

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PROFESSIONAL SERVICES LETTER OF RESPONSE

375-030-22
PROCUREMENT
11/14
Page 1



Advertisement No.: 16620 **DOT FM Number:** TBA

Project Name: Flagler/ 1st Street

Consultant's Name: HAKS Engineers, Architects and Surveyors, PC

Street Address: 14400 NW 77th Court, Suite 203

City: Miami Lakes **State:** Florida **Zip:** 33016

Office Location: Miami Lakes **Contact person:** Joe Gómez, PE

Phone: 305-698-3914 x 203 **Contact email:** igomez@haks.net

By submittal of this letter the Consultant certifies that all information provided in the letter is true and accurate. The Consultant further affirms that staff proposed are currently employed by the firm(s) identified, or the Consultant has provided a statement of when staff will become employed by the identified firm(s).

Please provide the following information:

- Proposed approach and understanding of critical issues.
- Relevant project experience – Similar type of work experience.
- Other content provided by firm.
- Proposed key personnel and their proposed roles (do not include resumes).

Consultants: *Please be aware that all font (including in graphics, tables, and captions on photos) must be standard Arial Narrow, 11 point, single line spacing with no modification of font or spacing allowed. ½" clear margin on all sides must be maintained on all pages. It is the Consultant's responsibility, due to font and format restrictions within this form, to work within the constraints of the form and its format. Character styling such as use of color, bold, and italics is allowed. Use of a table is recommended for text boxes. The page layout may be modified to add columns, tables, graphics, and photos. All graphics and photos must be created in a clean, blank word document and the "text wrapping square" option applied before cutting and pasting into this form. Consultants may add their logo at the top of the first page (directly underneath the header), however, the Consultant shall not extend the form beyond the pages allocated for the Letter to accommodate insertion of the logo. Consultants are not permitted to insert any other information in the header other than the logo. After pasting your letter into this form, highlight all text and ensure the font size of Arial Narrow, 11 point was retained. Once your content is inserted, delete any additional blank pages that are generated by pressing your delete key after the last word in the Letter of Response. Recreation of the form in another software application to modify the form format is not permitted. This form works best when saved with a .docx extension. *Please retain the source document as it may be requested at a later date in the procurement, to verify adherence with aforementioned restrictions. Note: You may begin typing on this page.*

Understanding of Project Issues

HAKS, Engineers, Architects and Surveyors, PC (HAKS) is pleased to submit this Letter of Response for the reconstruction of SR 968/Flagler Street from W of W 27th Ave to W 2nd Ave., SW 1st Street from Flagler Street to SW 6th Ave and various turn lane improvements on NW/SW 27th Ave from SW 10th Street to NW 7th Street. HAKS and its consultant partners are pleased that FDOT D6 has finally moved forward with reconstruction of these vital and much needed improvements to the community. We understand that this CEI grouping of 4 distinct contracts provides unique challenges both from a construction and management perspective in that best case scenario is that one contractor will be selected for all projects or worst case scenario will be that four separate contractors will be working within a 2.6 mile area with different construction schedules, MOT setups and separate impacts to the community. HAKS is prepared to act as an extension of District construction staff and ensure successful completion of these projects regardless of the different letting schedules. Our team has met with the District's Construction Project Manager, Manny Espinal, PE, reviewed the plans

and specifications and conducted several field reviews to properly address the requirements of the advertisement for this CEI Grouping of projects.

Awareness of Project Issues

Awareness of Project Coordination & Public Outreach: HAKS proposed Senior Project Engineer, Eirik Rundhove, PE will work very closely with the Department's Public Involvement Consultant, who we understand from Mr. Espinal, will be contracted separately by the Department. Eirik and the PIO will provide the stakeholders clear and concise communications regarding daily construction activities and ensure that construction operations do not adversely impact any business, institution, school or residence more than absolutely necessary. Eirik will assist the PIO in developing the specific Community Awareness Plan (CAP). Some of the key stakeholders within the project limits include: Walgreens' at W 27th Ave and W 12th Ave, Miami Senior High School at W 25th Ave, listed on the National Register of Historic Places, AT&T facility on W 21st Ave, City of Miami Police's South Sub-Station at W 22nd Ave, Lincoln- Marti School at W 9th Ave, San Juan Bosco Catholic Church at W 13th Ave and various other residential, institutional and commercial interests. Many of the business along the corridor have a single driveway as ingress/egress to their establishment and close coordination will be required in order to minimize disruptions. Eirik will discuss with the Contractor(s) phasing of the work to maintain access as much as possible so that the District does not receive any complaints from stakeholders ***Understanding of Project Technical Issues:*** Our team has identified a number of issues that can be categorized under 3 major categories: Public Involvement, MOT or Other. The following is a listing of some of our observations:

Public Involvement

- Businesses with front doors at back of sidewalk. One example is Cafeteria La Libertad on the NW corner of W 8th Ave and Flagler Street. This business relies heavily on walk-by traffic.
- Overhangs encroaching onto sidewalk will require extensive coordination, the section of Flagler from W. 6th Ave to West 12th Ave has a number of overhangs.
- Various religious institutions lie along the corridor including San Juan Bosco Catholic Church. Weekend work if required will need careful coordination not to impact services.
- Work in front of Miami Senior High School will require extensive coordination to protect students and any adverse impacts to the grounds, as this is a historic resource.
- The City of Miami Police's South Sub-Station at the SW corner of W. 22nd Ave will need unimpeded access at all times.
- The AT&T major facility at W 21st Ave provides extensive telecommunication service for this part of the County. Close coordination will be required to prevent any interruption of service.
- Several key traffic generators including Publix Sabor, Presidente Supermarket and La Camaronera Restaurant will require phased construction during daytime operations to ensure customers can safely access these facilities. Special attention will be given to access to La Camaronera Restaurant, a favorite place during baseball season for Marlin fans to eat before or after the game.

MOT

- Both Flagler St and SW 1st St have a high concentration of pedestrians and bicyclists. We will work with the contractor to ensure that all modes of transportation are addressed in their MOT implementation.
- Many establishments have only one driveway as the sole ingress/egress point. Sequencing of operations is absolutely necessary and the HAKs team will work with the contractor and stakeholders to successfully coordinate this effort.
- In our review of the plans, it appears that the MOT plans are unique to each project and no cohesive MOT master plan was developed. In fact in our review of TSP's for the project only the Flagler Street east project has TSPs that address train construction, limiting work zone lengths of 1000ft and 500ft for watermain installation. This is absolutely critical, more so if we have to deal with 4 different contractors. Upon NTP we would immediately sit with the Construction office to coordinate this MOT effort so as each Contractor is given NTP they know what is expected of them.
- We noted in our field review that many of the traffic signals along this corridor have red light cameras. Since the cameras are mounted on traffic signals controlled by MDCPW&WM and generate revenue for the City of Miami they will be impacted the moment a traffic shift occurs. Our team will coordinate a meeting with the contractor(s) and both municipalities to provide advance notice.

- The parking lane on both sides of the road is currently used for deliveries besides paid parking. This will need to be factored in to the MOT setup to ensure no impacts to businesses. Loss of parking revenue to the City of Miami's Parking Authority will also need to be addressed at the beginning of the project.
- A significant detour thru residential streets is shown on the plans during construction at intersections. HAKS will work with the Contractor to minimize intrusion into residential by significant amounts of commercial traffic. The following figure, developed by APCTE for the NW 25th Street Viaduct project, shows how our team will track all closures by the contractor(s).

APCT ENGINEERS		NW 25th Street Viaduct Project		NW 25th Street (WESTSIDE) FIN No.: 251185-1-52-01 / 405665-1-52-01																
				MOT LANE CLOSURE SCHEDULE																
				PERIOD 5-07-2015 to 5-18-2015																
NW 25th Street Viaduct (WESTSIDE) from NW 89 Court to SR-826																				
Contractor	Date	SR #	Direction	Lane(s) Closed (count lanes from inside Ln#1)	Work Zone Location & Activity	LOR #	Start Time	Finish Time	VMS	DMS	Detour	PHP	Expiration Date							
Astaldi / R & D	Thu	7-May-15	NW 25th Street	EB	NW 25th St EB from NW 78th Ave to SR 826 single right lane.	Install Signs SP23, SP24 & SP16	8346	9:00 PM	5:30 AM	N	N	N	Y	4/22/2015						
Astaldi / Joe Mori	Thu	7-May-15	SR-826	NB	Two NB Right lanes from north of NW 12th Street to North of NW 25 Street	Paint Steel Bridge girders	9391	10:00 PM	1	Y	Y	N	Y	5/18/2015						
				NB Off Ramp	One lane on the NB Off Ramp to NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
				NB On Ramp	One lane on the NB On Ramp from NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
				SB Off Ramp	One lane on the SB Off Ramp to NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
			NW 25th Street	WB	Two WB lanes from NW 74 Avenue to SR 826				N	Y	Y									
Astaldi / V & M	Fri	8-May-15			No Lane Closure															
Astaldi / R & D	Sat	9-May-15			No Lane Closure															
Astaldi / V & M	Sun	10-May-15			No Lane Closure															
Astaldi / Joe Mori	Mon	11-May-15	SR-826	NB	Two NB Left lanes from north of NW 12th Street to North of NW 25 Street	Paint Steel Bridge girders	9396	10:00 PM	5:00 AM	Y	Y	N	Y	5/18/2015						
				NB Off Ramp	One lane on the NB Off Ramp to NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
				NB On Ramp	One lane on the NB On Ramp from NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
				SB Off Ramp	One lane on the SB Off Ramp to NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
			NW 25th Street	WB	Two WB lanes from NW 74 Avenue to SR 826				N	Y	Y									
Astaldi / Joe Mori	Tue	12-May-15	SR-826	SB	Two SB Left lanes from south of NW 36th Street to South of NW 25 Street	Paint Steel Bridge girders	9405	10:00 PM	5:00 AM	Y	Y	N	Y	5/18/2015						
				NB Off Ramp	One lane on the NB Off Ramp to NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
				NB On Ramp	One lane on the NB On Ramp from NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
				SB Off Ramp	One lane on the SB Off Ramp to NW 25 Street			9:00 PM	5:30 AM	Y	Y	N								
			NW 25th Street	WB	Two WB lanes from NW 74 Avenue to SR 826				N	Y	Y									

Other Issues

- The potential for contamination is extensive due to the number of service stations and mechanic shops and other industrial uses along the corridor. HAKS will work the contractor(s) to ensure plans are in place in the event a CAR contractor is required.
- Extensive utility work including watermain JPA work is part of the works of these projects. Existing utilities within the corridor, many which are extremely old and possibly in the wrong location may be impacted. Our team has utility locations services to ensure we stay ahead of the construction activities.
- Given the close proximity of the back of sidewalk to the front entrance of many businesses, our team is cognizant that at some locations it will require almost minute by minute coordination with property owners and tenants. The previously noted Cafeteria La Libertad is a prime example of this.
- Historic resources along the corridor including the Walgreens at the corner of SW 12th Ave, the Manuel Artime Theater and Miami Senior High School require careful attention to the necessary work involved so no impact to these resources occurred. Our team has significant experience with projects with historic resources.
- Although we are aware that landscaping will be provided, significant number of very mature oak trees are present along the corridors. Our Arborist will ensure that the contractor follows the requirements of the tree disposition and landscaping plans but in cases where discrepancies occur we will provide the contractor assistance to ensure that no tree that does not need to be removed, is removed.

Understanding of Issues that Impact Time & Money: The following lists some activities that Eirik and his team will monitor closely to ensure that minimal if no impact to time and money occur. This becomes even more important if 4 different contractors are working simultaneously:

- Utility relocations and new watermain installations: Although the lettings of these 4 projects are staggered through a 9 month period, utility coordination begins on day one with our team. We will plan in advance and work with the contractor(s) to make the necessary adjustments as required.
- Potential Contamination Sites: In all likelihood given the number of service/mechanic shops and commercial uses, contamination will be encountered during construction. Although the plans note some areas of concern, our team will closely coordinate with the District's Contamination Impacts Coordinator before any Dewatering Permits are applied for to ensure that construction activities do not aggravate existing conditions or that groundwater risks potential contamination.
- Drainage: These projects contain a combination of exfiltration trenches (French drains) and deep wells. Particularly when laterals are required across driveways and the driveway is the single source of ingress/egress, construction these facilities can be challenging and impact the contractor's productivity, thus impacting time and money. Our team will work with the contractor(s) to make sure that the planned activities for the week and the look ahead specifically address hotspots where drainage placement will impact access and develop a plan to mitigate, such as performing the work at night.
- MOT: As we have previously noted, a cohesive MOT plan for all the projects does not appear to have been developed. We believe there are opportunities to limit the amount of MOT setup, perhaps thru the use of train construction, which will minimize setup and takedown time, move the construction faster and limit the liability exposure within a direct work zone. This method has been successfully employed before by District 6 during the SW 8th Street (Calle Ocho) reconstruction program.

Project Management

Project Management Approach to Contract Administration on Multiple Projects: HAKS is extremely experienced working with multiple projects simultaneously and has developed a contract administration approach that has successfully been implemented in very congested areas such as Midtown Manhattan in NYC. Our analysis of the project schedules indicates that there will be approximately a one year period (from Nov. 2016 to March 2018) where all 4 projects will be active simultaneously. As such, our staff resource plan will be incrementally increased and decreased to account for the peak period of construction activity as well as periods where projects are completed. The total construction period for all projects is from February 2016 to December 2018, approximately 1000 days. As noted previously the potential exists that 4 different contractors will need to be overseen by our CEI team. This will be a heavy burden for even the most experienced CSS. As such we propose to have a CSS Associate work directly under the CSS to provide additional support. This position would be combined with the Resident Compliance Specialist position's duties needed during the 1 year period where all 4 projects are on-going simultaneously. We also propose that one of the Senior Inspectors also serve as Assistant PA to better manage the team during the peak construction period. One of the tools we will use to track issues and conflicts to expedite resolution is through the use of tracking log. This log is currently being used by our team member on the NW 25th Street Viaduct project. The purpose of this log is to ensure that no more than 5 issues are open at any one time. **Project Management Approach to Project Coordination and Public Outreach:** Eirik's extensive experience working in complex urban environments will be critical to the success of this project. He will work with the assigned PIO to these projects to establish contact and direct lines of communication with local businesses, residents and stakeholders prior to start of the project. The community will be informed about the scope of the work and schedule and duration of the different stages of construction. During the progress of the work, businesses and citizens will be updated on the status of the project through monthly newsletters that can be developed with the PIO. In addition weekly construction bulletins will be provided to keep businesses and residents informed on upcoming work scheduled. Daily notifications to those business and residents that are within the active work zone will be provided for each day's activities. HAKS also recommends to house the PIO in our CEI field office. Our team will make accommodations to provide the PIO a physical office. This day to day interaction between Eirik and the PIO will ensure that the CEI team is working together and delivering a unified message. **Detailed Quality Assurance & Quality Control Program:** HAKS believes in a strong Quality Assurance/Quality Control program, since CEI for public infrastructure is at the central core of our business. To that end our Quality Assurance Officers for this contract will be Nelson Perez, PE, Principal and Head of

Issues/Extra Work Matrix							5/7/2015 19:34	
Date of Issue	Date Resolved	Estimated Amount	Final Amount	Responsibility	Dec Date FDOT	Paid ?	Remarks	
		\$8,000.00	\$1,500.00	APCTE	6/24/2010	YES	SA done	
		\$10,000.00	\$0.00	APCTE	10/14/2010	NO	SA done	
		\$2,650.00	\$2,648.57	APCTE	8/26/2010	YES	Paid 10/19/10 on Est #46, WO #9999-020-21	
		\$0.00	\$0.00	Marlin	8/2/2010	NA	Revised plans was transmitted to DMG	
		\$10,922.10	\$10,400.00	APCTE	10/21/2010	YES	Paid 3/20/11 on Est. #51, WO #0999-25-10	
		-\$15,000.00	-\$15,000.00	APCTE	10/28/2010	NO	SA done	
		\$3,896.88	\$3,896.88	APCTE	2/10/2011	NO	Work Order is done WO# 9999-020-025	
		\$13,272.34	\$13,604.21	DMG	2/10/2011	YES	Paid 3/20/11 on Est. #51, WO #0999-25-11	
		\$0.00	\$0.00	APCTE	2/10/2011	NA	Work Order is done WO# 9999-020-023	
		\$20,251.00	TBD	APCTE	2/17/2011	NA	Done Work Order to incorporate plan revision	
		\$63,000.00	\$29,041.14	APCTE	3/24/2011	NO	Work Order is done WO# 9999-020-026	
		\$40,000.00	Pending	APCTE	3/31/2011	NO	Follow-up with DMG obtain price proposal	
		\$13,140.17	\$13,140.17	DMG/APCTE	3/31/2011	NO	WO 0999-25-12 pending DMG to provide invoice cost of colored lens for credit	
		\$995.43	\$995.43	APCTE		NO	Contractor to provide 3 Additional slotted holes at previous agreed price \$331.81/EA	
		\$10,964.41	\$10,964.41	APCTE		NO	Work Order is done 0999-25-13	
		\$3,014,193.52	\$2,711,213.67					

the Resident Compliance Specialist position's duties needed during the 1 year period where all 4 projects are on-going simultaneously. We also propose that one of the Senior Inspectors also serve as Assistant PA to better manage the team during the peak construction period. One of the tools we will use to track issues and conflicts to expedite resolution is through the use of tracking log. This log is currently being used by our team member on the NW 25th Street Viaduct project. The purpose of this log is to ensure that no more than 5 issues are open at any one time. **Project Management Approach to Project Coordination and Public Outreach:** Eirik's extensive experience working in complex urban environments will be critical to the success of this project. He will work with the assigned PIO to these projects to establish contact and direct lines of communication with local businesses, residents and stakeholders prior to start of the project. The community will be informed about the scope of the work and schedule and duration of the different stages of construction. During the progress of the work, businesses and citizens will be updated on the status of the project through monthly newsletters that can be developed with the PIO. In addition weekly construction bulletins will be provided to keep businesses and residents informed on upcoming work scheduled. Daily notifications to those business and residents that are within the active work zone will be provided for each day's activities. HAKS also recommends to house the PIO in our CEI field office. Our team will make accommodations to provide the PIO a physical office. This day to day interaction between Eirik and the PIO will ensure that the CEI team is working together and delivering a unified message. **Detailed Quality Assurance & Quality Control Program:** HAKS believes in a strong Quality Assurance/Quality Control program, since CEI for public infrastructure is at the central core of our business. To that end our Quality Assurance Officers for this contract will be Nelson Perez, PE, Principal and Head of

Construction Services for APCTE and Joe Gomez, PE, Senior Vice President and Florida Region Manager with HAKS. Both Nelson and Joe are very well known to District 6, Nelson having served as SPE on some of the most complex projects in the District and Joe as a former DCE and Director of Operations for the District. Quality Assurance Reviews will be done by Nelson and Joe every 6 months or more frequently if necessary. The QA Review will ensure that the CEI team is following all contract requirements, Department policies and procedures and that the CPAM is being adhered to. Our Quality Control program will be overseen by HAKS Senior Vice President for Construction Services Alberto Villaman, PE, a Florida registered professional engineer. Alberto will provide Eirik all the necessary resources to ensure that every aspect of the CEI's operation has a check and balance, from Shop Drawing review, to daily and weekly reports, density log books, material certification procedures and processing of all supplemental agreements, meeting minute documentation and safety requirements for the CEI team. HAKS places major emphasis on the safety of its employees.

Project Staffing

Staffing Qualification & Experience: **Eirik Rundhove, PE, Senior Project Engineer** - With his 39 years of infrastructure experience, Eirik has worked on some of the most complex urban projects including the \$42 M reconstruction of Broadway in Lower Manhattan, dealing with extensive utility relocations, reconstruction under extreme traffic conditions and extremely high pedestrian traffic. This unique experience of working within the most dense and populated City in the United States with numerous stakeholders gives him the unique qualifications to lead this project. Eirik is a registered engineer in several states including Florida and has Advanced MOT Certification, Earthwork Levels I and II and is a QC Manager. **Evelio Hernandez, Project Administrator** - Mr. Hernandez has more than 40 years of construction and transportation engineering experience including 30 years as an employee of FDOT District 6. He is an ideal Project Administrator for the Flagler/ SW 1st Group Projects as he has intricate knowledge of the FDOT design standards thru his many years of experience working in the plans review section of the Department's construction office. He will be an asset in the quick resolution of utility conflicts during construction and will provide ongoing constructability review of the plans for the 4 projects to ensure issues are addressed in a proactive manner. Mr. Hernandez has superior experience as a PA in the installation of deep drainage structures on many FDOT projects and his experience will be very valuable to assist the contractors involved during all complex drainage construction operations. Mr. Hernandez is currently the PA for Bridge construction on the I-75 Managed Lanes Segment C project for District 4 but can be available for this assignment starting on February 2016. In addition, due to his extensive experience as a CEI Contract Support Specialist we propose Mr. Hernandez to handle all CSS duties from February 2016 to July 2016 until our proposed CSS Ramon Llana is available to take over after completion of his current assignment on the NW 25 St Viaduct project. **Ramon Llana, Contract Support Specialist**-is a well -known CSS in FDOT District 6 with outstanding experience having completed many final estimates for multiple District 6 projects including the Flagler street from 27 Ave to 69 Ave and the \$300 Million US 1 reconstruction project in the keys which included the \$170 Million Jewfish Creek replacement design build project. Mr. Llana has thorough knowledge of all FDOT policies and procedures on how to handle work orders, supplemental agreements and running monthly estimates for multiple contracts including JPA projects with Miami Dade Water and Sewer Department and others. His experience for this type of CEI contract which could involve managing 4 different contractors on 4 different projects will be a great asset to the HAKS Team and Senior Project Engineer Mr. Eirik Rundhove as he has the organizational skills necessary to create a filing system thru different spreadsheets to track all pay item quantities as needed in accordance with the FDOT District 6 Final Estimates procedures. In fact Mr. Llana worked inside the district 6 final estimates office at different times so he is thoroughly familiar with the district final estimates procedures and requirements. In addition, he has intricate knowledge on tracking plans revisions and in the preparation of as-builts which is of significant importance for a CEI contract requiring to submit Final Estimates for 4 different projects. As explained earlier Mr. Llana is not available to serve on this contract until July 1 2016 but we feel his contribution to a complex CEI contract of this nature will be invaluable to FDOT. **Martha Gutierrez, Resident Compliance Specialist (RCS)/ Associate CSS** - is also a well -known RCS to the district as she is now in the process of finalizing EEO compliance issues for the Port of Miami Tunnel Project (POMT) and the Miami Intermodal Center (MIC) GMP 1,2 and 3 projects. Ms. Gutierrez has extensive experience as a Resident Compliance Specialist in EEO as well as On the Job Training issues. Her experience involves handling EEO issues from a contractor's perspective as well as from the CEI. Prior to joining APCTE Ms. Gutierrez was the head RCS for Dragados- USA on the I-595 Project and previously handle all EEO issues for H and J Paving contractors on their FDOT district 6 projects. In addition to her current duties in district 6 she also serves as an associate CSS on the I-75 Managed Lanes Segment C project for District 4 but can be available for this

assignment on February 2016. **Hemberth Salazar PE, Assistant Project Administrator /Senior Inspector-** has outstanding qualifications and CTQP certifications and is a graduate of the 2013 FDOT Construction Academy for PAs with his team finishing in first place and winning an award. Mr. Salazar recently obtained his professional registration and due to his extensive field experience as a senior roadway inspector in many FDOT projects including complex reconstruction projects similar to the Flagler street/SW 1st grouping we believe Mr. Salazar can provide both Eirik and Evelio with strong contribution as Assistant PA/SI involved in supervising all senior inspectors and inspectors on the 4 projects. He will provide leadership in the field with relation to MOT coordination, drainage construction, JPA water main and Force Main construction, signalization and lighting issues and asphalt paving as well as serve as a Night construction PA for resolution of issues during all night operations on the 4 projects. Mr. Salazar is currently completing his assignment on the MDX SR 836 ORT Project and will be definitely available on or prior to February 2016. Joining our HAKS and APCTE on this CEI Team are the firms of ACES, Inc., Keith & Schnars, PA and Longitude Surveyors and Underground Utility Locators. ACES will provide inspection services including **Andres Perea, CTQP/RSO** and **Carl Smith with 35 years of experience 20 with FDOT projects, for Senior Inspector. Chris Miller, RLA/Arborist with 17 years of experience from K&S** will be part of our CEI team. **Rene Azcarreta of K&S will serve as Inspector Aide.**

Staffing Experience on Similar Projects: The following is brief list of similar projects are CEI staff has been involved with:

- Reconstruction of Broadway, Lower Manhattan, NY, NY-\$42M (HAKS)
- Reconstruction of Route 9A, Segment 3, NY, NY- \$72M (HAKS)
- Bruckner Expressway Reconstruction, the Bronx, NY, NY - \$75M (HAKS)
- NW 25th Street Viaduct, FDOT D6, Section 1, Miami, Florida (APCTE)
- NW 25th Street Viaduct, FDOT D6, Section 2, Doral, Florida (APCTE)
- Central Broward ATMS, FDOT D4, Broward County, Florida (APCTE)
- I-595 CEI Services, for Dragados, SA (ACES)
- Greenway Bridges, Miami-Dade County (ACES)
- SR 5/US 1/South Dixie Highway from SW 112th Ave to SW 184th Street (Keith & Schnars, PA)

Staffing Availability: Eirik Rundhove is completing his current assignment and will be available full time for the entire duration of the Flagler Street/SW 1st projects. HAKS has made a corporate commitment to relocate Eirik to Miami for the duration of the Flagler/SW 1st CEI Grouping Contract. All members of our team noted in this letter will be available to fulfill this contract commitment. Our team has performed a staff hour analysis included in this submittal and based on our cost analysis are confident we can be under the \$5M budget that District 6 has established. We currently have no work with FDOT in any District so we are prepared to start immediately. We at HAKS are confident that our team will provide Mr. Espinal and District 6 the highest quality of CEI services and you have my personal commitment as an officer of HAKS and a former District 6 employee that our team will exceed your expectations. Thank you in advance for the opportunity to be of service to you.

With Kind Regards,

HAKS, PC



Joe Gomez, PE
Senior Vice President/Project Executive

Prequalification of Prime Consultant and any proposed Subconsultants by advertised type(s) of work:

Consultant Name		Project Advertised Major & Minor Work Types													
		10.1											DBE	SB	UU
Prime	HAKS Engineers, Architects and Surveyors, PC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Subconsultants	A&P Consulting Transportation Engineers, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Absolute Civil Engineering Solutions, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Keith & Schnars, PA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Longitude Surveyors and Underground Utility Locators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SB = Small Business UU = Under-utilized work type; subconsultant is fulfilling an under-utilized work type

My firm has submitted a Bid Opportunity List through the [Equal Opportunity Compliance System](#) for this project.

PROFESSIONAL SERVICES DBE OR SMALL BUSINESS COMMITMENT FORM

Firms will submit this form in response to the Request for Proposal or alternatively, at the time of Expanded Letter of Response submittal.

Used for Professional Services:

- BDI Set-Asides (Standard note 7 of Professional Services advertisement)
- Advertisements that contain Under-Utilized Work Groups (Standard note 8 of professional services ad)
- Advertisements that contain a DBE/Small Business Aspiration Goal (Standard note 9 of professional services ad)

Contract/Advertisement No.:	16620
Project Description:	Flagler St/SW 1 st St CEI Grouping
Prime Consultant:	HAKS, PC

The Prime is a Department of Transportation certified Disadvantaged Business Enterprise (DBE). Yes No
 The Prime is a Non-DBE Small Business. Yes No
 The Prime is a Small Business. Yes No

Expected percentage of contract fees to be utilized by DBE(s): 48 %. (Combine DBE Prime and DBE subconsultants, if applicable).

Expected percentage of contract fees to be utilized by Non-DBE Small Businesses 0 %. (Combine Non-DBE Small Business Prime and Non-DBE Small Business subconsultants, if applicable).

The proposed Prime and subconsultants/subvendors are as follows:

Prime (If applicable)	Type of Work	Percentage	DBE	Small Business	"Non-DBE" Small Business
HAKS, PC	10.1	52%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Subconsultant/Subvendor (If applicable)	Type of Work	Percentage			
APCTE, Inc.	10.1	25%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Absolute Engineerign Solutions, LLC	10.1	10%	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Keith & Schnars	10.1	8%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Longitude Surveyors & U. Utility Locs.		5%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		%	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please note, the number one ranked firm is required to enter DBE Participation in the Equal Opportunity Compliance (EOC) System subsequent to contract award and any future contract amendments or task work orders (if applicable).

Firms listed in the table as DBEs should appear in the Department's listing of DBE's at:
<http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx>

Professional Services firms listed as "Non-DBE" Small Businesses should appear on the Department's listing of all Non-DBE Small Businesses at: <http://www2.dot.state.fl.us/procurement/professionalservices/lppc/sbeonly.htm>. Road and bridge construction firms and other non-professional services firms should appear on the Department's listing at: http://www2.dot.state.fl.us/sasweb/cgi-bin/broker.exe?_service=default&_program=inetprog.db2.smbusform.scf

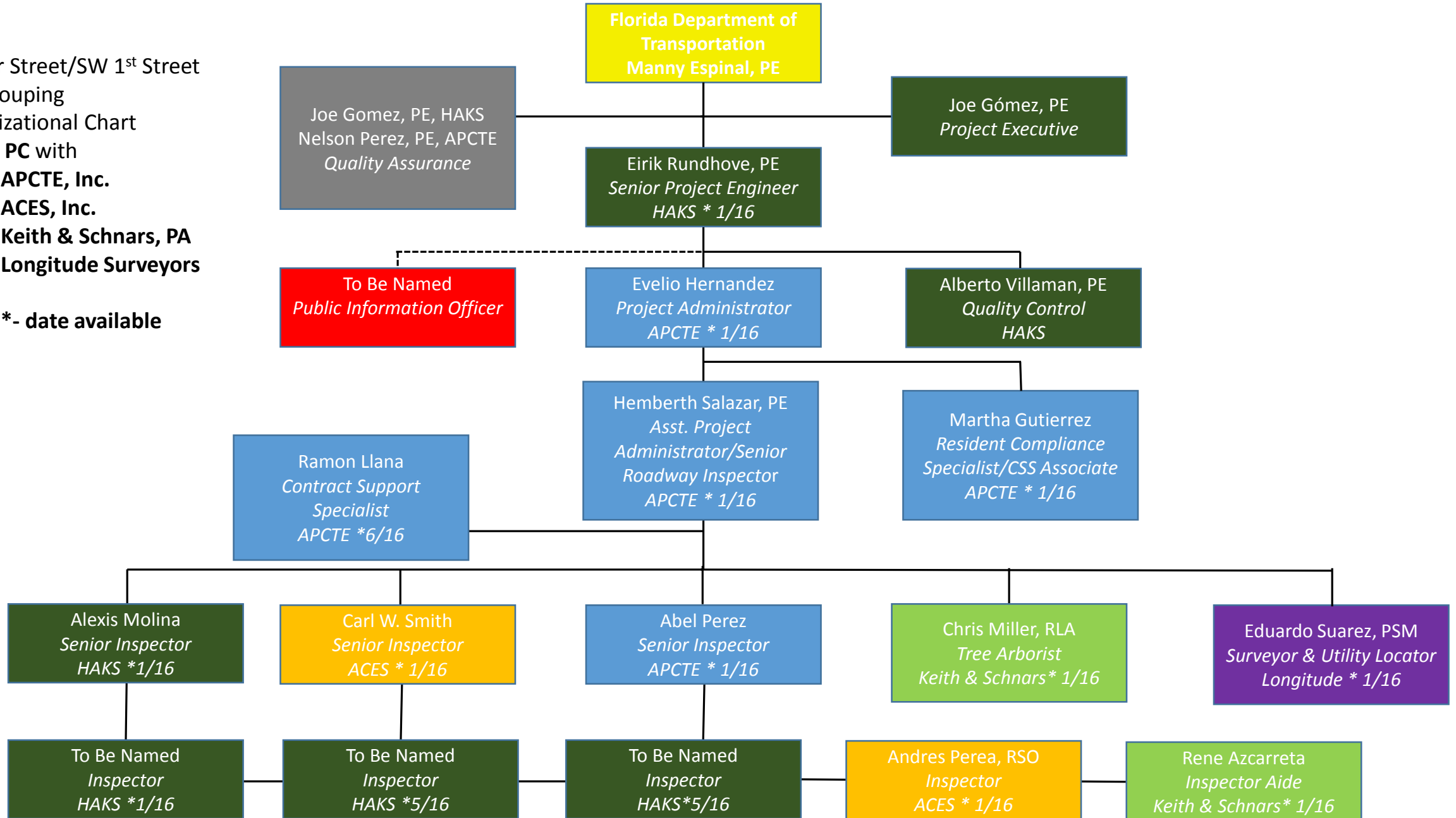
By: Joe Gomez, PE

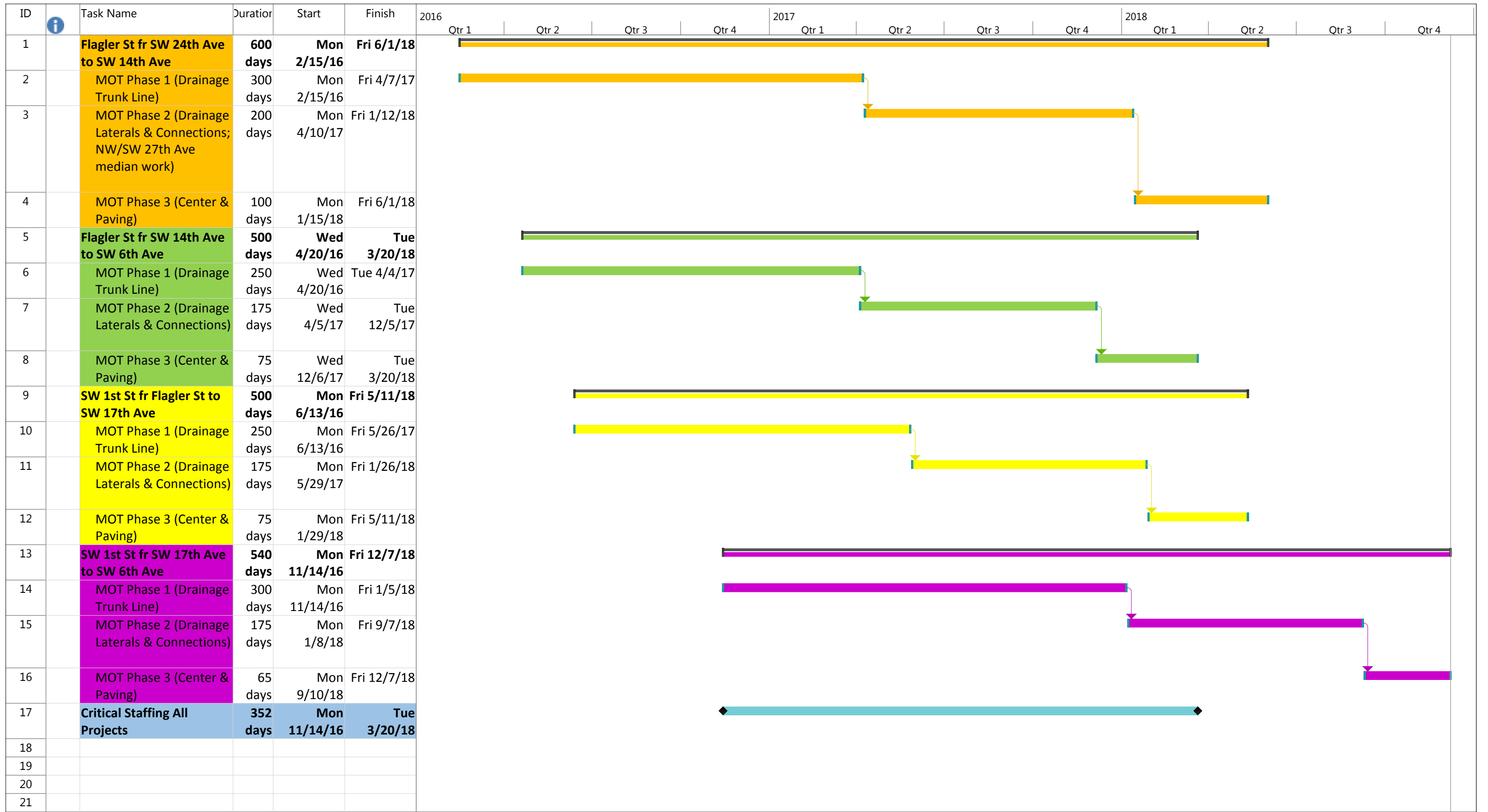
Title: Senior Vice President

Date: 5/8/2015

Flagler Street/SW 1st Street
 CEI Grouping
 Organizational Chart
HAKS, PC with
APCTE, Inc.
ACES, Inc.
Keith & Schnars, PA
Longitude Surveyors

* - date available





Project: Flagler Grouping CEI Schedul Date: Thu 5/7/15	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			



Financial Project ID(s): TBD
 Project Name: Flagler St/ SW 1st St CEI Grouping

Estimate of Work Effort

Name	Position	2016												2017												2018												Total	
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	MM	MH
Eirik Rundhove, P.E.	Senior Project Engineer	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	33.0	5445.0	
Evelio Hernandez	Project Administrator	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	33.0	5445.0	
Hemberth Salazar, P.E.	Assistant PA/SI	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35.5	5857.5	
Ramon Llana	Contract Support Specialist	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35.5	5857.5	
Martha Gutierrez	Associate CSS/RCS	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	35.5	5857.5	
Alexis Molina	Senior Roadway Inspector				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0										24.0	3960.0		
Carl Smith	Senior Roadway Inspector					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24.0	3960.0		
Abel Perez	Senior Roadway Inspector											1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	26.0	4290.0			
HAKS	Roadway Inspector				1.0	1.0						1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0										24.0	3960.0			
HAKS	Roadway Inspector					1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24.0	3960.0			
HAKS	Roadway Inspector											1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	26.0	4290.0			
K&S	Inspector Aide											1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0									18.0	2970.0			
TOTAL		2.5	5.0	5.0	7.0	7.0	9.0	9.0	9.0	9.0	9.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	338.5	55852.5			

The chart shows the estimated hours required for the project. Availability dates for each team member is indicated in the Project Staffing Matrix.

EIRIK RUNDHOVDE, P.E. *Senior Project Engineer*

Summary of Experience:

Education

Bachelor of Science, Civil Engineering, South Dakota School of Mines, 1973

Professional Registration

Professional Engineer – New York 1986, #063452; Missouri 1978, #17921; State of Florida 2014, #78386

Licenses and Certifications

NYSDOT Maintenance & Protection of Traffic
Florida QC Manager Certification
Florida Advanced Maint. Of Traffic Certification
Florida Earthwork Level I and II Certification
OSHA 10 Certificate

Mr. Rundhovde has over 30 years of Resident/Senior Project Engineering experience significantly in large, complex projects with staged construction in urban environment with extensive coordination with different Agencies, Businesses and Communities. He has broad experience with roadway, rail, marine and bridge rehabilitation and construction projects. He has particular expertise in the installation of auger piles, sheet piles, H-Piles, trenchless excavation and caisson foundations in difficult soils, including marine environments, as well as cofferdam construction, dewatering methods and perimeter flood protection.

- Resident Engineer for the \$41.7 million Reconstruction of Broadway in Lower Manhattan including installation of sewer and water mains, extensive replacement of underground electrical and communication utilities replacement and extensive business and community coordination. Responsibilities include leading and managing construction inspection services for the replacement of aged water mains, sewers, street lights, traffic signals, Con Edison and ECS utilities from Ann to Rector Streets and to construct a new roadway with, curbs and more. Four key issues that are being addressed during construction by HAKS are Improved Project Management Systems, Technical/Construction Factors, Safety and Maintenance and Protection of Traffic and Community

Concerns. The project involves extensive coordination with Wall Street business community and influential resident community. The project has substantial volume of pedestrian traffic and Pedestrian Managers are assigned to each Broadway intersection impacted by the construction. In addition NYCPD traffic agents are assigned to the project. The business community and residential community are kept informed of construction activities on a daily basis and are informed by construction bulletins issued weekly and monthly. In addition, Resident Engineer attend Community Board meetings representing the Agency providing project presentation and addressing Community concerns. Construction cost \$41.7 million (est.), (NYCDDC Reference: **Dushyant Rasjput, P.E. Telephone 212-442-5030**)

- Resident Engineer, Construction Inspection for I-287, Cross Westchester Expressway, Interchange 8, New York State Department of Transportation (NYSDOT), Region 8. Responsibilities include leading and managing construction inspection services for this major reconstruction project on I-287, Harrison and White Plains, NY. The work involves reconstructing approximately 1.2 miles of existing road and Interchange 8, and constructing 0.8 miles of new road. Extensive bridge work involves removal and replacement of two existing bridges and the construction of two new bridge. Installation of H-Piles, auger piles and steel sheet piles. Lagging walls and concrete retaining walls.

Site drainage work, earth work and embankment construction and flood protection. Culvert installations, culvert extensions and repairs, plus headwall and wing wall installations and repairs. Trenchless installation of pipes and removal of contaminated soils, ACM and lead paint. Construction Cost \$55 million. **(NYSDOT Reference: Kerril Hynes, P.E. Telephone 845-476-4983)**

- Resident Engineer for MTA Bridges and Tunnels, Henry Hudson Bridge, Lower Level Deck Replacement, HH80. Responsibilities included managing and leading resident engineering and construction inspection services for the lower level deck replacement, structural steel replacement and repairs; complete reconstruction of the north approach structure; new bridge lighting and drainage; seismic retrofitting. Removal of ACM, lead paint and contaminated soils. Construction Cost \$85 million. **(TBTAMTA Reference: Terry Cullen Telephone: 212-304-5018)**
- Resident Engineer for NYSDOT Contract D257503 Route 9A Reconstruction, Segment 3, New York, NY. Responsible for leading construction inspection services for this roadway reconstruction project that was performed in four stages inside concrete barrier closures while traffic was maintained in all directions. Construction activities included removal of existing roadway, installation of new underground utilities, including 20-inch and 48-inch-diameter water lines, electrical and communication duct banks, storm and sanitary sewer lines, tide gates and regulators, and construction of a new European design 50-year concrete pavement. The project also included extensive urban design and plantings with irrigation. This fast-track construction project with extensive bonuses for early completion was a highly visible project involving intensive community participation, strict environmental restrictions, and participation from federal, state, city, and local utilities. Construction Cost \$72 million. **(NYSDOT Reference: Craig Ruyle, P.E. 917-682-3130)**
- Resident Engineer for NYSDOT Contract 3A D254955 and 3B D254956 Bruckner Expressway Reconstruction, Bronx, NY. Responsible for resident engineering services for rehabilitation of a 2.5-mile portion of the Bruckner Expressway and Sheridan Expressway and the ramps at the Triborough Interchange. The work was done in four stages inside concrete barrier closures while traffic was maintained in all directions. Construction activities included the removal and replacement of existing concrete deck and placement of a high density concrete overlay, and replacement of bearings, retrofitting for earthquake resistance, and the maintenance and protection of traffic, on-site field tests of all materials and items of work, field measurements and collection of data necessary to prepare monthly progress and payment reports, final estimates. Construction Cost \$75 million. **(NYSDOT Reference: Albert Wong, P.E. 718-482-4801)**



Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Eirik Rundhovde

Has completed the requirements for:

Earthwork Construction Inspection - Level 1

Expiration Date: April 29, 2020*



Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.



Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Eirik Rundhovde

Has completed the requirements for:

Earthwork Construction Inspection - Level 2

Expiration Date: April 29, 2020*



Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.



Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Eirik Rundhovde

Has completed the requirements for:

QC Manager

Expiration Date: Does Not Expire*



Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.

Alexis Molina *Senior Bridge and Roadway Inspector*

Mr. Molina has agreed to join HAKS, PC as a full-time Senior Road Inspector in the event we are selected by District 6 for Flagler Street/SW 1st Street CEI Grouping Project.

Education

Institute Superior Jose A. Echevarria, Havana, Cuba – B.S. Civil Engineering 1998

Certifications

TIN # M450014652300
CTQP Concrete Field Tech I & II
CTQP Asphalt Paving I & II
CTQP Earthwork Inspection I & II
CTQP Drilled Shaft Inspection
CTQP Final Estimate I
CTQP Pile Driving Inspection
ACI Concrete Field Testing Tech I
ACI Concrete Trans. Construction Inspector
IMSA Traffic Signal Technician Level I
IMSA Fiber Optics for ITS Level I
FDOT MOT Intermediate
FDOT Troxler Transportation
Nuclear Radiation Density
TROXLER Hazmat
Qualified Stormwater Management Inspector
OPSHA 10 Hour Construction Safety
Critical Structures Construction Issues
Auger Cast Pile Inspector
MSE Wall Inspector

Summary of Experience

I am a graduate in engineering with over 20 years in the construction/ engineering field. My experience encompasses inspection of roadways widening and reconstruction, bridges, drainage activities, maintenance of traffic and toll facilities projects for the Miami Dade Expressway Authority, Florida Department of Transportation and Miami Dade Public Works Department.

- Project: Florida's Turnpike Enterprise District VIII/ HEFT Widening SW 216th to Eureka Dr. Project, Miami-Dade County, FL. FIN 415488-1-62-01
Dates of Service: August 2013 – March 2015
Employer: American Engineering Group
Ref: Pacifico Castillo, P.E., FTE – Project Manager, 954-444-8050, pacifico.castillo@dot.state.fl.us
Position Held: Senior Bridge Inspector
Areas of Responsibility: Inspections of roadway and bridge widening, milling and resurfacing, MSE Walls, Sound Walls, drainage systems, overhead signs, ITS structures and features, signalization, lighting and landscaping (Project cost \$41 million).
- Project: Florida's Turnpike Enterprise (FTE)/Resurface-HEFT/ SR 874 Slip Ramp (FIN 426155-1-52-01/426155-1-52-02)
Dates of Service: September 2011 – July 2013
Employer: American Engineering Group
Ref: Mario Rojas, PE, Project Manager, 305-986-6417
Position Held: Senior Bridge Inspector
Areas of Responsibility: Assigned to HEFT/SR 874 Slip Ramp project as a Senior Bridge Inspector responsible for all bridge construction activities, including, pile driving, drilled shafts, bridge demolition, substructure and superstructure, Site manager & LIMS reports.
- Project: Florida's Turnpike Enterprise (FTE)/HEFT All Electronic Tolling /ARRA-047-B (FIN 417547-1-52-01)
Dates of Service: February 2010 – August 2011
Employer: American Engineering Group
Ref: Mario Rojas, PE, Project Manager, 305-986-6417
Position Held: Senior Roadway Inspector

Areas of Responsibility: Phase 3, conversion of the mainline and ramp toll plaza's along the HEFT in Miami-Dade/Broward Counties on All Electronic Tolling facility from north of SR 836/Dolphin Expressway to northern terminus of the HEFT at Turnpike Mainline, including County Line Road ramp toll plaza on the Turnpike Mainline. Work included, but not limited to, modifications to FTE Miramar mainline plazas and 17 ramp toll plazas. I was responsible for inspecting the project's building, concrete placement and tunnel demolition, roadway reconstruction, maintenance of traffic, signing, lighting modifications, drainage modifications, intelligent transportation system (ITS) preservation, toll plaza fiber optic connections and toll equipment structure installation.

- Florida Department of Transportation (FDOT) District IV/SR25/US 27 Milling and Resurfacing Project (FIN 413842-1-62-01/414061-1-62-01)

Dates of Service: July 2008 – February 2010

Ref: Jacques Beaubrun, Project Manager, 561-719-7812

Position Held: Senior Bridge Inspector

Areas of Responsibility: I served as a Senior Bridge Inspector responsible for all bridge activities, including, pile driving, concrete testing, canal dredging, Site manager & LIMS reports and all general bridge inspections. The project included demolition and reconstruction of two low level concrete deck bridges, supported by AASHTO beams and 24" pre-stressed concrete piles, additionally, milling and resurfacing of 22.5 miles along the two-lane divided highway, signing & paving markings, roadway widening and Miami Canal dredging.

- Florida's Turnpike Enterprise (FTE) Sawgrass Widening II (FIN 406147-1-52-01/420289-1-52-03)

Dates of Service: February 2008 – May 2008

Employer: American Engineering Group

Ref: Mario Rojas, P.E, Project Manager, 305-986-6417

Position Held: Roadway Inspector

Areas of Responsibility: Responsible for supervising the construction, installation and material testing of a noise wall and ITS system. Duties included Verification of contractors QC plan, concrete testing, concrete reports, field books, daily reports and assisted other operations such as excavations, embankment, base inspection and asphalt pavement. Performed maintenance of the traffic and environmental inspections and worked closely with the Contract Support Specialist ensuring that all required documents are submitted.

- Project: Florida Department of Transportation (FDOT) District IV/SR25/US 27 Milling and Resurfacing of 20 Miles of Highway (FIN 403617-1-62-01)

Dates of Service: March 2007 – January 2008

Employer: American Engineering Group

Ref: Jacques Beaubrun, Project Manager, 561-719-7812

Position Held: Senior Roadway Inspector

Areas of Responsibility: Inspection of Milling and resurfacing operations responsible for all paving operations including verification of Contractor's CQC plan. This project included the milling/resurfacing of 20 miles along two-lane divided highway, signing and paving markings.



Florida Department of Transportation's
Construction Training Qualification Program

ALEXIS MOLINA

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
M45001465	Asphalt	Asphalt Paving Technician - Level 1	10/26/2016
M45001465	Asphalt	Asphalt Paving Technician - Level 2	3/22/2018
M45001465	Concrete	Concrete Field Technician - Level 1	10/23/2015
M45001465	Concrete	Concrete Field Technician - Level 2	10/23/2015
M45001465	Earthwork	Earthwork Construction Inspection - Level 1	5/1/2020
M45001465	Earthwork	Earthwork Construction Inspection - Level 1	5/14/2015
M45001465	Earthwork	Earthwork Construction Inspection - Level 2	10/11/2017
M45001465	Geotech	Drilled Shaft Inspection	9/13/2019
M45001465	Geotech	Pile Driving Inspection	5/1/2018
M45001465	Management	Final Estimates - Level 1	7/21/2017

Back

134215



RAMON LLANA, E.I.

Contract Support Specialist (CSS)

Apcte Tenure: 3 1/2 Years
Industry Experience: 25 years
Office Location: Doral, Florida

Education:

Bachelor of Science in Civil Engineering, Florida International University, 1984.
Associate of Arts in Civil Engineering, Miami-Dade Community College, 1979.

Professional Certifications:

Engineer Intern, FL No. 492ET086
A.C.I. Concrete Field Testing
CTQP Asphalt Paving Technician, Level I & II
CTQP Drill Shaft
CTQP Earthwork, Level I
CTQP Final Estimates, Level I & II
CTQP Pile Driving
CTQP QC Manager
ATSSA Worksite Traffic Supervisor
Miami-Dade County Traffic Safety in the Workplace Program
FDOT Base Testing
International Municipal Signal Association
MSE Wall
MEW-Basic/Multiline Earthwork
Traffic Signal Seminar

Mr. Llana has extensive experience as a Contract Support Specialist in FDOT District VI projects including the \$170 Million Design-Build project for the replacement of the Jewfish Creek Bridge in the Keys and, the \$58 Million NW 25th Street Viaduct Bridge project (West Phase) in Doral, Florida.

JULY 2012 TO PRESENT – NW 25TH ST. FROM SR 826 TO NW 89TH COURT VIADUCT WEST PHAST (FDOT FIN: 251185-1-52-01 / 405665-1-52-01).

Role on the Project: Contract Support Specialist. Responsible for project quantities, monthly payment estimates, work orders, supplemental agreements, and all necessary documentation to complete the project's final acceptance. Contact Name: Dari Vorce (305) 525-4951.

NOVEMBER 2011 TO JULY 2012 – CITY OF MIAMI CAPITAL IMPROVEMENT PROJECTS

Role on the Project: Project Manager. Responsible for supervising Roadway/MOT activities which included MOT setup, drainage construction, curb & gutter and sidewalk construction, traffic circle construction, signage and pavement markings and reviewing contractor's pay invoices. Assisting City of Miami Project Manager in reviewing plans and pay estimates for the following projects:

B-30732 NW 23rd Ct., B-30705 NW 24th St., B-30168A NW 19th Ave., B-40672D NW 31th St., B-40704A NW 24th St., B-30717 NW 31th Ave. and 4th St., B-30722 NW 31st St. from 7th to 9th ave., B-30729 NW 17th Terr. From 28-29 ave., and B-30167D. Contact Name: Maurice Hardie (305) 724-8840.

MARCH 2005 TO NOVEMBER 2011: US-1/SR-5 IMPROVEMENT PROJECT

This \$330 Million project consisted of the Reconstruction of US-1 from Florida City to Key Largo. Role: Contract Support Specialist. The reconstruction consisted in construction a two lane divided highway with inside and outside shoulders divided by a concrete median barrier wall. It also included the construction of Jewfish Creek Bridge a Category 2 bridge which replaced the existing drawbridge along US-1, C-111 Canal Bridge, three Wildlife Crossing bridges, Box Culverts, Water main construction and AT&T duct bank placement. As the Contract Support Specialist, I am responsible for Project Document control, Engineering Submittals tracking and coordination, Supplemental Agreements and Work Orders, Progress and Final estimates, project closeout, Profilereports, Field Books reconciliation, ARRA reporting. Contact Name: Dari Vorce (305) 525-4951.

06/99 – 03/05: SERVED AS PROJECT ADMINISTRATOR ON THE FOLLOWING PROJECTS:

NW 14TH STREET PROJECT, MIAMI, FL

This project consisted in the widening and reconstruction of NW 14th from 22nd Ave to 34th Ave., this project included sidewalk construction, drainage, milling and resurfacing, brick pavers placement and striping. As a Roadway Project Administrator I was responsible for all project coordination with the City of Miami. I also supervised the Field Inspection staff, was in charge of Public Involvement functions, Project Document control, Testing, Compliance with Plans and Specifications and Quantities. Contact Name: Barbara Espino Perez (305) 640-7400.

**RAMON LLANA, E.I.**

PAGE 2/2

Contract Support Specialist (CSS)

MIAMI INTERMODAL CENTER (MIC), MIAMI, FL

This project included the widening and reconstruction of NW 25th and NW 26th St and NW 37th Ave., it also included drainage, sidewalk construction, and striping. As a Roadway Project Administrator I was responsible for all project coordination. I also supervised the Field Inspection staff, was in charge of Public Involvement functions, Project Document control, Testing, Compliance with Plans and Specifications and Quantities.

FLAGLER STREET FROM 27TH TO 69TH AVE., MIAMI, FL

This project consisted in milling and resurfacing this five-lane roadway; it also included the replacement of all signalization, signage, striping and pedestrian ramps along Flagler St. As a Roadway Project Administrator two of my main responsibilities were MOT and Public Involvement due to the number of businesses and residential complexes along this project. I was also responsible for all project coordination, supervised the Field Inspection staff, Project Document control, Testing, Compliance with Plans and Specifications and Quantities.

PALMETTO EXPRESSWAY, MIAMI, FL

This project included the construction of Auxiliary Lanes and Eastbound Exit Ramps at SR826 and NW 67th and 57th Avenues. As a Roadway Project Administrator I was responsible for all project coordination. I also supervised the Field Inspection staff, was in charge of Public Involvement functions, Project Document Control, Testing, Compliance with Plans and Specifications and Quantities.

SERVED AS CONTRACT SUPPORT SPECIALIST ON THE FOLLOWING PROJECTS:**BISCAYNE BOULEVARD & IVES DAIRY ROAD, MIAMI, FL**

This project consisted in the construction of a raised intersection over Biscayne Blvd in the City of Aventura. As the Contract Support Specialist, I am responsible for Project Document control, Engineering Submittals tracking and coordination, Supplemental Agreements and Work Orders, Progress and Final estimates, project closeout, Profile reports, Field Books reconciliation.

PALMETTO EXPRESSWAY EXPANSION PROJECT FROM US-1 TO SUNSET DRIVE, MIAMI-DADE COUNTY, FL

This project consisted in the widening and reconstruction of SR826, the construction of MSE walls, and a Steel girder bridge connecting Kendall Drive with SR826, a Texas U-turn connecting SR826 with Dadeland Mall and widening of existing bridges along SR826. It also included street lighting, drainage and signalization. As a Roadway/Bridge Project Administrator I was responsible for

supervising the Field Inspection staff, Contract Documentation, Testing, Compliance with Plans and Specifications and Quantities. I was also responsible for supervising MOT activities required for pile driving, crane movements, and asphalt placement. I was in charge of coordination with different Agencies and Dadeland Mall.

GOLDEN GLADES HOV PROJECT, MIAMI, FL

This project consisted of the construction of a Category 2 HOV Flyover over I-95; it also included the construction of MSE walls, drainage, and the widening and reconstruction of I-95. As a Senior Bridge inspector I was responsible for assigning tasks to bridge inspectors. I also supervised all aspects of bridge construction including pile driving, columns, caps, beam placement, concrete deck pours. As the Contract Support Specialist, I am responsible for Project Document control, Engineering Submittals tracking and coordination, Supplemental Agreements and Work Orders, Progress and Final estimates, project closeout, Profile reports, Field Books reconciliation.

01/91 – 06/92: SENIOR BRIDGE/ROADWAY INSPECTOR TAMIAMI TRAIL RECONSTRUCTION PROJECT, MIAMI, FL

Widening and reconstruction of SW 8th Street, which included drainage, signalization, bridge construction, lighting and striping. As the Senior Inspector for both the Bridges and Roadway I was responsible for supervising the Field Inspection staff, Contract Documentation, Testing, Compliance with Plans and Specifications and Quantities. I was also responsible for supervising MOT activities for the different phases of construction and asphalt placement.

I-95 PROJECT FROM IVES DAIRY ROAD TO GRIFFIN ROAD, MIAMI-DADE AND BROWARD COUNTIES, FL

This project consisted of the Reconstruction of I-95, which included bridge construction, MSE walls, drainage, lighting, and asphalt. As a Senior Inspector I was responsible for monitoring the asphalt placement, concrete construction and retaining earth wall construction.

OCEAN DRIVE RENOVATION PROJECT, MD COUNTY, FL

This project consisted on the Reconstruction of Ocean Drive, which included water line construction, drainage construction and roadway reconstruction. As a Roadway Project Administrator I was responsible for all project coordination with the City of Miami Beach. I also supervised the Field Inspection staff, was in charge of Public Involvement functions, Contract Documentation, Testing, Compliance with Plans and Specifications and Quantities. Responsible for supervising water line placement, drainage construction, street lighting, roadway construction, striping, irrigation system and landscaping.



EVELIO HERNANDEZ

Project Administrator

Mr. Hernandez has 40 years of experience with the Florida Department of Transportation both in-house and as a Consultant, 25 years in construction and 15 years in roadway design. Specific areas of expertise include project administration, construction management, roadway design, bascule bridge and roadway construction inspection and surveying. While with the FDOT, Mr. Hernandez has held several positions ranging from Construction Project Manager, District Estimates Engineer, Final Plans and Contracts Engineer, Design Squad Leader, and Bridge and Roadway Inspector.

APCTE Tenure: 8 years
Industry Experience: 40 years
Office Location: Doral, Florida

Education:
Undergraduate Civil Engineering
Course Work
Miami-Dade Community College,
Miami, Florida, 1979 - 1985.
Availability: September 2013

Certifications and Qualifications:
TIN No. H65520651-000
CSX Roadway Worker Protection
Bridge Construction Inspection
Bridge Painting, Lead Awareness
Bicycle Planning and Facilities
Workshop
Safety Design and Operational
Practices for Streets and Highways
Construction Contract Interpretations
Construction Claims
Design and Operation of Work Zone
Traffic Control
Developing Supervisory Leadership
Skills
Final Estimates Preparations
Geometric Design Workshop
Value Engineering
Asphalt Paving Inspector Level I
Asphalt Paving Inspector Level II
FDOT Concrete Specifications (346 &
400)
Pile Driving Installation
Final Estimates, Level I
Final Estimates, Level II
Quality Control Manager
Nuclear Gauge Safety Training
Work Zone Traffic Safety Intermediate
Work Zone Traffic Safety Advanced
Concrete Field Technician Level I & II

RELEVANT EXPERIENCE:

A & P CONSULTING TRANSPORTATION ENGINEERS, CORP. 2004 TO PRESENT: PROJECT ADMINISTRATOR

As a P.A., Mr. Hernandez is responsible for day to day project activities to ensure contractor compliance with the plans and specifications and environmental permits; construction quality assurance; assigning duties to the CEI inspectors; coordinating utility work; reviewing CPM Schedule, preparation and submittal of Final Estimate, and assisting the Senior Project Engineer as needed.

JANUARY 2015 TO PRESENT: PROJECT ADMINISTRATOR - FDOT DISTRICT 4 - SR-93 /I-75 MANAGED LANES, SEGMENT C:

This \$85.2 Million Design-Build project calls for the implementation of express-lane along I-75 from south of Miramar Parkway to South of Sheridan Street. This is one of five projects within this District IV corridor that runs from NW 170th Street in Miami-Dade County to I-75 in Miami-Dade County, The project calls for construction within the existing 166-ft wide median a four lane divided toll road. Project also include construction of a new bridge over I-75 at Pembroke Road and replacement of the existing Miramar Parkway overpass bridge including the total reconstruction of the interchange. Mr. Hernandez serves as the Project Administrator for all bridge construction in the project. Contact Name: Antonio Castro, P.E. (954) 448-2905.

JULY 2011 TO MARCH 2015: PROJECT ADMINISTRATOR – FDOT DISTRICT 4 - SR-862/ELLER DRIVE INTERCHANGE IMPROVEMENTS.

This \$38 Million project includes 4 new bridges, mechanically stabilized earth walls, railroad construction, water main, sanitary force main, high mast street lighting, traffic signals, drainage, concrete roadway pavement and other relative items. FDOT Contact person: Roxanne Riggs, P.E. (954) 931-6187.

07/2010- 07/2011: CONTRACT SUPPORT SPECIALIST/SENIOR BRIDGE INSPECTOR-FDOT DISTRICT 6- NW 25TH STREET VIADUCT.

This \$115 Million construction project included two new viaduct bridges and new roadway construction with MSE walls, drainage and pavement. Mr. Hernandez was assigned the task of completing and submitting the Final Estimates Package. FDOT Contact Person: Mr. Mario Cabrera, P.E 305.216.4962.

06/2008-07/2010: PROJECT ADMINISTRATOR-FDOT DISTRICT 6- SR-7/5TH STREET MIAMI RIVER BRIDGE REPLACEMENT.

This \$59 million construction project included

**EVELIO HERNANDEZ**

Project Administrator

PAGE 2/2

construction of a new bascule bridge with mechanical and electrical components and new roadway construction with MSE walls, drainage and pavement. FDOT Contact Person: Mr. Mario Cabrera, P.E. 305.216.4962.

07/2009-07/2011: PROJECT ADMINISTRATOR – FDOT DISTRICT 4 - DEERFIELD BEACH TRAIN STATION AND MUSEUM REHABILITATION PROJECT. This is a \$ 1.3 Million design build project calling for rehabilitation of the Tri-Rail Station Ticket Office and Ancillary Historical Museum. His major contribution was assisting the Department's Project Manager in coordination activities with Amtrak, Tri-Rail, and the City of Deerfield Beach. FDOT Contact Person: Jessie Smiley, P.E, 954.270.2406.

08/2007-09/2008: PROJECT ADMINISTRATOR – FDOT DISTRICT 4- MISCELLANEOUS CEI CONTRACT- BRIDGE FENDER REHABILITATION UNDER I-95 ON THE DANIA CUTOFF CANAL; On this \$916,370 Bridge Rehabilitation, Mr. Hernandez was responsible for overseeing cost, quality of work in conformance to plans and specifications, contractor performance in all phases by the team of inspectors, reviewing schedule, and preparation of the monthly contractor payments, preparation of Supplemental Agreements and Work Orders, and preparation of the Final Estimate. FDOT Contact Person: Mr. Ehgbal Jalali 954.290.4261

08/2006 – 06/2007: PROJECT ADMINISTRATOR – FDOT DISTRICT 4- BASCULE BRIDGE REHABILITATION ON HOLLYWOOD BOULEVARD OVER THE INTRACOASTAL WATERWAY AND A-1-A. On this \$11,200,000 Bascule Bridge Rehabilitation, Mr. Hernandez was responsible for overseeing cost, quality of work in conformance to plans and specifications, contractor performance in all phases by the team of inspectors, reviewing schedule, and preparation of the monthly contractor payments, preparation of Supplemental Agreements and Work Orders, and preparation of the Final Estimate . His duties included handling all day to day activities that are usually shared with one Sr. Project Engineer, an Office Engineer and one Secretary. His staff was limited to a Part time Sr. P.E. and two full time inspectors with support on an as-needed basis from additional inspection firms. FDOT Contact Person: Mr. Ehgbal Jalali 954.290.4261

07/2004 – 08/2006: PROJECT ENGINEER – WASHINGTON AVENUE IMPROVEMENTS FROM 5TH STREET TO 16TH STREET

IN THE CITY OF MIAMI BEACH. Responsible for overseeing the construction operations, administration, management and quality control of the project. This Project included replacement of the City's water, sewer and drainage systems in a highly visible location. Mr. Hernandez was the key coordinator for construction, design and utility conflicts. Contact Person: Mr. Albert Dominguez 786.402.9942

URS – MIAMI, FLORIDA**04/2002 - 10/2003: PROJECT ENGINEER - REHABILITATION OF DANIA BEACH BOULEVARD – SR A1A OVER I.C.W.W.**

On this \$5,000,000 Bascule Bridge Rehabilitation, he was responsible for overseeing cost, quality of work in conformance to plans and specifications, contractor performance in all phases by the team of inspectors, reviewing contractors schedule, and review and approval of the monthly contractor payments. FDOT Contact Person: Mr. Ehgbal Jalali 954.290.4261

08/2001 - 03/2002: PROJECT ENGINEER – FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT VI. PERFORMED CONSTRUCTABILITY REVIEWS.

FDOT Contact Person: Mr. Mikhail Dubrovski (305) 640-7448.

07/2000 - 8/2001: OFFICE ENGINEER - SUNNY ISLES BRIDGE REHABILITATION PROJECT. This project consisted of the rehabilitation and repairs of the two existing Bascule Bridges over the Intracoastal Waterway in the City of Sunny Isles, Miami-Dade County. Responsible for completion of the final estimate package. Specific duties include the preparation of the final quantities and close out of pay items.

FLORIDA DEPARTMENT OF TRANSPORTATION - D6

1999 – 2000: PROJECT ENGINEER / OFFICE ENGINEER – DISTRICT SIX MIAMI BEACH SIGNALIZATION PROJECT. Responsible for overseeing costs, contractor performance, quality of work in conformance to plans and specifications, reviewing contractor's monthly request for payment and reviewed contractors schedule.



APCTE Tenure: 6 years
Industry Experience: 9 years
Office Location: Doral, Florida

EDUCATION:

BS in Civil Engineering, Florida International University, Miami, Florida, 2012. (Graduated Summa Cum Laude)
Civil Engineering (AA), Miami Dade College, Miami, Florida, 2010.

Certifications and Qualifications:

TIN No. S42632077-000
Engineering Intern License No. 1100017450
Registered to seat for the PE Examination October 2013
Graduated from FDOT Construction Academy 2013 (1st place award)
Critical Structures Construction Issues (self-study) 2013
FDOT District 4 and 6 LIMS
FDOT District 4 and 6 Site Manager
FDOT Project Management
Asphalt Paving Inspector, Level I & II
FDOT Concrete Specifications
FDOT Auger Cast Pile
FDOT MSE Wall
Drilled Shaft Inspection
Pile Driving, Module (Recertification May 13th, 2013)
Earthwork Const. Inspection, Level I
Earthwork Const. Inspection, Level II
Quality Control Manager
Final Estimates, Level I & II
Concrete Field Testing Technician, Level I
Concrete Field Testing Technician Transportation, Level II
Nuclear Gauge Safety Training
Radioactive Safety Officer

HEMBERTH SALAZAR, P.E.

Assistant Project Administrator/Senior Inspector

Mr. Salazar is an accomplished Senior Roadway/Bridge Inspector who has acquired significant experience both as a Contract Support Specialist and Quality Control Manager. He has experience supervising concrete and earthwork operations, drainage construction particularly pipe backfill and milling and resurfacing operations in seven FDOT Projects. Mr. Salazar also serves as CEI Operations Engineer responsible for marketing support, training of CEI and QC staff, oversight of radioactive license and supervision of overall CEI field operations activities.

KEY PROJECTS

AUGUST 2014 TO PRESENT. MDX SR-836 INFRASTRUCTURE MODIFICATIONS FOR OPEN ROAD TOLLING (ORT):

Mr. Salazar currently serves as Senior Roadway Inspector for this \$12.6 Million Design-Build Miami-Dade Expressway Authority (MDX) ORT conversion project in SR-836. MDX is in the process to transitioning all corridors to ORT. The goal of this project is to provide the infrastructure necessary to convert the SR-836 between NW 137th Avenue and SR-826 to an Open Road Facility. The project includes the construction of 5 new toll gantry structures and modification to three currently existing in the SR-836 corridor. In addition construction of an exit ramp from SR-836 west bound to access the FDOT District VI Office is also part of this contract. Contact Name: David Chang (305) 265-5492.

JUNE 2014 TO AUGUST 2014: Waiting for Next Assignment

09/13 TO MAY 2014: TRAFFIC SIGNAL HANGER RETROFIT FOR FDOT D4.

Serving as Senior Roadway Inspector overseeing the retrofit of traffic signal hangers in over 100 signalized intersections all around Broward County as part of the Traffic Signal Inspection Staff in the FDOT Broward County Operations Center. FDOT Contact: Tim Butler (954) 868-7232.

06/13 TO 08/13: Waiting for Next Assignment

11/12 TO 05/13: MAINTENANCE ENGINEERING INSPECTION (MEI), CONTRACT FOR FDOT DISTRICT VI/SENIOR CONTRACT INSPECTOR.

Responsible for Construction Engineering and Inspection of multiple Maintenance Contracts related to concrete, asphalt and fencing projects working out of the North Dade Maintenance Office. Responsible for preparation and tracking of all project documentation and inspection daily reports to deliver each maintenance contract to completion as required by FDOT procedures. FDOT Reference: Skip Bechtold (305) 601-7155.

04/11 – 12/12: CEI CONTRACT SUPPORT SPECIALIST / SENIOR INSPECTOR

Assigned to this D4 FDOT hybrid project which involved the Henry Kinney Tunnel. Project includes concrete spall repairs, structural steel rebar installation, expansion joints repair and a new Cathodic Protection System. FDOT Contact: Hewrald Humes, E.I. (954) 734-3827

04/11 – 12/12: CEI CONTRACT SUPPORT SPECIALIST / SENIOR INSPECTOR

**HEMBERTH SALAZAR, P.E.**

PAGE 2/2

Assistant Project Administrator/Senior Inspector

Assigned to this D4 FDOT hybrid project which involves milling and resurfacing of SR 5/US-1 from North of SE 17th St to Broward Blvd. The project included miscellaneous safety, median landscape, signalization, drainage, signing improvements. It also included the reconstruction of a new approach slabs, wing walls, barrier walls, traffic separators, sidewalks and removal and application of new structural steel coating on the Tarpon River Bridge. FDOT Contact: Hewrald Humes, E.I. (954) 734-3827

06/10 – 04/11: ROADWAY / BRIDGE INSPECTOR

NW 25th Street Viaduct. Responsible for inspecting and documenting the contractor's daily activities, on site materials sampling and testing, lab test results, documentation of quantities, material certifications, and field documentation of daily construction activities (site-manager and LIMS). Heavy involvement in storm drainage, French drain, and culvert installations spanning the entire project from NW 67th Ave to SR 826. FDOT Ref. District 6/ Dari Vorce/ (305)640-7412.

07/09 – 06/10: CEI SENIOR ROADWAY INSPECTOR FOR FDOT D6 SR 916 (NW 135TH ST/OPA-LOCKA BLVD) FROM NW 47TH AVE THRU NW 30TH AVE (LENGTH OF PROJECT: 1.691 MILES)

Mr. Salazar served as Senior Roadway Inspector responsible for the supervision of all construction inspections such as concrete and asphalt paving activities related to milling and resurfacing of Opa-Locka Blvd (NW 135th St), in charge of the inspection of Drilled Shaft Operation for new Mast Arms installation, all Signalization activities, installation of new controllers and service, ADA compliance, paving marking, supervision and revision of monthly project cost estimates, responsible for checking engineering computations, as well as field testing of construction materials being incorporated into the project, is responsible for documentation of all roadway construction activities in an electronic daily construction report on Site Manager (Database System). FDOT Contact: Jackie Sequeira, P.E. (305) 640-7400 / Ivan Hay, P.E. (305) 986-2575

01/09 – 06/09: Special Contract Support Specialist for MIC Terminal Access Roadway FIN No. 249937-4-52-01 FDOT D6. Assigned to finalize material certification and final estimate submittal for GMP No. 2 group of projects of the Miami Intermodal Center (MIC). Responsible for compiling all relevant project documentation obtaining materials certification and resolving all LIMS issues. FDOT Contact: Mario Cabrera, P. E, (305) 216-4962; Isa Nunez, P.E. (305) 986-2551

03/08 – 12/08: CEI Senior Roadway Inspector for FDOT D6 SR 973 (Galloway Rd.) from SW 41st St thru SW 96th St (Length of Project: 3.5 Miles) - Mr. Salazar served as Senior Inspector responsible for the supervision of all asphalt paving activities related to milling and resurfacing of Galloway Road (87th Ave), supervision and revision of monthly project cost estimates, responsible for checking engineering computations, and construction inspections, as well as field testing of construction materials being incorporated into the project, was responsible for documentation of all roadway construction activities in an electronic daily construction report on Site Manager (Database System). Also completed preparation and submittal of all Final Estimate documents including final asphalt pavement report, documentation and quantity determination. FDOT Contact: Mario Cabrera, P. E, (305) 216-4962

11/07 – 03/08: CEI Senior Roadway Inspector for FDOT D4 SR 838 (Sunrise Boulevard) @ SR 7 Sidewalk Project next to the "SFWMD Canal C-12" in Broward County. Responsible for overseeing the construction operations and documentation of all roadway construction activities in a daily construction report, sidewalk, pedestrian/bicycle railing, lighting, riprap fabric formed concrete to stabilized canal C-12 at Sunrise Blvd, concrete report, and density log book, including but not limited to inspection of earthwork, drainage, signalization, highway lighting, asphalt paving, and Sand Cement Rip-Rap operations. Also construction of a removable metal sidewalk spam over existing utilities, sheet piles, concrete cap, barrier wall, pipe, endwall and signs. FDOT Contact: Donald VanWhervin, P. E, (954) 677-7016

09/07 – 11/07: CEI Senior Roadway Inspector for FDOT D4 SR 84 @ SR 817 (University Dr.) Intersection in Broward County. Responsible for overseeing the construction operations of all roadway construction activities, including but not limited to inspection of earthwork, drainage, concrete, signalization, striping, highway lighting and asphalt paving. FDOT Contact: Donald VanWhervin, P. E, (954) 677-7016

10/06 – 09/07: CEI Senior Roadway Inspector for Miami- Dade Department of Environmental Management (DERM). In charge of supervising two DERM FEMA Projects with three different contractors related with performance of Drainage Improvements in several areas within Miami Dade County. Supervised eight Inspectors (four in each Project). In charge of all contract administration, as built documentation and daily reports. Processed approval of all payment requisitions. Coordinated all inspection work in the field as per instructions of Miami-Dade County.



ABEL PEREZ

Senior Roadway Inspector

Mr. Perez has close to 10 years in construction engineering and inspection in major projects for FDOT District VI and VI, including experience in construction of complex Category II Bridges. He also has excellent experience in construction of roadway infrastructure with emphasis in inspection of street lighting and signalization. In addition, he is a certified Bridge Coating Inspector with significant experience in inspections of coating applications for structural steel bridges that are part of the MDX System

KEY PROJECTS

03/15 TO PRESENT: AUGUST 2014 TO PRESENT. MDX SR-836 INFRASTRUCTURE MODIFICATIONS FOR OPEN ROAD TOLLING (ORT):

Mr. Perez currently serves as the Structural Coating Inspector for this \$12.6 Million Design-Build Miami-Dade Expressway Authority (MDX) ORT conversion project in SR-836. MDX is in the process to transitioning all corridors to ORT. The goal of this project is to provide the infrastructure necessary to convert the SR-836 between NW 137th Avenue and SR-826 to an Open Road Facility. The project includes the construction of 5 new toll gantry structures and modification to three currently existing in the SR-836 corridor. Mr. Perez is in charge of overseeing all structural coating operations in the different structures in the corridor including overhead signs and toll gantries. Contact Name: David Chang (305) 265-5492.

6/11 TO 04/15: ELLER DRIVE/ INTERMODAL CONTAINER TRANSFER FACILITY OVERPASS. (FDOT FIN: 403984-1-52-01).

Currently serving as Bridge Inspector for this \$43 Million Project for FDOT District IV. Scope of Work: Performs sampling, testing and inspecting materials and workmanship used on the construction of this project for compliance to the plans and specifications. Daily activities include, field inspections, field documentation of daily construction activities, documentation of quantities, on-site testing of materials, laboratory test results and materials certifications. The construction of this project consists of the construction of a Viaduct (overpass) over NE 7th Ave and Eller Drive and the construction of a ramp and bridge (bridge #860647) crossing over Eastbound I-595 and connecting to Westbound I-595. The viaduct is constructed of prestressed concrete pile foundation with CIP concrete footing, columns and CIP column caps. A mixture of steel I-beams girders and concrete I-beams (AASHTO) are erected and a 8.5" deck slab and (4) lanes of traffic constructed. The over-all length of the Viaduct structure is 1,280 LF with the longest span being 200 ft long. The construction of the remainder of the project includes MSE walls, miscellaneous drilled shafts , cast-in-place retaining wall, roadway lighting, bridge lighting (above and below deck, high mast installation, ITS, bridge coatings, traffic signalization, overhead sign structures, drainage, railroad track crossing, fence installation and asphalt paving. Worked as a lead inspector on MSE wall installation, bridge coatings, drilled shafts, signalization, landscaping and lighting. Estimated Construction Cost: \$43 Million. Duration: 1,360 days. Role on Project: Bridge and Roadway Inspector. FDOT Reference: Roxanne Riggs, P.E. (954) 931-6187.

APCTE Tenure: 10 Years
Industry Experience: 8 Years
Office Location: Doral, FL

Education:
Bachelors of Science in Mechanical Engineering, Polytechnic University of Havana – Havana, Cuba, 1988

Certifications:
CTQP– Asphalt Paving Inspector, Level I & II
CTQP– Earthwork Construction Inspector, Level I & II
CTQP– Final Estimates, Level I & II
CTQP– Drilled Shaft Inspection
CTQP– Pile Driving Inspection
CTQP– FDOT Concrete Specification ACI– Concrete Field Testing Technician, Level I
ACI– Concrete Field Testing Technician Transportation, Level II
TROXLER– Nuclear Gauge Safety Training
PTI– Post-Tensioning Inspection
ATSSA– Florida Work Zone Traffic Safety Intermediate and Advanced
SSPC– Bridge Coating Inspector, Grade I
EPA– Florida Stormwater, Erosion and Sedimentation Control Inspection CSX– Roadway Worker Protection– Contractor Safety



ABEL PEREZ

Senior Roadway Inspector

PAGE 2/2

09/07 TO 06/11: NW 25TH ST. RECONSTRUCTION FROM SR 826 TO NW 67TH AVE/VIADUCT FROM EAST OF SR 826 TO NW 22ND ST FDOT FIN NO'S 251185-2- 52-01 AND 405665-3-52-01.

Roadway Inspector. Mr. Perez was responsible for overseeing construction of all Roadway Improvements including mostly subgrade stabilization, limerock base, and superpave asphalt operations, street lighting, and milling/resurfacing. Also, involved in overseeing construction of drainage improvements and canal excavation and slope protection operations. Responsible for inspection and documentation (using site manager) of the overall construction, ensure that all materials are properly tested, sampled and certified as well as placement of asphalt pavement and concrete for barrier walls...etc. FDOT Reference: Mrs. Dari Vorce (305) 525-4951.

09/07 – 11/07: BRIDGE COATING INSPECTOR: MDX-30013, MISCELLANEOUS PROJECT

In charge of quality control of Bridge painting for all Expressways of Miami-Dade Expressway Authority, including the SR-836, SR-112, SR-874, SR-878 and SR-924 (Gratigny Parkway). In charge of verifying materials test, certifications, cleaning and preparation of surface, weather and temperature conditions, determining the paint spread rate, verification of coating thickness and preparing all final documentation.

09/07 – 11/07: BRIDGE COATING INSPECTOR

FIN: 416663-1-52-01, FDOT. District IV. Bridge 860479, SR-862 Broward County. In charge of quality control of Bridge coating. As responsible of verifying all materials test, certifications, cleaning and preparation of surface, weather and temperature conditions, determining the paint spread rate, verification of coating thickness and preparing all final documentation.

09/06 – 02/07: ROADWAY INSPECTOR: MDX-30011, SR-878 EXPRESSWAY.

Milling and Resurfacing. In Charge of supervising all milling and resurfacing operations for this 4 lane expressway approximately 2 miles long as well as responsible for enforcing the specifications and standards for all documentation of asphalt paving such as checking that asphalt temperature and spread rate was within target and cross slopes recorded. Also responsible for the inspection of thermoplastic traffic stripes and pavement making, including any necessary test for thickness, color and

retroreflectivity.

03/06 –09/06: QC INSPECTOR: SR-9 (INTERSTATE I-95) FROM 12TH AVE SOUTH TO 10TH AVE NORTH IN PALM BEACH COUNTY

Performed asphalt paving inspection as well as enforcing the specifications and standards portion of the CQC Plan during the project. Performed quality Control for concrete and earthwork tests.

09/05 – 03/06: INSPECTOR: SERVED AS DISTRICT IV HURRICANE RECOVERY TEAM IN PALM BEACH AND BROWARD COUNTIES

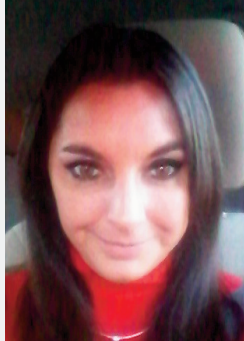
Performed Debris Removal monitoring and assisted in restoration of street lighting, signalization and signing all over the affected areas of both counties. Produced daily reports for contractor operations and maintained record of field quantities.

01/01 – 03/05: AUTOMOTIVE MECHANICAL – BILL USERY MERCEDES-BENZ – CORAL GABLES, FLORIDA

Working with hydraulic systems, A/C electronic systems with high technology performance.

01/88 – 12/00: DESIGNER - INSTITUTE OF HYDRAULIC RESOURCES - HAVANA, CUBA

Developed wastewater collection system studies and hydraulic evaluations to determine the implementation of necessary improvements. Identified problems areas and found optimum solutions and cost effectiveness. Hydraulic analysis of pumping stations and force mains. Selected and specified pumps for upgraded and new sewage pumping stations. Coordinated with other engineering disciplines and cost estimating of projects. Designed and constructed municipal water/wastewater treatment, pumping, distribution and collection projects. Developed designs for water and wastewater conveyance facilities including pipelines, canals, and pump stations



MARTHA GUTIERREZ

Associate CSS/Resident Compliance Specialist

KEY PROJECTS

JULY 2014 TO PRESENT.FDOT DISTRICT 4 - SR-93 /I-75 MANAGED LANES, SEGMENT C:

Associated CSS for this \$85.2 Million Design-Build project calls for the implementation of express-lane along I-75 from south of Miramar Parkway to South of Sheridan Street. This is one of five projects within this District IV corridor that runs from NW 170th Street in Miami-Dade County to I-75 in Miami-Dade County. In this position Mrs. Gutierrez is an assistant to the CSS on the project doing multiple duties including assisting in the development of monthly progress reports, verification and tracking of contract quantities in accordance with the approved schedule of values and input of relevant contract documents to Hummingbird Contact Name: Antonio Castro, P.E. (954) 448-2905.

JUNE 2012 TO PRESENT. MIAMI INTERMODAL CENTER (MIC). GMP 1, 2 AND 3.

Mrs Gutierrez serves as resident compliance specialist in an important task for resolution of compliance issues on these projects which have been completed but have pending EEO and on-the-job training open issues that need to be successfully addressed in order for the department to make the final offer of payment to the contractor, as required by the specifications to close-out the contract. FDOT Reference: Jaqueline Sequeira, P.E. (305) 986-2551.

04/2012 TO PRESENT. PORT OF MIAMI TUNNEL PROJECT, FDOT DISTRICT VI:

Lead Resident Compliance Specialist . Mrs. Gutierrez has served as the lead RCS for this \$950 Million Project in District VI. Her duties include:
Supervision of all the Compliance activities, DBE, OJT, EEO, Wages and Payrolls.
Supervision of the Compliance Team (2 persons assigned to Backlog payrolls, 1 assigned to OJT, 1 assigned to current payrolls).
Conduct and attend Compliance Meetings with the Prime Contractor and the Concessionaire on a weekly basis.
Issue all correspondence regarding compliance issues (payroll violations, audit of subcontract agreements, notifications, etc).
Issue monthly reports to FDOT such the Compliance Status Report, CUF Monthly Report, etc. FDOT Reference: Jaqueline Sequeira, P.E. (305) 986-2551.

I-595 Express, LLC., Davie, FL. FDOT District IV

Compliance Officer/EEO Officer/DBE Officer (2009 to 04/2012). Her duties include:
Administrate the EEO activities of the Concessionaire.
Supervise all the EEO activities of the Prime Contractor and subcontractors.
Supervise all DBE activities, toward the project's goal accomplishment.
Supervise all OJT activities toward the project's goal accomplishment.
To conduct monthly EEO Meetings with the CEI, the OCEI and the prime.
To prepare and conduct EEO, OJT and DBE trainings for all personnel involved in construction activities.
To prepare and conduct trainings for all subcontractors working on the project.

APCTE Tenure: 3 Years
Industry Experience: 9 Years
Location: Doral, Florida

Education

RICARDO PALMA UNIVERSITY
(Lima – Peru).
Spanish/English Translation & Interpretation (1994-1996)

CHALLENGER INSTITUTE (Lima – Peru).
Tourism (1993-1994).
Commercial Aviation Management (1991-1992)

TOULOUSE-LAUTREC INSTITUTE
(Lima – Peru).
Advertising (1992-1993)

Professional Certifications:
CTQP ID# G362542749190
Final Estimates-Level 1



MARTHA GUTIERREZ

PAGE 2/2

Associate CSS/Resident Compliance Specialist

To conduct quarterly audits on the prime contractor and subs.
To prepare audit reports for FDOT. FDOT Reference: Marty Anderson (954-486-1400)

H&J ASPHALT, INC., Miami, FL

Contract Compliance Specialist / EEO Officer (2005 to 2009). Her duties include:

Preparation of bids. Preparation of Certifications of Sublet Work. Interpret and monitor compliance with governmental laws and regulations and respond to governmental requests for information and Office of Federal Contract Compliance Program (OFCCP) audits.

Preparation of all paper work and communications for Federal and non Federal Projects.

Submission of all Required Forms and Certifications to the proper authorities in a timely manner.

Preparation of Subcontract Agreements between the company and all subcontractors.

Dissemination of the Federal Contract Provisions "FHWA 1273" to all material suppliers and subcontractors.

Dissemination of the company's EEO Policy to all employees and subcontractors.

Responsible for effectively administering and promoting an active program of Equal Employment Opportunity and coordinate the EEO efforts of Superintendents, supervisors, foremen and others in the position of hiring personnel.

Make sure that there not be within the company any discrimination by virtue of race, religion, color, age, sex, national origin or disabilities.

Monitor the hiring and recruitment practices of the company.

Provide individual EEO orientation to new hires within the first 15 days.

Conduct periodic inspections to the project sites to ensure that working conditions and employees facilities do not indicate discriminatory treatment. Also ensure that all facilities and company activities are non-segregated.

Coordinate and lead Supervisory and Office Personnel EEO Meetings and also individual EEO orientation to new hires within the first 14 days.

Preparation of Contractor's Project EEO and Contractor's Company Wide EEO Reports.

Make recommendations and correct any deficiencies found in the company's program and ensure that the policy and plan are being carried out.

Investigate and follow up of any complaint.

Evaluation of employees Wages and Promotions.

Coordinate training sessions to employees within the company.

Prepare all the required documentation to enroll on the job trainees "O.J.T." in the Contracts. Prepare their reports. Also monitor and supervise their activities until they finish the training and graduate.

Supervision of the Payroll of the company in order to make sure that the employees are being properly paid as per the Specific Contract Wage Rates (Miami Dade County Public Works Contracts) and as per the Federal Wage Rates (F.D.O.T. Contracts).

Issuance of the company's Certified Payrolls for all Contracts.

Administrate all the documentation and submittals requested to or provided by the subcontractors (Forms, Certified Payrolls, copies of cancelled checks, etc) for each Contract and ensure that subcontractors are always in compliance.

Submit all DBE documentation requested. FDOT Reference: Stan Ford (305-640-7459).

IMMIGRATION SUPPORT GROUP, INC., Miami, FL

Manager (2002 to 2004)

Plan, direct and coordinate the operations of the office in compliance with laws and regulations in order to prevent and avoid malpractice.

Duties and responsibilities included formulating policies, managing daily operations, and planning the use of materials and the human resources of the company.



Florida Department of Transportation's
Construction Training Qualification Program

EVELIO HERNANDEZ

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
H65520651	Concrete	Concrete Field Technician - Level 1	8/14/2015
H65520651	Concrete	Concrete Field Technician - Level 2	8/14/2015
H65520651	Geotech	Pile Driving Inspection	12/11/2015
H65520651	Management	Final Estimates - Level 1	11/16/2016
H65520651	Management	Final Estimates - Level 2	11/16/2016
H65520651	Management	QC Manager	Does Not Expire

Back

134215



Florida Department of Transportation's
Construction Training Qualification Program

HEMBERTH SALAZAR

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
S42632077	Asphalt	Asphalt Paving Technician - Level 1	10/28/2015
S42632077	Asphalt	Asphalt Paving Technician - Level 2	10/28/2015
S42632077	Earthwork	Earthwork Construction Inspection - Level 1	6/23/2015
S42632077	Earthwork	Earthwork Construction Inspection - Level 2	2/10/2016
S42632077	Geotech	Drilled Shaft Inspection	11/7/2017
S42632077	Geotech	Pile Driving Inspection	5/21/2018
S42632077	Management	Final Estimates - Level 1	12/1/2016
S42632077	Management	Final Estimates - Level 2	12/1/2016
S42632077	Management	QC Manager	Does Not Expire

Back

134215



Florida Department of Transportation's
Construction Training Qualification Program

ABEL PEREZ

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
P62000064	Asphalt	Asphalt Paving Technician - Level 1	10/28/2018
P62000064	Asphalt	Asphalt Paving Technician - Level 2	3/13/2019
P62000064	Concrete	Concrete Field Technician - Level 1	10/13/2017
P62000064	Earthwork	Earthwork Construction Inspection - Level 1	8/19/2016
P62000064	Earthwork	Earthwork Construction Inspection - Level 2	6/12/2018
P62000064	Geotech	Drilled Shaft Inspection	7/24/2018
P62000064	Geotech	Pile Driving Inspection	2/12/2019
P62000064	Management	Final Estimates - Level 1	6/8/2015
P62000064	Management	Final Estimates - Level 2	6/8/2015

Back

134215



Florida Department of Transportation's
Construction Training Qualification Program

RAMON LLANA

Qualifications Search

Qualifications			
TRAINEE	MATERIAL GROUP	QUALIFICATION	EXPIRATION DATE
L50073058	Management	Final Estimates - Level 1	3/13/2018
L50073058	Management	Final Estimates - Level 2	4/10/2018

Back

134215

Absolute Civil Engineering Solutions, LLC

Carl W. Smith, **Contract Support Specialist/ Senior Roadway Inspector**

Mr. Smith has 35 years of construction experience and currently services as a Senior Roadway Inspector. Carl began his career by service in the United States Marine Corp as a heavy equipment operator from 1976 through 1982 and then served the Indiana Army National Guard until 1989 over power generation equipment. While with the National Guard he also operated heavy equipment for civilian roadway and site installations. In 2002, Mr. Smith became certified as a CEI inspector and began Roadway Inspection on various projects throughout South Florida.

PREVIOUS WORK/PROJECT EXPERIENCE:

I-595 Express Corridor Project. This project consists of \$1.2 billion reconstruction of I-595 and SR 84 for Reversible Toll Lanes from I-75 to I-95. Served as a Superintendent for Dragados USA. Start date: DECEMBER 2012 – April 2014. Contact: Norbert Garcia (305) 753-3174

Palmetto Expressway SR 826/874 Design-Build Bridge Replacement and Roadway Expansion FDOT District Six Miami Dade County, FL Roadway Inspector. This is a \$177M design-build project involving replacement of 9 bridges, road widening and improved drainage for SR826 ,SR874 from sunset drive to Coral way. Responsibilities included density testing, concrete testing and asphalt inspection verification for the CEI, updating field books, review density log books and document daily progress from the contactor for FDOT. Start Date: FEBRUARY 2009 – AUGUST 2012 Contacts: Steve Boone (Jacobs) 305-797-2877/Steve McCue 305-986-6871

US 1 over Jewfish Creek Design-Build Bridge Replacement Project, FDOT District Six, Monroe County, FL, Roadway Inspector. This is a \$147M design-build project involving the reconstruction of US 1 and includes the Jewfish Creek Bridge, five miles of roadway, and 7,500 feet of new bridge. The project was designed using LRFD specifications and consists of reconstructing the two lane roadway to the north of Jewfish Creek, building a new high- level bridge to replace the existing low level drawbridge, and replacing the causeway over Lake Surprise with low-level portion of the bridge. As Roadway Inspector, responsibilities include Quality Control on all roadway and bridge construction testing and inspection. Start Date: JULY 2005 – DECEMBER 2008 *Contact: Mike White, (305) 481-1187*

Sawgrass Expressway, Florida's Turnpike Enterprise, Deerfield Beach, Roadway Inspector. This project consisted of roadway widening and drainage improvements. Responsibilities included density testing, concrete testing, asphalt inspection, and CQR entry on testing and sampling. Start Date: AUGUST 2003 – JULY 2005 *Contact: Said Fraij, 786-999-3189*

University/Pembroke Road Intersection Improvements, FDOT District Four, Pembroke Pines, FL, Roadway Inspector. This project involved roadway widening and drainage improvements. Assisted in implementation of contractor's quality control plan for all earthwork, asphalt, and concrete construction. Start Date: March, 2003 – February, 2004 *Contact: Nelson Perez, 305-216-5112*

Hallandale Beach Boulevard Bridge Replacement, FDOT District Four, Broward County, FL, Inspector's Aide. This was a twin bascule bridge replacement project with a construction cost of over \$60 million. Responsibilities included performing density and concrete tests, document contractor daily reports on MOT and crew activities, and entering CQR on asphalt and concrete quantities. Start Date: November, 2002 - March, 2003 *Contact: Nelson Perez ,305-216-5112*

Oakland Park Improvement, APAC, Fort Lauderdale, FL, Roadway Inspector. This was a roadway widening and drainage improvement project. Responsibilities included density testing, concrete testing for drill shaft, and asphalt inspection. Start Date: AUGUST, 2003 – JULY, 2005 *Contact: Don Little (954)-677-7100*

EDUCATION:

*Vincence University,
Vincence, IN, 1984*

CERTIFICATIONS /

REGISTRATIONS:

- *ACI Concrete Field Testing Technician, Grade 1*
- *Asphalt Paving Technician, Level 1 & 2*
- *Concrete Field Technician, Level 1*
- *Drilled Shaft Inspection*
- *Pile Driving Inspection*
- *Earthwork Construction Inspection, Level 1 & 2*
- *Final Estimate level 1*
- *Nuclear Safety Certification*
- *Radiation Safety Officer Certification*

Absolute Civil Engineering Solutions, LLC

Andres Perea, CTQP/RSO

Laboratory Manager

Mr. Andres Perea has worked for approximately 10 years in the Civil Engineering Industry as Quality Control on Federal, County and private sector projects in Roadway, Bridge, and Building Construction and he currently serves as Laboratory Manager with Absolute Civil Engineering Solutions (ACES), LLC. His responsibilities include the daily management of the Construction Materials Testing Laboratory, including personnel, project scheduling, and reporting. He is also responsible for performing onsite materials testing and inspections of Concrete, Soils and Asphalt, Drilled Shaft construction Inspection, Geotechnical Engineering Inspections and Vibration monitoring. Mr. Perea is ACES' Radiation Safety Officer and is current with all of his certifications including his CTQP Earthwork Construction Inspection Level I and Level II.

REPRESENTATIVE PROJECT/WORK EXPERIENCE:

- Ft. Lauderdale International Airport Runway Expansion CPM Management Representative Verification Services.
- Miami international airport connector Tri-rail CEI geotechnical engineering inspections of drilled shaft quality control and quality assurance.
- I-95 Managed Lanes Miami FL, QNQC Earthwork Construction Roadway and Drainage, Concrete Field Testing Roadway/Bridge Inspection and Drilled Shaft Inspections.
- I-95 Widening Palm Beach FOOT QNQC Verification on Drill Shaft Construction Inspection, Palm Beach, FL.
- I-75 Hurricane Wilma Sign Repair QNQC Verification on Drill Shaft Construction Inspection, Broward County, FL.
- Independent Assurance (IA), Sawgrass Express Way Widening at Sunrise Toll Plaza. Quality Control (QC), Concrete Field Testing and Earth Work Inspection Construction at Sawgrass Express Way Widening - Design Build, Coral Ridge to SR-91.

EDUCATION:

- Broward Community College- Civil Engineering - 2004 to 2006
- University of Autonoma Occidente, Colombia- Mechanical/Electrical Engineering Design - 2000 to 2001.

CERTIFICATIONS:

- CTQP Earthwork Construction Inspection Level I
- CTQP Earthwork Construction Inspection Level II
- *Hazmat Safety Training Certificate.*
- *Radiation Safety Officer (RSO)*
- *ACI Grade I - Concrete Level 1 Technician*
- *MOT Intermediate Certification*

- New River Bridge- Design Build Teaming QNQC Concrete Field Inspection , Earth Work construction Inspection, Drilled Shaft construction Inspection and Vibration monitoring, Broward County, FL.
- SR 710- Loxahatchee Slough QNQC Concrete Field Testing, Palm Beach, FL.
- QNQC Services at SR45 (US41) from North of Bonita Beach to Old US 41 Lee County, FL.
- QC at Miami Gardens Drive, Dade County, FL.
- QNQC at SR25 Okeechobee rd Concrete Field Inspections and Earth Work Construction Inspections, Dade County, FL.
- MIC/MIA Interchange QNQC Drillers Shaft Construction Inspection, Concrete Field Testing and Earth Work Construction Inspections, Dade County, FL.
- QNQC services G311 - G341 Concrete Field Inspections for Drainage Spillway Structures Palm Beach, FL.
- IA (Independent Assurance) at Turnpike Widening Delray to Atlantic, Palm Beach, FL.
- QNQC services at the Interchange SR 710 Beeline, Vibration Monitoring & Drill Shaft.
- QNQC Core Drilling, Geotechnical Services at Lake Worth Viaduct Bridge Foundations Palm Beach, FL.
- QNQC Concrete Field Testing and Earth Work Construction services at EOC Facility, Ft. Lauderdale Airport, FL.
- QNQC Concrete Field Testing and Earth Work Construction services at Sistrunk Blvd. 60 NW 19th ave. Lincoln Park Broward County, FL.
- QNQC Concrete Field Testing and Earth Work Construction services at Group IPS-A11, B8, 047, E5, 039 Palm Beach, FL.
- Drill Shaft MIC/MIA Connector Station Dade County, FL.
- 1-95 Pedestrian Bridge Drill Shaft, Concrete Field Testing, Earth Work Construction services and Materials Testing Services Miami Dade County, FL.
- QNQC Concrete Field Testing and Earth Work Construction services at SR25 (US27) Depressed Roadway, Design Build Miami Dade County, FL.