9	Sr. Plant Operator	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	3.20	528.00
9	Inspector	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	11.00	1,815.00
10	PIO	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.70	280.50
	PROJECT TOTAL	2.10	3.05	3.05	2.40	3.85	4.90	4.90	4.90	4.90	4.90	4.90	4.90	5.90	6.90	6.90	6.15	2.10	76.70	12,655.50

B. Staff Organizational Chart/Resumes



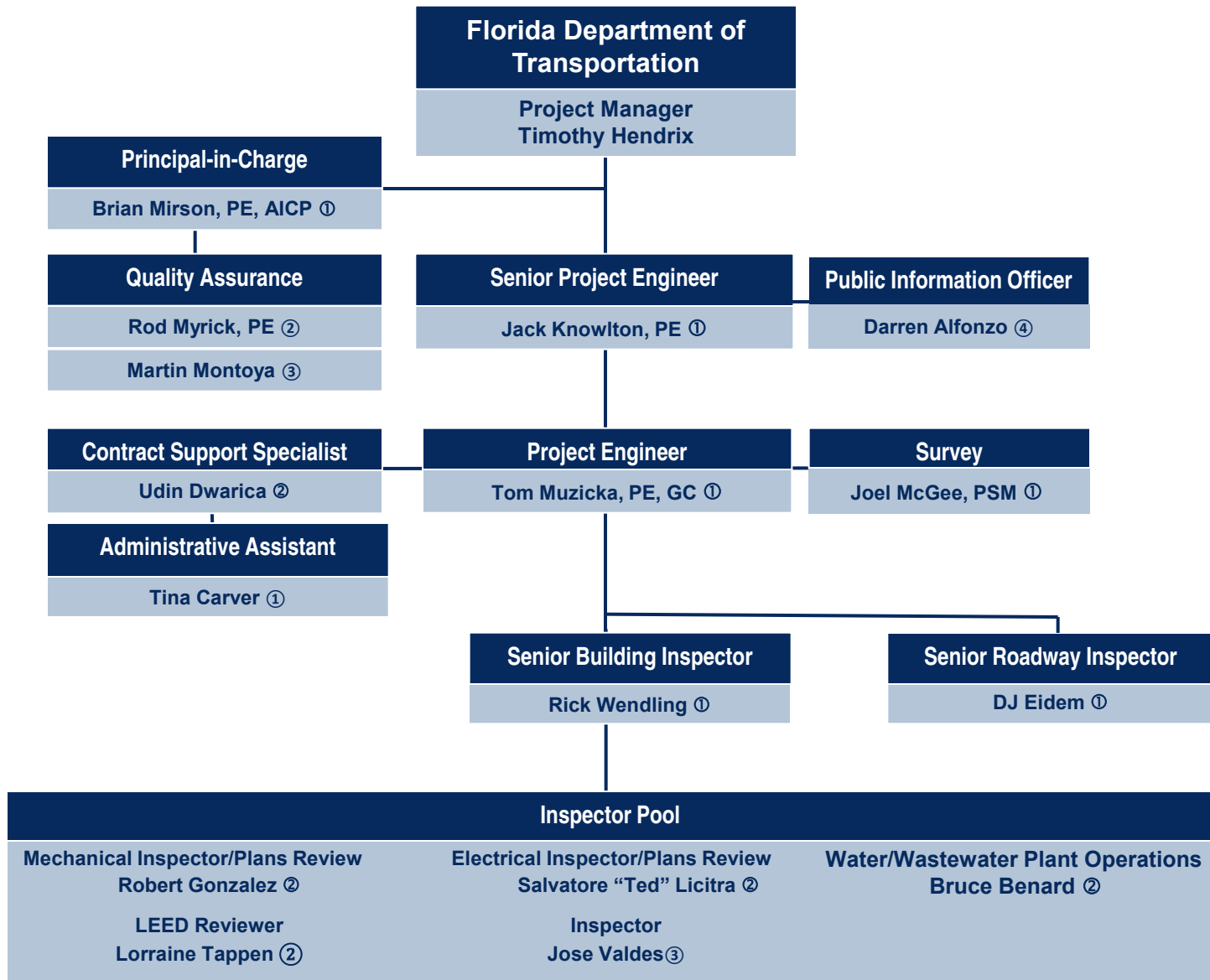
LEGEND

American ①

Calvin Giordano & Associates ②

Tierra South, Inc ③

Quest Corporation of America ④



Experience – 25 years

Darren Alfonso is a seasoned communicator with over 25 years of public involvement and community outreach expertise. Mr. Alfonso has extensive experience in media and government relations, preparing press releases, conflict resolution, public speaking, and facilitating public meetings. Mr. Alfonso has served as a Public Information Officer for The Florida Department of Transportation on over 20 projects within District One since 2008 and maintains an outstanding track record within the District for the work he has performed. In addition, Mr. Alfonso served as an inspector on numerous FDOT roadway projects from 2006 through 2008.

Quest Corporation of America, Inc.

Tampa, FL

Mr. Alfonso provides public involvement for QCA clients. His many years of serving as a public information officer combined with his experience as an inspector provide a unique set of attributes that allow him to maximize his effectiveness in communicating construction issues and processes to the public, media, municipalities, and all other stakeholders.

PROJECT EXPERIENCE – DISTRICT ONE (Debbie Tower)

CR 832 (Keri Road) from SR 29 to East of SR 29 Resurfacing Project

Hendry County, FL (2009-2010)

Mr. Alfonso provided public information on this resurfacing project in Labelle, Florida. Mr. Alfonso created and distributed project fact sheets to the local community, communicated project updates to local municipalities, submitted weekly Road Watch updates and responded to citizen inquiries.

(Reference: Ms. Mary Wiley, FDOT Project Manager, 239-656-7866)

S. R. 70 Widening Project

Desoto County, FL (2008-2009)

Mr. Alfonso provided public information on this \$4.7 million widening project. Mr. Alfonso established and maintained a stakeholder database, facilitated a public meeting, distributed collateral materials, submitted weekly Road Watch updates, and issued press releases. Mr. Alfonso responded to citizen inquiries and served as liaison between the City of Arcadia and project staff on various issues. **(Reference: Mr. Nikesh Patel, FDOT Project Manager, 941-359-7367)**

PROJECT EXPERIENCE – DISTRICT ONE (Cindy Clemmons)

SR 45 (US 41 Business) / South of 26th Avenue west to 10th Street West

Manatee County, FL (2011)

Mr. Alfonso provided public information services for this \$650K project consisting of milling and resurfacing, curb and gutters, sidewalks, drainage adjustments, signing, pavement markings and improvements to signalization. Mr. Alfonso created and distributed collateral materials, issued media advisories, and served a liaison between the community and project staff.

(Reference: Ms. Marlena Gore, FDOT Project Manager, 941-359-7300)

Anna Maria Boardwalk Project, Anna Maria Island

Manatee County (2011)

Mr. Alfonso provided public information for the Florida Department of Transportation for the construction of a new boardwalk at The City Pier on Anna Maria Island. This \$698K project consisted of the construction of a new boardwalk and plaza shelters, parking reconfiguration, lighting, irrigation, trash enclosures, bike racks, signage, and concrete pads for magazine racks. Mr. Alfonso provided public information services to include coordination and facilitation of the public information meeting, preparation and distribution of collateral materials, responding to inquiries by the public and media and preparation of press releases.

(Reference: Mr. Barry Williams, FDOT Project Manager, 941-359-7334)

US 17 / South of Cypress Gardens Boulevard to South of Havendale Boulevard

Polk County, FL (2011)

Mr. Alfonso provided public information services on this \$1.85M roadway improvement project that consisted of resurfacing the roadway, and drainage, sidewalk and signalization improvements. Mr. Alfonso served as liaison between project staff, local businesses and the City of Winter Haven to effectively communicate project updates such as lane closures and night work schedules. His duties also included the preparation and distribution of all project related collateral materials.

(Reference: Mr. George McClintock, FDOT Project Manager, 863-519-2300)

U.S. 27 Widening / S.R. 540 to North of S.R. 542

Polk County, FL (2010 –2011)

Mr. Alfonso provided public information services for this \$7.8M project consisting of widening U.S. 27 from four to six lanes. He facilitated the project's public information meeting, distributed collateral materials, and issued press releases. Mr. Alfonso worked extensively with project staff, local business owners and community leaders to provide pertinent construction updates and respond to inquiries and concerns in a proactive and timely manner.

(Reference: Mr. George McClintock, FDOT Project Manager, 863-519-2300)

S.R. 789 Resurfacing Projects / New Pass Bridge to the Manatee County Line

Sarasota County, FL (2010 – 2011)

Mr. Alfonso provided public information services for this \$2.3M project for improvements on Longboat Key that consisted of milling and resurfacing, installation of new sidewalks, installation and repair of curbs and gutters, improvements of roadway shoulders, signage and pavement markings and installation of improved traffic signals. Mr. Alfonso coordinated and facilitated the public information meeting, prepared and distributed collateral materials, issued media advisories, and served as liaison between the community, local municipalities, and project staff.

(Reference: Ms. Marlena Gore, FDOT Project Manager, 941-359-7300)

S.R. 559 Roadway Extension from State Road 655 to Derby Avenue

Polk County, FL (2010 – 2011)

Mr. Alfonso provided public information services for this \$5M project that included the construction of a new bridge over the railroad tracks and SR 655, addition of turn lanes on SR 655 for new SR 559 intersections, and the widening of shoulders on SR 655. Mr. Alfonso was responsible for coordinating and conducting the initial public information meeting, preparing and distributing collateral materials, preparing press releases, responding to inquiries from both the public and media, attending weekly progress meetings, and maintaining a stakeholder database.

(Reference: Mr. George McClintock, FDOT Project Manager, 863-519-2300.)

I-75 Widening / North of River Road to North of SR 681

Sarasota County, FL (2010)

Mr. Alfonso provided public information services for this \$31M design-build project. He communicated project information to affected property owners, business owners and other interested parties. He distributed collateral materials, issued press releases and facilitated the project's public information meeting. Mr. Alfonso maintained a stakeholder database and project website.

(Reference: Mr. Nikesh Patel, FDOT Project Manager, 941-359-7367)

S.R. 789 / Longboat Key Pass Bridge to south of Cortez Road & North of Cortez Road to S.R. 64

Manatee County, FL (2010)

Mr. Alfonso provided public information services for these \$1.3M projects consisting of milling and resurfacing, shoulder treatment, curbs and gutters, signalization, guardrail, signing and pavement markings, sidewalk and traffic monitoring site. Mr. Alfonso served as liaison between the local community, municipalities, and project staff regarding project updates and issues. Mr. Alfonso also served as liaison between project staff, the Southwest Florida Water Management District, the Florida Department of Environmental Protection, and volunteer organizations as a result of the state sea turtle nesting season along the Florida Wildlife Coastal Control Line. ***These coordination efforts resulted in the project receiving the 2011 FTBA Award for Community Awareness.*** Mr. Alfonso facilitated the project's public meeting, prepared and distributed collateral materials, issued media advisories, and maintained a stakeholder database. **(Reference: Ms. Marlena Gore, FDOT Project Manager, 941-359-7300)**

Education - Bachelor of Arts Degree, Sociology, University of South Florida (1990)

BRUCE BERNARD / Sr. Utilities

SUMMARY OF QUALIFICATIONS

Mr. Bernard's experience and education has been obtained through on the job training within related fields. Beginning with the plumbing trade in the early 1970s, he was able to progress to public and private utility plant and field operations for ten years. He advanced to the public sector for fourteen years. During his tenure in the public sector, Mr. Bernard gained knowledge of drainage concepts and installation, water and wastewater design and installation, roadway construction, and trail system management and wetland requirements. He served for six years as Department Director for Public Works and Capital Projects. Mr. Bernard gained experience in drainage system layout and maintenance, right-of-way maintenance, Capital Improvement project and preparations, plus coordinating of projects through governmental agencies.

PROJECT EXPERIENCE

Field Manager, Calvin, Giordano & Associates, Inc. (2006-Present). Mr. Bernard is responsible for project construction management, installation inspection, and field coordination of site work, roadways, drainage and underground utilities.

Public Works Director, Town of Davie, Davie, FL (1981-2006). Directed operations within department in regard to buildings, parks, roadway, right-of-way, trail system and stormwater maintenance. He was responsible for the management of Town of Davie Capital Projects including construction for parks and governmental buildings. He supervised a staff of seventy-two employees, managed a six-million dollar department budget, and eight million dollar capital improvement budget. During his tenure with the Town of Davie, Mr. Bernard served as Chief Wastewater Operator, Assistant Utility Director, Capital Projects Coordinator, and Chief Engineering Inspector.

Lead Operator Wastewater Plant, City of Lauderhill, Lauderhill, FL (1976-1981). Mr. Bernard supervised the operations at a 4 MGD Wastewater Plant with sand filters with polishing pond for surface water discharge. He gained experience in dealing with governmental agencies, activity reports, payroll detailing and supervisory skills overseeing a staff of ten.

Plant Operator, Southern Gulf Utilities (1974-1976). Mr. Bernard began as an operator trainee and achieved both water and wastewater operator's licenses within one year. He worked to gain knowledge of field operation and plant design.

Plumbers Apprentice, Mears Plumbing (1972-1974). Mr. Bernard was responsible for installing rough and top-out installation in newly constructed residential units.

EDUCATION

Broward Community College, 1972

University of Michigan
Utility Management Course,
1979

CERTIFICATIONS

Certificate of Training –
Disaster Recovery

- Disaster Debris Management
- FEMA Emergency Management
- Utility Terrorism Preparation and Response
- Asphalt Pavement Maintenance

Licensed in Water and
Wastewater Plant
Operations

FDOT

- ACI Field Testing
- Final Estimates
- Traffic Construction
- Earthwork Construction Inspection Level 1
- Asphalt Paving Technician Level 1

Tina Carver
Administrative Assistant**SUMMARY**

Ms. Tina Carver currently assigned as Resident Compliance Specialist for the firm's D-4 CEI Services Staff. Ms. Carver has five years of experience as a Resident Compliance Specialist on FDOT projects managed through the Treasure Coast and Palm Beach Operations Centers

EDUCATION

High School Diploma, LIMS, CQR, EEO, and OSHA

EXPERIENCE PROFILE**OVERSIGHT CEI SERVICES LAP PROJECTS IN PALM BEACH COUNTY**

Ms. Carver serves as the Oversight Resident Compliance Specialist for federal aid projects administered by local agencies in Palm Beach County. In this role she is responsible for oversight of EEO compliance documentation assembled by the local agency using standard FDOT procedures and forms

Reference: Rick Peterson FDOT LAP Coordinator
Office: 561-370-1130

JUANITA AVENUE BRIDGE REPLACEMENT 2010

Ms. Carver served as the Resident Compliance Specialist on this bridge replacement project for Treasure Coast Operations. The project requires full compliance with EEO/DBE/OJT requirements and is ARRA funded and includes the additional ARRA requirements. Construction completion is scheduled for January 2011

Reference: Elizabeth Jett PE, FDOT Project Manager
Office: 954-486-1400

Palm Beach County: Forrest Hills Boulevard CEI 2010

Ms. Carver served as the Resident Compliance Specialist for the Forrest Hills Boulevard Improvement Project. Duties include; making sure all reporting for this ARRA funded LAP project is completed correctly and timely. Responsible for receiving and compiling EEO/DBE/OJT Files, as CEI for the local agency.

Reference: Rick Peterson FDOT LAP Coordinator
Office: 561-370-1130

**I-95 Bridge Deck Replacement over C-24 Canal
Port St. Lucie, Florida. 2009**

Ms. Carver served as the Office Manager for this project replacing the bridge deck on two I-95 bridges over the C-24 Canal in Port St. Lucie. Responsibilities include the administration of construction contracts, schedule review, maintenance of shop drawing logs and requests for information, review and recommendation on the acceptance of the contractor's monthly estimate

Reference: Dale Walker, FDOT Project Manager
Office: 772-465-7396

I-95 / Becker Road Interchange**Port St. Lucie, Florida. 2009**

Ms. Carver served as the Office Manager for the Construction of new a interchange at I-95 and Becker Road. The project includes a new bridge structure, existing bridge widening, lighting, traffic signalization and signing and markings, including utility construction and adjustments.

Reference: Dale Walker, FDOT Project Manager
Office: 772-465-7396

I-95 / Crosstown Parkway Interchange**Port St. Lucie, Florida. 2009**

Ms. Carver served as the Office Manager for the Construction of new a interchange at I-95 and Crosstown Parkway. The project includes a new bridge structure, existing bridge widening, lighting, traffic signalization and signing and markings, including utility construction and adjustments.

Reference: Dale Walker, FDOT Project Manager
Office: 772-465-7396

PREVIOUS EXPERIENCE**Billing Coordinator/Contract Record Specialist****Dunkelberger Engineering & Testing, Inc., Port St. Lucie, Florida Responsibilities - Dates 2004-2008**

Specialized in performing/assisting with project related duties on construction materials and testing projects. Experience includes EEO compliance, report preparation, pay estimate quantities, shop drawing submittals, recording public concerns, direct public relations and inspection on the job site (Indian River Drive Shoreline Restoration).

Under a FDOT District 4 (Indian River, Martin, St. Lucie, Palm Beach and Broward Counties, Florida) contract that provides area-wide construction materials and laboratory sampling, testing and reporting Ms. Carver assisted with LIMS and CITS with experience in excel, word perfect, and Deltek (financial program) also generated reports for invoice preparation and finale invoice. Inspection Services and Daily Reports.

Hurricane Cleanup Inspection and Monitoring Services.

Hurricane Fransis (2004), Hurricane Frances (2005), Indian River Drive Shoreline Restoration (2004-2006)

RCO/EEO**KCCS, Fort Pierce, Florida – 2003-2004****Orange Avenue/Kings Highway**

Responsible for EEO Compliance for District 4, incoming and out going correspondence, maintain firm's filing system according to company and FDOT standards, transcribe progress meeting minutes with updated percentages and dollar amount per the agenda, transcribe Development Review Board (DRB) meeting minutes, assist site manager with data entry, CQR, project progress and final estimates and tracking time extension.

Reference: ChloAnne Lawrence, FDOT Project Manager
Office: 772-465-7396, 7079

Trumbull Construction - 2002-2003

Assist with the project work orders, including gathering all necessary back up and additional information from FDOT computer website for State Wide Averages; attend all weekly progress meetings; transcribing and distributing the weekly meeting notes and agenda. I

D.J. Eidem**Senior Roadway Inspector****SUMMARY**

Mr. Eidem has over 12 years of construction engineering inspection experience, currently serving as the contract support specialist on the Crosstown Interchange at Interstate 95, and has served as senior inspector for FDOT projects in District 4, & 5. Responsibilities have included the oversight of project teams, ensuring that team members were aware of special issues related to the project and that all elements of the construction inspection process were identified and completed.

EDUCATION

Andrew College

EXPERIENCE PROFILE

Contract Support: American Consulting Engineers, 2007 -
Senior Inspector: American Consulting Engineers, 2006 -
Senior Roadway Inspector: PBSJ, 2004-2006.
Senior Roadway Inspector: Keith and Schnars, 2002 - 2004.
Senior Inspector: FDOT D4, Ft. Pierce Operations, 1999 - 02

QUALIFICATIONS

TIN: E350-160-73-066-0

Management

CTQP - QC Manager

CTQP - Final Estimates Levels I & 2

Asphalt

CTQP - Asphalt Paving Technician - Levels 1 & 2

Concrete

ACI - Concrete Field Technician - Level 1

ACI - Concrete Transportation Construction Inspection - Level 2

CTQP - Concrete Field Inspector Specification

Earthwork

CTQP - Earthwork Construction Inspection - Levels 1 & 2

Nuclear Safety Certification

Hazmat Certification

Maintenance of Traffic

ATSSA - Florida Advanced MOT

Environment

FDEP - Stormwater Management Inspector

FDEP - Dewatering Workshop

EXPERIENCE PROFILE**SENIOR BRIDGE & ROADWAY INSPECTOR /
ASSISTANT CONTRACT SUPPORT SPECIALIST****Palm Beach County: Forrest Hills Boulevard CEI:**

Mr. Eidem I is currently serving as the Senior Inspector / Asst. Contract support Specialist for the Forrest Hills Boulevard Improvements. Work for this \$ 4.9 M project consists of milling and resurfacing, drainage improvements, street lighting, utility upgrades, and sidewalk improvements. Contact: Rick Peterson @ 561-370-1130

**I-95 / Crosstown Parkway Interchange at Interstate 95,
Segment 5, Port St. Lucie, Florida.** Current to Nov '07

Construction of new interchange at I-95 and Crosstown Parkway provides new bridge structure, existing bridge widening, pavement marking, signalization, lighting, and

utility construction. Tracked quantities and performed estimating duties for the monthly estimate and final estimate.

Reference: Dale Walker, FDOT Project Manager
Office: 772-465-7396, Ext 7079

**Cross-Town Parkway Corridor at Florida Turnpike,
Segment 3, Port St. Lucie, Florida.** March '06 - Nov '07

This project included a six-lane divided roadway section and a six-lane bridge. Precast prestressed concrete beams spanning almost 128 ft supported by decorative arch and column piers were used to carry traffic over Florida's Turnpike and South Macedo Blvd. Varied skew angles were required to accommodate the Turnpike lanes as they approached the nearby service plaza. Both end bents were wrapped in MSE retaining walls to minimize fill and R/W requirements. Tracked quantities and performed estimating duties for the monthly estimate and final estimate.

Reference: Dale Walker, FDOT Project Manager
Office: 772-465-7396, Ext 7079

SENIOR ROADWAY INSPECTOR**State Road 60 Corridor, Vero Beach, Florida**

(FIN 228568-1-52-01, 228595-1-52-01, 228596-1-52-01, & 228597-1-52-01) March '06 to March '04

Mr Eidem served as Senior Roadway Inspector for multiple corridor projects for SR 60. The corridor projects consisted of surcharged embankment, widening to a divided 4-lane section consisting of new drainage, subgrade, base, and asphalt. Performed various assigned tasks including MOT and verification of quantities. Responsibilities included the management of the inspection team, ensuring that various issues on the project were addressed and that all operations of the inspection team were covered. Completed final inspection of pay items and performed measurements for final project payment.

Reference: Project Engineers: Teresa Driskell, PBS&J
772-778-2894

SR 500 Four Lane and Bridge Replacement

(FIN 237458-1-52-01) March '04 to Sept '03

Mr Eidem provided roadway inspections of asphalt, base rock, subgrade, embankment, drainage structures and construction of a multi span AASHTO bridge and guardrail; performed verification testing of earthwork density and concrete; assisted with monthly estimates.

Reference: Project Engineers: Ken Hill
Ed Mackewiecz

SR 5 & Pineda Causeway (FIN 409162-1-52-01)

Sept '03 to June '03

Mr. Eidem performed roadway inspection tasks including; earthwork with cross slope inspection, rock base, asphalt structural, and friction course, guardrail signals and signs. Prepared daily dairies and calculated quantities for the monthly estimate. Also performed final measuring of the job and assisted with the final estimate.

Reference: Glenn Bridges, FDOT Project Manager
JBS: 407-359-6437

Route A1A in Vero Beach, Florida (FIN: 228604-1-52-01)

June '03 to Jan '03

Performed pipe placement and earthwork densities; inspected asphalt structural and friction coarse, sod & plants, brick pavers, signals, signing and striping. Prepared daily diaries, performed final measurement of the job and assisted project engineer with the final estimate.

Reference: John Nelson, FDOT Project Manager
Office: 772-465-7396
Dewey Oliver, FDOT Project Engineer

SR 5 Sebastian, Florida (FIN 228603-1-52-01)

Jan '03 to March '02

Inspection of structural asphalt and friction courses, pipe liner, concrete (& testing), signals & signs and the completion of the daily dairies; performed final measuring of the job and assisted with the final estimate.

Reference: John Nelson, FDOT Project Manager
Office: 772-465-7396
Dewey Oliver, FDOT Project Engineer

SR 70 and Rim Ditch

Oct '99 to Oct '00

Mr Eidem provided earthwork pipe placement, asphalt concrete and pile driving inspection; conducted testing on concrete, asphalt and pipe densities; assisted with monthly estimates; and final measurements and the final estimate.

Reference: Dale Walker, FDOT Project Engineer
Office: 772-465-7396, Ext 7079

SR 9 and Gatlin Blvd

March '99 to Oct '99

This project mill and resurface project of the on and off ramps with widening of the off and on ramps. Landscaping of the slopes on the overpass, also observed the clearing and grubbing of the non-native vegetation. Assisted with the monthly and final estimates along with collecting the final quantities.

Reference: John Nelson, FDOT Project Engineer
Office: 772-465-7396

SENIOR ROADWAY INSPECTOR**Florida Department of Transportation****District 4, Ft Pierce Operations Center, Ft Pierce Florida****17th Street, Vero Beach, Florida**

March '02 to Jan '02

Mr. Eidem performed inspection: concrete removal, placement and testing, MOT and signalization; also provided training of new roadway inspectors on project.

Reference: Gerrit Barber, FDOT Project Engineer

17th Street Bridge Rehabilitation, Vero Beach, Florida

Jan '02 to Sept '01

Mr Eidem performed inspection of, verified correct procedure for and proper material used in spall removal and repair; entered measurements, calculations and other data to the engineering program. Assisted project engineer with final measurements and the final estimate.

Reference: Dale Walker, FDOT Project Engineer
Office: 772-465-7396, Ext 7079

Sebastian Inlet Bridge Rehabilitation, Sebastian, Florida

Sept '01 to March '01

Mr Eidem instructed roadway inspectors in the proper method of conducting spall measurements; performed concrete testing and inspected cathodic protection installation on bridge footings; performed conduit measurements for the electrical system on this new cathodic protection program.

Reference: Dale Walker, FDOT Project Engineer
Office: 772-465-7396, Ext 7079

SR 618 (St Lucie Boulevard), Ft Pierce, Florida

Oct '00 to March '01

Mr Eidem performed asphalt, concrete, and pipe placement inspection; conducted necessary concrete and density testing; and assisted in the completion of the final measurement and final estimate for the project.

Reference: Randy Scott, FDOT Project Engineer



ROBERT GONZALEZ

Chief Mechanical Plans Examiner

SUMMARY OF QUALIFICATIONS

Mr. Gonzalez has more than 12 years of experience as Mechanical Plans Examiner and mechanical inspector. His responsibilities include mechanical inspections and plan review of municipal and private projects to assure compliance with the South Florida Building Code.

EXPERIENCE

Chief Mechanical Plans Examiner and Inspector, Calvin, Giordano & Associates, Inc., Fort Lauderdale, FL (2007)

- Responsibilities include the supervision of all mechanical plans examiners and inspectors
- Review and approval of residential, commercial, and industrial type of projects to comply with the Florida Building Code.

Chief Mechanical Inspector, CSA Group, Weston, FL (9/2005-2/2007)

- Reviewed all residential, commercial and industrial plans for compliance with the Florida Building Code.
- Inspected mechanical installation for compliance with approved plans for final sign off.

Mechanical Inspector, Mechanical Plans Examiner, Broward County, Fort Lauderdale, FL (7/1994-9/2005)

- Conducted plan examination for the City of Dania and Miramar.
- Review all documentation to comply with the Florida Building Code and Mechanical Code.
- Conducted inspections on residential, commercial, and industrial projects.

Mechanical Designer I, CES Consulting Group Inc., Pompano Beach, FL (1992-1993). Designed cooling and heating load calculations for residential and commercial projects.

President, USA Construction Inc., Miami, FL (1990-1991). Remodel several residential projects.

Vice President, American Hood Installation & A/C Corp, Miami, FL (1988-1989)

- Sales and installation for various commercial, residential projects
- Installation of commercial kitchen hoods
- Sales of various projects sold internationally

Mechanical Manager, R.V. Air Conditioning, Inc., Hialeah, FL (1981-1987)

- Installation of Air Conditioning and Refrigeration Units for Residential, Commercial and Industrial projects.
- Supervision of employees for various construction projects
- Designed mechanical plans to meet the minimum standards for the various codes for Metro Dade County, Broward County, and West Palm Beach.

EDUCATION

Bachelor of Arts, St.
Thomas University, 1984

LICENSES AND CERTIFICATIONS

Department of Professional
Regulation Class A Air
Conditioning Contractor's
License, 1987

Department of Professional
Regulation, Mechanical
Contractor's License, 1991

Department of Professional
Regulations, Sheet Metal
Contractor's License, 1992

Department of Professional
Regulation, General
Contractor's License, 1993

Ferris State University
Certificate, Universal
Technician, 1995

Department of Business and
Professional Standard
Inspector, BN2330, 2005

Department of Business and
Professional Standard
Inspector, PX1463, 2005

International Code Council
Residential Combination
Inspector, 5166039-R5

Certified by Broward County
Board of Rules and Appeals



Jack S. Knowlton, PE Sr. Project Engineer

SUMMARY

Mr. Knowlton has more than 30 years of professional experience in construction management, construction engineering and inspection, constructability reviews, claims assistance, estimating, transportation planning, and design. His clients include Department of Transportation, Walt Disney Corporation, County and City agencies and private developers throughout Florida. He has been a Sr. Project Engineer, for over 20 years. As an Expert Witness on over a dozen FDOT projects and a member of the ASCE Construction Division's National Specification Committee (10 years) and Claims Avoidance & Resolution (current), he has gained insight to avoid and resolve project issues. Mr. Knowlton's materials experience includes all aspects of concrete repair and cathodic protection. He is a former Associate Member of ACI National Committee 222 Corrosion of Metals in Concrete and Chairman of the Suncoast ACI Technical Committee)

EDUCATION

BSCE, Civil Engineering, Univ. of South Florida, 1982
B.A., Zoology, University of South Florida, 1976

PROFESSIONAL REGISTRATIONS

Florida PE #41061

EXPERIENCE PROFILE

Senior Project Engineer: American Consulting Engineers, 2009-Present

Senior Project Engineer: Wilson Miler, 2007-2009

Senior Project Engineer: Western Florida Operations Mgr., Eisman & Russo, Inc. 2004-2007

Owner: Knowlton Consulting, 2001-2004

Senior Project Engineer: HDR-Construction Control Corporation, 1998-2001

Manager, Florida Construction Services: Berryman & Henigar, Inc., 1997-1998

Manager, Florida Construction Service and Walt Disney World Infrastructure Services; Michael Baker Corporation, 1994-1997

Sr. Project Engineer: H. W. Lockner, Inc., 1992-1994

Statewide Claims Assistance / Turnpike GEC Deputy Construction Manager: Parsons Brinkerhoff Construction Services, Inc, 1989-1992

Utility Coordinator/Contracts Administrator: Parsons Brinkerhoff Quade & Douglas, Inc., 1988-1989

Materials Engineer/Office Engineer: Parsons Brinkerhoff Construction Services, Inc., 1982-1988

QC Manager: Florida Mining & Materials Corp., 1982

CONTINUING EDUCATION

ATSSA Advanced MOT

CTQP Asphalt 1 & 2

LIMS

CTQP Final Estimates 1 & 2

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers (ASCE)

American Concrete Institute (ACI)

PROJECT EXPERIENCE

FDOT District 1: Two ARRA Enhancement projects on SR 789 in Bradenton Beach & Longboat Key. (8/09 to 6/10) Projects received letters a appreciation for local residents. Contact Albert Rosenstein @ Sarasota Operations 941-359-7300.

FDOT District 7: SR 54 / SR 56 Reconstruction, east of US 41 to I-75, Pasco County, Florida. (8/08 to 3/09) Mr. Knowlton served as Senior Project Manager providing CEI services for approximately 3.5 miles of urban reconstruction of existing four lanes on SR 56 and SR 54 to six lanes in one year. Contact Brian McKishney, PE @ 813-974-5000.

FDOT District 1: District Wide Structures CEI. (1/07 to 4/09) Mr. Knowlton served as Senior Project Engineer for miscellaneous structures repairs and upgrades throughout the District including cathodic pile jackets, painting, bridge deck repairs, joint replacements, and sign installations. This project also included the record-setting I-75 / US 301 emergency replacement of two spans destroyed in a fire from a fuel tanker crash. Contact Jay Alkatib @ 813-744-6050.

FDOT District 7: Sunshine Skyway Painting and Repairs, Hillsborough County, Florida. (1/07 to 8/08) Repainting of the cables, barrier walls, replacement of the lights, and repairs to the stressing jacks Contact Jay Alkatib @ 813-744-6050.

FDOT District 4: I-95 Resurfacing and Bridge Repairs, Broward County, Florida. (Jan 2005 to Dec 2006) Mr. Knowlton served as Senior Project Engineer providing CEI services for the repaving of three sections for I-95 from Ft. Lauderdale to Pompano, 8 and 10-lane sections with minor bridge rehabilitations, lighting and signalization repairs and upgrades. Contact Pete Nissen, PE @ 954-777-4384.

FDOT District 7: SR 688/Ulmerton Road, east of Oakhurst Road to east of 119th Street, Pinellas County, Florida. (June 2004 – Dec 2006) 3.5 miles of

4 to 6 lane urban reconstruction. A+B Bid and No Excuse Bonus contract. Contact Patrick Stanford, PE @ 813-233-3836.

FDOT General Counsel: Expert Witness. (10/01 to 6/04) Expert Witness for FDOT General Counsel for S & E litigations. Claims exceeded \$22 million. FDOT paid \$3.2 million. No one left at FDOT on project.

FDOT District 7/City of Largo: West Bay Drive Improvements and Widening, Largo, Florida. (1/01 to 4/01) Joint FDOT/City of Largo project to create a signature "Downtown" roadway and hardscaping area. Contact Jim Moulton, PE @ 813-974-5000.

Florida's Turnpike Enterprise: Polk Parkway CEI Management, Tampa, Florida. (9/00 to 3/01) Sr. Project Engineer for the completion of the Polk Parkway, including reconstruction of Florida Avenue, a steel beam bridge over SR 98, and utility JPA. Contact Jim Moulton, PE @ 813-974-5000.

Osceola County: Pleasant Hill Road, Osceola County, Florida. (8/97 to 10/98) Mr. Knowlton served as Manager, Construction Services and was responsible for two roadway improvement contracts totaling \$14M in a fast-growing section of southern Osceola County.

FDOT District 1: District-Wide Claims and Litigation Support. Mr. Knowlton was the Project Manager, Sr. Claim Analyst and Expert Witness for this 2 year contract with 9 claims and 1 trial.

WALT DISNEY WORLD PROJECTS (9/94 to 6/97)

Ready Creek Bridge, Orange County, Florida. Mr. \$10 million, 1200-foot, four-lane bridge using 'top down' bridge construction through environmentally sensitive wetlands. Completed six months early and \$800,000 under budget.

Osceola Parkway, Orange County, Florida. \$20 million limited access highway. This project also included, entrance and ticket collection buildings, fiber optic communications, and high voltage underground power. This project was completed four months ahead of schedule and \$1 million under budget.

Osceola Parkway Extension, Orange County, Florida. Extension to a limited-access highway that serves as the entrance to Walt Disney World's Animal Kingdom. The project was completed six months ahead of schedule and \$1 million under budget.

Little Lake Bryan, Orange County, Florida. Mr. Knowlton served as Senior Program Manager for a 300-acre apartment and commercial development including a \$4.9 million recreation facility for Disney staff.

City of Celebration, Osceola County, Florida. Ongoing development that will house 30,000 residents and includes commercial and retail lots. Included infrastructure and ancillary buildings.

Victory Way, Orange County, Florida. Widening of a one mile long, two-lane roadway to a four-lane divided highway that serves as the entrance to Disney's Wide World of Sports. This project was completed in 10 weeks including bidding and contracting.

Florida's Turnpike Enterprise: Veterans Expressway (Section 5), Tampa, Florida. (7/92 to 9/94) Resident Engineer for an \$18M section from Linebaugh Avenue to Ehrlich Road, which included five bridges including the 275-foot steel span bridge over Gunn Highway. This was one of only two of the eight sections that received acceptance at the Grand Opening. Contact Jim Moulton, PE @ 813-974-5000.

Florida's Turnpike Enterprise: Construction GEC Contract. (9/91 to 5/92) Deputy Construction Mgr. As QA Manager, he was responsible setting up the original office, developing procedures, and original logistical procurement for overseeing the QA reviews of all 27 Turnpike CEI consultants.

OOCEA: Eastern Extension, Orlando, Florida. (8/87 to 9/88) Office Engineer / Materials Engineer for Sections 101, 102 & 301 totaling \$39M for the widening of existing expressway, concrete overpass bridges and curved steel beam flyover bridges for the start of the Eastern Extension in Orlando.

FDOT District 1: Sunshine Skyway Bridge, Tampa Bay Florida. (3/82 to 8/87) Mr. Knowlton advanced from Sr. Inspector to Materials/Instrumentation Engineer for three contracts totaling \$250M including heading the \$1.5 million forensic investigation & instrumentation program. The longest precast cable stayed bridge in the world included balanced cantilever back spans, span by span sections and AASHTO girder spans as well as ship collision structures. He oversaw all materials operations including specialized materials for repairs and grouting. Mr. Knowlton took the project from concrete mix designs through the final estimate. Contact Mr. Glen Ivey, PE @ 813-289-5300.

FDOT District 3: Apalachicola Bay & River Bridges, Location, Florida. (8/86 to 10/86) Casting Yard Engineer for this \$47M project. He was responsible for set-up of FDOT approved lab for approval of piling and AASHTO girders. Components included AASHTO girders and hollow piling (24 and 30 inch).



Florida Department of Transportation's
Construction Training Qualification Program

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
K54347753	Asphalt	Asphalt Paving Technician - Level 1	11/2/2015
K54347753	Asphalt	Asphalt Paving Technician - Level 2	11/4/2015
K54347753	Management	Final Estimates - Level 1	9/24/2012
K54347753	Management	Final Estimates - Level 2	9/24/2012
K54347753	Management	QC Manager	11/12/2014

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SALVATORE TED LICITRA

Chief Electrical Inspector

SUMMARY OF QUALIFICATIONS

Mr. Licitra has more than 20 years of experience as an electrical inspector. Responsibilities include electrical inspections and plan review of municipal and private projects to assure compliance with the South Florida Building Code and the National Electric Code within the jurisdiction of the Broward County Board of Rules and Appeal.

EXPERIENCE

2007-Present: Chief Electrical Inspector, Calvin, Giordano & Associates, Inc., Fort Lauderdale, FL

- Chief Electrical Inspector at Pembroke Pines and West Park; Review and approve all commercial, residential, pools, and industrial plans for permit approval.
- Inspect commercial, industrial, and residential buildings to ensure the work was in accordance with the Florida Building Code.

2006-2007: Chief Electrical Inspector, Capri Engineering, West Palm Beach, FL

- Major projects inspected included Marina Grande 264 units, Condominium Twin Tower, 26 Story high rise building in Riviera Beach
- Performed all the electrical rough inspections and finals on this project.
- Inspected all the units and common areas including fire pumps, boilers, roof top A/C units and main electrical rooms.
- Inspected commercial, industrial and residential buildings to ensure the work was in accordance with the Florida Building Code and the National Electrical Code.

1985-2006: Chief Electrical Inspector/Plans Examiner/Supervisor, Broward County, Fort Lauderdale, FL

- Inspected commercial, industrial and residential buildings to ensure the work was in accordance with the Florida Building Code and the National Electrical Code.
- Supervised inspectors and plans examiners for all inspections and plan reviews.
- Review and approved electrical plans for permit approval.
- Some major projects included renovations and new terminals for the Fort Lauderdale-Hollywood International Airport, The rental car facility, 8 story parking garage, rental car facility that included parking on all levels including 64 gasoline dispensers on the bottom level, Resource recovery plants

1969-1985: Journeyman Wireman, IBEW Local Union, Hollywood, FL

- Installed various electrical work for residential, commercial and industrial projects.

LICENSES

Department of Business and Professional, Master Electrician, EC000228

Department of Business and Professional Standard Plans Examiner, PX169, 2005

Department of Business and Professional Standard Inspector, BN361, 2005

Certified by Broward County Board of Rules and Appeals

PROFESSIONAL ASSOCIATIONS

Member of the Board of Directors International Association of Electrical Inspectors

Brian J. Mirson, PE, AI CP
Principal-In-Charge**SUMMARY**

Mr. Mirson has over 36 years of experience as a specialist in environmental planning and transportation engineering. Over the last 15 years, Mr. Mirson has been in the forefront of efforts to introduce enhancements into transportation corridors that complement the communities they serve while minimizing environmental impacts.

Mr. Mirson served as Project Manager of construction for the Metropolitan Dade County Transportation Administration in Miami, Florida. He managed all activities related to fabrication and erection of 2,500 innovative pre-stressed concrete guideway girders for the entire twenty-mile MetroRail rapid transit system. He managed all north corridor construction for twelve miles of elevated guideway line-section support structures, and eight elevated passenger stations and all demolition work and right-of-way clearance activities. He also supervised activities of 49 engineers managing these contracts with responsibility for coordination with all departments and agencies concerned, reviewed and certified contractors' drawings, changes, claims and pay requests, conducted negotiations and periodic progress meetings, and advised management on all aspects of girder and North Corridor progress. Mr. Mirson was also responsible for all scheduling activities related to the coordination of contracts and implementation of individual contracts.

Mr. Mirson served as Area Manager of construction for Miami's Metrorail rapid transit system. He managed all north corridor construction for twelve miles of elevated guideway line-section support structures, and eight elevated passenger stations, demolition work and right-of-way clearance activities.

EDUCATION

B.S. Civil Engineering, University of Iowa
Professional Engineering Training Program, Florida
Department of Transportation

PROFESSIONAL REGISTRATIONS

21 Years in Planning, Engineering and Construction
Management, including seven Years in the Public Sector.

Florida PE #0030729	Ohio PE #E62662
Michigan PE #6201043433	Indiana PE #19700543
Kentucky PE #19708	

PROJECT EXPERIENCE**Mr. Mirson has served as the Principal-in-Charge for the following Construction Administration, Inspection and Management Projects**

- Juanita Bridge Replacement, Palm Beach County
- D4: Oversight CEI for LAP Projects, Palm Beach County
- Coral Creek CEI, Charlotte County
- I-95 Bridge Deck Replacement, City of Port St. Lucie
- I-95 over C-24 Canal, City of Port St. Lucie
- I-95 Becker Road Interchange, City of Port St. Lucie
- I-95 Crosstown Parkway, City of New Port Lucie
- Gatlin Blvd. CEI, City of New Port Lucie
- Forrest Hill Boulevard Interchange CEI, City of Port St. Lucie
- SW 120th Street/Turnpike Interchange, Dade County
- Brickell Bridge Replacement, Miami
- Biscayne Boulevard Reconstruction, North Dade County
- Mainline Turnpike Bridge Widening and Resurfacing, Central and South Florida
- I-95 Pavement Restoration, Dade County
- Fleet Maintenance Facility, Hialeah
- Better Way Facility, Miami
- Jobs Corps Facility Renovations, Miami
- Farmers Market Facility, Hialeah
- Merrick Shops and Garage, Coral Gables
- Buckey Dent Water Park, Hialeah
- Sylvania Heights Elementary School Expansion, Miami
- Hiatus Road, Tamarac
- Department of Corrections Prison Facility, Homestead
- Hurricane Charley Emergency Repairs, Charlotte County
- Construction Management Services, St Lucie County

Las Olas Boulevard SPN: 86050 3500, Mr. Mirson served as Consultant Project Manager for the rehabilitation of Las Olas Boulevard in Broward County. The project is sited within the City of Ft. Lauderdale and extends approximately one mile west of the Atlantic Intra-coastal Waterway. The project addressed local flooding, utility replacements and subsidence due to weak foundation soils and included a new bulkhead along residential canals signalization and urban hardscape. A closed drainage system using 18, 24, and 36, inch concrete pipe was constructed to alleviate local flooding. A 16" DIP water main, 8" PVC water main, and 6" PVC gravity sewer were constructed under joint project agreements. Roadway widening to the inside and outside was constructed to install curbing and provide a bike lane throughout the project limits. An existing sea wall along the north right-of-way will be reconstructed. Geotextiles were installed to stabilize sub soil and control differential settlement. Milling and resurfacing operations included installation of rubberized interlayers to further control future pavement deflections. Extensive landscaping, decorative (Victorian) roadway lighting, and a pedestrian walkway above the reconstructed bulkhead complete the project.

SR-5, US 1 From NE 122nd Street to NE 135th Street. SPN: 87030 3568 Mr. Mirson served as the Consultant Project Manager for the improvement of the Biscayne Boulevard corridor in northeast Miami-Dade County. The project addressed local flooding, increased capacity, and improved operational safety. The existing 4 lane concrete pavement was converted to a six lane divided urban section with extensive landscape and hardscape features. A french drainage system or storm sewer with deep injection wells were constructed using 42 inch and 72 inch concrete pipe and 150 ft deep injection wells. The bridge crossing Arch Creek was replaced to increase vertical and horizontal clearance. Bridge elements include 24 inch pre-stressed pile, AASHTO beams with a cast in place deck and concrete pile bulkheads at abutments and articulated block mats and rubble rip rap for environmental restoration.

Crosstown Parkway Segment 3 Mr. Mirson served as the Project Manager for construction of a 1.5 mile urban parkway and new bridge crossing Florida's Turnpike. CEI services include administration of the contract, coordination with utilities, environmental coordination, construction inspection and verification testing of construction materials. The six lane section includes environmental mitigation, removal of unsuitable material, embankment, base and superpave asphalt concrete. Project drainage is conveyed by median curb and cutter or roadside swales to a closed drainage system using 18 to 60 inch pipe out falling to retention ponds. The bridge is founded on 24 inch pile and pier caps supporting 5 piers at each bent. The superstructure uses AASHTO Type IV beams from 90 ft to 125 ft in length with a continuous concrete deck. Three signalized intersections are included in the project. Three signalized intersections are included in the project. Parkway features include a 8 ft multiuse pathway, bicycle lanes, hardscape crosswalks and traffic separators, privacy berms, extensive landscape and an irrigation system.

Metro Dade County Transit Agency: MetroRail Construction Management and Inspection. At the Miami-Dade Transit Agency, Mr. Mirson served as Area Manager for construction of a heavy rail transit system. He directed construction engineering and inspection personnel responsible for contract administration and construction inspection of 8 transit station structures, 12 miles of guideway piers 2 at grade sections of track bed He also collaborated in the development of the MDTA Bridge Inspection Program and implemented a quality control training program for field inspection personnel.

Tom Muzicka PE GC
SR. Project Engineer**SUMMARY**

Tom Muzicka has over 34 years of experience has a Project Manager for Construction and Maintenance Programs including 27 years experience with FDOT projects. Mr. Muzicka's experience includes extensive experience with major bridges, utility relocation, heavy rail construction, building construction and General Consultant Experience

EDUCATION

Bachelor of Science Construction Management 1986

Associate of Science Civil Engineering Technology 1977

EXPERIENCE PROFILE

Senior Construction Manager, American Consulting Engineers of Florida, LLC, 2006-Present

Deputy Director Construction: Dade Transportation Consultants, 2002-2006

President: Concrecel Lightweight Concrete, 2000-2002

Director Construction Services Carr Smith Corradino, 1990-2000

Utility Relocation Engineer: I-595, 1986-1990

Chief Facilities Quality Control: Metro-Dade Transit Agency, 1980-1986

Project Engineer: Jersey Technologies Laboratories, 1976-1980

Qualifications

Florida Professional Engineer

Florida General Contractor

TIN M220-821-54-190-0 See attached CTQP Report

Senior Member American Society for Quality Control

ATTSA Florida Advanced Work Zone Traffic Control

Critical Structures Issues & Supplements

LIMS Module

Certified OSHA Instructor

Nuclear Gauge Operations, Radiation Safety Officer, HazMat

FDOT District 4: CEI for Design-Build of Juanita Avenue Bridge, St. Lucie County (FMN: 426209-1-52-01) - Mr. Muzicka served as Project Administrator on this bridge replacement project for the Treasure Coast Operations. The bridge was replaced utilizing the design-build contract delivery method. The project included adjustment of complex utility systems and crossed a tidal waterway. The bridge was founded on 18" square pile and utilized flat slab units with a fiber mesh concrete topping in the superstructure.

FDOT Reference Elizabeth Jett PE: (954) 486-1400

Design-Build of MDX 83616 Miami Dade Expressway Authority SR 836 Extension From NW 107th Ave to NW 137th Ave; W 137th Ave From SW 8th St to NW 12th St project. Muzicka supervised development of conceptual estimates and schedules for a \$137M design-build project for a three mile extension of urban expressway and construction of 1.5 miles of six lane urban arterial. Mr. Muzicka assisted agency personnel in evaluation of design build proposals, provided constructability reviews of phase submittals and conducted oversight of the consultant CEI during construction. The steel bridges incorporated tub girders and integral steel pier caps founded on spread footings. The bridge structures

included railroad crossings, highway crossings and water crossings on super elevated curves. Bridges 1, 2, & 3 were multi-span curved steel structures at interchange ramps between 70 and 250 ft long. Bridges 5 and 6 were simple spans crossing a rail spur. Bridges 8 and 9 were complex five span structures with reverse curvature. **MDX Reference: Alfred Lurigados PE 305.637.3277**

Design-Build of MDX 83612 Miami Dade Expressway Authority SR 836 WB Connection to Southbound HEFT Mr. Muzicka supervised development of conceptual estimates and schedules for a \$ 35M design-build project to add lanes and realign for future extension. Mr. Muzicka assisted agency personnel in evaluation of design build proposals, provided constructability reviews of phase submittals and conducted oversight of the consultant CEI during construction. The project included replacement of an AASHTO beam bridge and construction of two steel girder bridges. The steel bridges incorporated steel tub girders and integral post tensioned pier caps founded on spread footings. The bridge crossing SR 836 Eastbound was a 324 foot two span structure with a continuous concrete deck. The bridge crossing Florida's Turnpike was a 440 ft three span curved structure with a continuous concrete deck. **MDX Reference: Alfred Lurigados PE 305.637.3277**

Dade Transportation Consultants: General Engineering Consultant for Miami Expressway Authority, Dade County, FL. The \$859 million dollar five-year work program included reconstruction and expansion of the five expressways in the MDX system. In his role as Deputy Director for Construction, Mr. Muzicka was in direct responsible charge of all consultant activities relating to the construction and maintenance programs. **MDX Reference Alfred Lurigados PE 305.637.3277**

FDOT District 4: CEI Oversight Services for Lap Projects Palm Beach County, Florida. Mr. Muzicka served as the Project Administrator for this project. American was selected to provide CEI Oversight services to assist FDOT in the administration of Local Agency Program (LAP) projects in Palm Beach County. The services require monitoring and compliance with the applicable FDOT and FHWA provisions for; EEO/OJT/DBE compliance, materials verification, construction inspection administration of payments and changes to the contract. The projects are funded by FDOT and managed by local agency personnel. American often mentors municipal staff to ensure they become familiar with program requirements and avoid compliance issues so the projects are fully funded. The typical projects include; bridge repair, drainage improvements, sidewalk construction, traffic calming, pedestrian safety improvements, lighting and landscape installation. **FDOT Reference Rick Peterson 561-370-1130**

Village of Wellington: Forrest Hills Boulevard CEI. Mr. Muzicka is served as the CEI Project Manager for the Forrest Hills Boulevard Improvement. Work for this \$ 4.9 M project consists of milling and resurfacing, drainage improvements, street lighting, utility upgrades and sidewalk improvements.

Duties include coordinating ARRA reporting and supervision of staff responsible for administering the contract, monitoring EEO compliance, inspecting the work or performing verification sampling and testing in accordance with contract documents. **FDOT Reference Rick Peterson 561-370-1130**

I-95 Crosstown Parkway Interchange/C-24 Bridge Deck Replacement \$30.7M Mr. Muzicka served as CEI Project Manager on this project. American provided CEI services for the construction of a new tight diamond urban interchange connecting the City of Port St Lucie's Crosstown Parkway with I-95. This project includes; new alignment interstate interchange construction, a new 264 foot long two span AASHTO bridge crossing I-95, removal and replacement of the existing bridge decks for I-95 Bridges crossing the C-24 Canal, widening the existing I-95 SB Bridge crossing the C-24 Canal and construction of .6 miles of a six lane divided arterial highway along Crosstown Parkway. Roadway construction included; 16" water main installation, drainage, roadway embankment and lime rock base, concrete curb and gutter, asphalt concrete pavement, lighting, signalization, pavement markings and incidentals. Bridge construction included 18" and 24" driven pile foundations, mass concrete piers and bent caps, construction of MSE retaining walls, prestressed beams and cast in place concrete deck. **Project Reference: Dale Walker: 772-465-7396**

I-95 / Becker Road Interchange / Becker Road Roadway Improvement \$35.4M Mr. Muzicka served as CEI Project Manager on this project. American provided CEI services for the construction of a new interchange at I-95 and Becker Road. This project includes; New alignment interstate interchange construction utilizing a tight urban diamond configuration requiring construction of a new 250 foot long two span AASHTO bridge crossing I-95, widening two existing I-95 Bridges crossing the C-23 Canal and construction of 1.3 miles of a four lane divided arterial highway along Becker Road. Roadway construction included; water and sewer installation, drainage, roadway embankment and lime rock base, concrete curb and gutter, asphalt concrete pavement, lighting, signalization, pavement markings and incidentals. Bridge construction included 18" and 24" driven pile foundations, mass concrete piers and bent caps, construction of MSE retaining walls, prestressed beams and cast in place concrete deck. **Project Reference: Dale Walker: 772-465-7396**

Cosstown Parkway Segment 3, \$ 27.5M Mr. Muzicka served as CEI Project Manager on this project. American provided CEI services for the construction of a new bridge for Crosstown Parkway over Florida's Turnpike at Mile Post 142. This project includes; a new 600 foot long AASHTO bridge structure crossing Florida's Turnpike through the St Lucie Service Plaza at MP 142. The structure included 24" driven pile foundations, mass concrete piers and bent caps, construction of MSE retaining walls and utilized type IV prestressed girders up to 125 ft long. The project also included construction of 1.2 miles of a six lane arterial highway along Crosstown Parkway. Roadway construction included; 16" water main installation, drainage, roadway embankment and lime rock base, concrete curb and gutter, asphalt concrete pavement, lighting, signalization, pavement markings and incidentals **Project Reference: Patricia Roebing PE 772.871.5177**

SR-5, US 1 From NE 122nd Street to NE 135th Street. SPN: 87030 3568 1991-1993. Mr. Muzicka served as the Project

Administrator for the improvement of the Biscayne Boulevard corridor in northeast Miami-Dade County. The project addressed local flooding, increased capacity, and improved operational safety. **FDOT Reference: Jim Sumoski PE 305.375.2694**

Brickell Avenue Bascule Bridge Replacement SPN 87006-3502. Mr. Muzicka served as the Project Administrator for the replacement of the US-1 Brickell Avenue Bascule Bridge, crossing the Miami River. The project replaced the existing four-lane bridge with a six-lane structure within the existing right of way. The project includes; demolition and removal of the existing span, construction of the foundation system and bascule piers, construction of the bascule and approach spans, construction of sea walls and bulkheads, installation of the bridge machinery and control systems. **FDOT Reference Gus Graupera PE 305.824.8845**

Florida's Turnpike Minor Bridge Repairs Southern Section 1995-1996 SPN: 9790 1323/3323 Mr. Muzicka served as the Project Administrator for minor bridge repair and guardrail rehabilitation projects at various locations between Florida City and Fort Pierce along the main line Turnpike including locations along the Sawgrass Expressway in Broward County. **FDOT Reference Paul Wia PE 954.975.4855**

Las Olas Boulevard SPN: 86050 3500., Mr. Muzicka served as the Project Administrator for rehabilitation of Las Olas Boulevard in Broward County. The project included construction of gravity sewer, installation of a 16" water main, closed drainage system, roadway reconstruction installation of a concrete sheet pile bulkhead, lighting, traffic signalization, landscape and urban hardscape. **FDOT Reference Jennifer Olsen PE 954.975 4855**

Building Experience

Chief Facilities Quality Control: Responsible for oversight of structural inspectors and coordination of electrical mechanical and plumbing inspectors. Responsible for managing materials testing and the materials acceptance program for 20 elevated rail rapid transit stations for the Miami Metrorail.

Project Engineer Owners Representative: Coordinate code inspections and material inspections. Perform progress inspections process shop drawings and administer the contract. Selected projects include;

MDC Wolfson Parking Garage; 10 story 1 city block cast in place concrete frame with post tensioned slabs.

Hialeah Fleet Maintenance Facility; 50,000 sf fleet maintenance facility to accommodate passenger car and heavy truck repair

North Miami Administrative Complex; 90,000 sf 3 floor building complete interior renovation, new roofing, and new impact windows

Coral Gables Merick Park Garage; 5 Story 1 City Block PSI Joist and Soffit frame with precast double tee deck

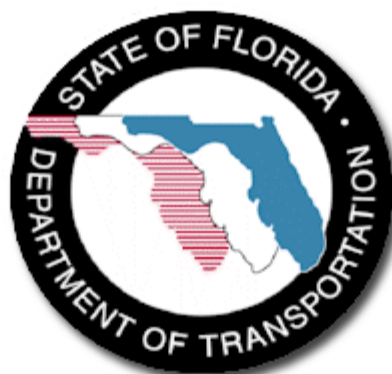
Seminole Tribe of Florida Headquarters; 100,000sf 4 story new administrative offices for the Seminole Tribe.

General Contractor; Manage construction of 2 story 3 or 4 bedroom townhouse projects.

Hampshire Homes; 6 Units Coral Springs Florida

Las Rosas; 11 Units Coconut Creek Florida

610 Condominium; 15 units Miami Florida



Florida Department of Transportation's
Construction Training Qualification Program

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
M22082154	Asphalt	Asphalt Paving Technician - Level 1	11/17/2013
M22082154	Asphalt	Asphalt Paving Technician - Level 2	11/19/2013
M22082154	Earthwork	Earthwork Construction Inspection - Level 2	5/1/2014
M22082154	Geotech	Drilled Shaft Inspection	1/31/2014
M22082154	Geotech	Pile Driving Inspection	12/6/2013
M22082154	Management	QC Manager	8/8/2013

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Martin Montoya

QC Manager / Inspector

10 Years Professional Experience

EDUCATION

Universidad National of Colombia – Medellin, Colombia – 1985-1992

Bachelor Degree in Civil Engineering – Josef & Silny, Miami, FL - 2006

Seminary Environmental Engineer – Universidad National – 1990

PROFESSIONAL ORGANIZATION AND REGISTRATION

TIN# M530566662160

QC Manager

ACI Concrete Field Testing Technician

FDOT Concrete Field Technician Level 1

CTQP – Drilled Shaft Inspector

CTQP Pile Driving Inspector

PROFESSIONAL EXPERIENCE

Mr. Montoya has over 10 years experience providing geotechnical engineering and construction services.

PROJECT EXPERIENCE

US-1/SR-5 Low Level Bridges Replacement from North of SR 706 at Coastal Way to South of CR A1A (Ocean Boulevard), Jupiter, FL. QC Manager for the US-1/SR-5 Low Level Bridges Replacement from North of SR 706 at Coastal Way to South of CR A1A (Ocean Boulevard), Jupiter, Florida. Responsible for density log book, laboratory information and quality control plan. He is responsible for supervising personnel and reviewing all data and specifications prior to providing testing services.

Royal Palm Beach Boulevard North, Palm Beach County, FL - QC Manager for the widening and improvement of Royal Palm Beach Boulevard North in Palm Beach County, Florida. Responsible for density log book, laboratory information and quality control plan. He was in charge of personnel and reviewed all data and specifications with personnel prior to providing testing services.

County Line Road West, Palm Beach County, FL - QC Manager for the roadway improvements for County Line Road West in Palm Beach County, Florida. Responsible for density log book, laboratory information and quality control plan. He was in charge of personnel and reviewed all data and specifications with personnel prior to providing testing services.

ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

I-95 DMS, Broward County, FL

- Performed drilled shaft inspection

Port Everglades Signalization Project, Port Everglades, FL

- Performed drilled shaft inspection

Port Everglades-Eller Drive, Port Everglades, FL

- Performed drilled shaft inspection

Dixie Highway, Palm Beach & Broward Counties, FL

- Providing pile inspections

Congress Avenue Improvements, Palm Beach County, FL

- Providing pile inspections
- QC Manager

56th Street Improvements, Hillsboro County, FL

- Provided pile inspections

Weigh-in-Motion, Martin County, FL

- Provided drilled shaft inspections

HEFT, Phase 4, Miami-Dade County, FL

- Provided Drilled Shaft Inspection, Field Coordinator



Martin Montoya

QC Manager / Inspector

10 Years Professional Experience

EDUCATION

Universidad National of Colombia – Medellin, Colombia – 1985-1992

Bachelor Degree in Civil Engineering – Josef & Silny, Miami, FL - 2006

Seminary Environmental Engineer – Universidad National – 1990

PROFESSIONAL ORGANIZATION AND REGISTRATION

TIN# M530566662160

QC Manager

ACI Concrete Field Testing Technician

FDOT Concrete Field Technician Level 1

CTQP – Drilled Shaft Inspector

CTQP Pile Driving Inspector

PROFESSIONAL EXPERIENCE

Mr. Montoya has over 10 years experience providing geotechnical engineering and construction services.

PROJECT EXPERIENCE

US-1/SR-5 Low Level Bridges Replacement from North of SR 706 at Coastal Way to South of CR A1A (Ocean Boulevard), Jupiter, FL. QC Manager for the US-1/SR-5 Low Level Bridges Replacement from North of SR 706 at Coastal Way to South of CR A1A (Ocean Boulevard), Jupiter, Florida. Responsible for density log book, laboratory information and quality control plan. He is responsible for supervising personnel and reviewing all data and specifications prior to providing testing services.

Royal Palm Beach Boulevard North, Palm Beach County, FL - QC Manager for the widening and improvement of Royal Palm Beach Boulevard North in Palm Beach County, Florida. Responsible for density log book, laboratory information and quality control plan. He was in charge of personnel and reviewed all data and specifications with personnel prior to providing testing services.

County Line Road West, Palm Beach County, FL - QC Manager for the roadway improvements for County Line Road West in Palm Beach County, Florida. Responsible for density log book, laboratory information and quality control plan. He was in charge of personnel and reviewed all data and specifications with personnel prior to providing testing services.

ADDITIONAL ABBREVIATED PROJECT EXPERIENCE

I-95 DMS, Broward County, FL

- Performed drilled shaft inspection

Port Everglades Signalization Project, Port Everglades, FL

- Performed drilled shaft inspection

Port Everglades-Eller Drive, Port Everglades, FL

- Performed drilled shaft inspection

Dixie Highway, Palm Beach & Broward Counties, FL

- Providing pile inspections

Congress Avenue Improvements, Palm Beach County, FL

- Providing pile inspections
- QC Manager

56th Street Improvements, Hillsboro County, FL

- Provided pile inspections

Weigh-in-Motion, Martin County, FL

- Provided drilled shaft inspections

HEFT, Phase 4, Miami-Dade County, FL

- Provided Drilled Shaft Inspection, Field Coordinator



Florida Department of Transportation's
Construction Training Qualification Program

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
M53056666	Concrete	Concrete Field Technician - Level 1	5/22/2013
M53056666	Earthwork	Earthwork Construction Inspection - Level 2	3/25/2016
M53056666	Geotech	Drilled Shaft Inspection	7/18/2014
M53056666	Geotech	Pile Driving Inspection	11/14/2014
M53056666	Management	QC Manager	3/25/2016

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LORRAINE TAPPEN, AICP LEED GREEN ASSOCIATE *Senior Planner*

SUMMARY OF QUALIFICATIONS

Ms. Tappen is a Senior Planner at CGA. She has more than eight years of experience in planning, including preparation of comprehensive plan amendments, land development and zoning codes and community redevelopment plans.

PROJECT EXPERIENCE

Project Manager. As the single point of contact for clients, Ms. Tappen is fully responsible for project activities and objectives. She reports the teams' progress, costs, and schedule state, as well as any deviations from project milestones. She provides maximum production and continuity through superior communication.

Comprehensive Planning. Ms. Tappen is a recognized leader and expert in Florida growth management and preparation of comprehensive plan and comprehensive plan amendments. Her work includes EARs, EAR-based Comprehensive Plan Amendments, Capital Improvement Element Updates, Water Supply Facility Work Plans, and Public School Facilities Elements.

Community Redevelopment; Ms. Tappen has prepared CRA Finding of Necessity studies, CRA Plans, and coordinates redevelopment and revitalization projects.

EVALUATION AND APPRAISAL REPORTS:

Martin County. The EAR proposed a more streamlined approach to overly complex policies in the Martin County Comprehensive Plan first by evaluating the effectiveness of the Active Residential Development Preference (ARDP) Planning system and second by reviewing the existing Urban Service District policies. Conducted many charrettes and public meetings throughout the County to gain input from the diverse group of stakeholders within Martin County. HB 697 greenhouse gas reduction requirements were also evaluated.

St. Lucie County. CGA prepared recommendations based upon public input and vision exercise for comprehensive plan amendments regarding the most significant issues facing St. Lucie County including rural lands, environmental protection, and economic development. HB 697 greenhouse gas reduction requirements were also evaluated.

City of North Miami. Prepared the EAR to evaluate the Comprehensive Plans responsiveness to community redevelopment initiatives, affordable housing, and transportation concurrency management.

City of Pahokee. The EAR included how the comprehensive plan addressed Pahokee's major issues such as affordable housing, upgrading utility lines, economic development and hazard mitigation.

EDUCATION

Master in Urban and
Regional Planning, Florida
Atlantic University,
December 2002

Bachelor of Science in
Political Science, University
of Miami, May 1988

PROFESSIONAL REGISTRATION

American Institute of
Certified Planners (AICP),
No. 019628

Green Building Certification
Institute, LEED Green
Associate, No. 10215617

AWARDS AND ACTIVITIES

Artist Selection Panelist,
Broward Cultural Council
Public Art and Design
Program, 2010 to present

Member, U.S. Green
Building Council, 2008 to
present

Vice President, Florida
Atlantic Planning Society,
April 2001 to April 2002



Lorraine Tappen, AICP, Page 2

Town of Malabar. Issue of conservation versus preservation was debated at each of the public scoping meetings. The EAR resulted in recommendations that prepared the community for services close to home while encouraging greater pedestrian, bicycle, and equestrian facilities in this rural community.

Town of Medley. The EAR included recommendations regarding criteria for annexations, managing solid waste facilities, and organizing capital improvements.

Town of Surfside. EAR recommendations reflected Surfside's interest in incorporating many of the concepts advanced in the November 2006 Town-wide Charrette. Additionally, consideration was made to assure the Comprehensive Plan addressed improved transportation along Collins and Harding Avenues.

EAR-BASED AMENDMENTS:

St. Lucie County. As a follow up to the EAR, CGA drafted policies based upon public input and vision exercise for comprehensive plan amendments regarding the most significant issues facing St. Lucie County including HB697 greenhouse reduction requirements, rural lands, environmental protection, and economic development.

City of Fort Pierce. The work was based upon Visioning Sessions conducted in six distinct areas of the City to determine a set of guiding values where participants expressed an interest in preserving their low-density, traditional small town atmosphere. While addressing requirements of SB360 (2005 Growth Management Legislation), Fort Pierce residents wished to ensure access to the waterfront areas, ample park and open space, as well as managing annexation and transportation concurrency as the City develops.

City of Hollywood. The EAR-based amendments addressed the City's most pressing problems and opportunities: escalating traffic congestion, urban infill and redevelopment, and growing demand for a diversity of housing types to meet the needs of an increasingly diverse population.

City of North Miami. As a follow up for the EAR, the Comprehensive Plan was amended to include community redevelopment initiatives, affordable housing, and transportation concurrency management while addressing requirements of SB360 (2005 Growth Management Legislation.)

City of Pahokee. As a follow up to the EAR, the EAR-based amendments incorporated Pahokee's major issues such as affordable housing, upgrading utility lines, economic development and hazard mitigation into their Comprehensive Plan.

City of Parkland. The amendment package included addressing major issues in the EAR including traffic patterns and roadway expansion, annexation, utility infrastructure including capacities and ensuring sufficient parks and open space. Public participation included a series of workshops on topics such as education and parks and open space. The amendments included all new requirements for SB 360 (2005 Growth Management Legislation).

City of Weston. In 2007, CGA prepared the City's Evaluation and Appraisal Report (EAR) and completed the follow-up EAR-based Comprehensive Plan Amendments in 2009. The EAR-based amendments brought the Comprehensive Plan up-to-date with SB360 (2005) and HB697 (2008) greenhouse gas reduction requirements for Comprehensive Plans. The Weston Comprehensive Plan was the first in the state to incorporate HB697 requirements.

Town of Malabar. Issue of conservation versus preservation was debated at each of the public scoping meetings. The EAR-based amendments resulted in new policies that prepared the community for services close to home while encouraging greater pedestrian, bicycle, and equestrian facilities in this rural community. Included HB 697 requirements for greenhouse gas reduction strategies.

Town of Medley. The Town asked CGA to take over during the process when the Comprehensive Plan was being updated. Amendments included criteria for annexations, managing solid waste facilities, and organizing capital improvements. Included HB 697 requirements for greenhouse gas reduction strategies.

Udin Dwarica/ CSS

SUMMARY OF QUALIFICATIONS

Ms. Dwarica has over Twenty (21) years experience in Construction Management practices Experienced in all facets of infrastructure construction (Sewers, Water main, & Roadway Construction) Qualified to perform all applicable field testing procedures, Bridge inspection, Served as Contract Support Administrator/Office Engineer, Inspector and Senior Inspector, Possess strong aptitude towards trouble-shooting field problems, Strong advocate of Site Safety, Computer literate and a Team Player

PROJECT EXPERIENCE

Final Estimate Auditor or West Palm Beach Operation Center, Contract Support Specialist- Feb '09 – Present: Final Estimate Auditor for Treasure Coast Operation, created final estimate documents on Treasure Coast Operation Center SharePoint Site and provided examples of common documents required to submit to District Final Estimate. Working with Maintenance to collect sign data for GIS system. Reference: Paula shield, FDOT 772-489-7065

Mill and Resurface and signalization on Dixie Highway from 12th St and SR 60-Contract Support Specialist Reference. : Elizabeth Jett, FDOT Project Administrator 772-519-8517

Replacement of Juanita Bridge in Fort Pierce-Contract Support Specialist Reference: Elizabeth Jett, FDOT Project Administrator 772-519-8517

Mill and Resurface and signalization on 20th Ave bet Aslo Rd and SR 60-Contract Support Specialist Reference: Elizabeth Jett, FDOT Project Administrator 772-519-8517

Contract support Specialist Administrator- Internal GBF Final Estimate Auditor, developed Quality Assurance Plan and Final Estimate check list. Reference: Mayur Patel, FDOT Operation Support Manger 772-489-7138

May '08 – Feb ' 09: SR 15, US 441 Reconstruction, Contract Support Specialist – The scope of this project includes the reconstruction of the urban areas including water main relocation, drainage and trench Major items of work include: Community awareness initiatives for roadway closures, Subsoil excavation, Geo-synthetic soil reinforcement (geo-grid), ARMI layer installation for the milling and resurfacing sections. This project also includes a test section program for innovative asphalt reinforcing materials. Reference: Jacques Beaubrun, FDOT Project Manager 561-719-7812.

6/07-5/08 Installation of sidewalk and curb; Responsible for the up keep of contract records. Prepared change orders and as-built drawings. Processed contractor's payments. Review and sign off on inspector's daily reports so that contractor is credited with applicable and accurate pay quantities.

Trench Restoration # 10; Responsible for the up keep of contract records. Prepared change orders and as-built drawings. Processed contractor's payments. Review and sign off on inspector's daily reports so that contractor is credited with applicable and accurate pay quantities..

6/03 – 3/07

\$ 47M Constr. of SR 80 from Haverhill Road to East of I-95, FDOT West Palm Beach Scope include: The widening of SR80 from 4-lanes to 8-lanes with two new interchanges, and also the replacement of two bridges. Responsible for reviewing shop drawings, answering RFI's. Coordinated with the Design Team, the Contractor and Resident Engineer to resolve RFIs. Charged with responsibility to participate in progress and on-site meetings. Functioned also as senior inspector on the following projects.

SR5 FDOT St. Lucie county, FL; Scope Include: Widening SR5 from 4-lanes to 6 lanes with raised median, bicycle lanes, curbs, gutters and concrete sidewalk.

EDUCATION

2002 Bachelor of Technology Facility Management,
1989 Associate in Applied Science Civil Engineering Technology

CERTIFICATIONS AND TRAINING

TIN #D620841648040

CTQP - Asphalt Paving Level 1
CTQP - Final Estimates Level 1
CTQP - Final Estimates Level 2
Site Manager
EEO
Storm water Erosion Inspector
EDMS

Calvin, Giordano & Associates, Inc.

Florida Turnpike Enterprise Turnpike Mainline Widening from North of Sunrise Blvd. to Atlantic Blvd. Scope include: PD&E/design for the widening of 6.5 miles of FL. Turnpike, from 6 lanes to 8 lanes. Widening and Replacement of bridges, and the modification of a toll plaza.

I-95 HOV lanes from Forest Hill Boulevard to 10th Ave, FDOT – I-95 HOV lanes from L-30 Canal to Gateway Boulevard, FDOT – Performed field Scope include: Construction of I-95 Bridge over Boyton Canal and I-95 Bridge over Lake Ida Canal as part of widening for HOV lanes.

Royal Park Bridge, Bridgehead design, Town of Palm Beach, FL – Scope include: The replacement of an existing bascule bridge over the 1000 ft. span Intra-coastal waterway. The reconstruction of a retaining wall with stairs for pedestrian access. a landscape transition zone from the roadway level to the surrounding Lake Worth Lagoon, plus a landscaped recreational path along the waterway. Also included was the installation of steel sheet piling which forms part of a bulkhead system.

12/99 – 6/03 Reconstruction of three (3) steel Bridges Over LIRR and NYCTA, Brooklyn NYCDOT Office Engineer/Senior Inspector: Responsible for supervising of the demolition of the existing superstructure and substructure of bridge. Supervised the installation of new water mains, structural steel bridge deck, armored joints and asphalt paving. Coordinated with design engineers, contractor, and resident engineer to resolve RFIs. Prepared change orders, contractor's payments. Keep daily records in accordance with MURK (Manual for Uniform Record Keeping). Coordinated field activities with inspectors, utility Companies, and related City agencies. Reviewed inspector's reports and assigned pay items to respective budget codes.

Office Engineer/Senior Inspector (4/99 – 11/99) New York City DOT Design-Build: Six (6) Bridges over the Franklin Avenue Shuttle. Supervised demolition and replacement of bridge deck, watermain replacement, installation of electrical and telephone ducts, new abutments, forming and pouring of reinforced concrete, and asphalt paving, Monitored conformance of Maintenance & Protection of Traffic (MOT)

Office Engineer/ Inspector (8/98 – 12/98) Rehabilitation Of Shore Blvd. Bulkhead, Brooklyn, NYC Dept. of Design & Construction. Performed daily inspection for the installation of sheet piling and tie rods. Processed change orders and prepared contractor's payments. Coordinated field activities with inspectors and representatives from other city agencies. Kept records in accordance with the MURK manual and in accordance with the requirements of the Client Agency. Involved in quality control through field testing and sampling. Monitored conformance of MOT and Site Maintenance.

Office Engineer (9/97 – 7/98) Restoration of Sewer Trenches, Queens, NYC Department of Design & Construction Responsible for the upkeep of contract records in accordance with MURK. Prepared change orders and as-built drawings. Processed contractor's and consultant's payments. Monitored conformance of MOT. Addressed all Client Agency's correspondence and community concerns. Liaison with inspectors in the field so that contractor is credited with applicable and accurate pay quantities.