



CITY OF FORT LAUDERDALE

Traffic and Transportation Engineering and
Planning Services • RFQ No. 12370-206

MARCH 2, 2020

THE CORRADINO GROUP

CAM 21-0011

Exhibit 6

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4.2.2 Executive Summary

March 2, 2020

City of Fort Lauderdale
Procurement Services Division
City Hall
100 North Andrews Avenue, Room 619
Fort Lauderdale, FL 33301

We look forward
to delivering
excellence to
the City of Fort
Lauderdale on
this Contract!

**RE: City of Fort Lauderdale Traffic and Transportation Engineering
and Planning Services • RFQ #12370-206**

Selection Committee Members:

The Corradino Group, Inc. (Corradino) is pleased to present this Statement of Qualifications in response to the notice released by the City of Fort Lauderdale (City) for Traffic and Transportation Engineering and Planning Services on a Continuing Basis. Corradino has partnered with Gannett Fleming, Inc., Cambridge Systematics, Inc., Fehr and Peers, Plusurbia, LLC, Caltran Engineering Group, Inc., Keith and Associates, Inc., Walker Parking Consultants/Engineers, Inc., Savino & Miller Design Studio, P.A., Arehna Engineering, Inc., E Sciences, Inc., Delta G Consulting Engineers, Inc. and ADEPT Strategy and Public Relations, LLC to submit this Statement of Qualifications to provide Traffic and Transportation Engineering and Planning Services on an On Call Basis. We have assembled a trustworthy team who prides itself on being responsive to the City of Fort Lauderdale's needs. Contained within this detailed Statement of Qualifications are the reasons you can continue to trust the Corradino team as your partner. We guarantee you will be satisfied.

Corradino is a current provider of Traffic and Transportation Engineering and Planning Services for the City of Fort Lauderdale. We are currently providing On Call Services including in house Support staff to the Transportation and Mobility Department. Our staff is acting as the staff liaison between the Transportation and Mobility Department and the Department of Sustainable Development on all development and redevelopment traffic engineering related reviews. Corradino is also providing Planning Services, and Traffic and Transportation Engineering to the City of Fort Lauderdale on the update to the City's Comprehensive Plan and the Conceptual Streetscape Design for Las Olas Boulevard. In addition, our subconsultant Gannett Fleming is currently working on the Design Services for SR 5/US 1 from SR 862/I-595 to north of SR 42/Broward Boulevard, and Henry E. Kinney Tunnel Rehabilitation (Tunnel Top Park) for Florida Department of Transportation (FDOT) District 4. You will see from our detailed organizational chart that we have the top transportation professionals in the industry ready to serve the City on this contract.

Corradino has carefully reviewed the scope of services and fully understands the City is looking for assistance with traffic engineering, transportation engineering, civil engineering infrastructure design including highway and urban street/intersection and traffic signal design, intelligent transportation system analysis and design, transportation planning, corridor planning, multimodal transit planning, transportation modeling, bicycle and pedestrian planning, shared mobility management, parking analysis/studies, economic and financial analysis, land use urban and regional planning, resiliency planning and design, construction engineering and inspection services, environmental services, structural engineering, electrical engineering, mechanical engineering and plumbing, geotechnical engineering services, landscape architecture and surveying and SUE services. Corradino is ready to continue to support the City of Fort Lauderdale with these services.

Corradino has a good understanding of the City of Fort Lauderdale's 2035 Vision Plan and the goals of the 2024 Press Play Fort Lauderdale Strategic Plan. **WE BUILD COMMUNITY** is the City of Fort Lauderdale's mission and Corradino is here to help advance that Mission. **WE ARE CONNECTED** is a Vision Idea to move seamlessly through a safe transportation system where the pedestrian is first is paramount to the transportation planning and transportation infrastructure progress currently being made in the City. The City has varied transportation needs due to serving Port Everglades, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale Executive Airport, the Downtown Heliport, Tri-Rail, Brightline, Amtrak, Broward County bus system, Sun Trolley, the Water Taxi System, and Broward B-Cycle and other micro mobility options. The City continues to advance the connected pedestrian and bicycle road network as identified in the Connecting the Blocks Multimodal Connectivity Program. It is our understanding based on the current

FY 2020 Commission Annual Action Plan that Critical City infrastructure is a Priority, including Las Olas Corridor and the Breakers Birch Streetscape projects. We understand that the impacts on the strategic goals include meeting the following needs, goals and objectives among other items that include being a Vibrant World Class City:

- Improve transportation options and reduce congestion by working with partners
- Improve roads, sidewalks, and trails to prioritize a safer, more walkable and bikeable community
- Enhance the City's identity through public art, well-maintained green spaces, and streetscapes
- Ensure climate change resiliency and implement local and regional strategies to reduce our carbon footprint
- Reduce flooding and adapt to sea level rise

Corradino is a trusted traffic engineering and transportation planning consultant to the City of Fort Lauderdale that is ready to assist the City in addressing traffic congestion and achieving increased multi-modal connectivity and mobility citywide through improved walking, bicycle and shared mobility experience.

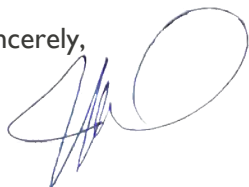
Joseph M. Corradino, AICP, President of The Corradino Group, will be the Principal-in-Charge for this contract and can be contacted at (305) 606-2364 with an office address of 4055 NW 97th Avenue, Miami, FL 33178. Eric Czerniejewski, PE, ENV SP, Director of Traffic Engineering, will be Project Manager and will lead the Corradino Team on all task work order assignments for this Contract. They will both be authorized to make representation for the Corradino Team. Eric has over 22 years of experience associated with a wide range of traffic engineering, transportation planning, roadway, transit and multimodal projects, and will lead a group of professionals who have extensive municipal and FDOT experience in similar projects. Eric is the right Project Manager and Transportation lead for this Contract and has recent relevant Project Management experience including serving as the Transportation Manager for the City of Fort Lauderdale's Transportation & Mobility Department in 2012 and 2013. While serving as Transportation Manager, Eric managed the Transportation Division and helped advance the City of Fort Lauderdale's 2035 Vision through many important City Commission Initiatives. Our approach is to listen, understand what our clients want, then provide options to achieve their goals efficiently and effectively. The Corradino Fort Lauderdale office will be the lead office for this contract with support from our Miami Corporate office and other satellite offices as necessary.

Managing a municipality in this era is complex. Doing so in uncertain situations can be treacherous. A sure way to get it done, exceed community expectations, calm the waters and raise morale city-wide will be aided through a close partnership with trusted consultants. Now, more than ever, it's a necessity to have a consultant with the proven capability and experience in supplying solid, unbiased professional recommendations. They also need to possess the steadfast integrity to withstand the pressures contemporary municipal operations experience. To do so, the consultants need to understand how municipalities work in general, have a specific and detailed understanding of the City itself, be available at a moment's notice, and have experience under fire.

Corradino is this consultant and has specifically tailored its municipal services department for these types of contracts. The firm has structured its business plan to provide local municipalities with the same quality of service that the private sector, or large state and federal agencies, receive. Corradino focuses almost completely on public sector clients to avoid conflicts of interest. The firm not only specializes in but seeks out and thrives in complex environments. Our assigned in-house staff will be able to provide the City the requested services and serve as an extension of City personnel.

We appreciate the opportunity to respond to this request and know that given the opportunity, the City of Fort Lauderdale will benefit from our extensive experience in the industry. You will find through the due diligence process of Corradino's provided references that Corradino's past performance as it specifically relates to similar traffic and transportation engineering and transportation planning services brings significant depth of technical expertise and knowledge. Client satisfaction remains our underlying theme and is the most important part of any statement on past performance. Corradino focuses on professionalism, responsiveness, and commitment. Every assignment is approached with services to fit the project's individual needs. Corradino is proud of its reputation as a "can-do" organization that delivers quality projects on time and within budget. We are thankful for the opportunity to continue our partnership with the City of Fort Lauderdale. We ask for your consideration for reselection on this Continuing Services contract and we are ready to begin work.

Sincerely,



Joseph M. Corradino, AICP
President, The Corradino Group, Inc.

4.2.2 Executive Summary



The **Corradino Group, Inc. (Corradino)** has provided planning, engineering design, environmental and construction management services to government and the private sector for 50 years. Corradino maintains a staff of over 200 employees with extensive experience in successfully completing both small- and large-scale projects, many of which are complex. Our staff has accreditations such as: AICP, AICP CTP, CIP, PE, SE, PTOE, PLS, PMP, ENV SP and PhD.

Our project experience has encompassed a wide range of services such as:

- Traffic Engineering
- Bicycle and Pedestrian Planning & Design
- Civil Engineering
- Highway and Bridge Design
- Construction Engineering & Inspection
- Environmental Assessment & Mitigation
- Travel Demand Modeling
- Transportation Planning
- Public Involvement/Community Outreach
- Urban Planning & Community Development
- Transit Planning & Engineering
- Project Fee Analysis
- Rail and Freight Planning
- Design/Build Services

Corradino has worked for almost five decades on project after project, for repeat clients. Our success is built on delivering a quality product developed through inclusiveness of the planning and design process and the effectiveness of the communications. Since 1970, Corradino has been providing planning and engineering services to municipalities across the state and nation.

COMPANY INFORMATION

NAME OF BUSINESS:

The Corradino Group, Inc.

HEADQUARTER

ADDRESS/PHONE/FAX/WEB:

4055 NW 97th Avenue, Suite 200, Doral, FL 33178
(305) 594-0735 • Fax: (305) 594-0755
www.corradino.com

LOCAL OFFICE ADDRESS/PHONE/FAX:

5200 NW 33rd Avenue, Suite 203
Fort Lauderdale, FL 33309
(954) 777-0044 • Fax: (954) 777-5157

CONTACT PERSON:

Joseph M. Corradino, AICP
(305) 594-0735 • Email: Planning@Corradino.com

LEGAL STATUS:

Corradino is a C Corporation

DATE/LOCATION INCORPORATED:

1970/Louisville, Kentucky

PARENT OR SUBSIDIARY BUSINESS: Parent

Corradino is headquartered in Doral and licensed to do business in the State of Florida.

4.2.2 Executive Summary

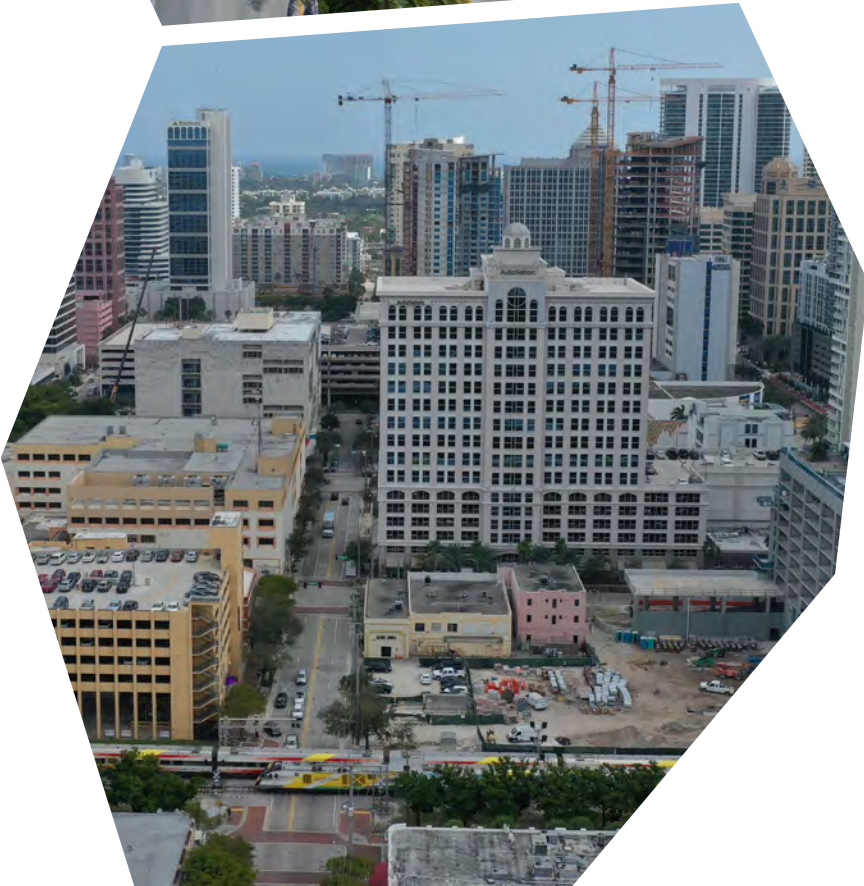
OFFICERS	OFFICE LOCATIONS	EMAIL	PHONE
Joseph C. Corradino, PE <i>Chief Executive Officer</i>	4055 NW 97th Avenue, Suite 200 Doral, FL 33178	jccorradino@corradino.com	(305) 594-0735
Joseph M. Corradino, AICP <i>President</i>	4055 NW 97th Avenue, Suite 200 Doral, FL 33178	jmcorradino@corradino.com	(305) 594-0735
Frederick C. P'Pool <i>Chief Operating Officer</i>	5200 NW 33rd Avenue, Suite 203 Fort Lauderdale, FL 33309	fppool@corradino.com	(954) 777-0044
Ed Perez De Morales, PE <i>Senior Vice President of Engineering & Construction</i>	5200 NW 33rd Avenue, Suite 203 Fort Lauderdale, FL 33309	eperez@corradino.com	(954) 777-0044

Work for this project will be performed from the Fort Lauderdale, Florida location with support from our other office locations including our Corporate Headquarters located in Miami, FL. **The Principal-in-Charge of this effort will be Joseph M. Corradino, AICP. The Project Manager and Lead Traffic/Transportation Engineer will be Eric Czerniejewski, PE, ENV SP,** a Florida registered professional engineer since 2001. As Project Manager, Eric will ensure that resources are used in the most effective and efficient manner and will be the primary liaison with The City throughout the entire contract. Eric will utilize his background as a licensed professional engineer and his extensive experience in planning, design and construction of municipal projects to ensure all task work order projects are successful.

At Corradino, client relationships, budgets and schedules are paramount. We execute our Project Management plan to ensure these three pillars remain priorities. We will utilize experienced staff, advanced technology and communication to organize and meet the City of Fort Lauderdale's (the City's) needs by standardizing routine tasks in order to eliminate the opportunity for any deviations from the schedule. As an organizational approach to the management of all our ongoing operations, the Corradino project management teams apply their experience, knowledge, skills, tools and techniques to meet the requirements of any task work order authorization. Eric will establish the scope of work and the associated fees and costs for each task work order authorization for the City's review and approval. The project manager is also responsible for establishing the timeline and assigning tasks to the staff members and sub-consultants. Each work authorization will accompany a schedule and budget for the City's review and approval.



4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

Since 1970, Corradino has been providing planning and engineering services to municipalities across the state and nation. Corradino is a corporation with 200+ employees and therefore has the capacity to handle any request the City may have to complete this project. Work for this project will be performed from the Fort Lauderdale, Florida location with support from our other office locations including our Corporate headquarter office in Miami, FL. As a municipal services firm, Corradino understands the nature of the work. The primary focus of Corradino is to produce the highest quality projects on-time and within budget. Corradino has maintained an impeccable track record in doing so.

At Corradino, client relationships, budgets and schedules are paramount. We execute our Project Management plan to ensure these three pillars remain priorities. We will utilize experienced staff, advanced technology and communication to organize and meet the City needs by standardizing routine tasks in order to eliminate the opportunity for any deviations from the schedule. As an organizational approach to the management of all our ongoing operations, the Corradino project management teams apply their experience, knowledge, skills, tools and techniques to meet the requirements of any task work order authorization.

Eric Czerniejewski, PE, ENV SP, who will serve as our Project Manager and primary client contact under this contract, will establish the scope of work and the associated fees and costs for each task work order authorization for the City's review and approval. He is also responsible for establishing the timeline and assigning tasks to the staff members and sub-consultants. Each work authorization will accompany a schedule and budget for the City's review and approval.

CORRADINO'S SUSTAINABLE PRACTICES

Corradino is committed to improving waste reduction in the workplace. Corradino's Recycling and Waste Reduction Awareness Program (Reduction Program) strives to prevent waste and save money through reusing, recycling and avoiding as many waste materials as possible. For every pound of waste employee reduce, reuse or recycle, Corradino:

- Saves money;
- Protects the environment;
- Saves natural resources;
- Conserves landfill space; and
- Reaffirms our support for environmental programs.

Corradino has regional Office Waste Reduction Coordinators. Coordinators oversee the recycling program in Corradino offices, as well as orient new employees to the program. Coordinators are responsible for arranging the collection of recyclables, encouraging employees to recycle, and the overall monitoring and improvement of the Recycling and Waste Reduction Program.

Corradino is committed to promoting environmental responsibility among our employees. Employee participation

is important to the success of our Reduction Program. Each employee knows where excess waste is produced and how it can be avoided in the office. Employees are encouraged to participate and offer input to improve Corradino's Reduction Program. Additional program components under consideration for Corradino's program include an Employee "Green" Bonus. For each "green" suggestion implemented at Corradino to cut waste and/or reduce costs in an environmentally friendly manner, the employee would receive a "green" bonus.

Corradino's current recycling and waste reduction practices include:

Office Supplies:

- Reduce paper consumption:
 - ✓ Send paperless documents by scanning and e-mailing instead of using a fax machine.
 - ✓ Use electronic forms whenever possible.
 - ✓ E-mail letters and documents to be read onscreen.
 - ✓ Use a reusable compact flash drive to easily and efficiently transport and share documents.
 - ✓ Purchase post-consumer recycled white, versus Kraft, over-sized envelopes (Kraft envelopes are difficult to recycle).
 - ✓ Use dry-erase boards as an alternative to paper flip charts.
 - ✓ Reuse paper printed on one side for draft copies or reuse scrap paper for notes.
 - ✓ Use self-stick fax addressing labels instead of printing full-size fax cover sheets.
 - ✓ Sign up for paperless billing, in the office and at home.
 - ✓ When feasible print double-sided documents.
 - ✓ Use postcard mailers when appropriate to save paper, envelopes, and postage.



4.2.3 Firm Qualifications and Experience



- ✓ Use post-consumer recycled paper when possible.
- ✓ Print smart; only print the number of copies required/needed.
- ✓ Keep mailing lists up to date.
- ✓ Use “address correction requested” on mailings to reduce waste.
- ✓ Don’t print:
 - Add Web sites to favorites.
 - Save documents to your computer.
 - Save needed e-mails in an outlook mail folder.
 - Review documents onscreen.
 - Use a green tagline with your e-mail signature block. Example:
Please consider the environment before printing this e-mail.

Protect the Environment:

- No plastic foam purchased or used in offices.
- Provide recycle bins.
- Use recycled toner cartridges for laser printers; or, when feasible, use vegetable-based toner in laser printers.
- When possible, repair versus replace equipment.
- Keep up routine preventative maintenance of office equipment to ensure a longer life.
- Provide water filter in office lunchrooms. (A water filter can save plastic bottles from being purchased and discarded.)
- Purchase pastel-colored paper and Post-its, not fluorescent paper (deeply-colored papers are not recyclable).
- Research and question vendors about their green business practices.
- Print in black and white instead of color when possible; or, even better, print in grey-scale (which reduces the amount of waste produced and resources used).
- Purchase post-consumer recycled white ledger and legal pads, not yellow (white is higher quality paper to recycle).

Save Natural Resources:

- Set computers for “standby” or “hibernation” mode when not in use for more than 10 minutes.
- Turn off computer monitors, printers and lights when not in use.
- Turn off computers (and the power strip) at the end of the work day.
- Use programmable thermostats in offices.
- Unplug equipment that drains energy when not in use, such as cell phone chargers, fans, coffeemakers, desktop printers, radios, TVs, DVD players and wireless speakers.
- Use interoffice mail.
- Reuse interoffice envelopes.
- Purchase refillable products such as pens, pencils, and tape dispensers.
- Consider replacing incandescent lighting with energy-efficient light bulbs, such as compact fluorescent bulbs or LEDs.
- Reuse file folders and binders; applying new labels extends their usefulness.
- Reuse foam packing peanuts, bubble wrap, and cardboard boxes.
- Properly recycle old equipment.
- Donate discarded but reusable furniture and equipment to schools or non-profit organizations.
- Reuse supplies such as paper clips and rubber bands.
- Keep a recycling bin by printers and copiers.
- Use energy efficient appliances in all offices.
- If renting a vehicle, check to see if the rental agency offers hybrids or other high-mileage vehicles.
- When feasible, carpool, bike, or use mass transit options.
- When workable, use teleconferences, a Web-hosted service such as GoToMeeting (a remote meeting and desktop sharing software), or other technological solution to reduce the amount of employee travel needed.
- Position an aluminum can recycling bin in each lunchroom.



4.2.3 Firm Qualifications and Experience

Junk Mail Reduction:

- Use business reply envelopes with a note requesting that your name be removed from their lists.
- For junk mail sent via first class mail, cross out the address and bar code, circle the first class postage and write “refused: return to sender.”
- Call the 800 number listed for ordering on the junk mail and ask to be removed from the mailing lists. The Federal Trade Commission requires that telemarketers maintain a “do not contact” list of people that do not wish to receive mail or calls.
- If a phone number cannot be found, return the label portion of the mail in a new envelope to their address (some businesses must see the label). Include a note with the removal request.
- Register with www.dmachoice.org to significantly reduce unsolicited advertising.
- Opt-out of offers for pre-approved credit or insurance through a resource provided by the consumer credit reporting companies Equifax, Experian, Innovis and TransUnion. You can opt-out online or by calling 1-888-567-8688.
- Call toll free numbers listed on unwanted mail and ask to be taken off their list.
- Cancel unwanted subscriptions.
- When requesting a catalog or ordering for the first time, specify not to sell, rent, or trade your name to any other company.
- If you only contribute once per year to a charitable organization, ask them to only send you a request once per year.
- When filling out any forms requiring your name and address, confirm they won’t sell your name to mailing lists.
- Don’t fill out the warranty cards from new products unless it expressly states that your warranty is void if you don’t. Most of the time you are covered by the manufacturer’s warranty whether or not you send in the card as long as you have your receipt. (These cards are usually used to get your name on mailing lists.)

THE CORRADINO PROJECT TEAM AND SUBCONSULTANTS

THE CORRADINO GROUP

Corradino will serve as Prime Consultant for this Traffic and Transportation Engineering and Transportation Planning Consultant Services Contract. Corradino has invited Gannett Fleming, Inc. (Gannett Fleming), Cambridge Systematics, Fehr & Peers, Walker Parking Consultants/Engineers, Inc. (Walker), PlusUrbia, LLC (PlusUrbia), Keith & Associates, Inc. (KEITH), Caltran Engineering Group, Inc.

(Caltran), Savino and Miller Design Studio, P.A. (Savino & Miller), Arehna Engineering, Inc. (Arehna), E Sciences, Inc. (E Sciences), Delta G Consulting Engineers, Inc. (Delta G) and ADEPT Strategy and Public Relations, LLC (ADEPT) to the Team for this contract. The Corradino Team has invited these subconsultants to the team based on their expertise and to ensure all of the services outlined in this Request for Qualifications are covered.



Joseph, M. Corradino, AICP is the firm’s President and will serve as the Principal-in-Charge. Mr. Corradino has over two decades of municipal experience in performing transportation master plans, traffic calming, transit analysis, bicycle and pedestrian studies, complete streets, land use, zoning and high-level staff support. Joe Corradino knows well

what it takes to be successful in project development because he is a professional consultant serving as a high-level municipal government staff member and as an elected official, most currently as Mayor of Pinecrest, FL. Mr. Corradino is expert at working with the public, business community and appointed and elected bodies, in explaining the results of such analysis. This skill is critical in the credibility and acceptance of transportation planning and traffic engineering analysis. As a consultant he has intimate experience with local government, having served as high level department head staff in several cities. For example, he has been the Development Services Director for the City of Homestead, one of the largest, fastest growing cities in our county, since 2011. Few consultants have this background. Mr. Corradino has won awards for his work from the American Planning Association, the Florida Redevelopment Association, and others. He currently serves as a board member of the South Florida Regional Planning Council, a board member of the Florida League of Cities, and a member of the Miami-Dade County Board of Rules and Appeals.



Eric Czerniejewski, PE, ENV SP is the Florida Director of Traffic Engineering for Corradino. Eric will serve as Corradino’s Project Manager and Traffic Engineering lead for this contract. Eric has over 22 years of experience associated with a wide range of traffic engineering, transportation planning, roadway, transit and multimodal projects, and

will lead a group of professionals who have extensive municipal experience in similar task work order contracts. Eric is the right Project Manager and Transportation lead for this Contract and has recent relevant Project Management experience including serving as Co-Project

4.2.3 Firm Qualifications and Experience

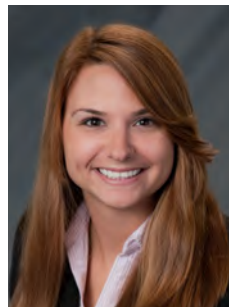
Manager for the Miami-Dade Transportation Planning Organization (TPO) General Planning Consultant Contract, which included being lead Consultant on the 20-mile South Dade Transitway SMART Plan corridor. Eric is the current Project Manager for the current Traffic and Transportation Engineering Continuing Services contract for the City of Fort Lauderdale. Eric served as the Transportation Manager for the City of Fort Lauderdale's Transportation and Mobility Department in 2012 and 2013. While serving as Transportation Manager, Eric managed the Transportation Division and helped advance the City of Fort Lauderdale's 2035 Vision through many important City Commission Initiatives, including The Wave Streetcar - Final Planning, Initial Design and Grant Funding and Assistance, Downtown Fort Lauderdale Brightline Station Planning, the Emergency Restoration of SR A1A north of Sunrise Boulevard and the Connecting the Blocks and Neighborhood Mobility Master Plans. Eric was the Transportation and Mobility liaison with the Department of Sustainable Development on all development and redevelopment traffic engineering related reviews. Eric also was Project Manager in support of Tindale Oliver completing the City of Fort Lauderdale Transit Master Plan, which included a Strategic Future Funding Plan for the Fort Lauderdale Sun Trolley Transit Circulator. Eric also has relevant technical experience completing various task work orders as part of the Florida Department of Transportation (FDOT) District 6 Public Transportation Support Contract, including Triennial Audits for Miami-Dade Transit. Eric has led similar Continuing Services on call contracts for Transportation/Traffic Engineering and Transportation Planning services, recently for numerous South Florida municipalities.



Mike Ciscar, PE, Corradino's Vice President of Engineering and Planning, has 34 years of experience in the field of civil and transportation engineering and will serve as QA/QC Peer Reviewer. Mr. Ciscar oversees all Corradino's engineering operations in South Florida. Corradino's projects range from planning and design to major expressway corridor studies, highway design, and construction assistance. Prior to joining Corradino, Mr. Ciscar had a distinguished 16-year career with the FDOT's District Six office and served as the District Environmental Management Engineer for 5.5 years. In his capacity as the Environmental Management Engineer, he directed the activities of the District Environmental Management Office to ensure compliance with all FDOT objectives, departmental policies, and FHWA requirements, as well as all federal, state, and local laws and regulations.



Gerald Bolden, PE, PTOE is Vice President and Tennessee Traffic Engineering Division Manager. Gerald will serve as Senior Traffic Engineer on this contract. He has 22 years of experience in traffic engineering, transportation planning, intelligent transportation systems (ITS) and geometric design. He typically serves as the project manager and/or engineer-of-record for projects for state, county, and city clients throughout the US. During his career, he has had a significant role in traffic engineering projects in the states of Alabama, Arizona, Arkansas, Florida, Georgia, Hawaii, Indiana, Kentucky, Mississippi, North Carolina, Tennessee, and Texas. His project experience includes traffic impact studies; traffic signal design; traffic operational analysis; traffic signal timing and optimization; modeling using HCS, CORSIM, and Synchro; adaptive traffic control systems; ITS planning and design; corridor studies; roadway safety audits; interchange studies; benefit-cost analysis; ITS and traffic signal construction management; roadway geometric design; and intersection design including roundabouts.



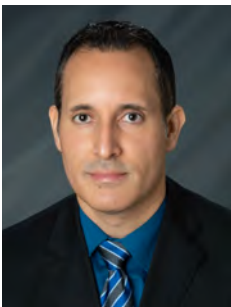
Vanessa Spatafora, PE will serve as traffic engineer on this contract and has 11 years of relevant traffic and transportation engineering experience. She has performed all facets of roadway design and has extensive experience with FDOT procedures, including plans production, preparation of specifications, maintenance of traffic, and cost estimates. In addition, Mrs. Spatafora has considerable traffic study review, highway, intelligent transportation system, crash data analysis and safety evaluation experience. Vanessa is currently serving as in-house support for the City of Fort Lauderdale Transportation and Mobility Department. Vanessa serves as the current Transportation and Mobility liaison with the Department of Sustainable Development on all development and redevelopment traffic engineering related reviews. Vanessa has also assisted with traffic engineering reviews for development and redevelopment projects as part of Corradino's current Traffic Engineering and Transportation Planning Continuing Services Contract with the City of Fort Lauderdale.

4.2.3 Firm Qualifications and Experience



Edward Ng, AICP is the Technical Vice President for Corradino's Planning Department and will serve as transportation planner for this contract. Eddie has relevant experience in DRC plan/traffic reviews, transit planning, economic development, transit-oriented development, and land use planning. His work involves demographic analyses, preparation

of and updates to comprehensive plans, grant writing, land use code revisions, geospatial planning analyses, GIS mapping, public outreach, and analyses of traffic facilities and operational data. He specializes in interdisciplinary aspects of planning, including transit-oriented development and Complete Streets. His recent projects involve land use, transportation, and comprehensive planning services for the Miami-Dade Transportation Planning Organization. Eddie is the project Manager for the City of Fort Lauderdale Comprehensive Plan update and the Las Olas Corridor Streetscape projects.



Ryan Solis Rios, PE, PTOE will serve as Senior Traffic Engineer on this contract. Mr. Solis-Rios' areas of expertise are planning, traffic operations, safety, and project development. As a former FDOT District Two Project Manager and now with the Corradino Group, Ryan has worked and finalized over 28 Planning and Project Development

and Environment (PD&E) studies, which included express lanes, system-to-system interchanges, service interchanges, interchange reports (IJR, IMR, IOAR), freeway systems, tolled roadways, principal arterial widening projects, and FHIS/SIS facilities. He brings a significant perspective by being involved with the initial project development phases, traffic analyses, and construction management. Ryan's technical expertise include planning and PD&E studies, traffic studies, traffic analysis, traffic flow and signal timing models, alternatives analysis, Intelligent Transportation Systems (ITS) planning and generating project costs estimates (LRE) including engineering cost, construction cost, right of way cost, and maintenance cost for infrastructure projects.



Cecilia Villoria, PE, Corradino's Division Manager of Highway Design/ Miami, will lead the Civil Engineering and Highway Design aspects of this contract. Cecilia is a registered engineer in Florida. She has 25 years of experience in all aspects of Project Management, Scheduling, Roadway Design, Maintenance of Traffic, Signalization, and Drainage. She deals

with design requirements and codes of the FDOT, Miami-Dade County, South Florida Water Management District (SFWMD), and AASHTO. She coordinates the daily activities of the design team members and sub-consultants to meet project goals on schedule and within budget.



Mark Croft, PE is the Vice President of the Construction Engineering and Inspection (CEI) Division for the Miami Office of Corradino. Mark will serve as the lead CEI Program Manager for this contract. Mr. Croft's experience includes more than 30 years managing Construction Projects and Programs for the Florida Department of Transportation. Prior

to joining Corradino in October 2014, Mr. Croft was the head of the construction engineering program for District 6 of the FDOT from January 2000 to October 2014. Under Mr. Croft's direction, the District's Construction Program was a statewide leader in minimizing time and cost overruns. Mark's CEI oversight experience includes work on the I-595 3P project, I-395 project, the Port of Miami Tunnel and the Miami Intermodal Center.



Srin Varanasi will serve as Corradino's lead transportation modeler. His most recent efforts include project management of the: districtwide systems planning contract for FDOT District Four; the Richmond, VA, TPO on call planning contract; and, the PART Freight Study in Greensboro, NC. Mr. Varanasi specializes in traffic forecasting, multi-

resolution modeling, long range planning, and corridor master plans. He currently serves as the chair of Southeast Florida Model User Group. Mr. Varanasi is a key member in the Activity Based Modeling teams of the Southeast Regional Planning Model (SERPM7) and the Treasure Coast Regional Planning Model (TCRPM4). Mr. Varanasi led the Tri-County Regional Long Range Transportation Plan (LRTP) forecasting processes for the 2040 and 2035 regional LRTPs. He is also highly experienced in using Big Data Sources such as Streetlight, Airsage, INRIX, HERE and NPMRDS.



Mark Alvarez will serve as Corradino's lead transit planner, with 29 years of experience in transportation planning, land development analysis, infrastructure programming and environmental impact analysis. He brings his experience together to provide holistic approaches for integrated

4.2.3 Firm Qualifications and Experience

solutions toward sustainable and resilient urban development that is focused on developing socially and economically viable mobility plans that leverage public, business and government resources together. Toward these ends, he brings significant experience in: land use policy planning; land use regulatory analysis toward development outcomes; transit development, policy and operational analysis; alternative-fuel vehicles; last-mile mobility planning; parking analysis; and capital improvement programming. He is very experienced in public participation processes, having delivered hundreds of presentations for community input, charettes, advisory boards, and elected bodies.



Scarlet Hammons, AICP CTP will serve as transportation and land use planner on this contract. Scarlet specializes in the analyses of land use issues related to comprehensive plans, zoning, and all aspects of the growth management process. She has recently completed AICP Advanced Certification in Transportation Planning. Her experience also includes

preparing zoning regulations, writing comprehensive plans, drafting ordinances, assisting with transportation master plans and preparing graphics, exhibits and maps. She has managed numerous planning projects for Corradino's municipal and agency clients. She served for three years in the FDOT, District 6 planning division where she was the in-house growth management analyst.



Gannett Fleming

Gannett Fleming is a full-service multi-disciplinary planning, engineering, and architecture firm. During their 100-year history, Gannett Fleming have successfully completed over 35,000 projects for several clients in the public and private sectors. With over 2,000 employees, Gannett Fleming delivers a broad range of comprehensive transportation, land use, earth sciences, information technology, construction management, water, power, and facilities services. We focus largely on transportation and we are recognized leaders in multi-modal transportation planning, travel demand forecasting, and LRTP development. Since its founding in 1915, Gannett Fleming has continuously demonstrated a sensitivity and commitment to the needs and expectations of their clients, having successfully completed assignments in all 50 states and in 65 countries throughout the world. Today, more than 2,000 highly qualified, dedicated individuals continue the tradition of excellence. Since 1949, Gannett Fleming have been providing planning, environmental, and engineering services throughout the US southeast including numerous municipalities in Florida.

Gannett Fleming recently completed the 2035 City of Miami Beach Transportation Master Plan, the City of Doral's Transit/Trolley Plan, the 2045 Miami-Dade Bicycle and Pedestrian Master Plan, and the award winning 2040 Miami-Dade TPO LRTP, and its most recent update for the year 2045. Gannett Fleming is familiar with the region and all its ongoing and envisioned transportation efforts. Gannett Fleming is local to South Florida. The Gannett Fleming Miami office lies approximately 25 miles from the City of Fort Lauderdale and hosts over 40 professionals with extensive experience in the planning, design, and management of urban projects for City of Fort Lauderdale, City of Miami Beach, City of Coral Gables, City of Doral, and City of Miami, South Florida Regional Transportation Authority, Miami-Dade TPO, Miami-Dade County Transportation and Public Works, and FDOT Districts 4 and 6.



Carlos Cejas, PE, is Vice President and Senior Project Manager at Gannett Fleming, and Project Manager for the Miami-Dade TPO General Planning Consultant Services contract. Carlos also was Project Manager and Chief Engineer for the Miami Beach Transportation Master Plan, which provided direction for the future of the City of Miami Beach's multimodal

transportation system. Gannett Fleming supported the City in establishing the adopted 2035 Mode Share Vision that serves as a foundation for decisions to promote a more sustainable transportation environment. The development of the Transportation Master Plan included comprehensive existing conditions analysis and a wide-ranging bank of projects designed to tilt the mode split in favor of the adopted vision. The vision was supported through suggested policy changes and programs such as the creation of bicycle and pedestrian oriented corridors, and Pedestrian Priority Zones. This effort also included interagency coordination and public outreach. Multiple future projects included complete streets with the re-allocation of motorized vehicle spaces to transit, bicycles, pedestrians, loading, and/or landscaping/streetscaping.



Alina Fernandez, PE, is Vice President and Senior Project Manager at Gannett Fleming and leads the highway department for the Miami office. Alina leads numerous Districtwide General Engineering Consultant contracts for GF including the FDOT District 4 Districtwide Plans Review and FDOT District 6 Districtwide Miscellaneous

Professional Engineering Design Consultants Contracts. As a 20-year veteran of the Florida transportation industry,

4.2.3 Firm Qualifications and Experience

her impressive resume includes work in all project phases, including planning, design, and construction for transportation agencies. Her clients include the FDOT, Miami-Dade Expressway Authority, Florida's Turnpike Enterprise, and various municipalities and transit agencies. Having led numerous projects of regional significance, Fernandez is highly adept at managing major infrastructure projects and leading large multidisciplinary teams.



Cambridge Systematics is a multimodal transportation planning, program management, and consulting organization with a global reputation as a leading provider of planning, policy, and analytical services. Founded in 1972, Cambridge Systematics is an independent, employee-owned firm with more than 270 employees in 12 full-service offices in the U.S., including 23 staff in Florida. Cambridge Systematics has worked in more than 35 states to develop and implement transit policies and plans and has led development of transit system plans and investment strategies for projects in numerous metropolitan areas across the country. Since 1997, Cambridge Systematics have supported the Federal Transit Authority (FTA) Capital Investment Grant program for funding public transportation investments across the U.S. Their experience over the last four decades across a diverse client base allows them to effectively piece together the many perspectives, requirements and realities associated with developing and implementing effective transit solutions. Cambridge Systematics offers the City the advantages gained from the following:

- Comprehensive Functional Expertise - spanning transit planning, operations, and market analysis to data analytics and software.
- Objective Performance-Based Approach - taking all aspects of a project into account (environmental, regulatory, political, economic, community) to provide clients with practical solutions.
- Focus on Technology, Data, and Tools - supporting planning resources with data scientists, software developers, and transit technology experts to deliver innovative yet cost-effective solutions.



Peter Haliburton, CEng, is a Principal with Cambridge Systematics with experience in transit planning, transportation planning and engineering, civil engineering, and corridor studies. Mr. Haliburton has managed dozens of transportation planning and engineering projects with diverse private and public sector

clients over the past 24 years. He has managed all aspects of projects, including technical, client, partner, and staff interactions. Peter is managing the Cambridge Systematics role in conducting an Environmental Impact Statement for a premium transit connection between downtown Miami and the Miami Beach Convention Center, and the Design District north of downtown. Peter has relevant experience leading the FDOT District 4 Districtwide Transit Corridor Support and the FDOT District 4 Transportation Planning and Corridor Support contracts.



Karen Kiselewski, AICP, is a Senior Associate at Cambridge Systematics with more than 16 years of experience in multimodal transportation planning and program development, including integrating land use and transportation planning. She has performed transportation and special planning studies for FDOT, metropolitan planning organizations (MPO), and local agencies. Karen is supporting the FDOT Systems Implementation Office in a statewide evaluation of critical infrastructure, natural and manmade hazards, and network risks and vulnerabilities, and will recommend actions moving forward, including identifying how to incorporate findings into existing tools and processes. The steps include developing a methodology for the vulnerability analysis, identifying facilities at risk for inland and coastal flooding and storm surge, identifying facilities providing access to critical facilities such as bulk fuel locations, evaluating detour conditions should a facility be closed, and prioritization of affected facilities.

FEHR & PEERS

Fehr & Peers has specialized in providing transportation planning and engineering services to public and private sector clients since 1985. Fehr & Peers develop creative, cost-effective, and results-oriented solutions to planning and design problems associated with all modes of transportation. Fehr & Peers have over 300 transportation planning and engineers in 17 offices throughout the United States, including Florida. Fehr & Peers is passionate about transforming transportation consulting through innovation and creativity. Fehr & Peers derive inspiration by partnering with communities to understand and shape local transportation futures objectively tailored to diverse needs. Clients trust Fehr & Peers to help them overcome barriers and uncertainty by combining our advanced expertise with curiosity, humility, and initiative to deliver implementable, data-driven solutions that reinforce community values. From the most straightforward to the most complex, Fehr & Peers actively listen to client and community needs and handle every project with diligence and focus.

4.2.3 Firm Qualifications and Experience



Matt Ridgeway, AICP, PTP has been involved in many of Fehr & Peers' highest visibility and most complex multi-modal projects. His key strength is his broad background and multi-modal approach. Many of these projects have involved the development of tools for assessing unique performance measures suited to avoiding dystopian impacts of new technologies and design of innovative transportation facilities. Matthew founded Fehr & Peers' San Francisco office in 2000 and established Fehr & Peers' DC in 2015. In addition to his work as a consultant, between 1999 and 2015, Matthew served as an instructor for the University of California at Berkeley Institute of Transportation Studies Technology Transfer Program. He has contributed to a number of national publications.



Kathrin Tellez is a Principal in Fehr & Peers' Orlando office with over twenty years of experience in transportation impact assessment, transportation demand management, integrated transportation/land use planning, site plan review, pedestrian and bicycle planning, and parking studies. She has overseen the development and application of multiple travel demand models, and has conducted transportation impact analyses for major residential and commercial development projects, including regional parks, schools, medical centers, and university campuses, including evaluating projects effects on intersection, roadway and freeway operations, and bicycle, pedestrian and transit systems, as well as vehicle miles of travel. Kristin is also well versed in the California Environmental Quality Act (CEQA) and National Environmental Protection Act (NEPA) requirements as they relate to Transportation and has prepared the transportation and circulation sections of numerous environmental documents.



Alex Rixey, AICP has diverse, multimodal transportation and land use project experience at a variety of geographic scales, ranging from single development sites to regional long-range plans. Alex's projects feature data analysis and visualization, as well as quantitative modeling of a variety of curbside demands, including vehicle storage, transit ridership, bicycle parking, and dock-based bikeshare. At the early stage of dock-based bikesharing adoption, Alex led request-for-information activities and advised clients on equipment vendor and operator selection

and has subsequently incorporated lessons learned into bikeshare implementation and business plans and the development of a station-level bike sharing ridership model. Alex frequently speaks to transportation, land use, and development organizations on the implications of app-based transportation services and autonomous vehicles on transportation infrastructure and policy, allocation of public right-of-way, and private development. Alex currently chairs ITE International's Pedestrian and Bicycle Standing Committee, where he is leading development of ITE's Micromobility Design Practitioner's Guide and has served as Secretary of the ITE Complete Streets Council where he supported development of the ITE Curbside Management Practitioner's Guide.



WALKER
CONSULTANTS

Established in 1965 as a structural engineering firm, Walker rapidly grew into a transportation, design and consulting firm, and by the 1980's led the industry as the most experienced parking consulting firm in the United States. Walker is proud of the impact their firm and people have had on the transportation industry and specifically on the planning, design and restoration of parking facilities worldwide. Many of the design elements and planning approaches that are taken for granted today are innovations developed by Walker's professional staff. Walker pioneered the concept of the mega-parking structure at theme parks, airports and international developments, furthered the use of and improved upon the concept of shared parking at mixed-use developments, and were instrumental in the development of design standards for accessible parkers. In addition to their design expertise, Walker has been a leader in the consulting area as well, being one of the first firms to demonstrate how strategic parking planning can help cities and towns promote economic development and improve the quality of life for residents. Walker served as the consultant for the first privatization of a municipal parking asset and has continued to assist with dozens of public/private partnership projects. Walker continues to provide a full spectrum of forensic restoration solutions to owners. Looking forward to the future, Walker is well positioned to address the challenges posed by the advent of autonomous vehicles and to aid our clients with planning consulting for transportation network companies, such as Uber and Lyft.

4.2.3 Firm Qualifications and Experience



James M. Corbett, CAPP is an innovative parking executive with twenty years of successful parking operation leadership and fiscal governance. Jim joined Walker in 2015 after a ten-year career as the Parking Division Manager with the City of Tampa where he managed a 17-million-dollar annual budget with one million dollars of capital

improvement designation per annum. The City operates thirty off-street locations with 11,372 spaces and 1,700 on-street metered spaces. Jim has specialized experience managing municipal and private parking assets including on-street parking, residential parking, concert arenas and sports stadiums, hospitals, convention centers, performing arts centers, hotels, office buildings, mixed-use surface lot parking and community redevelopment districts. Responsible for sustainable operation goals, new revenue opportunities, and financial accountability with proven skills in analysis, coordination, creativity and troubleshooting. Verified success initiating projects and programs that boost efficiency and productivity while enhancing community and consumer satisfaction. James has recently worked on the City of Hollywood Barrier Islands Parking Management Study and Paid Parking Strategies and the FDOT Barrier Island Transportation Management Plan.



PlusUrbia is a finely-tuned ensemble launched on the shared strength of more than 15 years of professional success in architectural design, planning, urban design, zoning, code creation, development and project management. The practice is rooted in collaboration that designs contextual cities, towns and neighborhoods that create lasting value. PlusUrbia's diverse team creates inspired design, collaborative approaches and innovative solutions to shape vibrant, efficient, adaptable and sustainable places of lasting cultural identity. Plusurbia has worked in China, the Middle East, North, South and Central America. PlusUrbia's international experience and global portfolio of completed projects is unmatched by any firm of its size. The studio's work on the Wynwood Neighborhood Revitalization District earned the American Planning Association's 2015 America's Great Places Award. PlusUrbia was honored by the Congress for New Urbanism as a member of the team that created the Best City Plan of 2014.



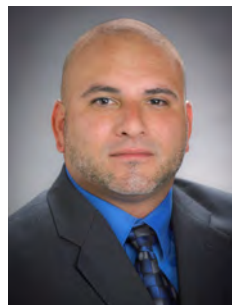
Juan Mullerat, AIA, APA, CNU, NCI is an urban planner and zoning code creator with 20 years of experience. As founder and principal of PlusUrbia, he has completed numerous zoning code simplification, development/design guideline, form-based code, complete street, multimodal corridor and park/open/civic space projects in South Florida

and around the world. Juan's expertise in developing urban design guidelines – and clear zoning codes that implement them – has been honored with national, statewide and regional planning awards. He excels at leading public workshops that have resulted in award-winning master plans, development projects and land use policies on a variety of scales. His work strives to create and capture the essence of places, transcending style and celebrating local culture. Juan believes that a society can be understood by the nature of its streets and public spaces. His vision has resulted in several awards both as an individual and as leader of PlusUrbia. Juan frequently lectures on context-sensitive, healthy and transit-oriented design. His projects have been published in dozens of books, magazines, newspapers and websites.



KEITH is a multidiscipline consulting firm that specializes in civil and transportation engineering, surveying, SUE services, planning and landscape architecture. KEITH now offers a full range services and incorporates the latest technology innovation. Highly specialized details that change the landscape or simple elements that directly improve people's lives.

KEITH has a commitment to make a difference through their work, and community involvement, has attracted and retained a professional team of experts with expansive ideas and experience. KEITH's decades long organizational knowledge of local projects as well as expertise in state, federal and international considerations are invaluable.



Dan Checchia is Vice President of Location Services and has over 21 years of experience in transportation engineering, surveying, civil design and construction related fields, with expertise in Subsurface Utility Engineering (SUE), including Utility Coordination. His duties are to oversee the day-to-day operations of all Subsurface Utility Engineering

and Coordination projects. Mr. Checchia is responsible for assisting clients with utility research, identification, data management and coordination. Besides having developed

4.2.3 Firm Qualifications and Experience

a strong rapport with local utilities and municipalities, his knowledge and experience in the Subsurface Utility Engineering process allows him to easily recognize utility conflicts during design and construction. He has been involved on a variety of projects such as design, design build and private sector work. Mr. Checchia is fully knowledgeable of the FDOT Utility Coordination process, with eight years of involvement working on multiple types of transportation projects.



Caltran is a certified DBE, MBE, CBE/SBE engineering services company based out of Miami, FL, with core services in the areas of traffic & transportation

engineering that specializes in traffic and highway analysis, traffic data collection, traffic signal design, inventories, GIS, parking studies, signal traffic warrants, freight, intermodal planning, traffic operations and transportation special studies. Caltran's staff has been involved in transportation and traffic contracts with the FDOT and many other public and private agencies throughout the State of Florida providing similar services to those required by this Broward County Contract. Caltran, as one of the more recognized data collection teams, has a proven capability to perform data collection and follows a procedure that incorporates the latest technology when deploying traffic data collection activities.



Juan Calderon, PE, PTOE, PTP, has over 21 years of experience in traffic/transportation engineering with a master's degree in civil engineering. Mr. Calderon has been involved in managing multiple traffics and planning engineering projects with the FDOT and related contracts. Within FDOT related contracts, Juan has participated actively in preliminary

engineering reports, design projects, planning, development of alternatives, conceptual designs, corridor studies, simulation, GIS, as well as, managing or directing projects that encompassed traffic impact studies, traffic circulation, PD&E, modeling, and traffic forecasting signalization, scoping reports and safety countermeasures. Regarding FDOT D6 planning projects Juan has participated in tasks involving the EPMP program, freight planning projects, highway and traffic data collection, functional classification/governmental jurisdictions, scoping reports, traffic operation analysis and modeling, and public involvement.



Savino & Miller began in 1985 with the partnership of Adriana Savino and Barry Miller as a collaborative approach with architecture, landscape architecture, urban design and regional planning. Their first projects focused on the Art Deco District in Miami Beach where they showed how small gardens, courtyards and the outdoor terraces further contribute in the resurgence of the district framing, complementing and animating the beautiful architecture. Savino & Miller works to preserve, enhance, and transform environments with the purpose to enrich human experience, and promote ecological stewardship. Savino & Miller believes that design should consider and respect context, bring people together, and foster a greater awareness of place. Preservation, Sustainability and uplifting the role of nature have been at the core of their practice from the very beginning. Savino & Miller is a team of professionals dedicated to improving and transforming our open spaces and built environments. Our guiding principle is to recognize the unique qualities inherent in each project. Savino & Miller engages the cultural and environmental context of the site with imagination, ecological sensitivity, resilient practices and thoughtful design.



AREHNA | Engineering, Inc.

Arehna is a geotechnical engineering and materials testing firm with an experienced staff of engineers, who work closely with clients and project design teams, carefully consider project information, and provide the most cost-effective solutions to the challenges faced on each project. Arehna has successfully provided geotechnical engineering services on contracts for a variety of public and private sector clients. Project experience includes roadway improvement, bridge replacements, complete streets, parks and trails, safety and bike and pedestrian improvements, water, wastewater, stormwater and drainage projects for the City of Fort Lauderdale, Broward County, FDOT, FDEP, SWFWMD and Counties and Cities throughout the State. Arehna is a Certified County Business Enterprise (CBE) with Broward County and a State of Florida Certified Minority Business Enterprise (MBE) and Disadvantage Business Enterprise (DBE) that provides innovative and comprehensive geotechnical and materials testing and inspection services throughout the State of Florida. Arehna, prequalified in FDOT Work Groups: 9.1, 9.2, 9.3, 9.4.1, 9.4.2, 9.5, and 10.3, has a full service geotechnical and construction materials testing laboratory, which is AASHTO accredited, USACE validated, and FDOT approved. Arehna's in-house drilling and coring capabilities give us control of our schedule and the ability to meet the most aggressive project schedules.

4.2.3 Firm Qualifications and Experience



E Sciences is an environmental, engineering and ecological consulting firm providing a wide range of services to clients in both the public and private sectors. E Sciences was formed in 2000, bringing together a team of professional and technical staff members with a long history of successfully executing projects throughout Florida and the southeastern United States. Headquartered in Orlando, Florida, E Sciences also has offices in Fort Lauderdale, DeLand and Miami. E Sciences' fundamental philosophy is based on responsiveness, expertise and creating value for our clients through teamwork and commitment to our communities. E Sciences delivers strong project management, comprehensive multi-disciplinary services, knowledge of specific regional issues, relevant experience, and dedication to technical excellence. This expertise qualifies E Sciences as leaders in their field. E Sciences understand the challenges facing private companies and government agencies, including scheduling constraints and shrinking budgets, and we respond by structuring our project teams to deliver high value and excellent service. E Sciences was founded on the belief that they could consistently perform better than our competitors by providing quality, reliable services regardless of the size of the project. E Sciences applies the same professional and technological expertise to our services whether the project is a small single-service contract or a large-scale multidisciplinary effort.



Delta G was founded in 1992 and is registered with the USGBC. Delta G is a full-service consulting engineering firm dedicated to providing our clients with the highest quality Electrical, HVAC, Plumbing and Fire Protection engineering services at a competitive cost. Delta G office has a total of 5 Registered Professional Engineers, 13 Engineers/Designers, and support staff; including, 12 LEED Accredited Professionals. Delta G has over 300 years of Engineering Experience with the average engineer having 18 years of experience. Delta G experienced in low-rise, mid-rise and high-rise residential and office building design, hospitals, fire and police stations, airports, schools, library, municipal, retail, hotel, and single-family custom homes design. Delta G is centrally located to serving clients in Miami-Dade, Monroe, Broward and Palm Beach Counties. Delta G's headquarters are in Downtown Fort Lauderdale and an additional office location in Coral Gables. Possessing a firm understanding of large-scale projects; Delta G

professionals bring to the design team strong relationships with major institutional clients and an in-depth knowledge of the engineering disciplines. Clients trust Delta G to conduct research, present options, and deliver thorough, accurate, timely construction documents, reports, and analysis.

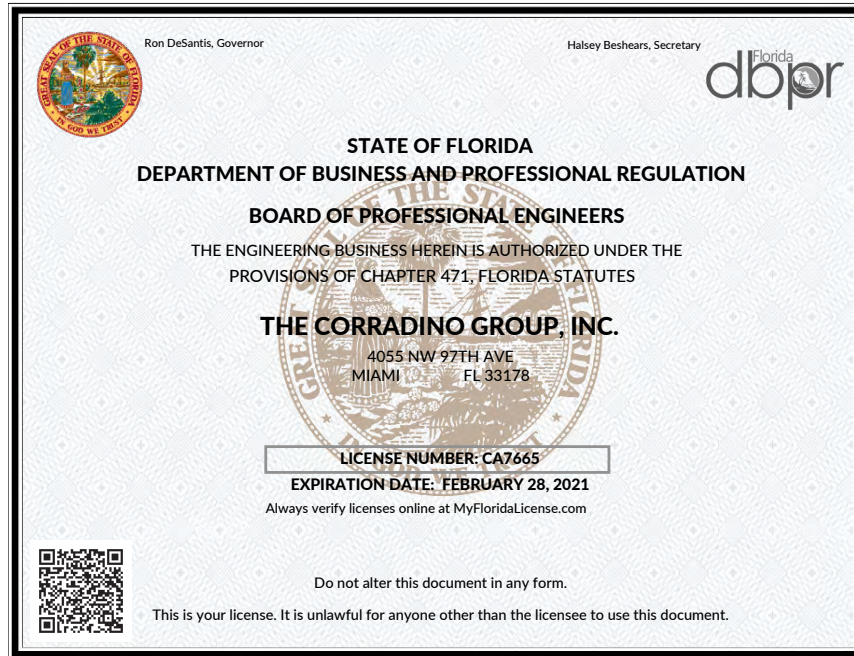


ADEPT, headquartered in Fort Lauderdale, is a leading South Florida advertising, marketing and communications agency which was founded in January of 2013. ADEPT offers expertise in economic development, capturing public and private procurement opportunities, direct advocacy, government & public affairs, social media and digital marketing. Our broad range of experience allows us to provide a better outlook on economic, political and social dynamics that influence important constituencies. ADEPT currently employs eight personnel with diverse backgrounds in marketing, economic development, branding and community placemaking, communications, graphic design, website design and development, special events and public involvement. ADEPT is a small, minority and woman-owned company, federally certified as a Disadvantaged Business Enterprise (DBE) in Florida, under the Unified Certification Program (UCP) in accordance with 49 CFR, PART 26 administered by the Florida DOT. ADEPT is also a State of Florida certified Small Business Enterprise (SBE) for Public Relations, Marketing and Advertising Consulting Services. ADEPT develops solutions and achieves results through its comprehensive network of relationships at the local, state and federal levels of government as well as with corporations, foundations and nonprofits. ADEPT focuses on providing public and private clients with experts in advertising, marketing and communications.

A complete Standard Form 330 is included in the **4.2.4 Qualification of the Project Team Section**, including an organizational chart and resumes of key personnel showing detailed previous experience and proficiency with similar projects. Our team is prepared to service the City of Fort Lauderdale under this Continuing Services Contract.

4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES + CERTIFICATIONS | CORRADINO



State of Florida
Department of State


I certify from the records of this office that THE CORRADINO GROUP, INC. is a Kentucky corporation authorized to transact business in the State of Florida, qualified on January 13, 1997.

The document number of this corporation is F97000000207.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 8, 2020, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-first day of January, 2020



Randy R. Lee
Secretary of State

Tracking Number: 1517836817CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

4.2.3 Firm Qualifications and Experience

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA: CARR SMITH CORRADINO
Business Name: CARR SMITH CORRADINO
Owner Name: THE CORRADINO GROUP INC
Business Location: 5200 NW 33 AVE 203
 FT LAUDERDALE
Business Phone: 954-777-0044

Receipt #: 315-598
Business Type: ENGINEER (CONSULTING ENGINEERS)
Business Opened: 06/06/1994
State/County/Cert/Reg: EB-48264
Exemption Code:

Rooms: **Seats:** **Employees:** 8 **Machines:** **Professionals:**

For Vending Business Only						Total Paid
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
37.50	3.75	0.00	0.00	0.00	0.00	41.25

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:
 THE CORRADINO GROUP INC
 5200 NW 33 AVE STE 203
 FORT LAUDERDALE, FL 33309

Receipt #10A-18-00000820
Paid 09/23/2019 41.25

2019 - 2020

009284

Local Business Tax Receipt
 Miami-Dade County, State of Florida
 -THIS IS NOT A BILL - DO NOT PAY

7207971

BUSINESS NAME/LOCATION
 THE CORRADINO GROUP INC
 4055 NW 97TH AVE 200
 DORAL FL 33178

RECEIPT NO.
 RENEWAL
 7491282

EXPIRES
SEPTEMBER 30, 2020
 Must be displayed at place of business
 Pursuant to County Code
 Chapter 8A – Art. 9 & 10

OWNER
 THE CORRADINO GROUP INC
 C/O JOSEPH C CORRADINO PRES

SEC. TYPE OF BUSINESS
 212 P.A./CORP/PARTNERSHIP/FIRM
 LB6841

PAYMENT RECEIVED BY TAX COLLECTOR
 \$639.00 07/26/2019
 CHECK21-19-068500

Employee(s) 142

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector

4.2.3 Firm Qualifications and Experience



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

September 11, 2019

Frederick P'Pool, Chief Operation Officer
THE CORRADINO GROUP, INC.
4055 NW 97th Avenue, Suite 200
Miami, Florida 33178

Dear Mr. P'Pool:

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

Group 2 - Project Development and Environmental (PD&E) Studies

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

Group 10 - Construction Engineering Inspection

- 10.1 - Roadway Construction Engineering Inspection
- 10.3 - Construction Materials Inspection
- 10.4 - Minor Bridge & Miscellaneous Structures CEI
- 10.5.1 - Major Bridge CEI - Concrete
- 10.5.2 - Major Bridge CEI - Steel
- 10.5.3 - Major Bridge CEI - Segmental

Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

www.fdot.gov

4.2.3 Firm Qualifications and Experience

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
137.03%	113.91%	0.169%	Reimbursed	No	1.95%	7.52%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

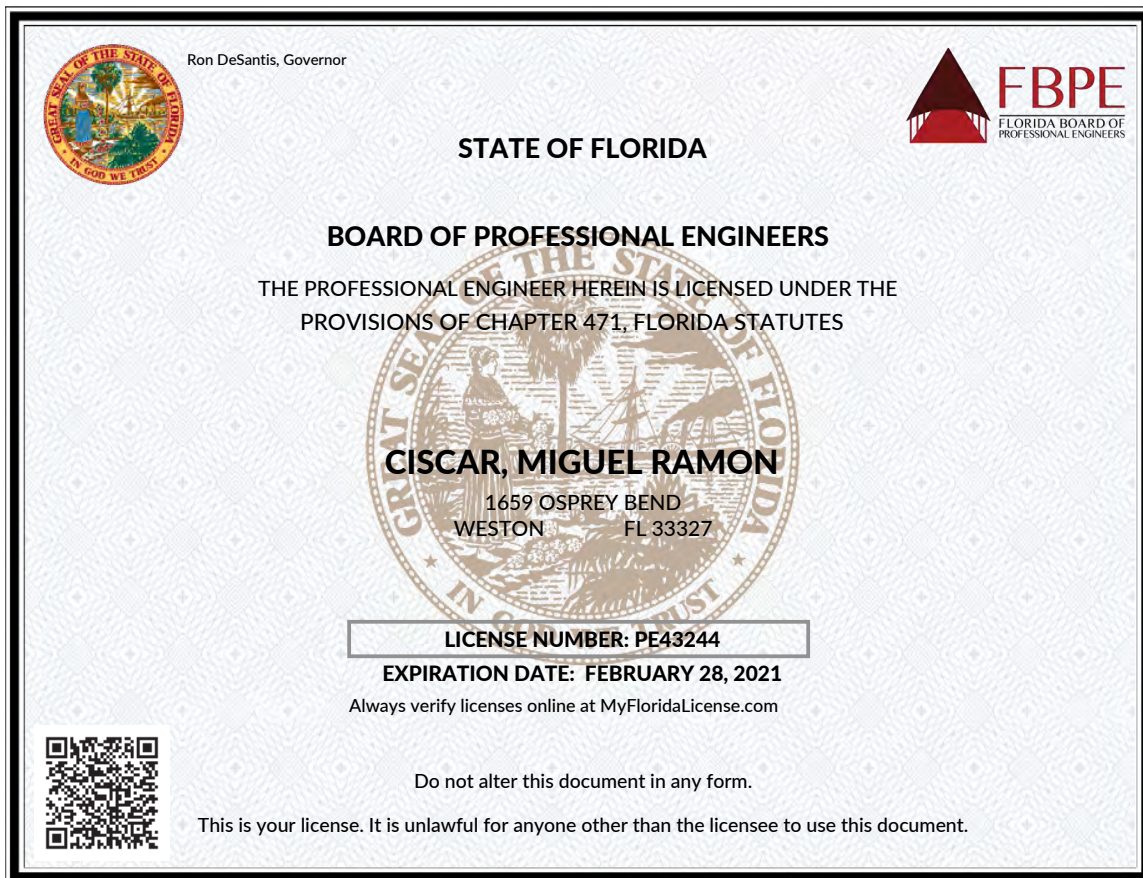
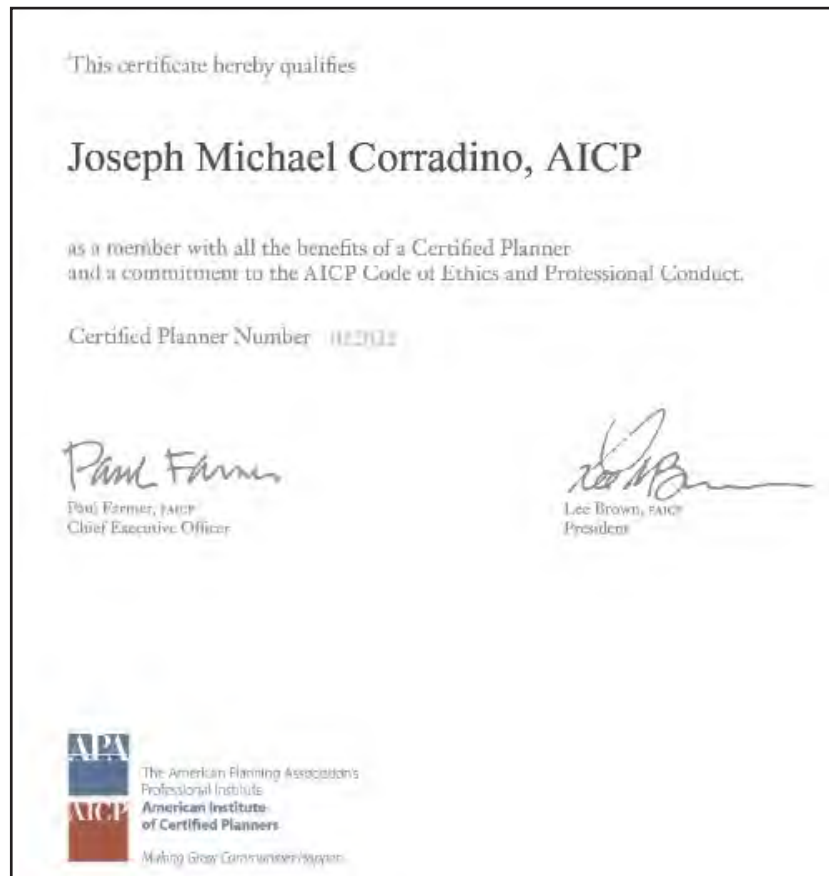
Sincerely,



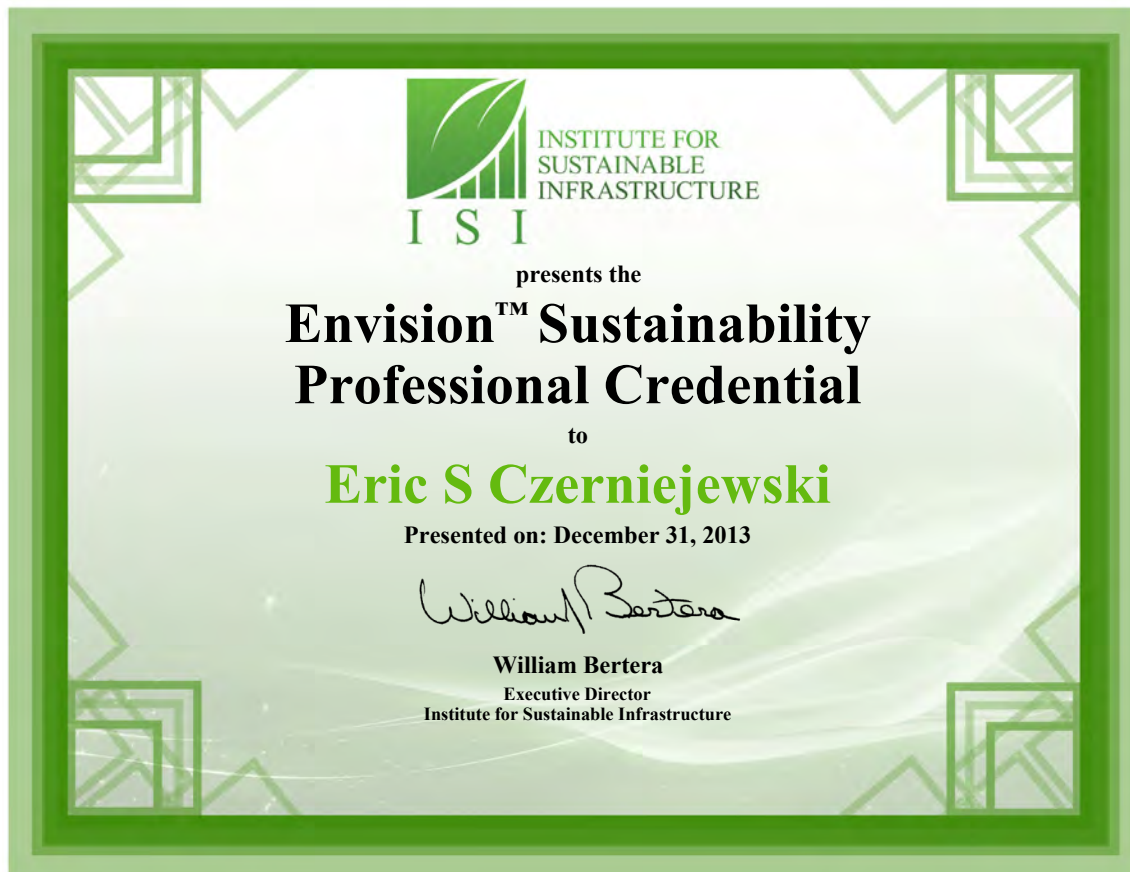
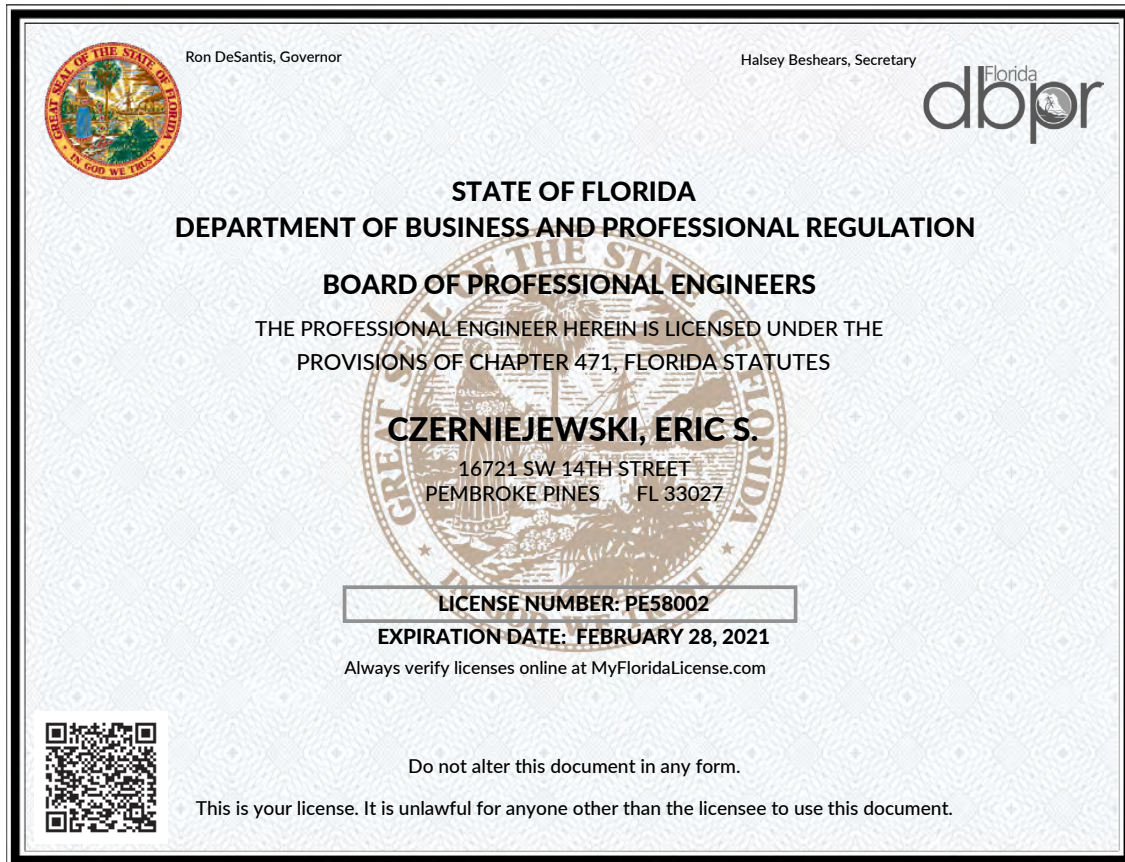
Carliayn Kell
Professional Services
Qualification Administrator

www.fdot.gov

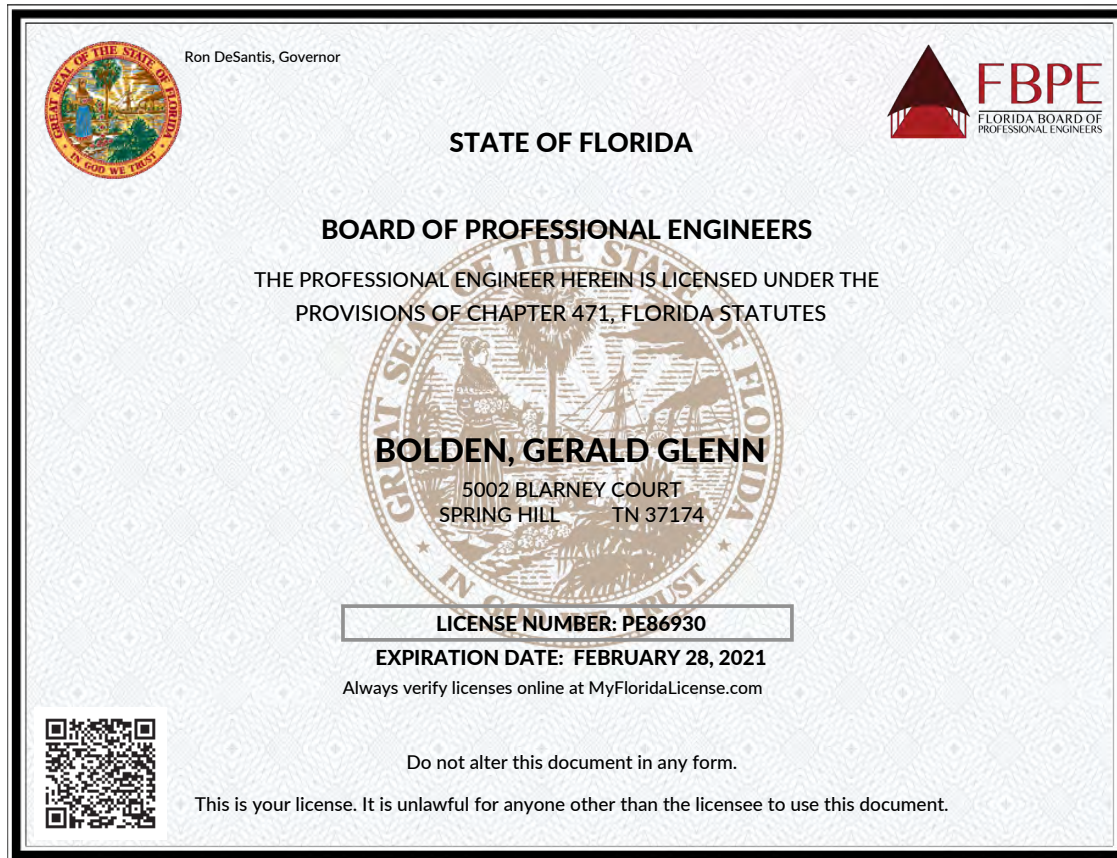
4.2.3 Firm Qualifications and Experience



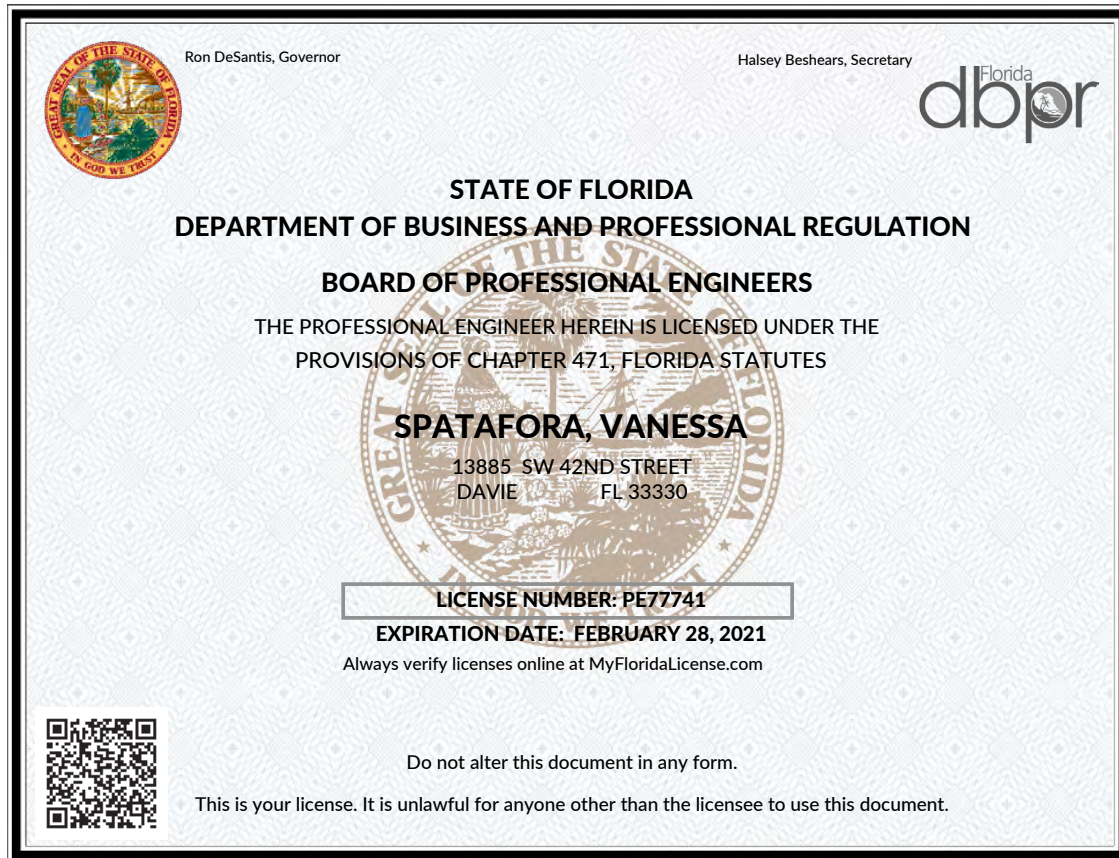
4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience




This certificate hereby qualifies

Edward Wing Keung Ng, AICP

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

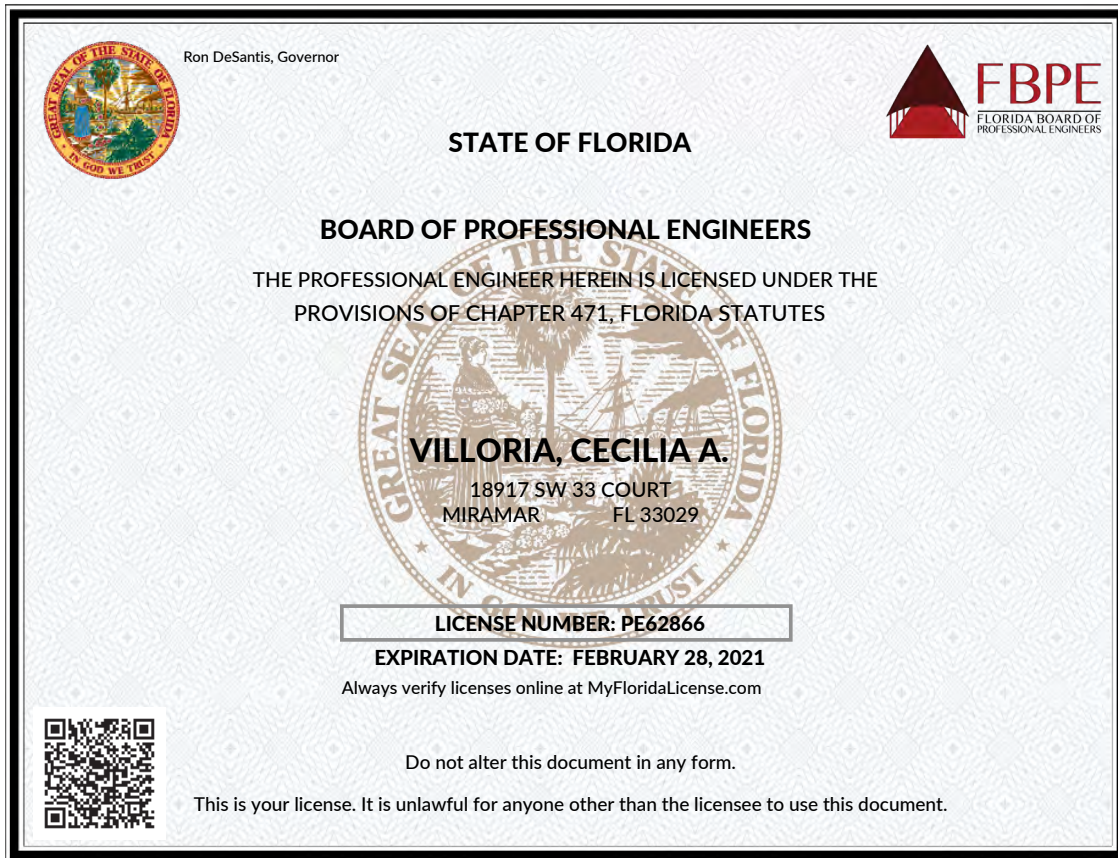
Certified Planner Number: 028927


James M. Drinan, JD
Executive Director

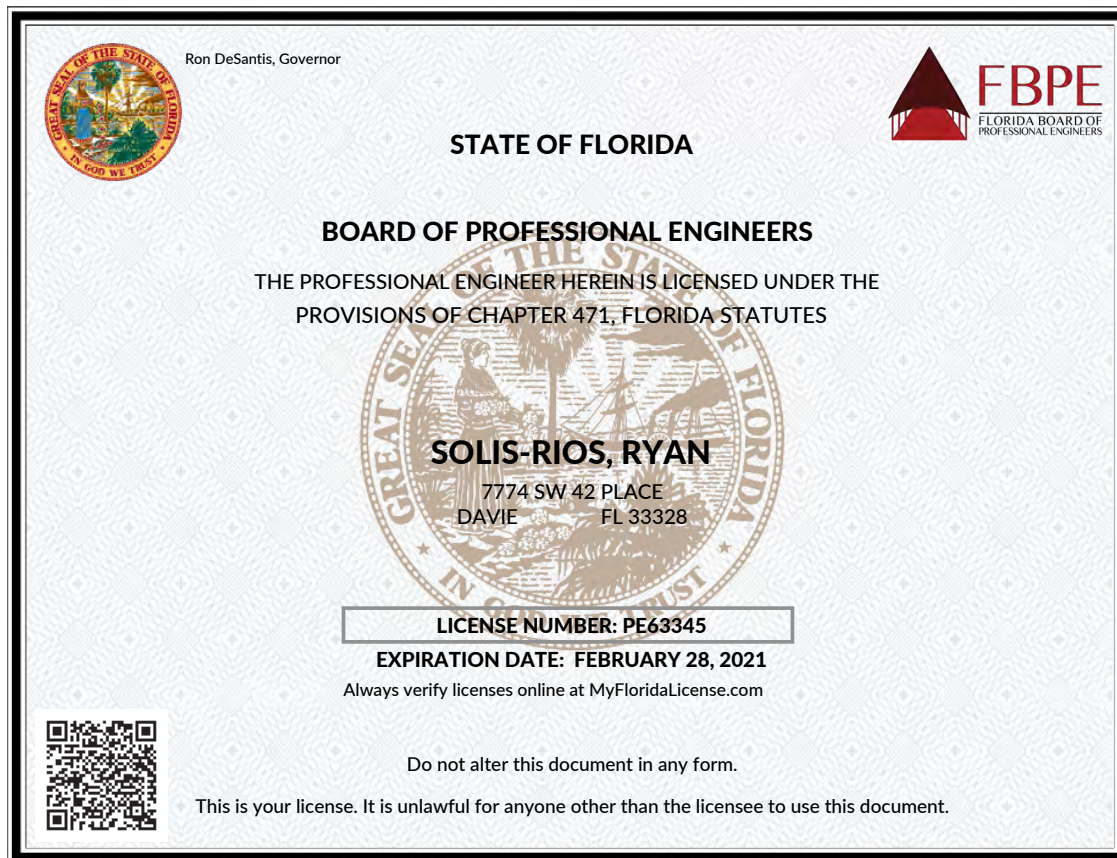

Valerie J. Hubbard, FAICP
President



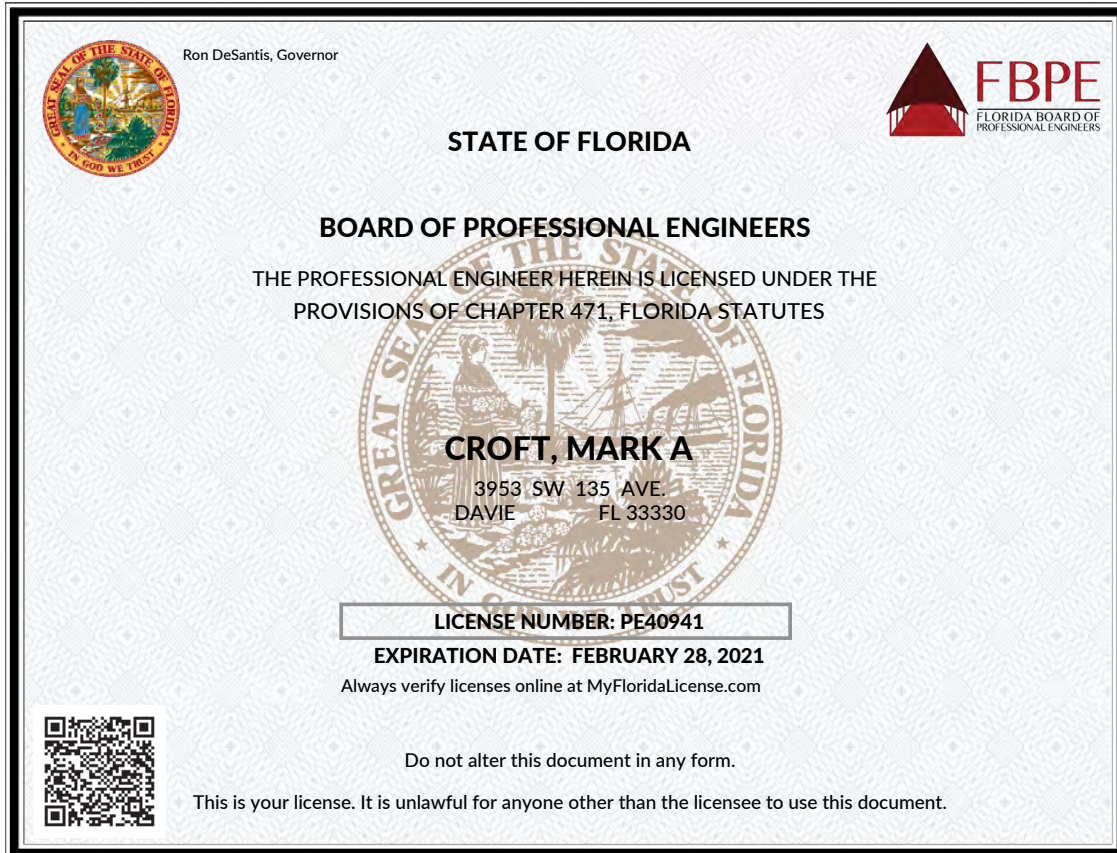
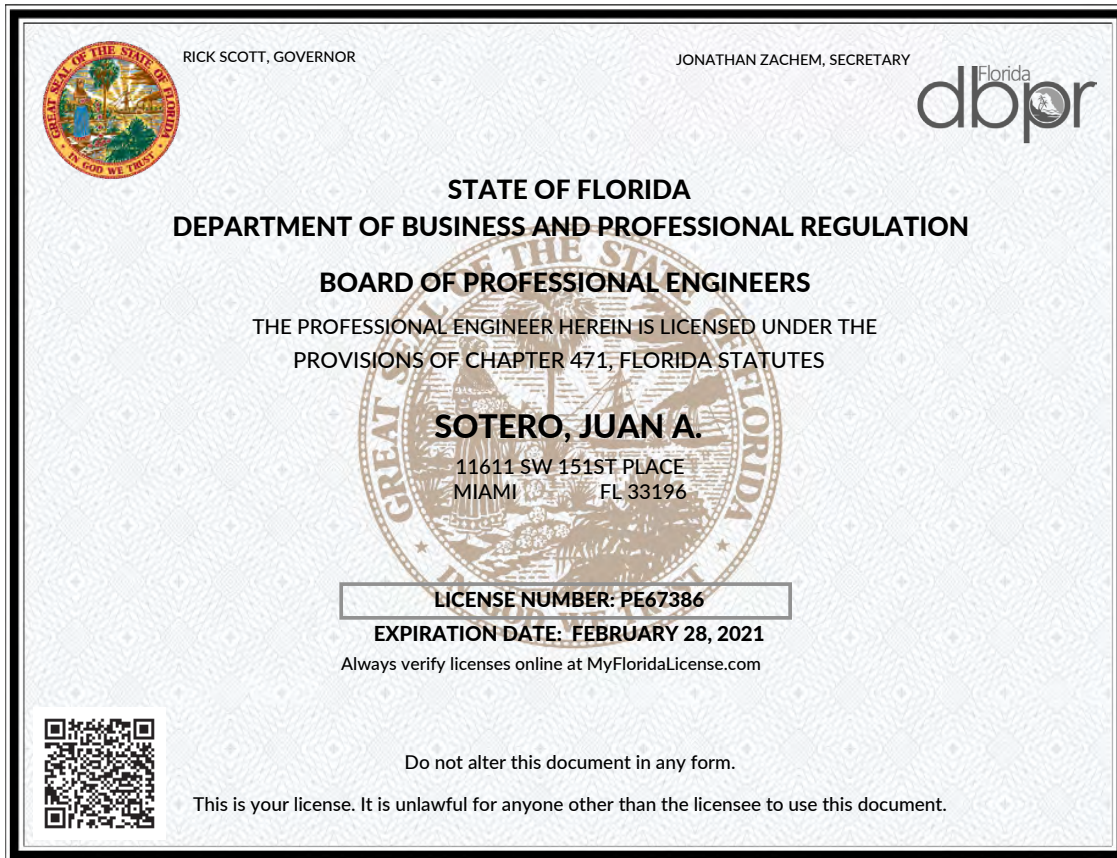
4.2.3 Firm Qualifications and Experience



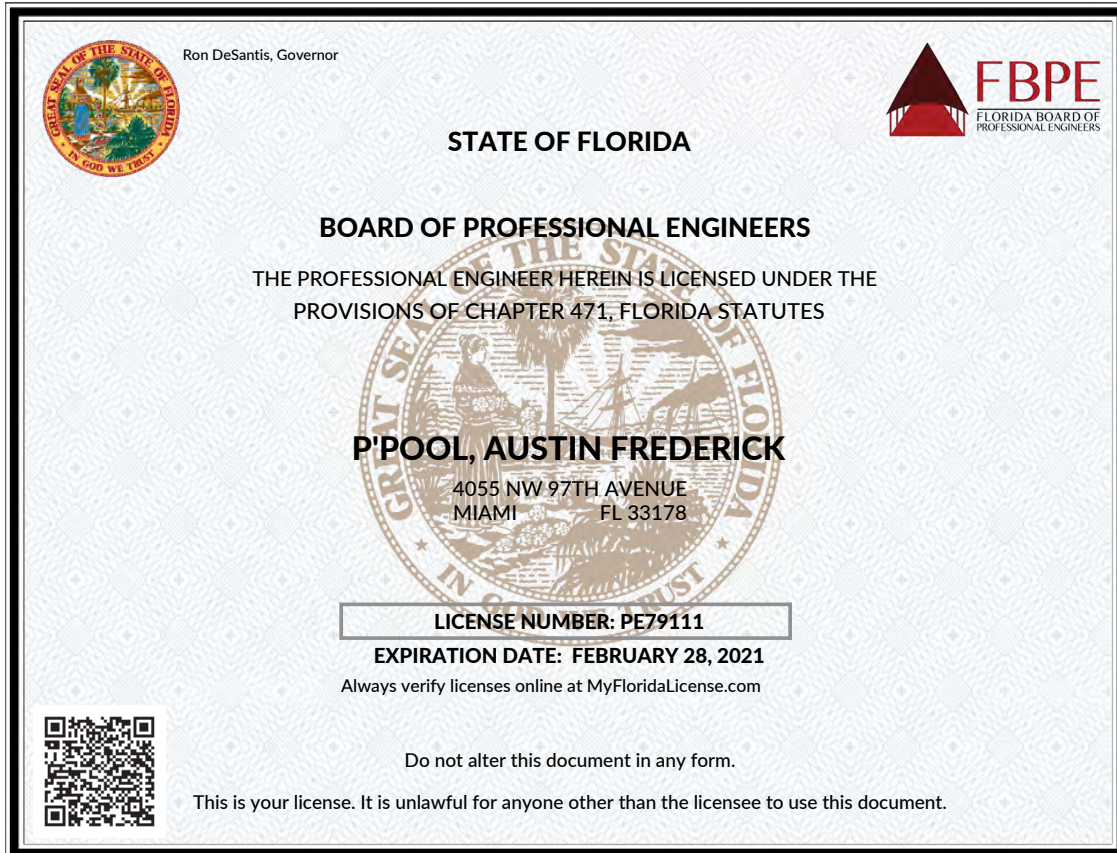
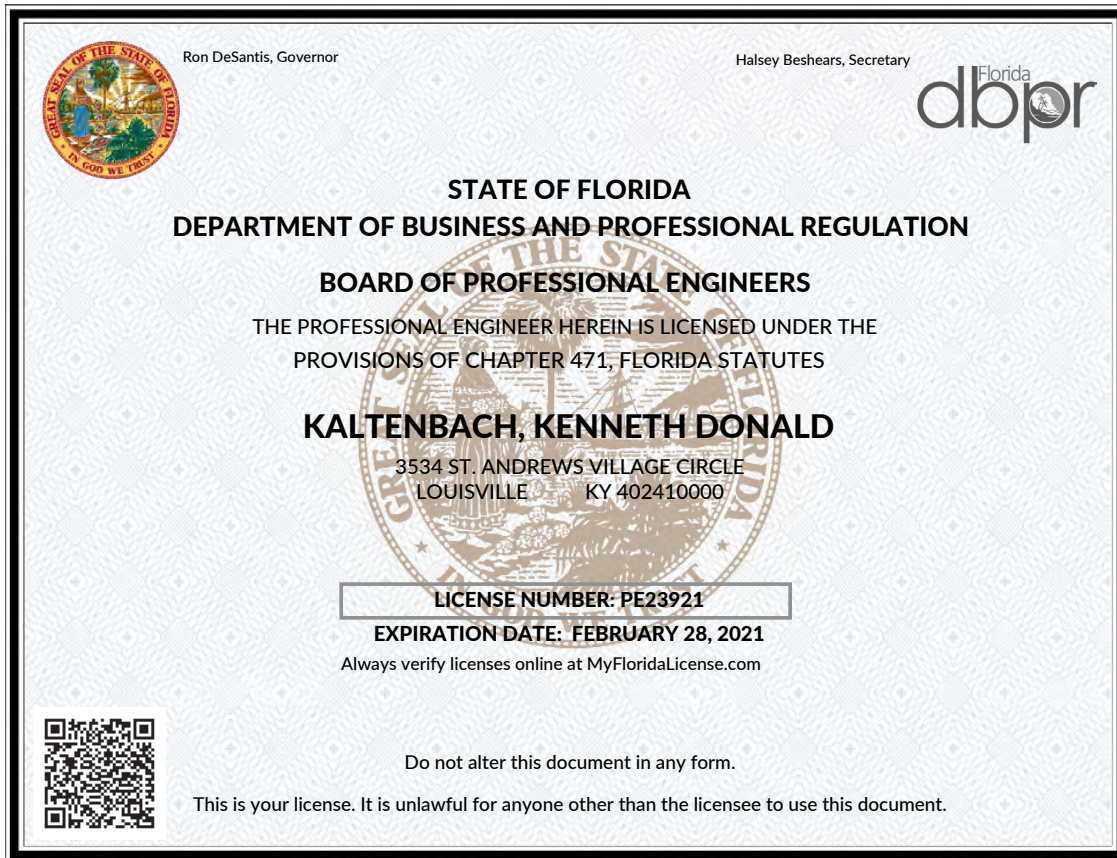
4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

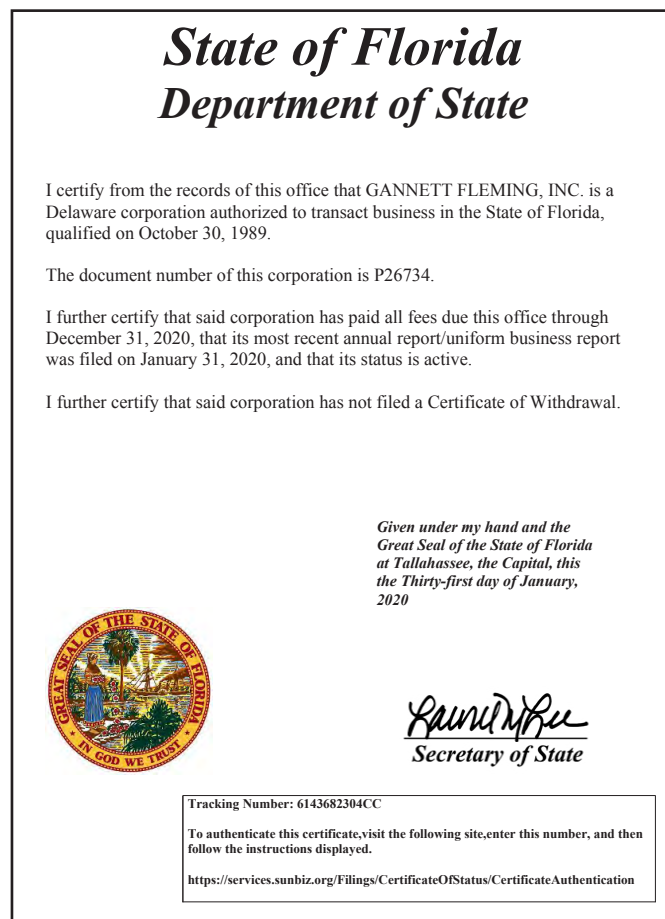
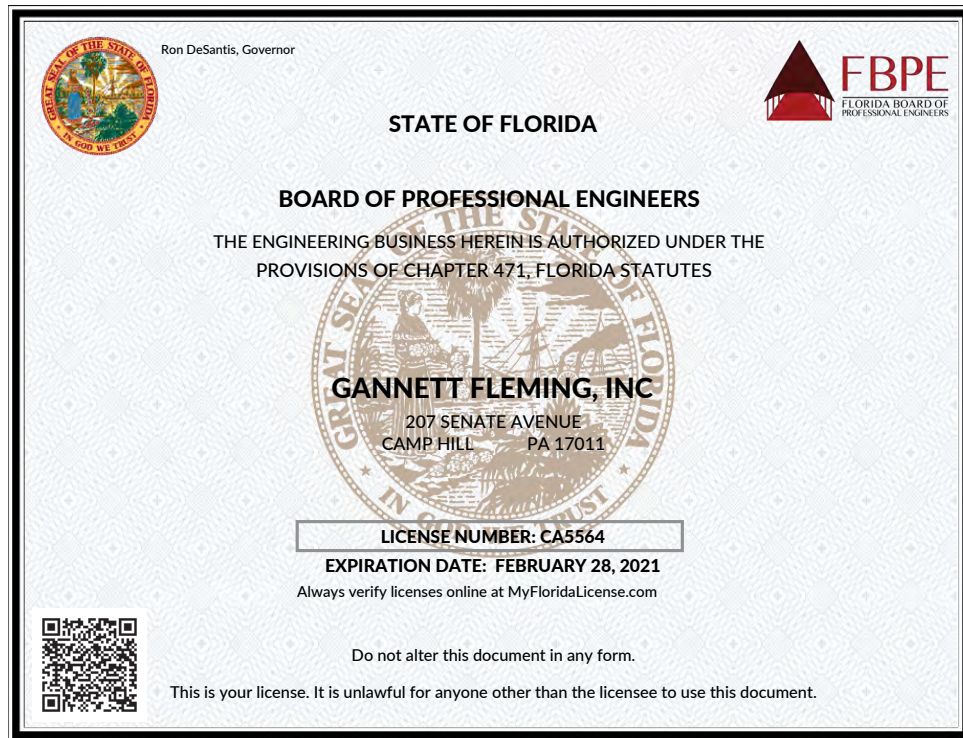


4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES + CERTIFICATIONS | GANNET FLEMING



4.2.3 Firm Qualifications and Experience



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

August 2, 2019

Naldo Gonzalez, Vice President
GANNETT FLEMING, INC.
800 NW 62nd Avenue, Suite 490
Miami, Florida 33126

Dear Mr. Gonzalez:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
 - 4.2.1 - Major Bridge Design - Concrete
 - 4.2.2 - Major Bridge Design - Steel
- Group 5 - Bridge Inspection
 - 5.1 - Conventional Bridge Inspection
 - 5.3 - Complex Bridge Inspection
 - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
 - 6.3.1 - Intelligent Transportation Systems Analysis and Design
 - 6.3.2 - Intelligent Transportation Systems Implementation
 - 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

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4.2.3 Firm Qualifications and Experience

- Group 9 - Soil Exploration, Material Testing and Foundations
- 9.4.1 - Standard Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing
- Group 10 - Construction Engineering Inspection
- 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
- Group 11 - Engineering Contract Administration and Management
- Group 13 - Planning
- 13.3 - Policy Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics
- Group 14 - Architect
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

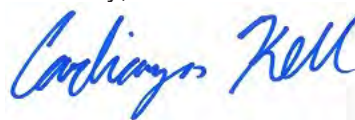
Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
157.35%	134.96%	0.226%	Reimbursed	No	10.65%	5.95%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

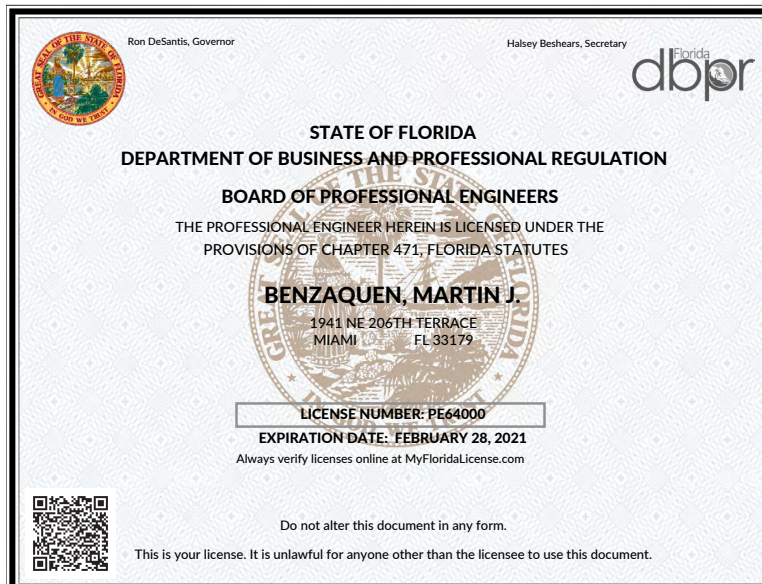
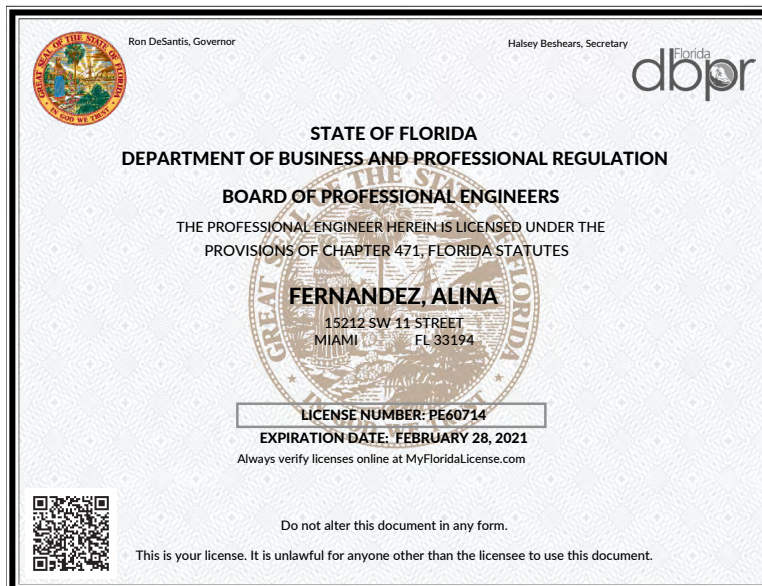
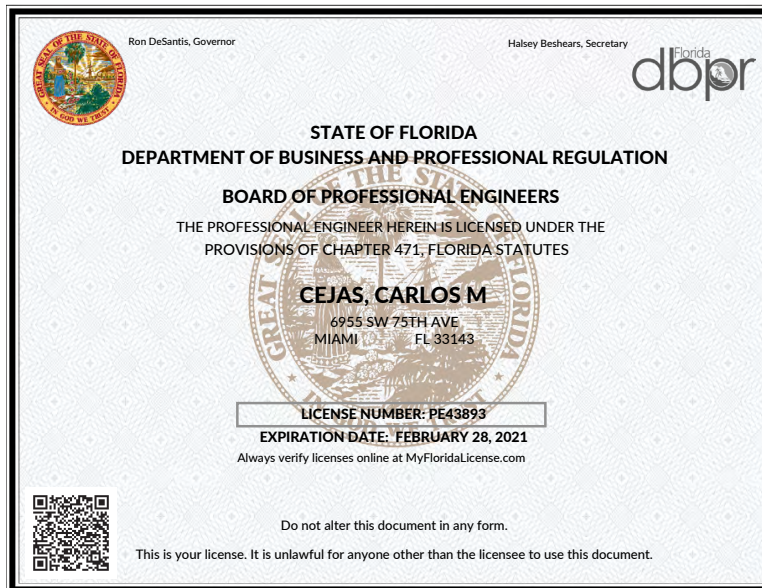
Sincerely,



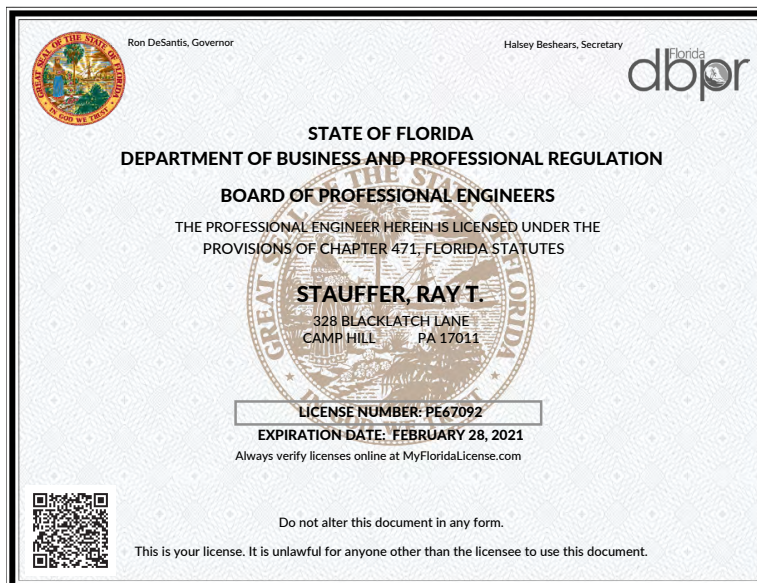
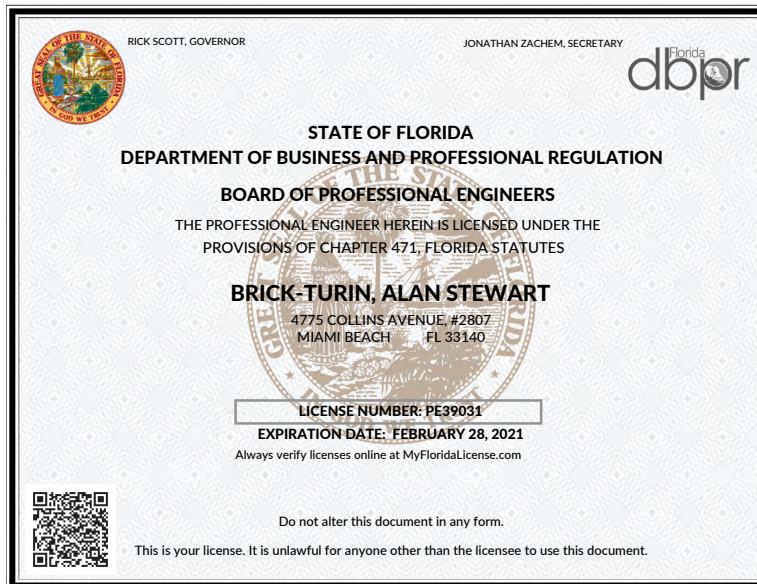
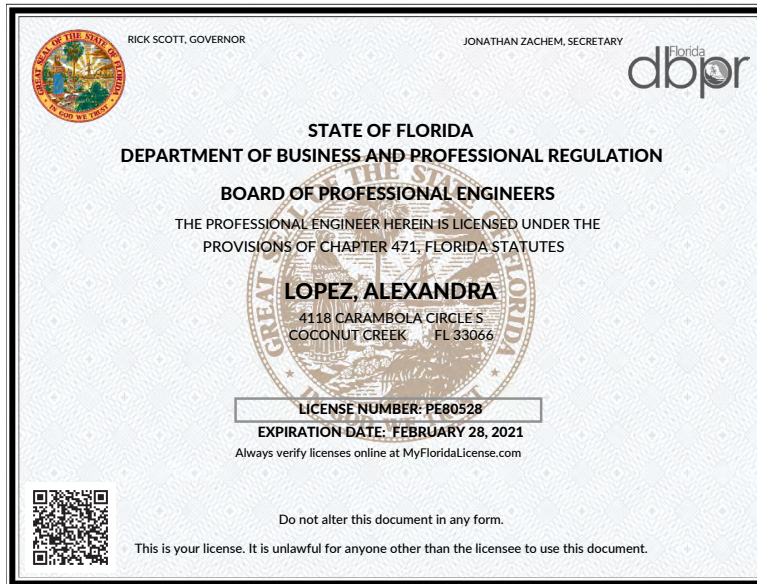
Carliayn Kell
Professional Services
Qualification Administrator

www.fdot.gov

4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES + CERTIFICATIONS | CAMBRIDGE SYSTEMATICS



DIVISION of
CORPORATIONS
an official State of Florida website

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cambridge systematics

Search

[Events](#) **No Name History**

Detail by Entity Name

Foreign Profit Corporation
CAMBRIDGE SYSTEMATICS, INC.

Filing Information

Document Number	F96000003952
FE/EIN Number	04-2505095
Date Filed	08/02/1996
State	MA
Status	ACTIVE
Last Event	REINSTATEMENT
Event Date Filed	12/19/2003

Principal Address

101 Station Landing
SUITE 410
Medford, MA 02155

Changed: 01/23/2018

Mailing Address

101 Station Landing
SUITE 410
Medford, MA 02155

Changed: 01/23/2018

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525



4.2.3 Firm Qualifications and Experience



Log OnHome

3:11:47 PM 2/7/2020

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Licensee Details

Licensee Information


Name:	ZHU, PENG (Primary Name)
Main Address:	3161 OVERLOOK ROAD DAVIE Florida 33328
County:	BROWARD
License Mailing:	
LicenseLocation:	

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	76297
Status:	Current,Active
Licensure Date:	06/17/2013
Expires:	02/28/2021

Special Qualifications

Qualification Effective	
Civil	06/17/2013



Log OnHome

3:13:34 PM 2/7/2020

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[File a Complaint](#)
[AB&T Delinquent](#)
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Licensee Details

Licensee Information

Name:	PASUMARTHY, VENKATA S. (Primary Name)
Main Address:	1566 VILLAGE SQUARE BOULEVARD SUITE 2 TALLAHASSEE Florida 32309
County:	LEON
License Mailing:	
LicenseLocation:	1566 VILLAGE SQUARE BOULEVARD SUITE 2 TALLAHASSEE FL 32309
County:	LEON

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	75120
Status:	Current,Active
Licensure Date:	11/01/2012
Expires:	02/28/2021

Special Qualifications

Qualification Effective	
Civil	11/01/2012

4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES + CERTIFICATIONS | FEHR & PEERS

Licensee Details

Licensee Information

Name: **FEHR & PEERS, CORPORATION (Primary Name)**
Main Address: **100 PRINGLE AVE
SUITE 600
WALNUT CREEK California 94596**
County: **OUT OF STATE**
License Mailing:
LicenseLocation:

License Information

License Type: **Certificate of Authorization**
Rank: **Cert of Auth**
License Number: **33020**
Status: **Current**
Licensure Date: **03/08/2019**
Expires: **02/28/2021**

Special Qualifications

Qualification Effective



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Foreign Profit Corporation
FEHR & PEERS, CORPORATION

Filing Information

Document Number F18000002425
FEI/EIN Number 68-0065540
Date Filed 05/21/2018
State CA
Status ACTIVE

Principal Address

100 PRINGLE AVE SUITE 600
WALNUT CREEK, CA 94596

Mailing Address

100 PRINGLE AVE SUITE 600
WALNUT CREEK, CA 94596

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Officer/Director Detail

Name & Address

Title CP

HENRY, MATTHEW J
100 PRINGLE AVE SUITE 600
WALNUT CREEK, CA 94596

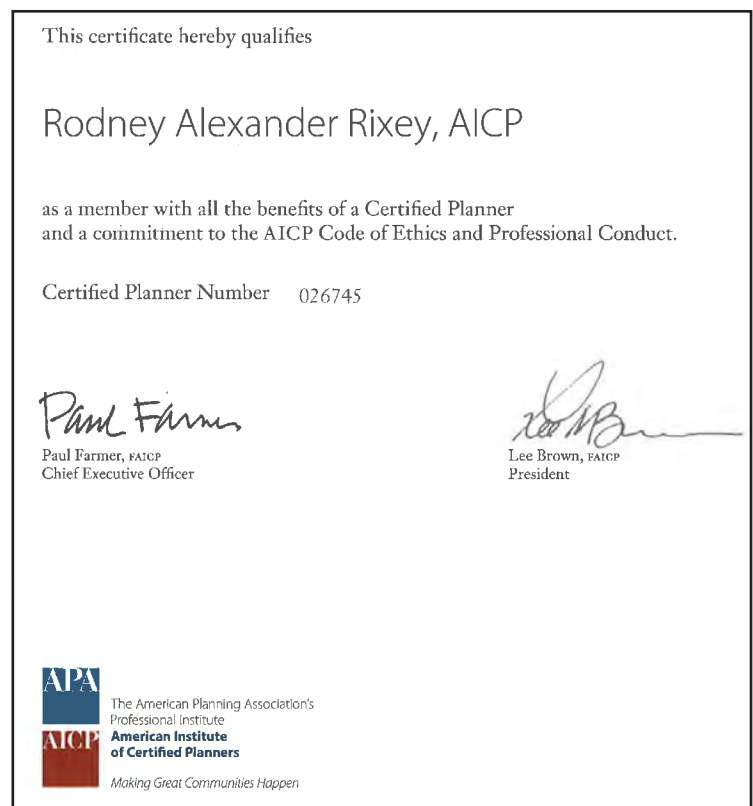
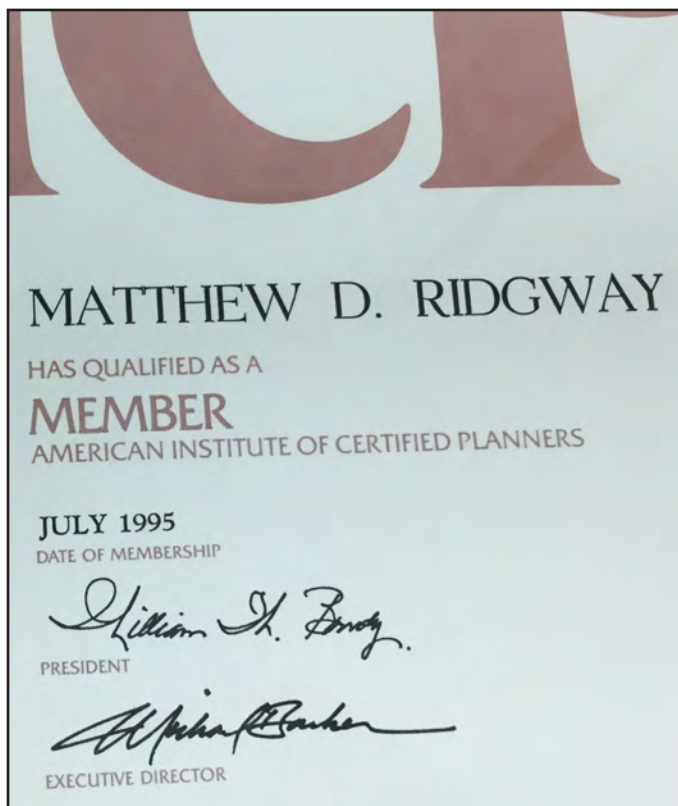
Title CST

DONNELLY, MARION
100 PRINGLE AVE SUITE 600
WALNUT CREEK, CA 94596

Title VCP

BROWN, STEVEN
101 PACIFICA SUITE 300
IRVINE. CA 92618

4.2.3 Firm Qualifications and Experience



FIRM/PERSONNEL LICENSES + CERTIFICATIONS | WALKER



GAM 21-0011
Exhibit 6
Page 43 of 250

4.2.3 Firm Qualifications and Experience



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

May 25, 2019

Gary Rider, Vice President/Managing Principal
WALKER PARKING CONSULTANTS/ENGINEERS, INC.
4904 Eisenhower Boulevard, Suite 150
Tampa, Florida 33634

Dear Mr. Rider:

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

Group 13 - Planning

13.6 - Land Planning/Engineering

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until May 25, 2020 for contracting purposes.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator

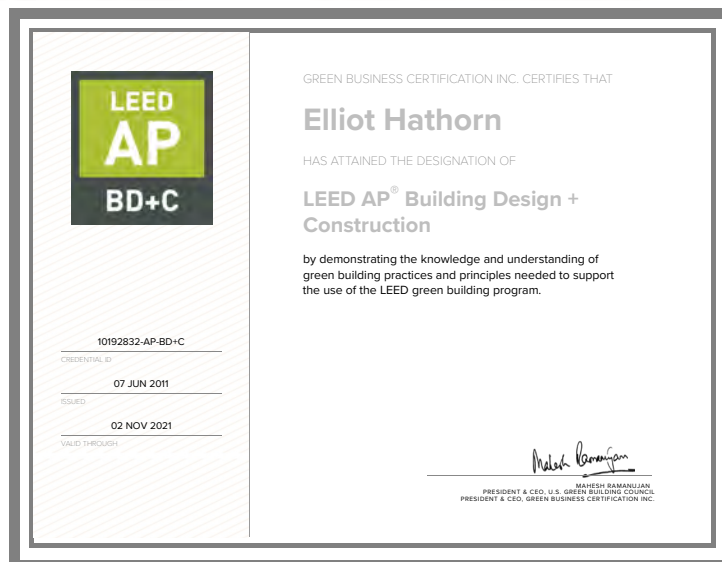
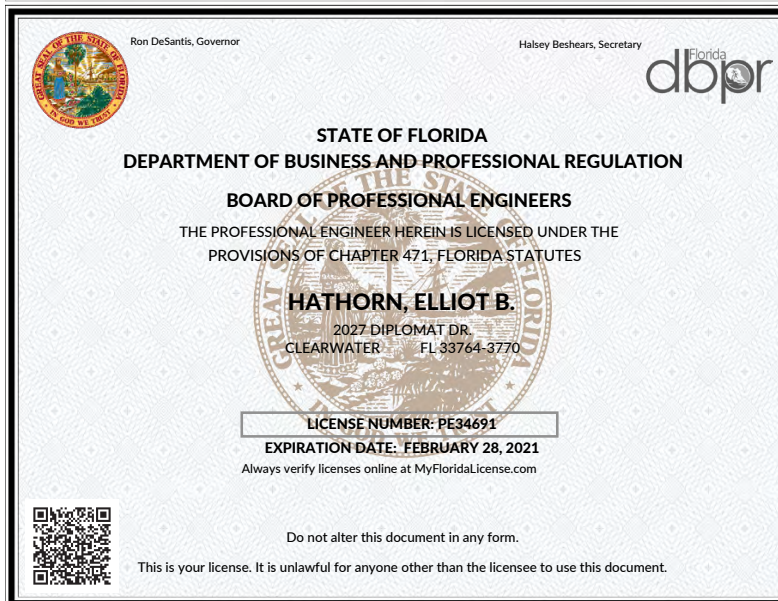
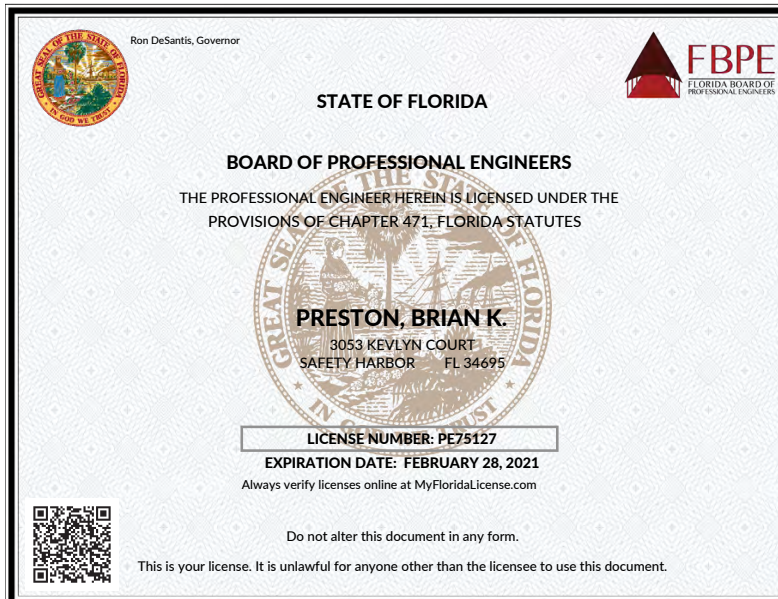
CBHK/kw

www.fdot.gov

4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES + CERTIFICATIONS | PLUSURBIA



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Limited Liability Company
PLUS URBIA, LLC

Filing Information

Document Number L10000003286
FEI/EIN Number 27-2163647
Date Filed 01/11/2010
State FL
Status ACTIVE
Last Event LC NAME CHANGE
Event Date Filed 07/06/2010
Event Effective Date NONE

Principal Address

1385 Coral Way
PH 401
Miami, FL 33145

Changed: 01/31/2018

Mailing Address

1385 Coral Way
PH 401
Miami, FL 33145

Changed: 01/31/2018

Registered Agent Name & Address

MULLERAT, JUAN
1385 Coral Way
PH 401
MIAMI, FL 33145

Address Changed: 01/31/2018

Authorized Person(s) Detail

Name & Address

Title MGRM

MULLERAT, JUAN
1385 Coral Way



4.2.3 Firm Qualifications and Experience



Internal Services Department Small Business Development

111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

December 30, 2019

Juan Mullerat
PLUS URBIA, LLC DBA PLUSURBIA DESIGN
1385 Coral Way
#401
Miami, FL 33145

Approval Date: December 4, 2019 - Disadvantaged Business Enterprise (DBE)
Anniversary Date: December 4, 2020

Dear Juan Mullerat,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) in accordance with 49 CFR Part 26.

DBE certification is continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form on or before the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual No Change Declaration form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>.

DBE certification is NOT a guarantee of work, but it enables the firm to compete for and perform contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If at any time there is a material change in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, individuals or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to comply will result in action to remove your firm's DBE certification.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)

NAICS 541320: LANDSCAPE ARCHITECTURAL SERVICES

4.2.3 Firm Qualifications and Experience



**Internal Services Department
Small Business Development**

111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

December 30, 2019

Juan Mullerat
PLUS URBIA, LLC DBA PLUSURBIA DESIGN
1385 Coral Way
#401
Miami, FL 33145

Approval Date: December 4, 2019 - Small Business Enterprise - Architectural & Engineering (SBE-A&E)

Expiration Date: December 31, 2022

Dear Juan Mullerat,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise - Architectural & Engineering (SBE-A&E). The Small Business Enterprise (SBE) programs are governed by sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes.

This Small Business Enterprise - Architectural & Engineering (SBE-A&E) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date, December 4, 2020. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three-year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years' certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <http://www.miamidade.gov/smallbusiness/certification-lists.asp>. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

MDC-TCC 21: LAND-USE PLANNING

4.2.3 Firm Qualifications and Experience



Internal Services Department Small Business Development

111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111
F 305-375-3160

December 30, 2019

Juan Mullerat
PLUS URBIA, LLC DBA PLUSURBIA DESIGN
1385 Coral Way
#401
Miami, FL 33145

Approval Date: December 4, 2019 - Small Business Enterprise - Goods & Services (SBE-G&S)

Expiration Date: December 31, 2022

Dear Juan Mullerat,

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise - Goods & Services (SBE-G&S). The Small Business Enterprise (SBE) programs are governed by sections 2-8.1.1.1.1; 2-8.1.1.1.2; 2-10.4.01; 10-33.02 of Miami-Dade County's Codes.

This Small Business Enterprise - Goods & Services (SBE-G&S) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your anniversary date, December 4, 2020. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" annually with specific supporting documents on or before your Anniversary Date is required to maintain the three-year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. This letter will be the only approval notification issued for the duration of your firm's three years' certification. If the firm attains graduation or becomes ineligible during the three-year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.

Your firm's name and tier level will be listed in the directory for all SBE certified firms, which can be accessed through Miami-Dade County's SBD website: <http://www.miamidade.gov/smallbusiness/certification-lists.asp>. The categories as listed below affords you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

It is strongly recommended that you register your firm as a vendor with Miami-Dade County. To register, you may visit: <http://www.miamidade.gov/procurement/vendor-registration.asp>. Thank you for your interest in doing business with Miami-Dade County. If you have any questions or concerns, you may contact our office at 305-375-3111 or via email at sbdcert@miamidade.gov.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development

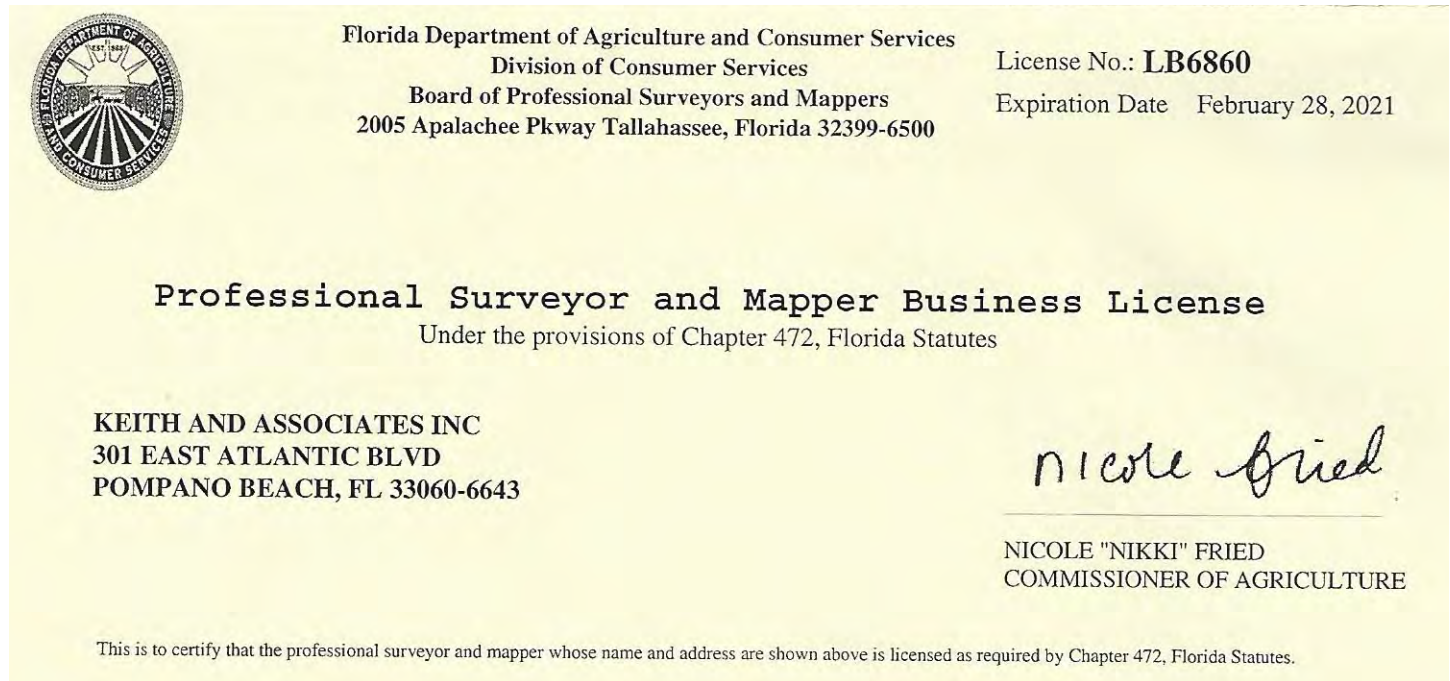
CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

NIGP 90664: PLANNING, URBAN, COMMUNITY, REGIONAL, AREA WIDE, AND STATE

NIGP 90666: PLANNING, SITE, INSTALLATION AND PROJECT

NIGP 96194: ZONING, LAND USE STUDIES

FIRM/PERSONNEL LICENSES + CERTIFICATIONS | KEITH



4.2.3 Firm Qualifications and Experience



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
KEITH AND ASSOCIATES, INC.

Filing Information

Document Number P98000006011
FEI/EIN Number 65-0806421
Date Filed 01/20/1998
Effective Date 01/16/1998
State FL
Status ACTIVE
Last Event AMENDMENT
Event Date Filed 09/25/2019
Event Effective Date NONE

Principal Address

301 E. ATLANTIC BLVD
POMPANO BCH, FL 33060

Changed: 04/26/1999

Mailing Address

301 E. ATLANTIC BLVD
POMPANO BCH, FL 33060

Changed: 04/26/1999

Registered Agent Name & Address

KEITH-LAZOWICK, ADOLPHINE
301 E. ATLANTIC BLVD
POMPANO BCH, FL 33060

Name Changed: 01/08/2007

Address Changed: 04/26/1999

Officer/Director Detail

Name & Address

Title PT

KEITH-LAZOWICK, ADOLPHINE
301 E. ATLANTIC BLVD

4.2.3 Firm Qualifications and Experience



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

License No.: **LS6805**

Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

LEE POWERS
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

nicole fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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



Ron DeSantis, Governor

STATE OF FLORIDA



BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WILLIAMS, STEPHEN DONALD

2365 NE 7TH PLACE
FT. LAUDERDALE FL 333043545

LICENSE NUMBER: PE32090

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com

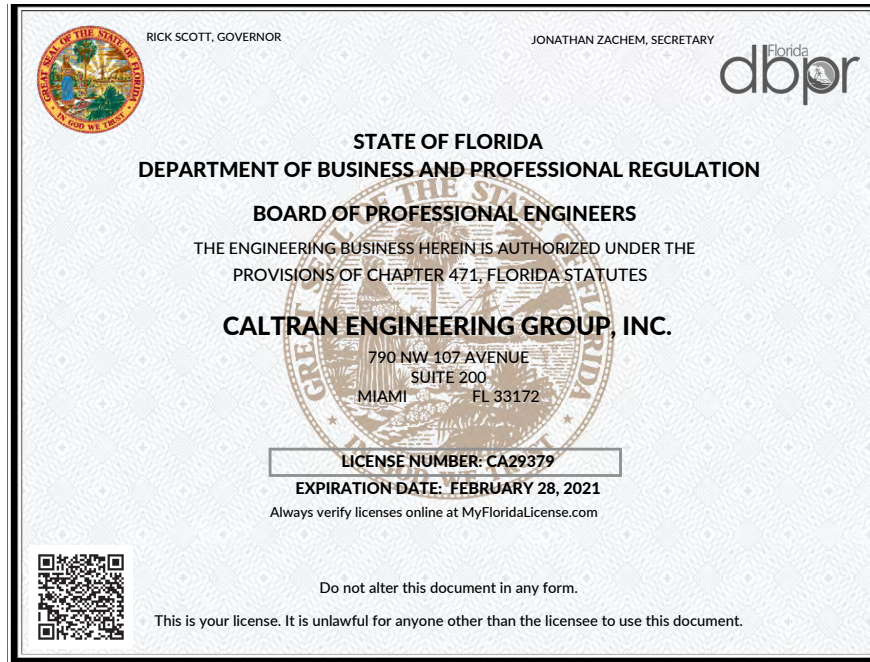


Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES AND CERTIFICATIONS | CALTRAN



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
CALTRAN ENGINEERING GROUP, INC.

Filing Information

Document Number P1100003969
FEI/EIN Number 27-4564005
Date Filed 01/12/2011
Effective Date 01/11/2011
State FL
Status ACTIVE

Principal Address

790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

Changed: 12/28/2016

Mailing Address

790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

Changed: 12/28/2016

Registered Agent Name & Address

CALDERON, CRISTINA M
790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

Address Changed: 01/24/2017

Officer/Director Detail

Name & Address

Title P
CALDERON, CRISTINA M
790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

Title VP

CALDERON, JUAN S
790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

Title VP

PEREZ, CARLOS M
790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

Title VP

Liu, Jeannella
790 NW 107TH AVENUE
SUITE 200
MIAMI, FL 33172

4.2.3 Firm Qualifications and Experience



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

June 20, 2019

Juan Calderon, Principal
CALTRAN ENGINEERING GROUP, INC.
790 NW 107th Avenue, Suite 200
Miami, Florida 33172

Dear Mr. Calderon:

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

Group 3 - Highway Design - Roadway

- 3.1 - Minor Highway Design
- 3.2 - Major Highway Design

Group 6 - Traffic Engineering and Operations Studies

- 6.1 - Traffic Engineering Studies
- 6.2 - Traffic Signal Timing

Group 7 - Traffic Operations Design

- 7.1 - Signing, Pavement Marking and Channelization
- 7.2 - Lighting
- 7.3 - Signalization

Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering
- 13.7 - Transportation Statistics

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
173.70%	162.15%	0.556%	Reimbursed	No	9.18%	11.86%*

www.fdot.gov

4.2.3 Firm Qualifications and Experience

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

www.fdot.gov

Florida UCP DBE Directory Vendor Profile

As Of: 05/23/2018

Vendor Name: CALTRAN ENGINEERING GROUP INC

Certification: DBE/MBE

Former Name:

Business Description: PROFESSIONAL ENGINEER

Mailing Address:

790 NW 107TH AVE STE 200
MIAMI, FL 33172-

Physical Address:

790 NW 107TH AVE STE 200
MIAMI FL 33172-

District: 06

County: DADE

Website:

Contact Name: JUAN S CALDERON

Phone: (786) 456-7700

Fax: (786) 513-0711

Contact Email: JCALDERON@CALTRANGROUP.COM

Current DBE Certification: Certified

Certifying Member: Florida Department of Transportation

ACDBE Status: N

Statewide Availability: Y

Certified NAICS

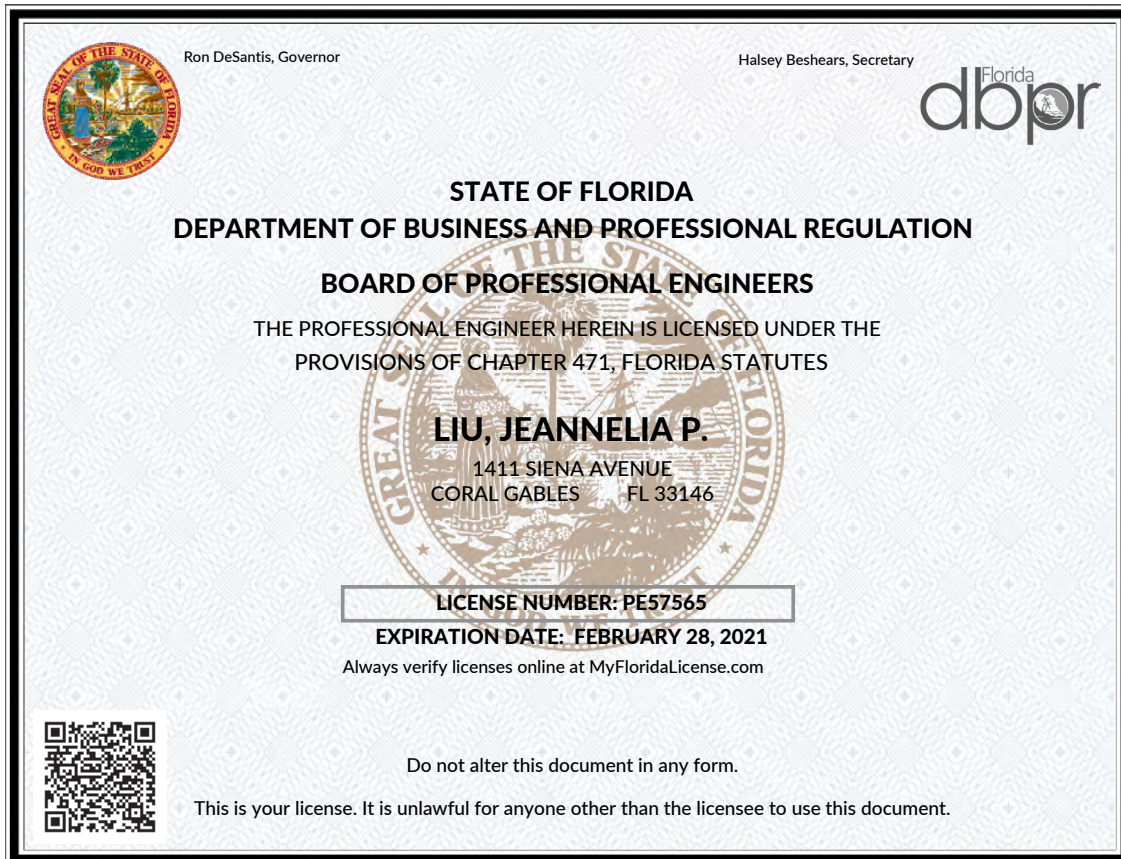
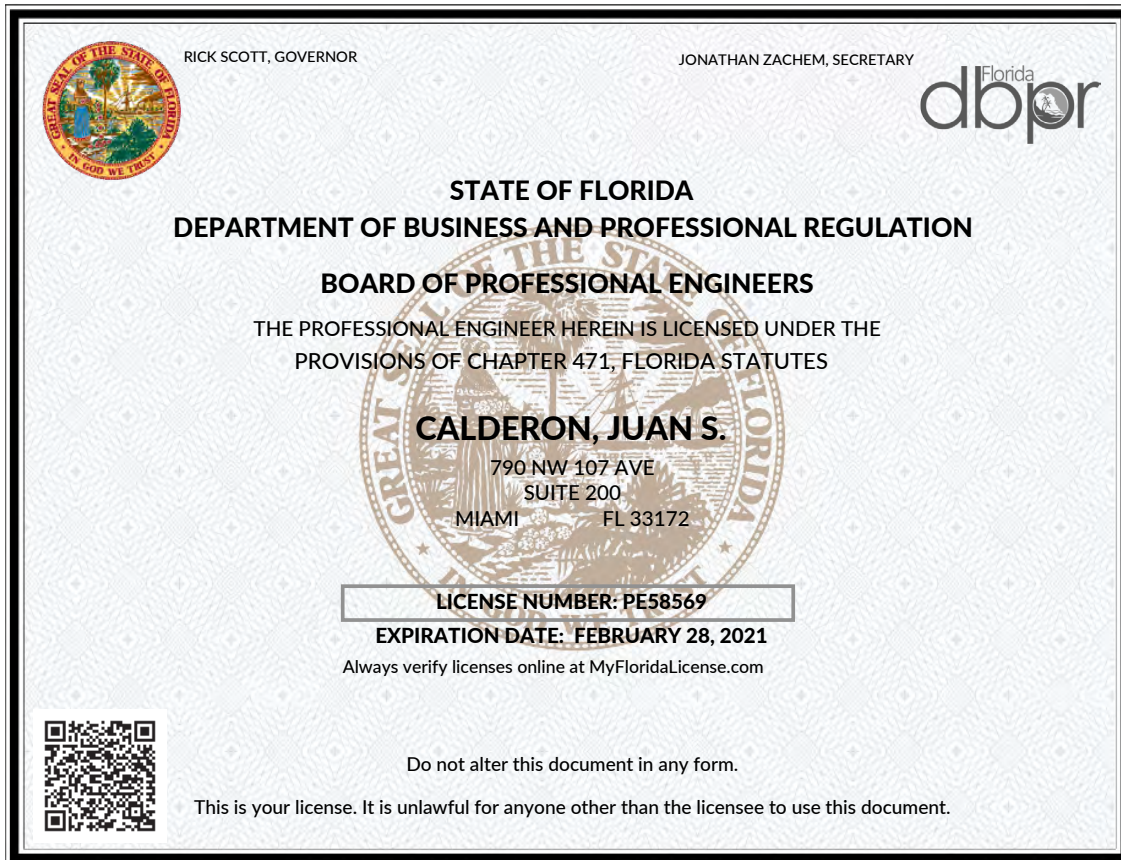
541330 - Engineering Services

541340 - Drafting Services

541690 - Other Scientific and Technical Consulting Services

541990 - All Other Professional, Scientific, and Technical Services

4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES AND CERTIFICATIONS | SAVINO & MILLER



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
SAVINO & MILLER DESIGN STUDIO, P.A.

Filing Information

Document Number	P93000028651
FEI/EIN Number	65-0412661
Date Filed	04/16/1993
State	FL
Status	ACTIVE

Principal Address

12345 NE 6TH AVE
A
NORTH MIAMI, FL 33161

Changed: 01/10/2006

Mailing Address

12345 NE 6TH AVE
A
NORTH MIAMI, FL 33161

Changed: 01/10/2006

Registered Agent Name & Address

SAVINO-MILLER, ADRIANA GPRESIDE
12345 NE 6TH AVE
A
NORTH MIAMI, FL 33161

Name Changed: 01/10/2006

Address Changed: 01/10/2006

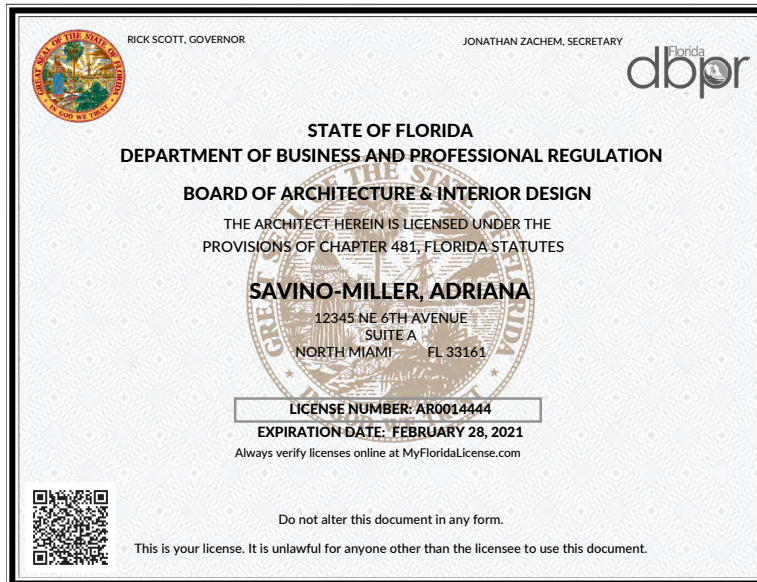
Officer/Director Detail

Name & Address

Title DPT

SAVINO-MILLER, ADRIANA GPRES
2800 FAIRGREEN DRIVE
MIAMI BEACH, FL 33140

4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES AND CERTIFICATIONS | AREHNA



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
AREHNA ENGINEERING INC.

Filing Information

Document Number P08000110763
FEI/EIN Number 26-3947444
Date Filed 12/24/2008
Effective Date 01/01/2009
State FL
Status ACTIVE

Principal Address

5012 W. LEMON STREET
TAMPA, FL 33609

Changed: 06/25/2018

Mailing Address

5012 W. LEMON STREET
TAMPA, FL 33609

Changed: 06/25/2018

Registered Agent Name & Address

MCRORY, JESSICA A
3413 HEARDS FERRY DR.
TAMPA, FL 33618

Address Changed: 07/30/2009

Officer/Director Detail

Name & Address

Title PRES

MCRORY, JESSICA A
3413 HEARDS FERRY DR
TAMPA, FL 33618

4.2.3 Firm Qualifications and Experience

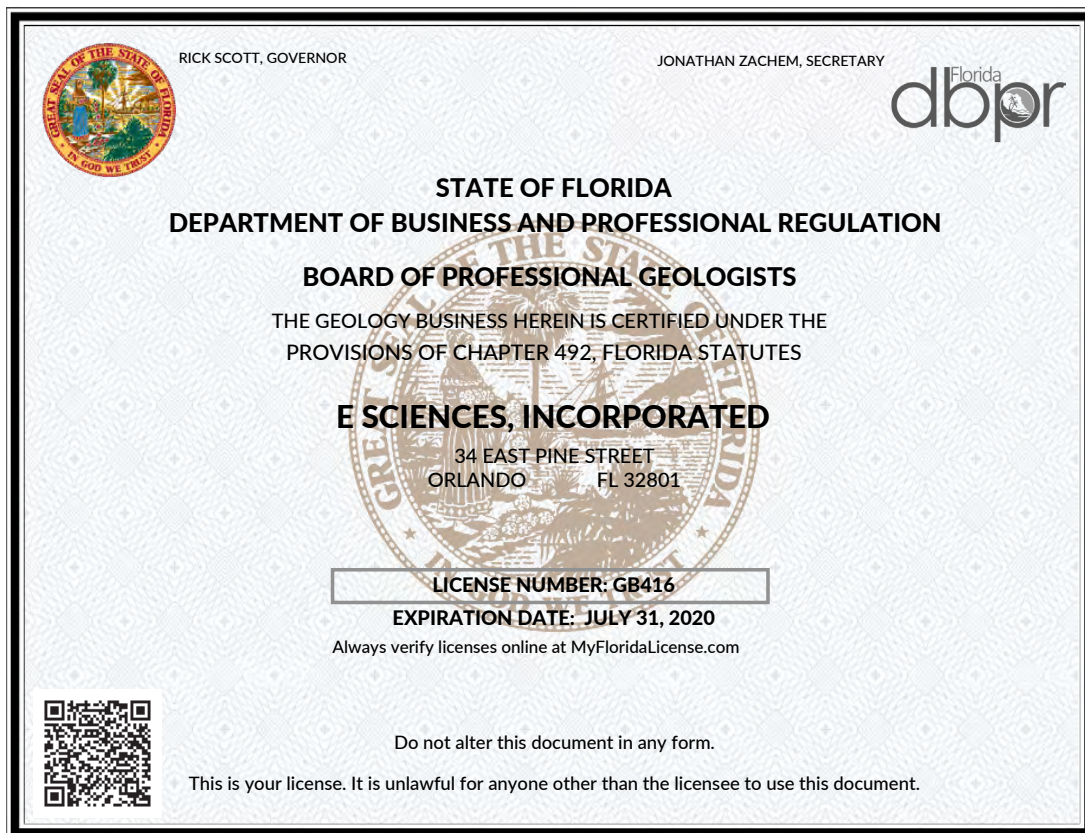
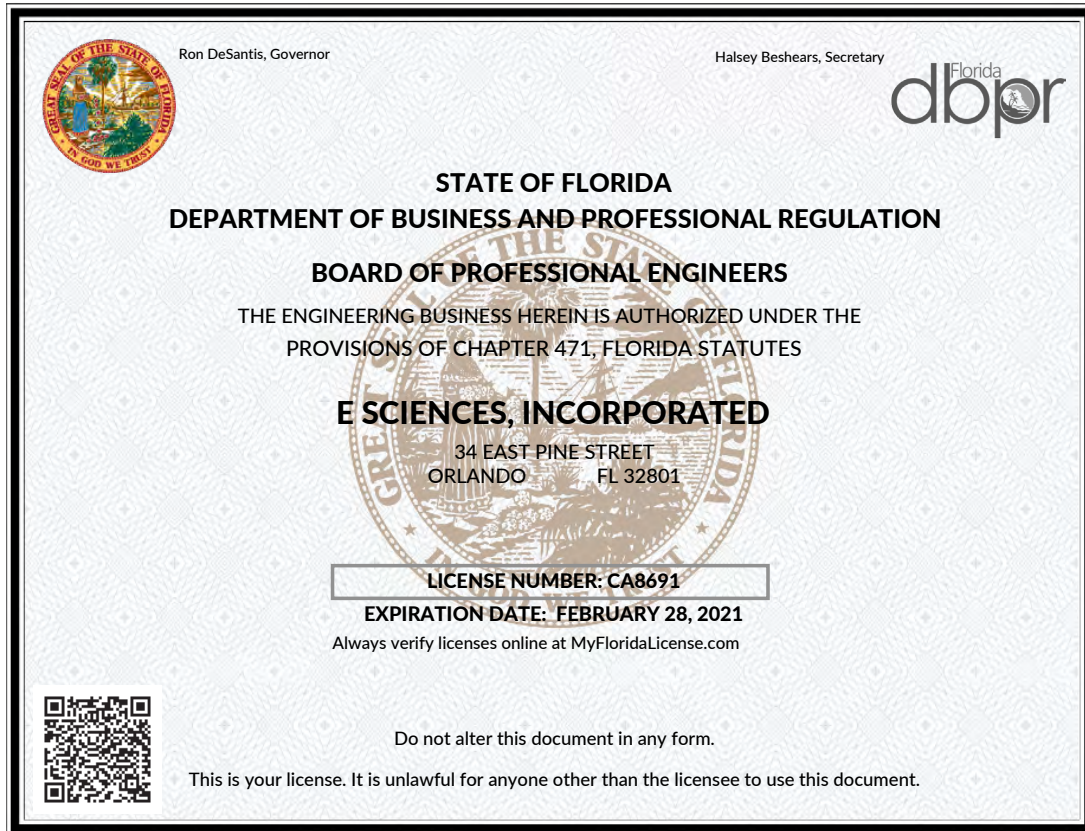


4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES AND CERTIFICATIONS | E SCIENCES



4.2.3 Firm Qualifications and Experience

State of Florida Department of State

I certify from the records of this office that E SCIENCES, INCORPORATED is a corporation organized under the laws of the State of Florida, filed on August 29, 2000.

The document number of this corporation is P00000081584.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 6, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.



*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Sixth day of January, 2020*




Ramona
Secretary of State

Tracking Number: 1346725781CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

	GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT Nadia Locke HAS ATTAINED THE DESIGNATION OF LEED AP® Neighborhood Development by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.
10674023-AP-ND CREDENTIAL ID 11 JUN 2014 ISSUED 10 JUN 2020 VALID THROUGH	 MAHESH RAMAKRISHNAN PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.

	RICK SCOTT, GOVERNOR	JONATHAN ZACHEM, SECRETARY
		
STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF PROFESSIONAL ENGINEERS THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES LOCKE, NADIA GUERTIN 1775 WEST LAS OLAS BLVD. FT LAUDERDALE FL 333120000 LICENSE NUMBER: PE58676 EXPIRATION DATE: FEBRUARY 28, 2021 Always verify licenses online at MyFloridaLicense.com		
	Do not alter this document in any form. This is your license. It is unlawful for anyone other than the licensee to use this document.	

FIRM/PERSONNEL LICENSES AND CERTIFICATIONS | DELTA G



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
DELTA G - CONSULTING ENGINEERS, INC.

Filing Information

Document Number	V69412
FEI/EIN Number	65-0361739
Date Filed	10/05/1992
State	FL
Status	ACTIVE

Principal Address

707 NE 3RD AVE
SUITE 200
FT LAUDERDAL E, FL 33304

Changed: 01/08/2007

Mailing Address

707 NE 3RD AVE
SUITE 200
FT LAUDERDAL E, FL 33304

Changed: 01/08/2007

Registered Agent Name & Address

SAN JUAN, GEORGE
707 NE 3RD AVE
SUITE 200
FT LAUDERDAL E, FL 33304

Name Changed: 03/16/1995

Address Changed: 03/09/2017

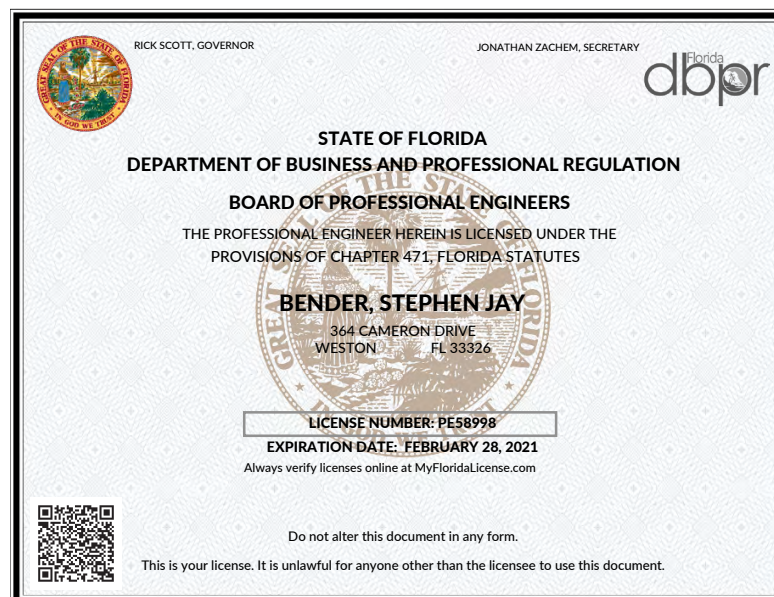
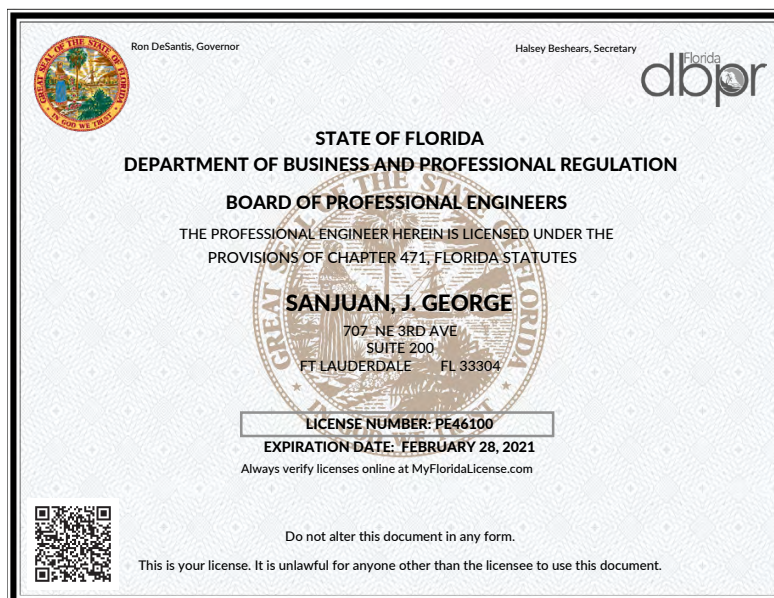
Officer/Director Detail

Name & Address

Title MR

SANJUAN, GEORGE
707 NE 3rd Ave
Suite 200
Fort Lauderdale, FL 33304

4.2.3 Firm Qualifications and Experience



4.2.3 Firm Qualifications and Experience

FIRM/PERSONNEL LICENSES AND CERTIFICATIONS | ADEPT



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Limited Liability Company
ADEPT PUBLIC RELATIONS, LLC

Filing Information

Document Number L13000102442
FEI/EIN Number 46-3387296
Date Filed 07/19/2013
Effective Date 07/19/2013
State FL
Status ACTIVE

Principal Address

5300 Powerline Road
Suite 207
FORT LAUDERDALE, FL 33309

Changed: 03/02/2016

Mailing Address

5300 Powerline Road
Suite 207
FORT LAUDERDALE, FL 33309

Changed: 03/02/2016

Registered Agent Name & Address

RUFFOLO, JULIE D
5300 Powerline Road
Suite 207
FORT LAUDERDALE, FL 33309

Address Changed: 03/02/2016

Authorized Person(s) Detail

Name & Address

Title MGRM

Ruffolo, Julie D
5300 Powerline Road
Suite 207
Fort Lauderdale, FL 33309

Title MGRM

POLLITT, DANA L
5300 Powerline Road
Suite 207
FORT LAUDERDALE, FL 33309



4.2.3 Firm Qualifications and Experience



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex

115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

January 2, 2018

Ms. Julie Ruffolo
ADEPT PUBLIC RELATIONS, LLC
5300 Powerline Road, Suite 207
Fort Lauderdale, Florida 33309

ANNIVERSARY DATE – Annually, on January 27th

Dear Ms. Ruffolo:

Broward County is pleased to announce that **Adept Public Relations, LLC** has renewed its certification as an **Airport Concessions Disadvantaged Business Enterprise (ACDBE)** and **Disadvantaged Business Enterprise [DBE]** in Florida, under a **Unified Certification Program [UCP]** in accordance with 49 CFR, PARTS 23 and 26.

ACDBE/DBE certification continues from your anniversary date, but is contingent upon Adept Public Relations, LLC renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, assuring continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to remove Adept Public Relations, LLC as an ACDBE/DBE.

As long as Adept Public Relations, LLC is listed in the DBE Directory, it is considered ACDBE/DBE Certified by all Florida UCP Members.

ACDBE/DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of Adept Public Relations, LLC.

Adept Public Relations, LLC will be listed in Florida's **UCP DBE Directory** which can be accessed via the internet, at <https://www3.dot.state.fl.us/EqualOpportunityOffice/BizNet>.

ACDBE/DBE certification is **NOT** a guarantee of work, but enables Adept Public Relations, LLC to compete for, and perform, contract work on all USDOT Federal Aid FAA, FTA and FHWA) projects in Florida as an ACDBE/DBE contractor, sub-contractor, consultant, and sub-consultant or material supplier.

Broward County Board of County Commissioners
Mark D. Bogen • Beam Furr • Steve Geller • Dale V.C. Holness • Chip LaMarca • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org

4.2.3 Firm Qualifications and Experience

Re: Adept Public Relations, LLC

January 2, 2018

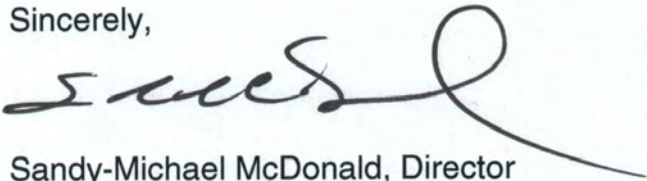
If, at any time, there is a material change in Adept Public Relations, LLC, including, but not limited to, ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of Adept Public Relations, LLC, you must notify OESBD, in writing, without delay. Notification should include supporting documentation. You will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

Adept Public Relations, LLC may compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, receiving DBE credit for work performed in the following areas:

NAICS CODE: 541613 Marketing Consulting Services
NAICS CODE: 541618 Other Marketing Consulting Services
NAICS CODE: 541810 Advertising Agency
NAICS CODE: 541820 Public Relations Consulting Services
NAICS CODE: 561410 Document Preparation Services
NAICS CODE: 541910 Marketing Research and Public Opinion Polling

Please feel free to contact OESBD for any questions or concerns pertaining to your ACDBE/DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-5674.

Sincerely,



Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

4.2.3 Firm Qualifications and Experience

Florida UCP DBE Directory

Number of Records Returned: 1

Selection Criteria:

Vendor : ADEPT PUBLIC RELATIONS LLC

Vendor Name: [ADEPT PUBLIC RELATIONS LLC](#)

DBE Certification: CERTIFIED

MBE Certification:

DBA:

Former Name:

Business Description: PUBLIC RELATIONS, MARKETING AND ADVERTISING CONSULTING SERVICES

Mailing AddressJ: 5300 POWERLINE ROAD
SUITE 207
FORT LAUDERDALE, FL 33309-

Contact Name: JULIE RUFFOLO

Phone: (954) 769-1533

Fax: (877) 357-8862

Email: JULIE@ADEPT.CO

ACDBE Status: Y

Statewide Availability: Y

Certified NAICS

541613	Marketing Consulting Services
541618	Other Management Consulting Services
541810	Advertising Agencies
541820	Public Relations Agencies
541910	Marketing Research and Public Opinion Polling
561410	Document Preparation Services

The screenshot displays the Broward County Public Schools website's DBE Directory. The navigation bar includes links for ABOUT US, ACADEMICS, DIRECTORY, SCHOOL BOARD, COMMUNITY, CAREERS, and CONTACT US. A search bar is located in the top right corner. The main content area features a sidebar with links to Forms and Links, BCPS Reference Page, Warehousing Services, and Staff Directory. The central section displays a search result for Adept Public Relations, LLC, with details on its trade category, business specialty, ethnicity, certification type, expiration date, phone, and email. A 'Return to Search' button is provided. To the right, a 'Supplier Diversity Outreach' sidebar lists various resources. A 'Directory Disclaimer' box is also present, stating that the information is for informational purposes only and does not constitute a recommendation or guarantee. The footer includes the Broward County Public Schools logo, established in 1916, and social media links for Facebook and Twitter. A 'SITE MAP' button is also visible.

ABOUT US ACADEMICS DIRECTORY SCHOOL BOARD COMMUNITY CAREERS CONTACT US SEARCH

Forms and Links

BCPS Reference Page

+ Warehousing Services

Staff Directory

To reset your search click the 'Return to Search' button

[Return to Search](#)

SUPPLIER NAME: Adept Public Relations, LLC
TRADE CATEGORY: Other Contractual Services
BUSINESS SPECIALTY: Marketing Consulting Services, Advertising and Public Relation ServicesPublic Opinion Polling
ETHNICITY: Hispanic-American
CERTIFICATION TYPE: SMWBE
EXPIRATION DATE: 10/10/2020
PHONE: 954-769-1533
EMAIL: julie@adept.co

Supplier Diversity Outreach

S/M/WBE (Certification)

Forms & Policies

[Certified Supplier Directory](#)

Small Business Advisory Committee

SDOP Upcoming Events

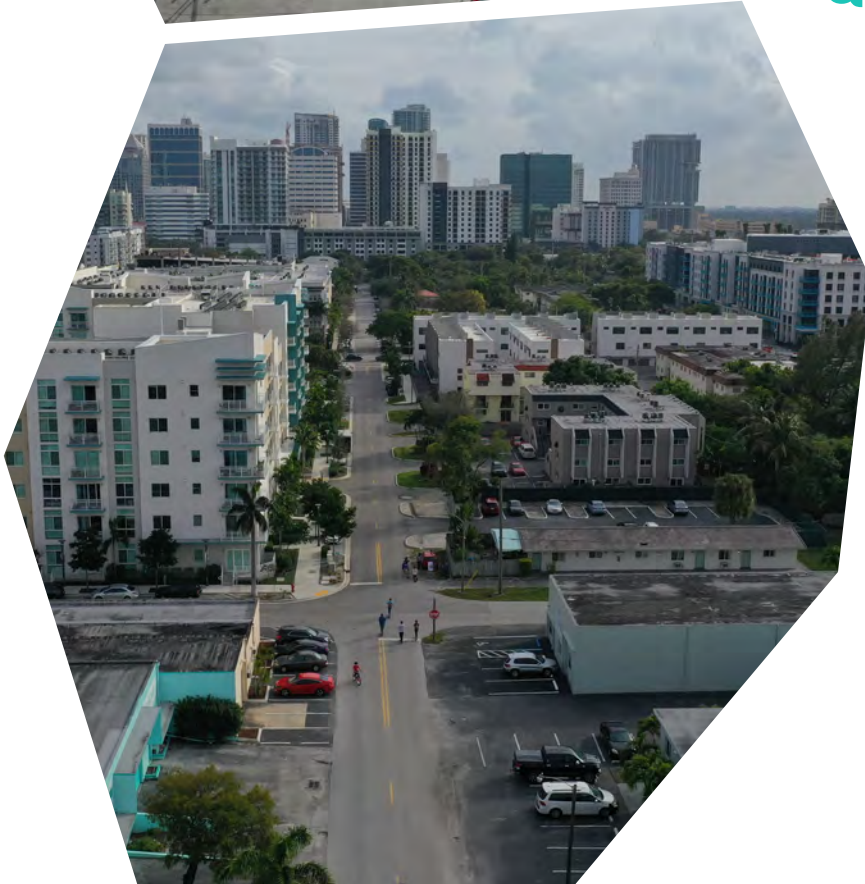
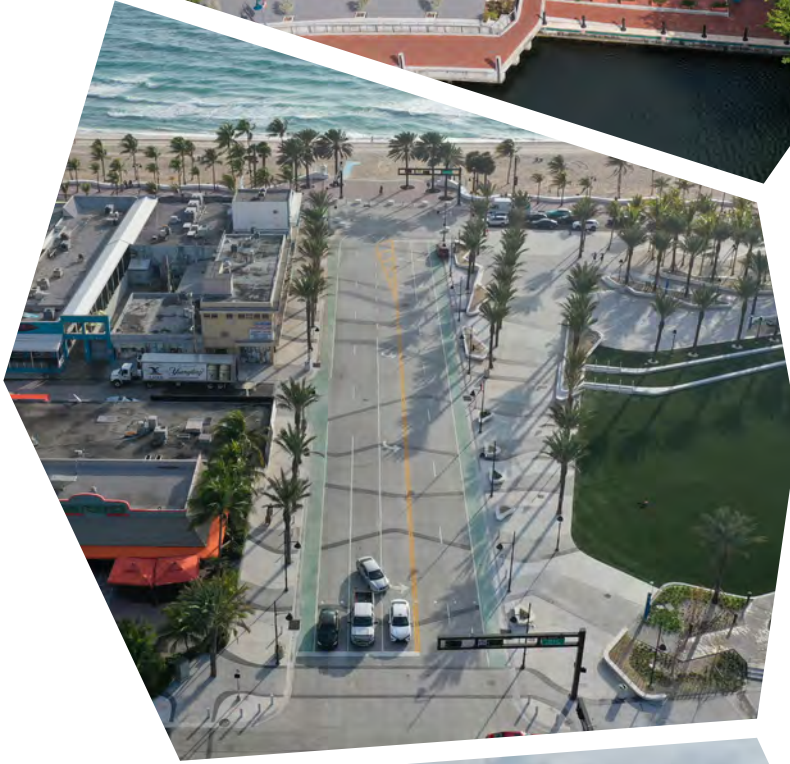
Directory Disclaimer:

The presence of information about E/S/M/WBE suppliers in this directory is provided as a resource and represents only that these business enterprises are currently certified by the SBBC. This list is to be used by District offices and schools for procurement purposes. In addition, it is to be used by prospective bidders/proposers when responding to SBBC solicitations containing E/S/M/WBE Programmatic Affirmative Procurement Initiatives (APIs). The search results may not be complete for each type of business, as updates to the database are made daily. In addition, this directory is simply a list of E/S/M/WBE professionals or businesses, and no recommendations or guarantees are made regarding their capabilities and qualifications. The District does not accept any liability for any loss or damage caused by any of the companies listed

BROWARD Established 1916
County Public Schools

f t

[SITE MAP](#) »



4.2.4 Qualifications of the Project Team

4.2.4

4.2.4 Qualifications of the Project Team

ARCHITECT - ENGINEER						
PART I – CONTRACT-SPECIFIC QUALIFICATIONS						
A. CONTRACT INFORMATION						
1. TITLE AND LOCATION (City and State) Traffic and Transportation Engineering and Planning Services						
2. PUBLIC NOTICE January 17, 2020			3. SOLICITATION OR PROJECT NO. RFQ # 12370-206			
B. ARCHITECT-ENGINEER POINT OF CONTACT						
4. NAME AND TITLE Eric Czerniejewski, PE, ENV SP						
5. NAME OF FIRM The Corradino Group, Inc.						
6. TELEPHONE NUMBER 954.777.0044		7. FAX NUMBER 954.777.5157		8. EMAIL ADDRESS Eczerniejewski@corradino.com		
C. PROPOSED TEAM						
(Complete this section for the prime contractor and all key sub-consultants.)						
	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	Prime	J-V Partner	Subconsultant			
a.	X			The Corradino Group, Inc.	5200 NW 33rd Avenue, Suite 203 Fort Lauderdale, FL 33309	Traffic Engineering, Transportation Planning, Civil Engineering, Infrastructure Design, Multimodal, Transit Planning, Public Involvement and Outreach activities, Transportation Modeling, Parking Analysis and studies, Land Use and Urban, Regional Planning, Resiliency Planning and Design, and CEI Services
b.			X	Gannett Fleming, Inc.	1777 S. Andrews Avenue, Suite 203 Fort Lauderdale, FL 33316	Traffic Engineering, Transportation Planning, Civil Engineering, Infrastructure Design, Multimodal, Transit Planning, Structural Engineering and CEI Services
c.			X	Fehr & Peers, Corporation	37 North Orange Avenue, Suite 500 Orlando, FL 32801	Transportation Planning, Multimodal/Transit Planning, Resiliency Planning & Design, Electrical/Mechanical Engineering
d.			X	Plusurbia, LLC	1385 Coral Way PH 401 Miami, FL 33145	Land Use/Urban & Regional Planning
e.			X	Cambridge Systematics, Inc.	2101 W Commercial Blvd #3200 Fort Lauderdale, FL 33309	Transportation Planning, Multimodal/Transit Planning, Transportation Modeling, Resiliency Planning & Design, Economic/Financial Analysis/Market Assessment
f.			X	Keith and Associates, Inc.	2330 NW 82nd Ave Doral, FL 33122	Traffic Engineering, Civil Engineering/Infrastructure Design, Surveying/SUE
g.			X	Caltran Engineering Group, Inc.	790 NW 107th Ave #200, Miami, FL 33172	Traffic Engineering, Transportation Planning, Multimodal/Transit Planning

4.2.4 Qualifications of the Project Team

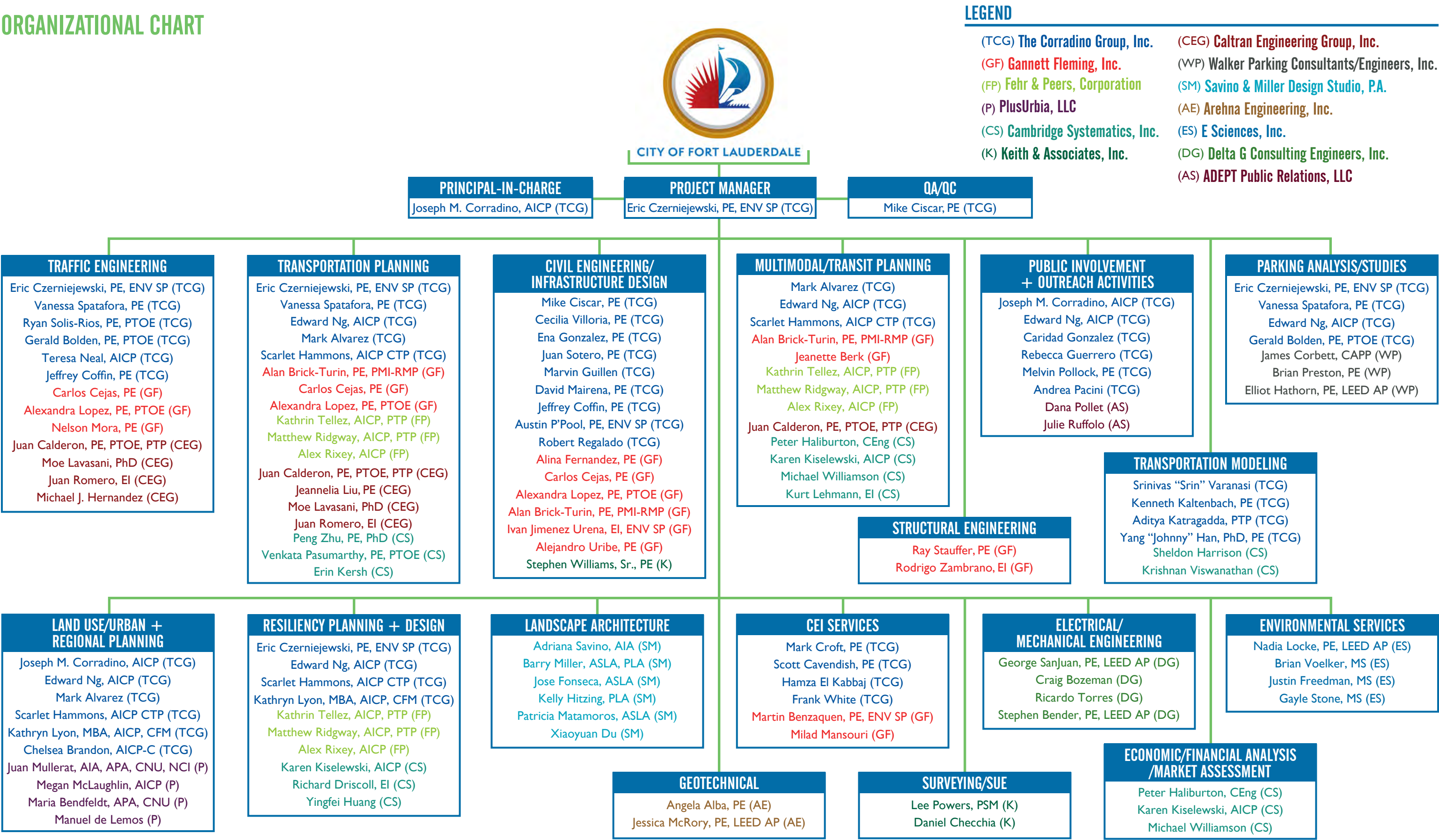
h.			X	Walker Parking Consultants/Engineers, Inc.	4904 Eisenhower Blvd S, Tampa, FL 33634	Parking Analysis/Studies
i.			X	Savino & Miller Design Studio, P.A.	12345 NE 6th Ave # A North Miami, FL 33161	Landscape Architecture
j.			X	Arehna Engineering, Inc.	5012 W Lemon St, Tampa, FL 33609	Geotechnical
k.			X	E Sciences, Inc.	224 SE 9th St, Fort Lauderdale, FL 33316	Environmental Services
l.			X	Delta G Consulting Engineers, Inc.	707 NE 3rd Ave Suite 200 Fort Lauderdale, FL 33304	Electrical/Mechanical Engineering
m.			X	ADEPT Strategy & Public Relations, LLC	5300 Powerline Rd Suite 207 Fort Lauderdale, FL 33309	Public Involvement and Outreach Activities

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

4.2.4 Qualifications of the Project Team

ORGANIZATIONAL CHART



This page is intentionally left blank.

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE			
		a. TOTAL	b. WITH CURRENT FIRM		
Joseph M. Corradino, AICP	Principal-in-Charge	27	22		
15. FIRM NAME AND LOCATION (City and State)					
The Corradino Group, Inc. – Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
M.A. (Community Planning) University of Cincinnati, 1992 B.A. Villanova University (Geography), 1990		American Institute of Certified Planner (AICP), Florida No. 012032			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
American Planning Association (APA) Award for Outstanding Mobility Project: Palmetto Bay Transportation Master Plan APA Award for Excellence: Miami Beach Municipal Mobility Study Clearwater "One City, One Future" Strategic Plan APA Award for Outstanding Achievement: Alton Road Traffic Calming Transportation Concurrency Management Areas Florida Redevelopment Association Award: Hialeah Transportation Concurrency Management Areas					
19. RELEVANT PROJECTS					
	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)		
a.	Homestead General Planning Services City of Homestead, FL	Ongoing	N/A		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE				
	Principal-in-Charge. The Corradino Group, Inc. (Corradino) was tasked with completing Comprehensive Plan Future Land Use Plan Map amendments, the rezoning of City-owned properties in Downtown Homestead and amending the zoning code to allow for public and retail/entertainment facilities. Corradino has worked for the City of Homestead since the mid 1990's, having completed several planning and engineering studies in and around the City, including a city-wide gateway signage project, the Transportation Element to the Comprehensive Plan and the design of the Campbell Drive/Florida's Turnpike interchange.				
b.	Miami-Dade County TPO SMART Plan/North Corridor Miami-Dade County, FL	2019	N/A		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE				
	Project Manager. On April 21, 2016, the Miami-Dade TPO Governing Board passed the Strategic Miami Area Rapid Transit (SMART) Plan recognizing the community's long-standing desire to advance a program of rapid transit and supporting projects to address the mobility needs throughout Miami-Dade County. The six SMART Corridors are: North Corridor (NW 27th Avenue); South Dade Transit Way; Tri-Rail Coastal Link (Northeast/FEC Corridor); East-West Corridor (SR-836); Kendall Corridor; and, Beach Corridor.				
c.	Key Biscayne - Building, Zoning and Planning Department Village of Key Biscayne, FL	Ongoing	N/A		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE				
	Project Manager. Corradino provides professional planning services on an ongoing basis to the Village of Key Biscayne. Mr. Corradino oversees the Building, Zoning and Planning Department on a consulting basis. He was in charge of administering the Village's Comprehensive Plan and Land Development Code. Mr. Corradino leads the review and processing of all applications for development each year.				
d.	Cutler Bay - Transportation Master Plan and Transportation, Planning & Civil Engineering Services, Town of Cutler Bay, FL	2007-Ongoing	N/A		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE				
	Principal-in-Charge. Corradino serves as the Town's General Consultant assisting with transportation, planning and civil engineering projects. As part of this GES contract Corradino produced the Transportation Master Plan, completed traffic calming analyses, wrote the Town's Land Development Regulations.				
e.	Transportation Master Plan, General Planning and Engineering Services City of Doral, FL	2009-2017	N/A		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE				
	Principal-in-Charge. Corradino has developed the City's first transportation master plan, reviewed developments moving through the public hearing process, reviewed applicants traffic impact analysis, planned, implemented and managed one of the most successful municipal circulator systems, and provided in-house staff assistance in day-to-day planning and engineering functions.				

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Florida Department of Transportation (FDOT), District 4, Districtwide General Planning Consultant, Systems Planning Support City of Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2010	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager Corradino was selected as part of a team to assist FDOT District 4 in providing professional transportation planning services to supplement the FDOT District 4 Systems Planning staff as well as to serve as an extension to the FDOT District 4 Planning and Environmental Management Office. The primary tasks included: Site Impact and Growth Management Reviews; Project Traffic/Travel Demand Forecasting Review; Interchange Proposal Review.			
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Las Olas Boulevard Streetscape Corridor Analysis City of Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal-in-Charge. The City of Fort Lauderdale commissioned this Streetscape Corridor Analysis along Las Olas Boulevard to further identify opportunities and challenges to provide key components of a vision that will ground the future development of the area. The City of Fort Lauderdale is committed to promoting safe, accessible, multi-modal travel evidenced by its implementation of Complete Streets and Vision Zero policy. As the major thoroughfare connecting Downtown Fort Lauderdale and Central Beach, Las Olas Boulevard must balance moving people efficiently through a balance of transportation needs, inclusive of pedestrian, bicycling, vehicular, and transit modes, with space programmed to safely accommodate other alternative modes of transportation such as scooters.			
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Palmetto Bay Professional Services – Traffic Engineering, Urban Planning and General A/E Services Village of Palmetto Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2006	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal-in-Charge. Palmetto Bay is a city along the South Corridor. Its citizens are highly sensitive to growth, particularly to the south, because that traffic currently drives through their community deteriorating the quality of life. They have re-land used and rezoned their downtown to provide for transit-oriented densities. Corradino provides the City with the following services: General Urban Planning to include, but not limited to comprehensive planning, land development regulation, charrettes; neighborhood plans, and code enforcement regulations. General Traffic Engineering Services, to include, but not limited to traffic counts and reports.			
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade County TPO, General Planning Consultant (GPC) Miami-Dade, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2006	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Principal-in-Charge. In these contracts The Corradino Group provides a variety of transportation and planning services including: Data Collection; Analysis and Evaluation of Alternatives; Level of Service Determination; Travel Demand Forecasting; Preparation of Maps; Reports; and Presentations; and Public Involvement.			
j.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Development Services Department City of Homestead, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. Corradino provides professional planning services on an ongoing basis to the City of Homestead. Mr. Corradino oversees the Building Department and Planning/Zoning Department on a consulting basis. He was in charge of administering the City's Comprehensive Plan and Land Development Code. Homestead has been one of the fastest growing cities in America, and Mr. Corradino leads the processing of all their applications for development each year. Homestead is the southern terminus of the US-1 Bus lanes, and critical terminal node in the SMART Plan system.			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Eric Czerniejewski, PE, ENV SP	Project Manager	a. TOTAL	b. WITH CURRENT FIRM
		22	<1
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering) Southern Illinois University Edwardsville, 1997		Professional Engineer, Florida No. 58002	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Mr. Czerniejewski has 22 years of experience in transportation engineering design, traffic engineering and transportation planning. Mr. Czerniejewski has experience in transportation projects that include preparation of traffic studies including corridor studies, traffic impact studies, mobility studies and parking utilization and reduction studies. He is also specialized in signalization design, roadway design, managing, designing and permitting select transportation infrastructure engineering projects; planning and developing civil engineering design documents; and coordinating construction engineering and inspection.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Fort Lauderdale General Traffic and Transportation Engineering and Transportation Planning Services	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Consultant assisted the City of Fort Lauderdale and the Downtown Fort Lauderdale Transportation Management Association (DFTLMA) with long range system planning for the future upgrades to the Community Bus System. The City of Fort Lauderdale was a sub-recipient of a two-year Federal Transportation Administration's (FTA) New Freedom Grant through the South Florida Regional Transportation Authority (SFRTA).			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Fort Lauderdale Transit Master Plan	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Consultant assisted the City of Fort Lauderdale and the Downtown Fort Lauderdale Transportation Management Association (DFTLMA) with long range system planning for the future upgrades to the Community Bus System. The City of Fort Lauderdale was a sub-recipient of a two-year Federal Transportation Administration's (FTA) New Freedom Grant through the South Florida Regional Transportation Authority (SFRTA). The Consultant conducted an analysis of the City's community bus system which included a review of the current service and development of a comprehensive strategy to create a sustainable, efficient, and customer-centric transit service.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Fort Lauderdale Transportation and Mobility Transportation Manager	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Transportation Manager for the City of Fort Lauderdale Transportation and Mobility Department managing the traffic engineering, transportation planning and traffic design program. Developed the Uptown Link and Route Extensions for the Downtown Fort Lauderdale Transportation Management Associations' Citywide Sun Trolley community bus service, developed and submitted relevant grant applications for transportation and transit projects including TIGER, Transportation Enhancement, EPA Green Streets and FTA New Freedom, developed the key citywide long-range transportation plan including the 2015-2035 comprehensive strategic multimodal program.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Fort Lauderdale Las Olas Streetscape Corridor Study	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
The City of Fort Lauderdale commissioned this Streetscape Corridor Analysis along Las Olas Boulevard to further identify opportunities and challenges to provide key components of a vision that will ground the future development of the area. The City of Fort Lauderdale is committed to promoting safe, accessible, multi-modal travel evidenced by its implementation of Complete Streets and Vision Zero policy. As the major thoroughfare connecting Downtown Fort Lauderdale and Central Beach, Las Olas Boulevard must balance moving people efficiently through a balance of transportation needs, inclusive of pedestrian, bicycling, vehicular, and transit modes, with space programmed to safely accommodate other alternative modes of transportation such as scooters. The Conceptual Design must ensure a consensus vision that enhances the branding for the Boulevard and the City's branding as both an international destination and the place for live, work, and play in South Florida. The Conceptual Design must create a coordinated, iconic, context-sensitive design for the five distinct character areas.			

4.2.4 Qualifications of the Project Team

e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Andrews Avenue Complete Streets Improvements	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
	Lead Traffic Engineer who prepared the traffic study which evaluated the need for mid-block crosswalks along a stretch of Andrews Avenue between Oakland Park Boulevard and Prospect Road. Consultant completed a safety analysis including review of crash history along the corridor using Signal Four Analytics. Consultant evaluated the proposed midblock crosswalk locations based on criteria of the Traffic Engineering Manual and Manual on Uniform Traffic Control Devices per Broward County Traffic Engineering Division.		
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Indiantown Road Corridor Study	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
	Traffic Engineer for roadway and pedestrian improvements to Indiantown Road from the east right of way (R/W) of US-1 to the west R/W of SR A1A. The task work order included traffic engineering services for a corridor analysis, speed study, and pedestrian study; Civil Engineering services for roadway, drainage, signing and pavement marking design and permitting; Landscape Architecture services; Geotechnical and Subsurface Utility Engineering services in order to prepare construction documents for Indiantown Road within the limits noted above in accordance with FDOT LAP criteria.		
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami Dade SMART Plan General Planning Consultant	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
	Project Manager for the Strategic Miami Area Rapid Transit (SMART) Plan for Miami-Dade County. Of the six rapid transit corridors identified by the County, CGA is responsible for the South Dade Transitway Corridor Study; which extends approximately 20 miles from the Dadeland South Metrorail Station south to Florida City. CGA is providing professional traffic engineering, transportation planning and transit planning and design services to supplement the Miami Dade TPO's efforts in conducting the transportation planning process for the SMART Plan.		
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Broward County Mast Arm Conversions	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
	Program Manager and Quality Control Officer for the Design Build professional services associated with the conversion of span-wire supported traffic signal at 35 intersections all over Broward County. This project is currently under the design stages. CGA along with Horsepower Electric is providing engineering and design services, plans preparation, field survey, utility coordination, permitting, public involvement, coordination with adjoining projects, minor roadway reconstruction and paving, signing and pavement marking, ADA compliant sidewalk reconstruction, traffic signal construction, installation of underground conduit and interconnect cable, installation of monitoring devices		
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Weston Traffic Engineering Services City of Weston, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
	Traffic Engineer Lead. Mr. Czerniejewski served as City Traffic Engineer for this Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including engineering permit reviews, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies. Served as City Traffic Engineer for traffic and plan reviews as part of the Development Review Committee. Submitted CSLIP grant applications to Broward MPO for 2015, 2015, 2017 and 2018 grant cycles which yielded grant awards for bicycle and pedestrian infrastructure projects for the City of Weston.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Mike Ciscar, PE	QA/QC	a. TOTAL	b. WITH CURRENT FIRM
		35	18
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), University of Florida, 1985		Professional Engineer, Florida No. 0043244	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
FDOT Sustained Superior Accomplishment Award, FDOT Jay W. Brown Award, Manager of the Year, FDOT Ben G. Watts Award, Leader of the Year, TEAMFL Chairman's Award for 95 Express Phase 1 and 2			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 826/Palmetto Expressway PD&E Study, FDOT District 6 Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager for PD&E Study is to evaluate alternatives for the widening of the Palmetto Expressway, SR 826, a limited access facility, from US 1/SR 5 to SR 836/Dolphin Expressway, approximately MP 0.0 to MP 7.076 for the inclusion of express lanes along the corridor. This project is intended to complement and support the SR 826/SR 836 Interchange Improvements (Section Five), SR 826 Express Lanes Project, SR 874/Sunset Drive Interchange PD&E Study, South Corridor Smart Plan and Bus Rapid Transit presently underway or planned in the future by providing the north/south and east/west mobility needs for this area of Miami-Dade County.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	PD&E Services for Widening Sawgrass, Florida's Turnpike Enterprise Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager for PD&E Study is to evaluate alternatives for the widening of the Sawgrass Expressway, SR 869, from south of US 441 (SR 7) to Powerline Road and along the Florida's Turnpike (SR 91) approximately one (1)-mile north and south of the Sawgrass Expressway Interchange. Close coordination shall be performed with the DEPARTMENT'S PD&E study for the widening of the Sawgrass Expressway, SR 869, from south of Sunrise Boulevard to south of US 441 (SR 7), FPID 435763-1-22-01 for consistency and continuity of the Sawgrass Expressway corridor. The Sawgrass Expressway is currently a six (6) lane (three (3) lanes in each direction) limited access facility.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 924/Gratigny Parkway PD&E Study, MDX Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager for a major highway extension between SR 826 and the Florida's Turnpike, including new connection system points, the development of new structures, existing ramp improvements, interchange analysis, environmental studies, extensive public outreach, and ITS technologies implementation			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 826/Palmetto Expressway East-West Managed Lanes PD&E Study FDOT District 6, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Principle-in-Charge for the CE-II study to add managed lanes and modify interchanges along the SR 826/Palmetto Expressway corridor from I-75 to Golden Glades Interchange, with the objective of improving mobility, relieving congestion and providing additional travel options in the area.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 826/Palmetto Expressway North-South Managed Lanes PD&E Study FDOT District 6, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Deputy Project Manager and Public Involvement Manager for the CE-II study to add managed lanes along the SR 826/Palmetto Expressway corridor from SR 836/Dolphin Expressway to I-75, with the objective of improving mobility, relieving congestion and providing additional travel options in the area. Location Design Concept Acceptance (LDCA) was obtained in a record time of 12 months.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	I-10/US 301 Interchange PD&E / IMR Study, Interchange Improvements Duval, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2005	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Principal-in-Charge. Responsible for the completion of the PD&E Study with a Type II Categorical Exclusion level of documentation, associated Preliminary Engineering Analysis (PEA) including interchange design concept alternatives, structural considerations, and Interchange Modification Report (IMR). This project was to enhance safety, roadway capacity, traffic operations, and interchange modifications.				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	FDOT D4 and D6, I-95 Express Lanes/Bus Rapid Transit PD&E/IOAR Study, Add Express Lanes (Phases 1 & 2).		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2007	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager and Public Involvement Functional Manager in cooperation with local transit partners, developed a pilot project to manage congestion and provide travel options in South Florida. The project, called 95 Express Phase I and II, was a combined Bus Rapid Transit/Managed Lane project.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	I-295 (SR 9A) Western Beltway Corridor Planning Study, Express Lanes Feasibility Study Duval, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Principal-in-charge. Responsible for the completion of this feasibility study for a potential express lanes system in Duval County. This scope of services provides for the feasibility study for the I-295 Western Beltway Managed Lanes Study. The goal of this study is to analyze the operations of managed lanes on the I-295 western beltway. Corradino provided the necessary traffic forecasts and analyses to identify suitable egress/ingress locations.				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	SR 9/I-95 Project Development and Environment(PD&E) Study from North of Oakland Park Blvd. to South Glades Road Broward and Palm Beach County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager. Performance of conceptual design and environmental study of roadway improvements to SR 9/I-95. Project includes widening and rehab of SR 9, addition of one general purpose lane in each direction and addition of auxiliary lanes where necessary. Corradino coordinated with transit and local government officials in order to determine what multi-modal accommodations would be studied and evaluated as part of the project alternatives. It only included existing and planned multi-modal facilities.				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	SR-826/SW 8th Street Interchange Post Design Services Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Principal-in-Charge. Responsible for the completion of this project which was an FDOT LAP funded project (FPID 427769-1) designed for the City of West Park. The project limits were from County Line Road to Pembroke Road. The project included the addition of designated bike lanes, landscaped medians and decorative lighting enhancements. In order to accommodate these new features the project included roadway widening, milling resurfacing. Corradino provided all project management and professional engineering services for the design and preparation of a complete set of construction documents. Corradino was also responsible for making sure that all FDOT LAP guidelines and policies were strictly adhered to in order to preserve the funding allocated for the project.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Gerald Bolden, PE, PTOE	Traffic Engineering	a. TOTAL	b. WITH CURRENT FIRM
		23	2
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Brentwood, TN			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering) Auburn University, 1996		Professional Engineer, Florida No. 86930; Tennessee No. 106514 Professional Traffic Operations Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Mr. Bolden has 20+ years of experience in traffic engineering, transportation planning and geometric design. His specific experience includes traffic signal design, operations and timing, Intelligent Transportation System (ITS) planning and design, capacity analysis and modeling utilizing HCS, CorSIM and Synchro, corridor studies, roadway safety audits, interchange studies, traffic impact studies, intersection geometric designs, parking layouts, work-zone traffic control plans, and cost estimates.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Fort Lauderdale-Hollywood International Airport (FLL) Crosswalk Signalization, Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Technical Manager for the design of signalized crosswalks at three locations within the FLL internal loop road for arriving flights. The primary goals of the project are to increase pedestrian safety and improve vehicular traffic flow. The scope of the design includes: layout of traffic signal control equipment; traffic signal wiring; pedestrian signalization and push buttons; ADA ramps; design of bulb-out for pedestrian refuge along the terminal side of the crosswalk; development of coordinated signal phasing and timing of the three signalized crosswalks; emergency vehicle preemption; signing; LED lighting; pavement markings and rumble stripes.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Tennessee Department of Transportation Continuing Traffic Engineering Services (Statewide)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Bolden currently serves as Client/Project Manager for the complete oversight of the continuing services contract with TDOT. The project scopes include traffic signal warrant analysis, traffic signal design, traffic signal phasing and timing, roadway safety analysis, operational analysis, fiber-optic communications design, intersection geometric design, and roadway lighting.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Franklin On-Call Traffic Engineering Franklin, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Bolden currently serves as Principal-in-Charge/Project Manager for three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies; traffic signal design, timing, operations and analyses; ITS design; transportation planning; safety studies and design; roadway lighting and construction engineering and inspection. While with a previous employer.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Franklin McEwen Drive and I-65 Franklin, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Bolden served as Engineer-of-Record responsible for the signal modification design of the interstate off-ramp right turn lane with a Flashing Yellow Arrow layout, dual left turn lanes and dual right turn lanes onto the interstate on-ramp. Tasks included field review of the existing signal and ITS components; preparation of signal modification plans including mast arm poles, radar detection; traffic signal timings; signing and pavement markings.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Chattanooga CCTV CEI Chattanooga, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		N/A	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Mr. Bolden served as Principal-in-Charge/Project Manager for coordination, administration and oversight of the CEI activities. Project coordination was conducted throughout with TDOT LPDO, TDOT Region 2 Construction and the City of Chattanooga.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	SR 50 from SR 106 to SR 11 (US 31A) Marshall County, TN.		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
As a subconsultant, Mr. Bolden is serving as Design Lead and Engineer-of-Record for design of the City of Franklin ITS extension project. The scope includes completion of Systems Engineering Analysis (SEA), coordination with TDOT Local Programs Development Office (LPDO), layout of fiber optic communications along Cool Springs Boulevard, layout of traffic signal interconnection throughout the City, design and installation of 6 CCTV cameras and coordination with the City Information Technology group on the fiber optic communications upgrade throughout downtown Franklin				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Interstate 24 Corridor Feasibility Study (TDOT), TN		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer. Responsible for the compilation of data related to existing and proposed ITS deployments, identification of future ITS projects based on traffic and accident data and assisted in coordination with local agencies and public meetings. The project was a 194-mile corridor study under contract to TDOT to examine potential multimodal transportation improvements that would address existing and emerging transportation system issues associated with this strategic corridor through central Tennessee connecting the Clarksville, Nashville, and Chattanooga urban areas.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	TDOT, Continuing Traffic Engineering Services (Statewide)		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Client/Project Manager. Mr. Bolden managed the complete oversight of the continuing services contract with TDOT. The project scopes include traffic signal warrant analysis, traffic signal design, traffic signal phasing and timing, roadway safety analysis, operational analysis, fiber-optic communications design, intersection geometric design, and roadway lighting. While with a previous employer				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Shelby County Traffic Signal Inventory and Safety Analysis, Alabama Department of Transportation (ALDOT) Shelby County, AL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer. Responsible for the full inventory of 167 traffic signals in 8th Division and Shelby County. The inventory included collecting intersection data such as overall geometry, signing and striping, signal operations, equipment information and overall conditions/ratings of each location. All data was compiled into a final report deliverable and presented to ALDOT for further analysis of each location for potential improvements.				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Chattanooga Regional ITS System Phase I CEI Chattanooga, TN		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Mr. Bolden served as Project Manager and Resident Engineer for coordination, administration and oversight of the CEI activities. This project included an extension of wireless mesh communications to include an additional 115 signalized intersections in the central traffic signal control system, implementation of Wavetronix and Sensys Network detection devices throughout the system, and implementation of Insync adaptive traffic signal control along the Highway 153 corridor.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Vanessa Spatafora, PE	Traffic Engineering	a. TOTAL	b. WITH CURRENT FIRM
		10	8
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), University of Florida, 2009		Professional Engineer, Florida, No. 77741	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Mrs. Spatafora has 10 years of engineering experience. She has performed all facets of roadway design and has extensive experience with Florida Department of Transportation (FDOT) procedures, including plans production, preparation of specifications, maintenance of traffic, and cost estimates. In addition, Mrs. Spatafora has considerable highway, intelligent transportation system, crash data analysis and safety evaluation experience.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Biscayne Everglades Greenway Traffic Study City of Homestead, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer. Corradino conducted a Traffic and pedestrian Study for the Homestead Biscayne Everglades Greenway. The study focus was on the three proposed pedestrian crossings just to the south of Canal C-103 bridges/structures located at SW 162nd Avenue, SW 152nd Avenue and SW 147th Avenue. The three pedestrian crossings were analyzed for speed data, projected vehicle, pedestrian and bicycle volumes, operational analysis of roadway segments, sight distance and crash data.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Aventura Traffic Engineering Services City of Aventura, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016-Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer. Providing traffic consulting services, acting as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami-Dade County Department of Transportation and Public Works, FDOT District VI and other key stakeholder government agencies.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 4, I-95 PD&E Study, Add Express Lanes Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Development Engineer. 13.5 Miles in Broward County (underway). Assisted with the preparation of material to be incorporated in project development reports, traffic analysis reports, justification reports, special reports and handout materials. The project included the addition of express lanes to the I-95 corridor from north of Oakland Park Boulevard to south of Glades Road to provide continuity with the proposed and existing express lanes systems to the South of this project.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Fort Lauderdale General Traffic and Transportation Engineering and Transportation Planning Services	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Serving as in-house support staff as Transportation and Mobility liaison to the Department of Sustainable Development for traffic reviews for development projects.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 2, I-10/US 301 Interchange PD&E/IMR Study Duval County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Development Engineer. Responsible for report development, crash data analysis and safety analysis. Interchange improvements; 3 Miles in Duval County, responsible for report development, crash data analysis and safety analysis.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	FDOT District 6, I-75 PD&E/SIMR Study Miami-Dade County, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2012
f.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Development Engineer. Responsible for report development, crash data analysis and safety analysis. Add express lanes; 8.6 miles in Miami-Dade County; responsible for report development, crash data analysis and safety analysis. This project was located in northwestern Miami-Dade County and was approximately 8.6 miles in length, from SR 826 to just north of the Miami-Dade/Broward County Line. The project consisted of the potential addition of reversible/special use lanes, auxiliary lanes, interchange improvements and other transportation enhancements.		
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	FDOT District 4, I-95 Corridor Express Lanes Feasibility Study Broward and Palm Beach Counties, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Development Engineer. Responsible for report development, crash data analysis and safety analysis. 65 Miles in Broward and Palm Beach Counties; a planning study for the development of managed lanes, ramp improvements, interchange modifications, evaluation of ITS technologies, and other types of transportation improvements covering the I-95 corridor throughout Broward and Palm Beach Counties, Florida.		
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	FDOT District 6, SR 847/NW 47th Avenue PD&E Study Miami-Dade County, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Development Engineer responsible for the Sociocultural Effects Evaluation Report, crash data analysis and safety analysis. Arterial Widening (from two-lane to four-lane) and intersection/safety improvements; 2.4 Miles in Miami-Dade County.		
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	SR-924 West Extension PD&E Study Miami-Dade County, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Development Engineer. Responsible for report development, crash data analysis and safety analysis. The proposed west extension was 4.3 miles, between SR-826 and the HEFT. The project consisted of extending the SR 924 corridor from its current western terminus at SR-826 to the HEFT in order to improve access and meet east-west mobility needs for commuters and freight traffic.		
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	I-75 PD&E/SIMR Study, Add Express Lanes Miami-Dade County, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Development Engineer. Responsible for report development, crash data analysis and safety analysis. This project is located in northwestern Miami-Dade County and is approximately 8.6 miles in length, from SR-826 to just north of the Miami-Dade/Broward County Line. The project consisted of the potential addition of reversible/special use lanes, auxiliary lanes, interchange improvements and other transportation enhancements.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)				
12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE		
Edward Ng, MPP, MPL, AICP	Transportation Planning	a. TOTAL	b. WITH CURRENT FIRM	
		10	6	
15. FIRM NAME AND LOCATION (City and State)				
The Corradino Group, Inc. – Miami, FL				
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
Master (Public Policy) University of Southern California, 2012 Master (Planning) University of Southern California, 2012 BA (Planning and Public Policy), Rutgers University 2008		American Institute of Certified Planner (AICP) No. 28927		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
Mr. Ng is the Technical Vice President for Corradino's Planning Department, with experience in transportation, economic development, transit-oriented development, and land use planning. His work involves demographic analyses, preparation of and updates to comprehensive plans, grant writing, land use code revisions, geospatial planning analyses, GIS mapping, public outreach, and analyses of traffic facilities and operational data.				
19. RELEVANT PROJECTS				
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED		
	Las Olas Boulevard Streetscape Corridor Analysis	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
		2020	N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	The City of Fort Lauderdale commissioned this Streetscape Corridor Analysis along Las Olas Boulevard to further identify opportunities and challenges to provide key components of a vision that will ground the future development of the area. The City of Fort Lauderdale is committed to promoting safe, accessible, multi-modal travel evidenced by its implementation of Complete Streets and Vision Zero policy. As the major thoroughfare connecting Downtown Fort Lauderdale and Central Beach, Las Olas Boulevard must balance moving people efficiently through a balance of transportation needs, inclusive of pedestrian, bicycling, vehicular, and transit modes, with space programmed to safely accommodate other alternative modes of transportation such as scooters.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED		
	Town of Miami Lakes NW 59th Avenue Bridge Extension Miami Lakes, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
		2018	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager. This study is an evaluation of a new bridge's traffic impact on regional and local traffic via travel demand modeling. The proposed bridge, on NW 59th Avenue, is a missing link on a local collector roadway. The study determined that, based on modeling results, the system would have a net benefit from the building of the bridge.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED		
	City of Sunny Isles Beach Transportation Master Plan	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
		2015	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager. This project evaluated the City's 2003 Transportation Master Plan, with updates to local LOS determinations, intersection analyses, and planning for transit, pedestrian, and bicycle facilities. Of particular concern on the barrier island city was the limited points of access and heavy traffic along Collins Avenue, the sole main north-south arterial route through the city.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED		
	Fort Lauderdale Comprehensive Plan Update City of Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
		2019	N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager. This project will completely revise and replace the existing comprehensive plan, and introduce new elements such as Climate Change, Urban Design, and Economic Development, and build upon public school facilities by expanding the scope of policies in an Education Element geared for all ages. Conducting analysis of economic conditions and development, transportation, land use, and urban design.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED		
	Key Biscayne Transit Mobility Plan Village of Key Biscayne	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
		2015	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Manager. This study evaluated the mobility system of Key Biscayne, primarily along the Crandon Boulevard corridor, which serves as Key Biscayne's sole route off the island and the main commercial area. Assessing current and future needs, this study evaluated roadways, pedestrian networks, bicycling facilities, and transit routing to increase mobility via multimodal planning.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Miami-Dade TPO First-Mile/Last-Mile Mobility Study Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
This study evaluated the state of First Mile/Last Mile (FLM) mobility strategies and infrastructure nationwide. Beyond reviewing best practices for transference to the Miami-Dade area, the study explored basic urban travel demand assumptions, infrastructure characteristics and mobility delivery models to develop a basis for a ground-up understanding of how and when to implement different FLM strategies based on development contexts and primary corridor transit characteristics.				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Cutler Bay Complete Streets Corridor Analysis Town of Cutler Bay, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager. This study developed guidance through the development of street specific cross sections to implement Complete Streets for four corridors in Cutler Bay (NW 87th Avenue, Marlin Road, Gulfstream Road, and Franjo Road), based on the Town's roadways characteristics, current conditions and pedestrian, bicycle and transit facilities. Additionally, policies related to implementation were reviewed to provide recommendations for changes to the local code of ordinances.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	City of Doral Transit Mobility Plan Doral, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Lead Planner. This study evaluated current transportation in Doral to assist the city in improving mobility and included an assessment of existing projects and future needs, development of projects, and an implementation plan. Work involved transportation systems analysis, including review of demographics and trends, the goals and policies of the Doral's Comprehensive Plan, and traffic count and data analyses, and involved field assessment of the urban design.				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Oakland Park General Services		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Responsibilities included reviewing applications for development and providing a written report for the Design Review Committee, Board of Adjustments and Planning and Zoning Boards. Corradino also serves on an on-call basis with the city on various tasks, such as revisions to parking codes and other planning as needed.				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Gainesville 2045 Long Range Transportation Plan.		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager. Update to the Gainesville Metropolitan Transportation Planning Organization's 2045 Long-Range Transportation Plan. This plan will take a Complete Network/Complete Streets approach, with modeling and financial analysis to provide a prioritized list of transportation infrastructure projects for Gainesville.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Cecilia Villoria, PE	Civil Engineer	a. TOTAL	b. WITH CURRENT FIRM
		26	2
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), Florida International University, 1993		Professional Engineer, Florida No. 62866	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
As Division Manager of Design, Cecilia has 26 years of experience in all aspects of Project Management, Scheduling, Roadway Design, Maintenance of Traffic, Signalization, and Drainage. She has direct responsibilities dealing with design requirements and codes for the Florida Department of Transportation, Miami-Dade County, South Florida Management District (SFWMD), and AASHTO. She is actively involved in marketing efforts. Responsible for preparation of bid proposals, presentations and client negotiations. She coordinates the activities of the design team members and sub-consultants to meet project goals on schedule and within budget.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Iron Manors Fountain and Crosswalks Projects City of North Miami, FL.	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager. Corradino was responsible for preparing design plans, specifications, and contracting documents. Corradino managed the project and was in direct responsible charge for the design and permit related to the decorative crosswalks. MAK Work will be in responsible charge for all design elements related to the landscape, hardscape and softscape of the project.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	West 76th St. from West 24th Ave. to West 20th Ave City of Hialeah, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Contract Management. Located in a densely residential neighborhood with multiple driveway connections per property. The reconstruction of the road converted the existing flush shoulder condition to a curb & gutter section which requires the raising and lowering of the road in order to provide an adequate profile for drainage. The project also added parallel parking spaces where space allowed. Sidewalks and ramps were also provided following the latest ADA standards. The proposed roadway improvement was permitted through Miami-Dade County's RER Department. The project also includes lighting and signing and pavement marking improvements throughout the project limits. Extensive care was made during design to minimize impacts to existing landscaping, utilities and all other existing above-ground objects.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Installation of 42-inch Dia. Water Main Between the Intersection of Biscayne Boulevard (Sr-5/Us-1) and NE 5th Street to Port of Miami Miami-Dade County	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
Developed Traffic Control Plans for a proposed 42-inch water transmission main that will interconnect with a future 36-inch stub-out (WASD's Downtown Loop Project) located at the intersection between Biscayne Boulevard (SR 5 / US-1) and NW 5th Street. The proposed alignment runs from the intersection along Port Boulevard, under Biscayne Bay, and into Port of Miami.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, SR 9/SR 817/NW 27th Avenue Premium Transit PD&E Study Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
Study focuses on providing multimodal street improvements to accommodate Premium Transit service along the arterials within the project limits. Premium Transit modes to be considered and evaluated include: Bus Rapid Transit (BRT), Light Rail Transit (LRT), and Heavy Rail Transit (HRT/Metrorail) on exclusive lanes/guideways. Assisting with the development of the design alternatives.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, SR A1A North Causeway Bridge over Intracoastal Waterway from US-1, St. Lucie County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
Fixed bridge replacement for the existing bascule ICWW bridge #940045 from US-1 over FEC railroad and Old Dixie Highway to 2000 feet east of the existing bridge approach. Juanita Avenue will be extended to the east from its existing intersection with US 1 to Old Dixie Highway to maintain access between US 1 and SR A1A.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Hialeah West 31st and 32nd Street from West 12th to West 9th Avenue and West 11th and 9th Avenue from West 30th to West 33rd Street City of Hialeah, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
<p>Contract Management. The Corradino Group (Corradino) was responsible for the design and preparation of contract documents detailing the full roadway and drainage reconstruction as part of the City of Hialeah's Roadway Improvement Program. The newly designed drainage system consists of several self-contained French Drains that run the length of each street in accordance with city policy. The project, which took place in a densely residential neighborhood with multiple driveway connections per property, also included lighting, signing and pavement marking improvements..</p>			
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Florida Department of Transportation (FDOT), SR 9/ I-95 Southbound I-95 from South of L-30 Canal to North of Gateway Blvd. Northbound I-95 from South of Boynton Beach Blvd, to North of Gateway Blvd. Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
<p>Project Manager for the resurfacing, restoration and rehabilitation (RRR) of a 10-lane interstate freeway, limited access facility including inside and outside shoulders from L-30 Canal (MP 11.442) to north of Gateway Blvd (MP 16.427) in the southbound direction; and from north of Woolbright Road (MP 14.366) to north of Gateway Blvd (MP 16.427) in the northbound direction</p>			
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Florida Department of Transportation, District 4, SR A1A North Causeway Bridge (#940045) over Intracoastal Waterway from US-1 to Approximately 4600 Feet East of the Existing Bridge St. Lucie County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
<p>Fixed bridge replacement for the existing bascule ICWW bridge #940045 from US-1 over FEC railroad and Old Dixie Highway to 2000 feet east of the existing bridge approach. In addition to the proposed bridge replacement, Juanita Avenue will be extended to the east from its existing intersection with US 1 to Old Dixie Highway to maintain access between US 1 and SR A1A.</p>			
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 836/ Dolphin Expressway Concrete Pavement Rehabilitation from NW 17th Avenue to SR 9A/I 95, MDX Expressway Authority Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
<p>Project Manager responsible for the design and preparation of a complete set of construction plans and specifications package for S.R. 836 / Dolphin Expressway concrete pavement rehabilitation/replacement. Project tasks also entailed identification, evaluation, and recommendation of repairing methods for the damaged concrete slabs along SR 836, excluding bridges and shoulders, along the Eastbound and Westbound lanes based on FDOT design standards and criteria.</p>			
j.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR-710/Beeline Highway from MP 1.58 to MP 5.00 Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		N/A	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
<p>Project Manager responsible for the milling and resurfacing of the 3.5-mile roadway including signing and marking plans, landscaping, wetlands delineation, slope correction, median modification to extend turn lanes. Tasks included preparation of typical section package, pavement design package, 3-R report, drainage mini-drip report, monthly progress report, roadway plans, signing and pavement markings and traffic control plans, construction details, cost estimates, specifications and plans production.</p>			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Ryan Solis-Rios, PE, PTOE	Traffic Engineering	a. TOTAL	b. WITH CURRENT FIRM
		20	13
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), Bradley University, Peoria, IL, 1998		Professional Engineer, Florida No. 63345, 2005 Professional Traffic Operations Engineer No. 2382	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Mr. Solis-Rios' areas of expertise are planning, traffic operations, safety and project development. As a former FDOT District Two Project Manager, he has worked and finalized over 28 projects which included express lanes, system-to-system interchanges, service interchanges, interchange reports (IJR, IMR, IOAR), freeway systems, principal arterial widening projects and FIHS/SIS facilities.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 826/Palmetto Expressway PD&E Study, FDOT District 6 Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer for PD&E Study is to evaluate alternatives for the widening of the Palmetto Expressway, SR 826, a limited access facility, from US 1/SR 5 to SR 836/Dolphin Expressway, approximately MP 0.0 to MP 7.076 for the inclusion of express lanes along the corridor. This project is intended to complement and support the SR 826/SR 836 Interchange Improvements (Section Five).			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	PD&E Services for Widening Sawgrass, Florida's Turnpike Enterprise Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer for PD&E Study is to evaluate alternatives for the widening of the Sawgrass Expressway, SR 869, from south of US 441 (SR 7) to Powerline Road and along the Florida's Turnpike (SR 91) approximately one (1)-mile north and south of the Sawgrass Expressway Interchange. Close coordination shall be performed with the DEPARTMENT'S PD&E study for the widening of the Sawgrass Expressway, SR 869, from south of Sunrise Boulevard to south of US 441 (SR 7), FPID 435763-1-22-01 for consistency and continuity of the Sawgrass Expressway corridor.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Interstate 95 Managed Lanes PD&E Study Miami-Dade and Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer: Florida Department of Transportation (FDOT), in cooperation with local transit partners, developed a project to manage congestion and provide travel options in South Florida. The project provided the first critical link of the region's emerging network of Managed Lanes and connects the Miami Central Business District from I-395 to I-595 in Broward County. It also provides direct access from the Broward Boulevard Park-n-Ride lot south to I-395, providing 24 miles of regional linkage.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 924/Gratigny Parkway PD&E Study, MDX Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer for a major highway extension between SR 826 and the Florida's Turnpike, including new connection system points, the development of new structures, existing ramp improvements, interchange analysis, environmental studies, extensive public outreach, and ITS technologies implementation			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, I-75 PD&E Study Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer for PD&E Study for roadway and transit improvements to SR-93/I-75. Proposed improvements include the following elements: The implementation of reversible lanes within the median. Access to and from the reversible lanes may be by either slip-ramps or special-use lane access ramps, with access control mechanisms; Development of transitway (BRT) along the roadside of I-75. The southern terminal station is proposed to be the Palmetto Metrorail Station (PalTran).			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	SR 869 Mainline Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer. The improvements proposed as part of this project will address capacity needs along the SR 869 mainline through the incorporation of tolled express lanes in both the northbound and southbound directions. Additionally, operational and capacity improvements will be evaluated and incorporated at the various interchanges referenced above in order to address operational needs access to and from the mainline, and/or express lanes. Improvements at the Sawgrass Expressway/Florida’s Turnpike Interchange will extend one mile north and one mile south of the Sawgrass Expressway along the Florida’s Turnpike.				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	SR 826 Palmetto Expressway Project Development and Environment Study, Express Lanes Feasibility Study Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer. The project is located in Miami-Dade County, Florida and is contained within unincorporated Miami-Dade County. The PD&E Study will evaluate the implementation of express lanes and potential modification of existing entrance and exit ramps serving the interchanges within the project limits. Intersection improvements will be evaluated along the cross streets to facilitate the ramp modifications and improve the access and operation of the corridors upstream and downstream from the interchanges. The study will evaluate the social, economic, physical and environmental impacts associated with the potential improvements. Prime Consultant. 7.2 Miles in Miami-Dade County.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	I-95 Express Project Development and Environment Study, FDOT District 4 and 6 Broward & Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer. Prepared a CE-II for the implementation of two express lanes in each direction on I-95 from I-395 in Miami to Broward Boulevard in Fort Lauderdale. FDOT, in cooperation with local transit partners, developed a project to manage congestion and provide travel options in South Florida. The project was a combined Bus Rapid Transit/Managed Lane project. Existing lane and shoulder widths were slightly reduced so that an additional lane can be provided on I-95 in each direction without expanding the corridor. The two existing HOV lanes and two new lanes on Interstate I-95 were converted to limited access Managed Lanes.				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	I-75 Project Development & Environment (PD&E) Study, Florida Department of Transportation (FDOT) District 6, Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2007	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer for Project Development and Environment Study for roadway and transit improvements to SR-93/I-75. Proposed improvements include the following elements: The implementation of reversible lanes within the median. Access to and from the reversible lanes may be by either slip-ramps or special-use lane access ramps, with access control mechanisms; Development of transitway (BRT) along the roadside of I-75. The southern terminal station is proposed to be the Palmetto Metrorail Station (PalTran).				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	SR 924 West Extension PD&E/SIMR Study, 12.5 Mile New Corridor Extension Miami-Dade County - Deputy		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2010	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager/Traffic Engineer. Participated in the existing traffic data collection efforts by designing the methodology and actual traffic counts process and QA/QC. Developed Turning Movement Counts, AADT and DDHV volumes. Analyzed the interstate corridor using HCS, Synchro, and CORSIM to evaluate the existing conditions.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Teresa Neal, AICP	Traffic Engineering	a. TOTAL	b. WITH CURRENT FIRM
		23	<1

15. FIRM NAME AND LOCATION (City and State)

The Corradino Group, Inc. – Brentwood, TN

16. EDUCATION (DEGREE AND SPECIALIZATION)

BS (Mechanical Engineering) University of Alabama-Huntsville, 1990

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

American Institute of Certified Planners (AICP) #31060

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Ms. Neal has prepared numerous Traffic Impact Assessments/Studies; conducted intersection and corridor analysis using HCS, Synchro, and CorSim; developed traffic signal timing plans for isolated intersections and major corridors; analyzed intersection operational and geometric needs; completed traffic signal and geometric design plans; conducted shared parking analysis using ULI Industry Standards and local Zoning Ordinance requirements; and conducted Signal Warrant analysis for intersections based on MUTCD signal warrants.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Tennessee Department of Transportation Continuing Traffic Engineering Services (Statewide)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Ms. Neal currently serves as Project Designer for the continuing services contract with TDOT. The project scopes include traffic signal warrant analysis, traffic signal design, traffic signal phasing and timing, roadway safety analysis, operational analysis, fiber-optic communications design, intersection geometric design, and roadway lighting. While with a previous employer, Ms. Neal served in the same role from 2003-2013.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	City of Franklin On-Call Traffic Engineering Franklin, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Ms. Neal currently serves as Project Designer for three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies; traffic signal design, timing, operations and analyses; ITS design; transportation planning; safety studies and design; roadway lighting and construction engineering and inspection.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Highway 96 West @ Westhaven Boulevard Intersection Improvements Franklin, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Ms. Neal served as Project Designer for completion of utility, right-of-way and construction plans for improvements at the intersection of Highway 96 West at Westhaven Boulevard/Old Charlotte Pike. Task included design recommendation for the intersection configuration; design of intersection geometric improvements; utility design (water and sanitary sewer); traffic signal design; ITS design (fiber optic communications and CCTV); intersection lighting design; pavement markings and signing plans; EPSC plans; and work zone traffic control plans.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	TDOT, SR-317 (Bonny Oaks) Chattanooga, Hamilton County TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
Ms. Neal served as Project Designer for four traffic signals as part of the widening of a 4.9-mile section of State Route 317 (Bonny Oaks) from I-75 to State Route 17 from a typical two- to four-lane roadway section to a five-lane typical section. The roadway segment contains ten signalized intersections and two grade-separated railroad crossings that will be included in the design.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	TDOT, SR 50 from SR 106 to SR 11 (US 31A) Marshall County, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
Ms. Neal served as Project Designer for five traffic signals located at various intersections on a 2.2-mile section of SR 50 (US 431) in Marshall County, Tennessee. This is a roadway widening project that includes traffic signal modifications at five intersections which include pedestrian signals, pushbuttons, and crosswalks. Tasks for this project included: design of the traffic signal equipment; traffic signal wiring diagram; phasing and timing of each traffic signal; and pedestrian facility integration as part of the signal design.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Metro Top Intersections Nashville, Davidson County, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Ms. Neal served as Project Designer for the evaluation and design for 34 intersections identified as high-crash locations within Metro Nashville-Davidson County. This project included updating crash data, calculating crash rates, evaluating each intersection for operation and safety issues based on the Highway Safety Manual (HSM), proposing safety mitigation strategies and operational modifications, and designing the recommended improvements for each intersection. Recommended improvements varied from adding signage or modifying signal phasing to constructing additional lanes or widening the roadway.			
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR 50 from SR 106 to SR 11 (US 31A), TDOT Lewisburg, Marshall County, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Ms. Neal currently serves as Project Designer for three-year on-call traffic engineering contract. Tasks include completion and review of traffic impact studies; traffic signal design, timing, operations and analyses; ITS design; transportation planning; safety studies and design; roadway lighting and construction engineering and inspection.			
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Cool Springs Area ITS Expansion Project (Franklin, TN)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2010	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Ms. Neal served as Project Designer for the design of the City of Franklin ITS expansion project in the Cool Springs area. The scope of this locally managed project included layout of more than 9.5 miles of new fiber optic conduit, interconnection of 32 signalized intersections, and 12 CCTV cameras within a compressed schedule due to ARRA funding requirements. This project required extensive coordination with TDOT Local Programs Development Office.			
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Chattanooga TPO Regional Bicycle & Pedestrian Plan Chattanooga, Hamilton County, TN	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2010	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Ms. Neal served as the lead analyst and was responsible for collecting field data, conducting a Bicycle Level of Service (BLOS) and Pedestrian Level of Service (PLOS) analysis, assisting with public meetings and gathering public input, preparation of future project list, creating GIS maps and writing various sections of the overall plan.			
j.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Lakeside Safe Routes to School (Chattanooga, TN)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
While at a previous firm, Ms. Neal served as Project Designer for approximately 1,700 linear feet of sidewalk along Jersey Pike in Chattanooga, Tennessee. The scope of this Safe Routes to School project included development of ROW and construction plans for new sidewalk, curb and gutter, retaining wall, mid-block pedestrian crosswalk with flasher and bicycle parking area at Lakeside School.			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Mark Alvarez	Transportation Planning	a. TOTAL	b. WITH CURRENT FIRM
		30	2
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
Master (City & Regional Planning) The Ohio State University 1992 BS (Business Operations Management) The Ohio State University 1988		N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Mr. Alvarez is a professional planner with 30 years' experience in transportation planning, land development analysis, infrastructure programming and environmental impact analysis. He brings his experience together to provide holistic approaches for integrated solutions toward sustainable and resilient urban development that is focused on developing socially and economically viable mobility plans that leverage public, business and government resources together.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Palmetto Bay Interim Planning Director Village of Palmetto Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Project Manager. Corradino is tasked with the overall planning, administration, management, operations and problem solving of the Planning & Zoning Division. Mr. Alvarez role is to provide staff support, land use zoning and comprehensive planning for the Village. Recent projects: concurrency and impact fee review; transit and parking analyses; and assistance with general planning.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade TPO First-Mile/Last-Mile Mobility Study Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. This study evaluated the state of First Mile/Last Mile (FLM) mobility strategies and infrastructure nationwide. Beyond reviewing best practices for transference to the Miami-Dade area, the study explored basic urban travel demand assumptions, infrastructure characteristics and mobility delivery models to develop a basis for a ground-up understanding of how and when to implement different FLM strategies based on development contexts and primary corridor transit characteristics.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami Downtown Development of Regional Impact (DRI), Increment III Miami-Dade County, FL*	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Project Manager. Consistent with State requirements, performed technical and policy review for the South Florida Regional Planning Council (SFRPC). Review included traffic capacity and operational analysis methodologies, inputs, outputs; transit data review; and policy implications for the Person Trip Methodology, transit mode share assumptions; and implications for area-wide development.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Paseo de la Riviera, Coral Gables TOD City of Coral Gables, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Peer Review of Transit Oriented Development (TOD) proposed for the Metrorail University Station with relevance to: transit-supportive efficacy; transit station utilization analysis; consistency with FDOT Florida TOD Guidebook and national best practices; area and neighborhood compatibility; consistency with the City's Comprehensive Plan and zoning code; and community input at charrette and visioning processes.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Title Drive Electric Florida, Volume II Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. Developed a detailed feasible plan for a demonstration project to provide electric, shared vehicles to complete the "last mile" for MetroRail stations, with the dual purposes to introduce electric vehicles (EV) to increase their market penetration and increase transit usage. Additionally, performed a preliminary feasibility analysis to utilize battery-electric buses along the Busway. Work included extensive quantitative market analysis, EV transit infrastructure planning, and national benchmarking of car sharing programs.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Pinecrest Parkway (US-1) Intersection Improvement Study		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2008	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input type="checkbox"/> Check if project performed with current firm
As subconsultant to the Lehman Center for Transportation Research, participated with FIU faculty and student team to perform traffic operational alternatives analyses to improve the safety and optimize the throughput of 12 intersections along South Dixie Highway (US-at the edge of the Village of Pinecrest. For each intersection, priorities were established, data collected, microsimulations performed, and alternative improvements recommended for two growth horizons.				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	South Florida Regional Policy Plan Transportation Element South FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			N/A	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input type="checkbox"/> Check if project performed with current firm
Reviewed development, transportation and energy trends in the three-county region, reviewed regional planning efforts and comprehensive plans, then developed new and amended transportation policies for the South Florida Regional Policy Plan for adoption by the SFRPC Board.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Brickell Citi Center Driveway Impact Analysis on Existing Businesses		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input type="checkbox"/> Check if project performed with current firm
Provided peer review of impacts of drive location and spacing of Brickell Citi Center Major Use Special Permit (MUSP) on vehicular access and egress to existing adjacent businesses. Review was based analysis of driveway clearance regulations, forecast driveway volumes, and intersection operations.				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	South Dade Busway Feeder Study		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2008	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input type="checkbox"/> Check if project performed with current firm
Principal Investigator (PI) with the Lehman Center for Transportation Research, led FIU students and sub-consultant in the analysis of commuter utilization and latent transit markets to plan new transit feeder services to alleviate park-and-ride capacity and meet future planned transit-oriented development (TOD) for the 20-mile bus rapid transit (BRT) South Dade Busway corridor.				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Flamevine Avenue Right-of-Way Abandonment		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2008	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input type="checkbox"/> Check if project performed with current firm
Provided analysis of abandoning street end right-of-way for private property owner in Palm Beach County.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Srinivas Varanasi	Transportation Modeling	a. TOTAL	b. WITH CURRENT FIRM
		13	10
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Ft. Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
MS (Civil Engineering), Louisiana State University, Baton Rouge, LA, 2003 BS (Civil Engineering), Andhra University, Visakhapatnam, Andhra Pradesh, India, 2001		EIT - Louisiana, 2003	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Member ITE since 2002, Member Florida Model User Group, Member North Carolina Model User Group, Travel Demand Modeling Using TransCAD, 2004, NTI's Multimodal Travel Forecasting, 2005, FHWA's ITS Deployment and Analysis Software (IDAS), 2006, Advanced CUBE Voyager Scripting Workshop, 2008			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT D2, I-295 Western Beltway Bluetooth Survey Duval County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Analysis Lead. Mr. Varanasi has completed Bluetooth Survey Design for the I-295 Western Beltway Corridor in Jacksonville, with 59 OD locations. The locations have been selected strategically at freeway and ramp terminals, to capture seven day Bluetooth data using anonymous address matching techniques. The OD survey is being expanded using Iterative Proportion Fitting technique to represent daily and peak period travel patterns. This data will be used to calibrate corridor macro and micro simulation models. BlueFAX software is being used to analyze the raw data.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT D4, Design Traffic Guidelines Development Broward, Palm Beach, Treasure Coast Counties, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. Mr. Varanasi was approached by FDOT D4 to write Design Traffic guidelines, emphasizing in Managed Lanes forecasting, as this section was not completely addressed in the FDOT Project Traffic Handbook. Mr. Varanasi successfully completed part1 of this project and provided draft submittal. As part of the part2, training to the users will be provided.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT D4, Region-wide LOS Assessment Broward, Palm Beach, Treasure Coast Counties, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Forecasting Lead. Mr. Varanasi developed region-wide LOS assessment project for 2012 and 2035 conditions for FDOT D4. As part of this process, cost-saving forecasting technique using CUBE Analyst was implemented. FDOT and the consultant team was selected for a Davis Productivity Award for this effort.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	I-95 Corridor Design Concept, Unified Corridor Traffic Analysis Study Broward and Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Forecasting Lead. 30 miles in Broward and Palm Beach Counties- Developed multi-resolution modeling approach to integrate the travel demand forecasts with VISSIM micro simulation software. Developed OD matrices for existing and future conditions, using CUBE Analyst Matrix Estimation techniques. Also developed and balanced existing and future conditions design traffic estimates, turning movement estimates for more than 70 intersections.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	I-95 Interchange Master Plan Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Forecasting Lead. 18 interchanges in Broward County- FDOT D4 retained Mr. Varanasi to develop existing conditions and 2040 forecasts design traffic for the Master Plan. Corradino is not part of the Master Plan team, but as Corradino gained FDOT's confidence in Managed Lanes Forecasting techniques, this task was assigned to Corradino separately using another contract.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Miami-Dade County TPO SMART Plan North Corridor Miami, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			Ongoing N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	The Corradino Group is solely responsible for analysis of the North Corridor, system-wide modeling and STOPS modeling, plus the overall financial analysis. The SMART Plan is to advance a program of rapid transit and supporting projects in six corridors to address mobility needs. Additionally, a Bus Express Rapid Transit (BERT) network is planned. SMART Plan implementation requires identifying the goals and priorities of the Corridor communities that will support and ultimately fund the services, assessing existing conditions and analyzing future conditions. This work is accompanied by a robust examination of funding mechanisms to develop implementation strategies.		
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	2040 Southeast Florida Regional LRTP Forecasts Development Southeast Florida		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2015 N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	The Corradino Group served as a sub-consultant performing Existing-plus-Committed (E+C), Needs, and Cost Feasible Model scenarios networks development using the activity-based Southeast Regional Planning Model (SERPM 7). As part of this effort, extensive coordination with the regions T/MPOs was performed to obtain the list of projects to be modeled for each scenario.		
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Metropolitan Transportation Plan Forecasts Development Richmond, VA		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2017 N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	The Corradino Group used Richmond-Tri Cities model to develop Existing-plus-Committed (E+C), Needs, and Cost Feasible Model Scenarios to establish a process for the Metropolitan Transportation Plan Development (MTP/LRTP). The region's TIPs and VDOT work programs were verified to develop an E+C network and the model scenario using 2040 TAZ data established a baseline for identifying the future year deficiencies.		
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Florida Department of Transportation (FDOT) SERPM 7.0 Model Development Southeast Florida		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2015 N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	The Corradino Group successfully implemented a Coordinated Travel Regional Activity/Tour-Based Modeling Platform (CT-RAMP) working with a team of consultants. This model is the successor to the Southeast Regional Planning Model (SERPM) version 6.5 developed by Corradino. SERPM 7.0 became the primary modeling tool for Miami-Dade, Broward, and Palm Beach Counties, and has been used for highway and transit project development, and for the long-range transportation planning.		
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Multimodal Corridor Studies Support FDOT D6		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2017 N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager. Managing the multimodal corridor studies forecasting efforts for FDOT D6 for the three high-profile corridor studies in FDOT D6 - NW 27th Ave; Flagler Street, and Kendall Drive. As part of the job, Mr., Varanasi has developed existing subarea validation and No-Build multimodal forecasts for the three corridor studies. Both highway and transit forecasts were developed, and post-processing efforts were conducted. FTA STOPS models have been tested for comparative analysis of the ridership estimated by SERPM7 model.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Scarlet Hammons, AICP CTP	Transportation Planning	23	8

15. FIRM NAME AND LOCATION (City and State)

The Corradino Group, Inc. – Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
BA (Urban Studies and Planning) University of California 1995	American Institute of Certified Planners No. 018949
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)	

Ms. Hammons specializes in the analyses of land use issues related to comprehensive plans, zoning, and all aspects of the site planning process. She has recently completed AICP Advanced Certification in Transportation Planning. Her experience also includes preparing zoning regulations, writing comprehensive plans, drafting ordinances, assisting with transportation master plans and preparing graphics, exhibits and maps.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Virginia Gardens EAR Village of Virginia Gardens, FL	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Planner. Corradino evaluated the Village's comprehensive plans and goals to provide a determination of sufficiency in meeting state statutory requirements. The evaluation and Appraisal Report determined the need to amend the local Comprehensive Plan to fulfill state law mandates and update the planning horizon to 10 years.		
b.	Homestead General Planning Services City of Homestead, FL	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Senior Planner. In 2014, Corradino was tasked with completing the Comprehensive Plan Future Land Use Plan Map amendments, rezoning of City-owned properties in Downtown Homestead, and amending the zoning code to allow for certain public and retail/entertainment facilities. Corradino's planners review all applications, including site plans, variances, certificates of use, special exceptions, planned unit developments and traffic impact analyses. In addition, Corradino handles special projects including annexation analyses, zoning code chapter revisions, a public art master plan, comprehensive plan amendments, and zoning and land use map changes.		
c.	Oakland Park In-House Planning Consultant City of Oakland Park, FL	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Principal Planner. Serving as the in-house planning consultant to fill in a gap with City staffing level, Scarlet worked with the City for approximately four months. Primary responsibilities included reviewing applications for development and providing a written report for the Design Review Committee, Board of Adjustments and Planning and Zoning Boards.		
d.	Fort Lauderdale Comprehensive Plan Update City of Fort Lauderdale, FL	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Assistant Project Manager. The City of Ft. Lauderdale is revising the existing Comprehensive Plan under 6 platforms: Infrastructure, Public Places, Neighborhood Enhancement, Business Development, Public Safety and Internal Support Platform. The Comprehensive Plan will be written with conciseness in mind, and will be a visual document where applicable, with the end of creating a highly accessible document that can be easily read by citizens, businesses, policymakers and staff.		
e.	Oakland Park Parking System and Ordinance Revisions for the Downtown Development District, City of Oakland Park, FL	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager. The project consists of two tasks 1) recommend a new parking system; 2) develop the implementing ordinance. The parking system tasks includes reviewing existing parking needs calculations, suggesting a new calculation procedure, determining future needs, costs, tracking and potential management systems.		

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Transportation Master Plan Update City of Doral, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Assistant Project Manager. A set of over 50 projects were developed to address the City's continued multi-modal transportation system and advocate for funding of them.		
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Circulator Route Operational Analysis City of North Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Assistant Project Manager. This work entails reviewing the system's routes, headways, management and operations. A passenger survey was conducted to understand not only the stop-by-stop performance of the system, but its ridership preferences. From that data, an analysis is being performed to modify the routes and provide services and amenities more closely aligned with rider's needs.		
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Safe Routes to Schools Plan Village of Palmetto Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2010	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager. Corradino performed the Safe Routes to School project for three elementary schools. The analysis included pedestrian, bicycling, and safety of the routes to these schools, with outreach to the community. Corradino recommended route and facility improvements within a 0.5-mile radius of school. Funding applications were also prepared for these projects on behalf of Miami-Dade County Public Schools.		
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Land Development Regulations Town of Cutler Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2012	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager. Corradino served as the Town's General Consultant assisting with transportation, planning and civil engineering projects. Corradino produced the Town's first Land Development Regulations.		
j.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Unified Bicycle and Pedestrian Master Plan City of Aventura, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager. The Northeastern part of the county is one of its most-congested areas. The regional roads carry heavy traffic, which is often not highly directional. Aventura realized years ago that it needed to impact the way people moved within the community by providing bicycle, pedestrian and transit infrastructure within these rights of way. This effort focuses on this multimodal approach and polishing an already well-functioning system.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Juan Sotero, PE	Civil Engineering/Infrastructure Design	a. TOTAL	b. WITH CURRENT FIRM
		16	13
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), Florida International University, 2001		Professional Engineer, Florida No. 67386	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Professional Affiliations: American Society of Civil Engineers (ASCE); Member, Chi Epsilon – Civil Engineering National Honor Society; Tau Chi Alpha – Environmental Engineering Honorary.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, NW 74th Street (NW 74th Ave. to NW 69th Ave.) and NW 69th Avenue (NW 74th Street to FEC Hialeah Railyard Entrance) Miami-Dade County, FL*	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Engineer. The scope of this project consists on reconstruct Local NW 74th Street from NW 74th Avenue to SR 969 / NW 72nd Avenue / Milam Dairy Road and will also perform RRR improvements including milling and resurfacing on Local NW 74th Street from SR 969 to NW 69th Avenue. The project will also reconstruct NW 69th Avenue from Local NW 74th Street to the Hialeah FEC Rail Yard Entrance. and upgrading pedestrian ramps to comply with ADA standards. Responsible for designing roadway improvements including reconstruction, milling and resurfacing, pavement markings, and sidewalks/curb ramps to comply with ADA standards, preparing the Flexible Pavement Design Package, Design Exceptions, and Design Variations.		
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, I-75 Express Lanes from County Line to SR-826 Miami-Dade County	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Engineer. Responsible for the design and plans preparation for design build RFP documents. The scope consisted in the adding two express lanes in the I-75 median with an egress and an ingress access point.		
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, SR 826/Palmetto Expressway RRR Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Engineer. responsible for the design and preparation of contract documents detailing the RRR of SR 826/Palmetto Expressway from its southern terminus at SR 5/US 1/S. Dixie Highway (MP 0.000) to just north of SR 878/Snapper Creek Expressway (MP 1.343). The project also includes the upgrading of substandard guardrail terminals, replacement of guardrail to bridge railing transitions (Bridge 870129), upgrading of bridge railing with vertical face retrofit (Bridge 870129), replacement of bridge expansion joints and replacement of all pavement markings.		
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, RRR Project - SR 909 (West Dixie Highway) from North of NE 151st Street to SR 826/NE 163rd Street, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	The scope of this project consisted on milling and resurfacing, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA). Project Responsibilities: Project Manager, responsible in the design of the roadway improvements for this corridor that includes milling and resurfacing, improvement of pavement markings, installations of count-down pedestrian signals and upgrading sidewalks and curb ramps to comply with ADA standards.		
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Coral Reef Elementary Safe Routes to School Palmetto Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Roadway Engineer. Responsible for the design and plans preparation for design build RFP documents. The scope consisted in providing sidewalk, ADA standards, and pavement marking improvements for the pedestrian accessing Coral Reef Elementary School in the Village of Palmetto Bay. The project was part of FDOT local agency programs.		

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Town of Cutler Bay, Paving and Miscellaneous Drainage Improvements at Bel Aire Sub-Basin 8 Section 5.2., Project Length: 0.47 miles Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2010	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
The scope of this project consisted of milling and resurfacing, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA).			
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	(FDOT), D6, RRR Project, SR 959 (SW 57th Avenue/Red Road) from South of US-1 to South of SR-976/SW 40th Street/Bird Road, Project Length: 1.826 miles. FM No. 428484-1-52-01 Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2011	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer. This project consisted of milling and resurfacing with cross-slope correction, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA), Safety improvements at the intersection of US-1 and SW 57th Avenue, and signalization enhancements were also involved.			
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	(FDOT), D6, RRR Project, SR A1A (Harding/Abbott Avenue) from Indian Creek Drive to South of 75th Street, Project Length: 0.55 miles. FM No. 419860-1-52-01 Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer. The scope of this project consisted of milling and resurfacing, improvements of pavement markings, and upgrading sidewalks and curb ramps to comply with the accessibility standards and requirements set forth in the Americans with Disability Act of 1990 (ADA). Project Responsibilities: Project Engineer, responsible in the design of the roadway improvements for this corridor that includes milling and resurfacing, improvement of pavement markings, installations of count-down pedestrian signals and upgrading sidewalks and curb ramps to comply with ADA standards.			
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Gannett Fleming, Inc.	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2004	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
Project Engineer. Responsible for assisting the transportation and roadway department with highway design projects, including providing field support, preparing schedules, cost estimates, signing and pavement marking plans, and performing inspections.			
j.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade Expressway Authority/Community Asphalt Corporation. Design/Built Project. S.R. 836 Extension from NW 107th Avenue to NW 137th Avenue, Project Length: 2.5 miles Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2003	2004
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Engineer. The scope of this project consisted of a new six-lane facility extending westward from the Homestead Extension of the Florida Turnpike to NW 137th Avenue, and improvements to the existing SR 836 main line and ramps to the east of the SR 836/NW 107th Avenue interchange. The project includes the construction of new and reconstructed roadways, ten new bridges, retaining walls, and noise abatement walls.			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Mark Croft, PE	CEI Services	a. TOTAL	b. WITH CURRENT FIRM
		32	2
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Fort Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), University of Florida, Gainesville, FL, 1984		Professional Engineer: Florida, No. 40941	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
FDOT Superior Achievement Award—For assisting FDOT in attaining its goal and fulfilling mission to State Certifications/Training, CTQP# (Pending), QC Manager (Course/Exam), MOT Advanced(Pending), Construction Academy			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, Oversight of Florida Keys Construction Program – Construction	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Project Manager. Mr. Croft manages the D6 Monroe County Residency Contract and the Keys Bridge Grouping CEI Contracts performing QA reviews and ensuring compliance with FDOT procedures and contractual requirements			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	FDOT District 6, Miscellaneous CEI / D4 I-95 Corridor Engineering Contract, Broward County	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Consultant Engineer. Mr. Croft managed the D6 Miscellaneous CEI Contract from October 2014 thru April 2015, performing QA reviews and assigning staff for this Task Work Order Contract. He has provided schedule, constructability, RFP language, and Technical Proposal Reviews for the D4 I-95 Managed Lane Contracts from October 2014 to present.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Port of Miami Tunnel Construction Management and CEI oversight Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Construction Engineer - This project consisted of two 3800' long - 42' diameter Bored Tunnels with segmental concrete liners along with operational and maintenance buildings. The work included casting more than 12,000 liner segments, CSM wall panels, extensive soil grouting, tremie seals, two new concrete bridges and the widening of a 19-span high level bridge (McArthur Causeway), along with MSE walls and roadway reconstruction and widening items.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SR826(Palmetto Expressway)/SR836 Interchange Construction Management and CEI oversight Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Construction Engineer - Capacity improvements include the reconstruction and widening along both S.R. 826 and S.R. 836, the construction of a four-level interchange as well as the reconstruction/modifications of the Flagler Street/ S.R. 826 and the Milam Dairy Road/NW 72 Avenue/S.R. 836 interchanges. The work includes 42 new bridges, four of which are direct connect flyover segmental bridges constructed via balanced cantilever method utilizing both gantry and crane erection.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Alton Road Reconstruction from 5th Street to Michigan - Construction Management and CEI oversight Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2015
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Construction Engineer - Full roadway reconstruction and drainage improvements including three pump stations, utility work and new sidewalk, lighting, and signalization. Mr. Croft was the District Construction Engineer for FDOT and provided guidance to the team and was directly involved in claim and acceleration negotiations to expedite the reinstatement of two-way traffic on Alton Road.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	FDOT D4, Oversight 595 PPP Concession Project Broward County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2018	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. Mr. Croft assists FDOT's Project Manager with the oversight of all operations and maintenance of the 595 Concessionaire as well as ongoing supplemental construction activities. Performs QA reviews and audits of maintenance activities to ensure compliance with FDOT procedures and contractual requirements of the Concession Agreement.				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	F FDOT D6 District Construction Engineer (DCE) Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2000	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Construction Engineer. Responsible for the management of the construction work program for the District. The District Construction Department consisted of up to 100 employees with a salary allocation in excess of \$3 million and an operating budget of \$200 thousand per year. During the last five years, the construction program exceeded \$2 billion in active contracts.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	FDOT D6, SR826/SR836 Interchange Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2009	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Capacity improvements include the reconstruction and widening along both SR 826 and SR 836, the construction of a four-level interchange as well as the reconstruction/modifications of the Flagler Street/SR 826 and the Milam Dairy Road/NW 72 Avenue/SR 836 interchanges. The work includes 42 new bridges, four of which are direct connect flyover segmental bridges constructed via balanced cantilever method utilizing both gantry and crane erection. The project also includes over one million cy of embankment, temporary and permanent MSE walls, new asphalt roadway construction, and several ITS signs and detectors.				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	FDOT District 6 (D6), 395 CEI Grouping Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2018	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
CEI Resident Engineer. Mr. Croft leads the CEI oversight for this \$802 million reconstruction project in downtown Miami which includes the complete replacement of I-395 with high level bridges and a signature bridge over Biscayne Blvd.				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	FDOT D6, SR5/US-1 18 Mile Stretch Key Largo to Florida City, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2005	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm	
Widening and reconstruction of US-1 in the Upper Keys with median barrier. Projects included a design build for the replacement of an old bascule bridge at Jewfish Creek with a high-level concrete structure and an unsolicited proposal for a design-build finance contract to advance and construct 8 miles of the corridor.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)			
12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Kenneth D. Kaltenbach, PE	Transportation Modeling	a. TOTAL	b. WITH CURRENT FIRM
		47	43
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), University of Kentucky, 1971 MS (Civil Engineering), University of Kentucky, 1972		Professional Engineer: Florida, PE No. 23921	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Institute of Transportation Engineers, "FSUTMS/CUBE Tranplan Workshop," Florida Department of Transportation (2006); "Thinking Beyond the Pavement, Context Sensitive Design Workshop," University of Kentucky (2004); "Freight Modeling Workshop," Florida Department of Transportation (2002); "Travel Surveys," Kentucky Transportation Cabinet/FHWA (2002); "Congestion Performance Measures Workshop," Kentucky Transportation Cabinet/TTI (2003)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	I-95 HOT Congestion Mitigation Miami-Dade and Broward Counties, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2008	2009
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Lead Modeler. I-95 Express is a combined Bus Rapid Transit (BRT)/Managed Lanes project which converted the existing HOV lanes on Interstate 95 to limited-access, managed lanes from I-395 in Miami-Dade County to I-595 in Broward County creating a system approximately 24 miles in length. 95 Express is providing additional capacity by converting a single HOV lane into two High Occupancy Toll (HOT) lanes via the modification of existing travel lanes and shoulders.			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Regional Transportation Study Connecting Clay and St. Johns Counties, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2002	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. While this study examined regional transportation issues, it focused on the crossing of the St. Johns River, which divides Clay and St. Johns counties in Florida. The goal of the study was to establish whether there is a need to provide additional roadway capacity across the St. Johns River, and to quantify the level of demand in the 2025 target year. The Northeast Florida Regional Planning Model (NERPM) was used to assess the travel demand. The analysis showed that by 2025 there would be a large capacity deficiency for travel between the two counties.			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Transportation Statewide Traffic Planning Models Various Counties in Kentucky	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2006	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. This is a two-year, work order-based contract, development, calibration, and updating models for the Cabinet, counties, Metropolitan Planning Organizations, and corridor studies. Work involved in previous assignments include the Statewide model, and models for Lexington, Ashland, Paducah, Owensboro, and Radcliff/Elizabethtown.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SERPM Multi-Modal Travel Model Calibration Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. SERPM is a multimodal travel model covering Dade, Broward, and Palm Beach counties. A fully multi-modal model, SERPM has more than 4,000 TAZs and includes all of the highways and transit systems in the three MPO models, including a nested logit model for Metrorail, Metromover (Miami peplemover), Metrobus, Tri-Rail commuter rail, the Broward County bus system, the Palm Beach County bus system, a system of HOV lanes, and the Florida Turnpike.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Tri-County Travel Forecasting Model Ingham County, MI	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
Project Manager. The Tri-County Regional Planning Commission (TCRPC) retained Corradino to update its Travel Demand Model for the three-county region that consists of Clinton, Eaton and Ingham counties in Michigan. This study is complete and future transportation and land use alternatives have been tested and evaluated and the long range plan is complete and adopted.			

4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS			
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Southeast Florida Regional Planning Model 6.5 (SERPM)		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2005
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Project Manager. Corradino is retained by the Florida Department of Transportation (FDOT), District IV (Fort Lauderdale), to calibrate the Southeast Regional Planning Model (SERPM). SERPM is a multimodal travel model covering Dade, Broward, and Palm Beach counties that will be used by FDOT for the I-95/I-595 Major Investment Study.</p>			
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Regional Transportation Study Connecting Clay St. Johns Counties, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2000
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Project Manager. While this study examined regional transportation issues, it focused on the crossing of the St. Johns River, which divides Clay and St. Johns counties in Florida. The goal of the study was to establish whether there is a need to provide additional roadway capacity across the St. Johns River, and to quantify the level of demand in the 2025 target year. The Northeast Florida Regional Planning Model (NERPM) was used to assess the travel demand.</p>			
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	SR 9/Interstate 95 Project Development and Environment Study, Florida Department of Transportation District 5, Brevard County, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Lead Modeler. Corradino conducted a PD&E study for implementing managed lanes for I-95. Corradino's work in this project was to conduct Travel Demand Modeling for General Purpose and Special Use lanes, Revenue Estimation, Engineering and Planning Studies. Ken Kaltenbach's role is to develop travel demand forecasting models and traffic forecasts.</p>			
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Southeast Florida Regional Planning Model 7 (SERPM) Broward County, FL		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2011
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Project Manager. Corradino is retained by the Florida Department of Transportation (FDOT), District IV (Fort Lauderdale), to calibrate the Southeast Regional Planning Model (SERPM). SERPM is a multimodal travel model covering Dade, Broward, and Palm Beach counties. SERPM has more than 4,000 TAZs and includes all highways and transit systems in the three MPO models, including a nested logit model.</p>			
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED
	Florida Statewide Freight Model		PROFESSIONAL SERVICES
			CONSTRUCTION (if applicable)
			2003
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>Model Developer & Implemento. Mr. Kaltenbach acting as a subcontractor for another firm, Corradino developed a commodity-flow model for the FDOT Central Office. Ken developed all scripting and computer programming. The resulting freight model was able to estimate all highway, truck, rail, and air cargo movements in the state. It also created a highway truck assignment.</p>			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Austin P'Pool, PE, ENV SP	Civil Engineering/Infrastructure Design	a. TOTAL	b. WITH CURRENT FIRM
		16	5
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Civil Engineering), Georgia Institute of Technology, 2010		Professional Engineer Florida, No. 79111, 2015	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Society of American Military Engineers, Young Member; American Water Works Association, Member; National Society of Professional Engineers, Member; Water Environment Federation, Member; Florida Engineers Society, Member. 40-Hour Hazardous Waste Site Training Course, OSHA 29 CFR 1910.120(e)(3); 8-Hour Hazardous Waste Refresher Course, OSHA 29 CFR 1910.120(e)(8); 30-Hour Construction Safety and Health Training Course, OSHA 29 CFR 1926; Construction Quality Management for Contractors Certification, USACE.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade Water and Sewer Department - Design/Build 48-inch Force Main Improvements (S-899), Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager for the performance of professional services for the Rehabilitation of a 54-inch pre-stressed concrete cylinder pipe (PCCP) wastewater force main (FM). Being a current United States Environmental Protection Agency (USEPA) Wastewater Consent Decree (Project 4.8) project, the project consists of the rehabilitation of approximately 19,000-linear feet (LF) of the existing 54-inch PCCP FM (including the removal and replacement of varying lengths of the FM and installation of four MDWASD provided 54-inch inline replacement plug valves) that commences at the intersection of NW 2nd Street and NE 67th Avenue and ends at the intersection of NW 11th Street and NW 7th Avenue.		
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade Water and Sewer Department - Green Technology Corridor Project S-8 – Basin 30-0076, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager for the installation of 5,103-LF of 4-inch,6-inch,8-inch and 12-inch water mains connecting the new water mains to existing water main within the Green Tech Corridor, providing services to the front of the properties and proposing fire hydrants for water quality improvement, pressure and fire flow. Making 10 tapping and 5 solid sleeve connections to existing water mains.		
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade Water and Sewer Department - Green Technology Corridor Project S-8 – Basin 30-0073, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2018	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager for the installation of 10,020-LF of 4-inch,6-inch,8-inch and 12-inch water mains connecting the new water mains to existing water main within the Green Tech Corridor, providing services to the front of the properties and proposing fire hydrants for water quality improvement, pressure and fire flow. Making 14 tapping and 4 solid sleeve connections to existing water mains.		
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami Dade Water and Sewer Department - Sewage Pump Station No. 495 Upgrades, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2016	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager for the design (mechanical, civil, structural, and electrical) and permitting of the duplex submersible pumping system upgrades, existing wet well & valve vault rehabilitation, and associated discharge force main improvements for compliance with meeting a Nominal Average Pump Operating Time (NAPOT) of less than or equal to 10 hours per day as well as the regulatory required conditions of the governing United States Environmental Protection Agency (USEPA) Wastewater Consent Decree.		
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami-Dade Water and Sewer Department - Sewage Pump Station No. 1068 Upgrades, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Project Manager for the upgrade of Pump Station 1068 (PS 1068) was a complete replacement of the existing pump station and awarded under the Pump Station Improvement Program (PSIP). As the prime contractor, Corradino performed the engineering design for the		

4.2.4 Qualifications of the Project Team

	implementation of duplex submersible pumping system upgrades, wet well & valve vault replacement, and re-routing of new force mains to eliminate re-pumping of wastewater and for compliance with meeting a NAPOT of less than or equal to 10 hours per day.		
f.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Sewage Pump Station No. 1068 Upgrades, Miami-Dade Water and Sewer Department Cutler Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager/Engineer manages the design (mechanical, civil, structural, and electrical) and permitting of duplex submersible pumping system upgrades from 10 SP to 30 HP, wet well & valve vault replacement, and re-routing of new force mains to eliminate re-pumping of wastewater and for compliance with meeting a Nominal Average Pump Operating Time (NAPOT) of less than or equal to 10 hours per day. Services also include construction contract document preparation, regulatory permitting, pre-construction procurement assistance, and construction support services.			
g.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Sewage Pump Station No. 1067 Upgrades, Miami-Dade Water and Sewer Department Cutler Bay, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager design (mechanical, civil, structural, and electrical) and permitting of duplex submersible pumping system upgrades, wet well & valve vault replacement, and re-routing of force mains to eliminate re-pumping of wastewater and for compliance with meeting a Nominal Average Pump Operating Time (NAPOT) of less than or equal to 10 hours per day. Services also include construction contract document preparation, regulatory permitting, pre-construction procurement assistance, and construction support services.			
h.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Miami Dade Water and Sewer Department – Sewage Pump Station No. 399 Upgrades North Miami, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Manager for the design (mechanical, civil, structural, and electrical) and permitting of the triplex submersible pumping system upgrades, existing wet well & valve vault rehabilitation, and associated relocation of the existing auxiliary power generator for compliance with meeting a Nominal Average Pump Operating Time (NAPOT) of less than or equal to 10 hours per day.			
i.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Turning Earth Food Waste Composting Facility Southington, CT	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Reviewing Engineer for detailed design plans and stormwater designs for an approximately 12-acre food waste composting facility in Southington, CT to ensure local and state regulation compliance and overall constructability. Project responsibilities included ensuring the final detailed design complied with bulk zoning regulations, stormwater quality design requirements, stormwater management design requirements and erosion control regulations to locally permit the facility site plan.			
j.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Solar Development on Landfill and Brownfield Site Feasibility Study, Multiple Locations, NJ	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Project Engineer and Technical Lead for evaluation of over 400 landfill sites in the large power utility provider coverage area for feasibility of solar development. Project responsibilities included identifying, screening, and selecting sites for inclusion in the Solar-4-All program by evaluating landfill characteristics, construction considerations, permitting, environmental risks, security measures, loading capacity, and stormwater management to complete the feasibility studies.			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Caridad Mesa	Public Involvement	a. TOTAL	b. WITH CURRENT FIRM
		6	5
15. FIRM NAME AND LOCATION (City and State)			
The Corradino Group, Inc. – Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
BS (Journalism & Communication), FIU, 2010		N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
MOT Intermediate			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	Las Olas Boulevard Bridge Rehabilitation Project Broward County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Reconstruct bridge deck/ Replace bridge joints/ Install pedestrian & traffic railings/ Install aluminum sidewalk/ Paint bridge exterior & interior. Cost: \$5.8 million. Project Size: 0.564 miles			
b.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	NW 57 Avenue/West 4 Avenue/Red Road Roadway Reconstruction Project Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Widen roadway/ Install new drainage structures/ Update lighting & signalization/ Install & construct center median/ Construct sidewalks/ Install barrier wall/ Level driveways/ Repave & restripe roadway/ Update signage/ Enhance landscaping. Cost: \$38 million. Project Limits: West 23 Street to West 53 Street			
c.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	West Flagler Street Safety Enhancements Project Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Construct various new medians/ Repave & restripe roadway/ Replace existing pedestrian signal heads with pedestrian count-down signal heads/ Construct new pedestrian crossings with flashing beacons/ Construct pedestrian access ramps. Cost: \$1.8 million. Project Limits: West 72 Avenue to West 27 Avenue.			
d.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	SW 8 Street Roadway Project Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Repave & restripe roadway/ Upgrade signalization/ Install curb ramps/ Install new signage. Cost: \$1 million. Project Limits: SW 127 Avenue to Florida's Turnpike.			
e.	(1) TITLE AND LOCATION (County)	(2) YEAR COMPLETED	
	William Lehman Causeway Roadway Project Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Repave & restripe roadway/ Improve signalization/ Widen roadway/ Install guard rail, curb ramps & signs/ Extend bicycle lanes. Cost: \$2.6 million. Project Limits: Biscayne Boulevard to Collins Avenue			


4.2.4 Qualifications of the Project Team

19. RELEVANT PROJECTS				
f.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Public Information Area Manager Miami-Dade and Broward, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2015	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Oversees the outreach efforts performed by Corradino Public Information Officers in the Miami-Dade and Broward regions. She meets with FDOT Management Staff to discuss PIO initiatives and procedures, as well as billing and invoicing inquiries. She plans and develops Public Outreach/Public Involvement Plans, in accordance with the corresponding policies in each district.				
g.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Miami-Dade County Public Information Specialist, Florida Department of Transportation District 6, Miami, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2013	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Lead point of contact for public inquiries, outreach and updates pertaining to various district-wide miscellaneous construction projects in Dade County. She was responsible for dissemination of public information about the projects by means of press releases, fact sheets, door-to-door outreach, planning and executing public meetings, website/social media updates and community research.				
h.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Fort Lauderdale Regional Public Information Officer, Florida Department of Transportation District 4, Fort Lauderdale, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Handled public inquiries and outreach pertaining to the renovation of the Fort Lauderdale Las Olas Boulevard Bridge and the replacement of the Five Finger Bridges along Las Olas Boulevard. She was responsible for the dissemination of public information about the projects, by means of press releases, flyers, brochures, door-to-door contact, social media, planning and executing of public meetings, intake and logging of public concerns, and community research.				
i.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Communications & Special Events Coordinator City of Hialeah, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Played an integral role in the planning, promoting, coordination and execution of city-wide, departmental, and community events. She wrote press releases for the promotion of events and for breaking news, both city and departmental. She took photographs and video footage during events, and helped edit such footage, which would later be aired on local Hialeah TV station Channel 77, YouTube, Facebook, Twitter, and to be added as part of the sponsorship recap post-events. Ms. Gonzalez also helped write scripts for this film footage. She additionally wrote and sent 'Thank You' letters to sponsors post-events.				
j.	(1) TITLE AND LOCATION (County)		(2) YEAR COMPLETED	
	Public Affairs Intern, Univision 23 Doral, FL		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
			2009	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input checked="" type="checkbox"/> Check if project performed with current firm
Public Information Officer. Translated news updates, media advisories, and flyer/poster information about events and public engagements, from English to Spanish. She assisted with news-gathering and distribution process for material to be put on press releases. She maintained a contact database for all media and public relations outlets for the station, and for organizations that assisted with public affairs involvement.				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT


(Complete one Section E for each key person.)

12. NAME Carlos Cejas, PE		13. ROLE IN THIS CONTRACT Project Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 32	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State)  Gannett Fleming Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Civil Engineering MBA/Business Administration			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE: Florida - No. PE43893 (1991)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ethics Refresher Course for Lobbyists					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) General Planning Consultant Services, Miami-Dade County, FL, Miami-Dade TPO			(2) YEAR COMPLETED	
				PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer responsible for examining alternative alignments and the full spectrum of transit modes. Gannett Fleming is providing professional planning services to support the Miami-Dade MPO Secretariat's transportation planning process for the Miami urbanized area and regional efforts. The general planning services provided under this contract includes data collection, analysis and evaluation, corridor studies, travel demand forecasting, preparation maps, reports and presentations, and the development of the InteracTIP.			<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) General Transportation Planning & Traffic Engineering Studies, Miami Beach, FL, City of Miami Beach			(2) YEAR COMPLETED	
				PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Chief Engineer for this TMP intended to provide direction for the future of the City of Miami Beach's multimodal transportation system. Gannett Fleming supported the City in establishing the adopted 2035 Mode Share Vision that serves as a foundation for decisions to promote a more sustainable transportation environment. The development of the TMP included comprehensive existing conditions analysis and a wide-ranging bank of projects designed to tilt the mode split in favor of the adopted vision. The vision was supported through suggested policy changes and programs such as the creation of bicycle and pedestrian oriented corridors, and Pedestrian Priority Zones. This effort also included interagency coordination and public outreach. Multiple future projects included complete streets with the re-allocation of motorized vehicle spaces to transit, bicycles, pedestrians, loading, and/or landscaping/streetscaping.			<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant for Modal Development Office, Miami-Dade County, FL, FDOT District 6			(2) YEAR COMPLETED	
				PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Deputy Project Manager for this overall contract that includes serving as an advisor, administrative and technical consultant to FDOT District 6 on a work-order basis for a wide range of technical capabilities including project management, scope and RFP development, concept plans, multi-modal documents and plans review, vehicle inspection support, various freight studies, and advancing freight, rail, and transit modes of transportation.			<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) Districtwide Modal Development Consultant Services, Various Counties, FL, FDOT District 4			(2) YEAR COMPLETED	
				PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager and Chief Engineer responsible for providing technical assistance and task management for this general engineering consultant contract for miscellaneous preliminary engineering/project development services. Related tasks included the development of a freight implementation plan, seaport upgrade cost estimates, greenways and bicycle routes planning studies, multimodal scoping forms, traffic counts, transit and traffic forecasting, park-and-ride conceptual design and demand forecasting, and other freight planning support.			<input checked="" type="checkbox"/> Check if project performed with current firm	

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Alan Brick-Turin, PE, PMI-RMP	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 43	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State)  Gannett Fleming Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Civil Engineering MA/History		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE: Florida - No. 39031 (1987) PMI Risk Management Professional (PMI-RMP): Project Management Institute - No. 2563194 (2019)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			


19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if appl.)
a.	General Planning Consultant Services, Beach Corridor Transit Study, Miami-Dade County, FL, Miami-Dade TPO	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer and Outreach Coordinator for the study of a new transit connection between Miami and Miami Beach. This study examined enhancements to the previous recommendations that were met with strong opposition from many groups. Worked with elected officials at the city and county level, the objective is to achieve consensus on the "right" solution and detailed concept planning to enable a full evaluation of the costs, benefits, and impacts.		
b.	North/Middle Beach Transit Planning Study, Miami Beach, FL, City of Miami Beach	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Transportation Engineer for developing concept for a high-quality, resident and visitor-based transit service to connect the North and Mid-Beach sections of Miami Beach. Conducted survey of neighborhood residences and hotels to establish potential demand for new service. Refined the City's plans for a route to include selected, high-demand facilities and optimized route structure to serve the desired sections of the city while minimizing travel time and operational costs. Formulated alternative plans for operation of the service including use of Miami-Dade Transit vehicles and drivers, a new City-run service, and the use of a private turnkey vendor.		
c.	General Engineering Consultant Multimodal 2016, Strategic Miami Area Rapid Transit Plan General Engineering Consultant, Miami-Dade, FL, FDOT District 6	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Program Manager for the study and planning of three rapid transit corridors in Miami-Dade County. Coordinates activities between the corridor consultants, public agency partners, and the general public to make certain of a coordinated and consistent approach to each study. Organizes and leads working sessions with various corridor project teams to establish standards for such diverse issues as system-wide rail operations, BRT station configuration, unique street-running rail operations, coordination between future land use and transit improvements, and connected and autonomous vehicle alternatives. Established standard practices and procedures to promote uniformity across the entire \$8.5 billion program.		
d.	Districtwide Modal Development Consultant Services, Various Counties, FL, FDOT District 4	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Developed white paper and presentation to inform FDOT personnel on the complexities of delivering major transit improvements and infrastructure in an environment of extensive inter-agency collaboration, as well as in addressing potential concerns of the affected public as the project advances toward and through construction.		
e.	Statewide Policy Planning, Tallahassee, FL, FDOT Central Office	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Planner for investigating information and analyzing proposed policies, rules, and guidelines being developed by the Federal Transit Administration and the Federal Highway Administration with respect to the Federal Transportation Legislation and funding regulations and procedures. Prepared summaries of metropolitan planning, statewide planning, management systems, and related procedures for dissemination to the FDOT staff and provided assistance in bringing Florida's planning practices in line with these pieces of broad-reaching legislation.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT


(Complete one Section E for each key person.)

12. NAME Alina Fernandez, PE		13. ROLE IN THIS CONTRACT Project Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 20	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State)  Gannett Fleming Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE: Florida - No. PE60714 (2004) Advanced Maintenance of Traffic Control Certification: Florida Department of Transportation (2008)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Specifications Package Preparation Training for Consultants; Long-Range Estimates Users Training; Design Exceptions and Variations Workshop; Roundabouts Design Training					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant for Modal Development, Miami-Dade County, FL, FDOT District 6		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Owner's Rep/Plans Reviewer for this contract that includes serving as an advisor, administrative and technical consultant to FDOT District 6 on a work-order basis for a wide range of technical capabilities including project management, scope and RFP development, concept plans, multimodal documents and plans review, various freight studies, and advancing freight, rail, and transit modes of transportation.					
b.	(1) TITLE AND LOCATION (City and State) Districtwide Miscellaneous Professional Engineering Design Consultants, Districtwide, FL, FDOT District 6		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager and EOR for this task work order contract providing misc. engineering design services. The scope of the projects involves milling, resurfacing and minor widening of the road, signing, pavement markings, lighting, signalization, drainage and maintenance of traffic, preparation of design exception and variation documents, Americans with Disabilities Act (ADA) improvements, and coordination of work efforts with adjacent projects.					
c.	(1) TITLE AND LOCATION (City and State) Districtwide Plans Review, Districtwide, FL, FDOT District 4		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for this task work order based contract to support district performing contract document submittal reviews in areas of roadway, drainage, lighting, signing, pavement marking, signalization, ITS, and structures for initial engineering, constructability, and biddability submittals. Scope includes verification of adherence to FDOT criteria and procedures, quality of deliverables, consistency and accuracy of pay items and quantities, and overall technical soundness of all design documentation.					
d.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant Contract A, Miami- Dade County, FL, Miami-Dade Expressway Authority (MDX)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Owner's Rep/RFP Preparation for project that includes providing general engineering services on a task work order basis. Scope of work for the different tasks included development of Preliminary Engineering Reports (PER), conceptual plans and RFP language.					
e.	(1) TITLE AND LOCATION (City and State) Professional General Engineering and Architectural Services, City of Doral		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for this task work order based contract providing general planning and design engineering services. Scope includes preparation of plans, technical reports and contract documents for various improvements within the City. Major projects include: Full Reconstruction and widening of NW 82nd Ave from NW 25 St. to NW 33 St., Trolley Infrastructure Improvements consisting of upgrading transit facilities for several stops along the trolley routes, and Milling and Resurfacing improvements along NW 114 Ave.					

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT


(Complete one Section E for each key person.)

12. NAME Alexandra Lopez, PE		13. ROLE IN THIS CONTRACT Project Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 8	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State)  Gannett Fleming Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Civil Engineering MS/Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE: Florida (Civil) - No. PE80528 (2016)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Systems Engineering for ITS Workshop; Introduction to Systems Engineering; Network Design and Deployment Considerations for ITS Managers and Professionals; Telecommunications and Network Fundamentals; ITS Facility Management (FM) Maintainer Training; Travel Time (Vehicle Probe Data); Intermediate Maintenance of Traffic; Trade and Logistics Academy; Traffic Signal Systems Fundamentals; Traffic Signal Timing					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant, Miami-Dade County, FL, FDOT District 6		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer for this overall contract that includes serving as an advisor, administrative consultant, and technical consultant to FDOT District 6 on a work-order basis through a Master Services Agreement for a wide range of technical capabilities including project management, scope development, multi-modal documents and plans review, vehicle inspection support, various freight studies, and advancing freight, rail, and transit modes of transportation. Our firm also provides in-house support as an extension to FDOT staff.			<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Districtwide ITS Support, Miami-Dade County, FL, FDOT District 6		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer supporting FDOT District 6 Transportation System Management and Operations (TSM&O) program, including preparing ITS technical requirements, assisting in various technology evaluations, ITS maintenance documentation support, and coordination for the SR 826/I-75 Express Lanes project.			<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Districtwide Traffic Operations Safety Studies, ITS Services, Broward County, FL, FDOT District 4		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ITS Engineer assisting with a qualitative assessment to determine the feasibility of installing "No Parking" signs for trucks along the E 25th Street roadway segment from E 4th Avenue to E 5th Avenue. The study involved reviewing the existing conditions, conducting a site review, and developing recommendations in a memorandum. Additionally, the project involved assisting with the sight distance and crash analysis at the intersection of SR 736/Davie Boulevard and the I-95 southbound off-ramp to remove a "No Turn on Red" sign for the ramp. The study involved reviewing the existing conditions, analyzing three-year recorded crash data, preparing collision diagrams, conducting a site review and measurements, reviewing the sight distance on the I-95 SB off-ramp approaching SR 736/Davie Blvd, and developing recommendations in a memorandum.			<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Districtwide Plans Review Support Services, Broward and Pam Beach, FL, FDOT District 4		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ITS Engineer responsible for assisting a wide range of engineering and technical services to assist in bringing to completion, as expeditiously as possible, various projects for District 4. Responsible for providing initial engineering, constructability, biddability, and miscellaneous quality assurance reviews related to transportation facilities. Services provided include verification of adherence to FDOT criteria, design/plans review of roadway, signing and pavement marking, signalization, lighting, landscaping, ITS, architectural and structural plans, transportation studies review and preparation, pay items and quantities calculations review, project cost estimates review and preparation, technical special provisions and modified special provisions, review and preparation, and other engineering services.			<input checked="" type="checkbox"/> Check if project performed with current firm		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Martin Benzaquen, PE, ENV SP		13. ROLE IN THIS CONTRACT Project Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 20	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION (City and State)  Gannett Fleming Miami, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Civil Engineering MS/Civil/Transportation Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE: Florida - No. 64000 (2006), Exp. 02/28/2021; Florida Advanced Maintenance of Traffic Certification: American Traffic Safety Services Association – No. 51113 (2019); FDOT CTQP Quality Control Manager: No. B52257074 (2008); Qualified Stormwater Management Inspector: Florida Department of Environmental Protection - No. 27970 (2012); Envision Sustainability Professional (ENV SP): Institute for Sustainable Infrastructure (2013)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					


19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if appl.)
a.	Tri Rail Northern Layover, Wave Streetcar Program Management Support, West Palm Beach, FL, South Florida Regional Transportation Authority	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager on preparing the request for proposal (RFP) package to procure a design-build Finance Firm for this \$36 million project consisting of re-aligning the South Florida Rail Corridor mainline, new crew building, service and inspection pits, car wash facility, noise wall, layover tracks, signal work and utility/permit coordination. Scope includes reviewing preliminary design, RFP and specifications package, inter-local agreement, schedule, and cost estimates.		
b.	Tri Rail Iris and Northwood connections, Wave Streetcar Program Management Support, Miami and West Palm Beach, FL, South Florida Regional Transportation Authority (SFRTA)	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager on representing SFRTA on this design-build project that consists on linking the South Florida Rail Corridor and the Florida East Coast Corridors. In charge of monitoring day to day design-build activities and construction management consultant activities. Scope includes a new track siding, cross overs, turnouts, signal work and the safety and security certification of the project.		
c.	SR 836 Construction Engineering and Inspection Services, Miami, FL, Miami-Dade Expressway Authority	2016	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer responsible for providing construction engineering and inspection services for the SR 836 (Dolphin Expressway) extension project. The project includes the installation of open road toll infrastructure on SR 836, roadway widening, milling and resurfacing, relocation of a fiber-optic cable, lighting, signing, and pavement markings.		
d.	The Wave Modern Streetcar, Fort Lauderdale, FL, South Florida Regional Transportation Authority	2016	2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for this \$195 million project consisting of the design and construction of a modern streetcar in downtown Fort Lauderdale. The scope of work includes the procurement of new vehicles, design and construction of vehicle and storage maintenance facility, catenary system, utility relocation, track installation, and the retrofit of a bascule bridge over the New River on 3rd Avenue. Project partners include the City of Fort Lauderdale, Broward County, the Broward Metropolitan Planning Organization, FDOT, the Fort Lauderdale Downtown Development Authority, and the Federal Transit Administration that contributed to the project with federal grants.		
e.	I-75 Alligator Alley Safety Improvements, Broward and Collier Counties, FL, FDOT	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Project Engineer for this \$5 million project that included the installation of infrastructure and ITS systems to enhance the driver's safety on the I-75 alley.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ray Stauffer, PE		13. ROLE IN THIS CONTRACT Senior Structures Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 33	b. WITH CURRENT FIRM 33
15. FIRM NAME AND LOCATION (City and State)  Gannett Fleming Camp Hill, PA					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS/Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE: Florida - No. PE67092 (2007)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Graduate Courses in Civil (Structural) Engineering; LRFD Seminars on Prestressed Concrete Girders, Steel Design, and Bridge Structure; Completion of the Gannett Fleming/Penn State University Project Management Certificate Program; Completion of the Fatigue and Fracture Design of Steel Structures Training					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Design Services for SR 5/US 1 from SR 862/I-595 to N. of SR 42/Broward Blvd, Henry E. Kinney Tunnel Rehabilitation, Fort Lauderdale, FL, FDOT District 4		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structures Engineer for the design of the rehabilitation of Henry E. Kinney Tunnel along SR 5/US 1 crossing under Las Olas Blvd and the New River in Downtown Fort Lauderdale. The scope includes inspection and testing of the tunnel per FHWA's National Tunnel Inspection Standards (NTIS) for rehabilitation of structural, mechanical, electrical, fire and life safety. Also included in the scope is the replacement of the tunnel lighting and installing ITS between Broward Blvd and I-595 to be integrated with the Department's SunGuide software used at the Broward Regional Traffic Management Center (TMC). The project also includes the design of an extension of the tunnel roof to the north to for a landscaped pedestrian plaza under a Local Funds agreement with the City of Fort Lauderdale. Other improvements include roadway, drainage, signing and pavement markings, geotechnical engineering, utility coordination, and community/public involvement.		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) Design-Build for SR 836 Extension From NW 107th Avenue to NW 137th Avenue, Miami-Dade County, FL, Miami-Dade Expressway Authority (MDX)		(2) YEAR COMPLETED		
c.			PROFESSIONAL SERVICES 2007	CONSTRUCTION (if appl.) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Project Engineer for conceptual design, final design, and construction support services for the \$140 million extension of S.R. 836 in south Florida. The design-build project included a new mainline roadway, reconstruction of 107th and 137th Avenues, 10 bridges, retaining walls, sign structures, and sound barriers. Major bridges consisted of curved steel box girders with depths of 99 inches and spans up to 300 feet. With limited areas for pier locations, support elements became complex. Final support configuration consisted of integral steel box cross girders, used to maintain vertical clearance over existing NW 12th Street and the adjacent CSX railroad, supported by single concrete columns. Superstructures were designed using 3D finite element analyses. The project scope also included on-site construction quality control.		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Bridges of the Isles and Sunrise Key Bridge Replacements Design-Build Services, Broward County, FL, FDOT District 4		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (if appl.) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Project Engineer for this design-build project, including the replacement of five low-level structurally deficient and functionally obsolete bridges in the affluent community of Las Olas, Fort Lauderdale. Four bridges connect the Nurmi Isles finger islands with Las Olas Boulevard, and the fifth bridge connects NE 6th Court on the mainland with Sunrise Key. The four Nurmi Isles Bridges are in a historic district and required a context-sensitive design solution that incorporated signature architectural and aesthetic components into the replacement bridges. All five bridges provide single points of access to residential finger islands; therefore, the design incorporates multi-phased demolition and construction. This project also employed accelerated bridge construction techniques using precast superstructure and substructure elements.		<input checked="" type="checkbox"/> Check if project performed with current firm		
	(1) TITLE AND LOCATION (City and State) General Engineering Consultant Contract A, Miami-Dade County, FL, Miami-Dade Expressway Authority		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Engineer for technical review of design-build teams proposals for the reconstruction of the I-95/I-395/SR 836 interchange, with an estimated construction cost of \$802 million. This public-private partnership (P3) project is a partnership between the Florida Department of Transportation and the MDX, and involves three projects (I-395 improvements, SR 836 improvements, and the I-95 concrete replacement) that will be constructed concurrently. Responsibilities included review of the technical proposal plans for the SR 836 corridor. The SR 836 improvements limits are from Northwest 17 Avenue to the Midtown Interchange. This project is a continuation of MDX's work program to modernize the SR 836 corridor.		<input checked="" type="checkbox"/> Check if project performed with current firm		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Kathrin Tellez, AICP	Transportation Planning	A. TOTAL 21	B. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State)			
Fehr & Peers (Orlando, FL)			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
University of California, Los Angeles (MA in Urban Planning – Transportation) University of California, Los Angeles (BA in Geography/Environmental Studies)		American Institute of Certified Planners (AICP), #019416 Professional Transportation Planner (PTP), #98	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
Kathrin is a Principal in Fehr & Peers' Orlando office with over twenty years of experience in transportation impact assessment, transportation demand management, integrated transportation/land use planning, site plan review, pedestrian and bicycle planning, and parking studies. She has overseen the development and application of multiple travel demand models, and has conducted transportation impact analyses for major residential and commercial development projects, including regional parks, schools, medical centers, and university campuses, including evaluating projects effects on intersection, roadway and freeway operations, and bicycle, pedestrian and transit systems, as well as vehicle miles of travel.			
19. RELEVANT PROJECTS			
a. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
Forward Pinellas Vision Zero (Pinellas County, FL)	Ongoing	n/a	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if performed with current firm	
Fehr & Peers is working closely with Forward Pinellas to prepare an MPO-led Vision Zero Plan for Pinellas County. Forward Pinellas' role as a metropolitan planning organization provides a unique, regional opportunity to organize and activate partner agencies, local stakeholders, and community groups around Vision Zero. However, because Forward Pinellas is not an operating or implementing agency, achieving buy-in from partner agencies that operate, maintain and build transportation facilities in the county will be essential. The project approach is tailored to bring stakeholders together, build and train a Vision Zero Task Force, and empower member agencies to become enduring champions of Vision Zero. Public outreach includes capacity building sessions for task force members, pop-up events, and demonstration projects. A Vision Zero Action Plan with a toolbox out countermeasures, and funding strategies is also being developed. Cost: \$225,363 Role: Project Manager			
b. (1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	
Ringling College of Art and Design Master Plan (Sarasota, FL)	Ongoing	n/a	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if performed with current firm	
Kathrin oversaw Fehr & Peers involvement with the Ringling College of Art and Design Master Plan. Our primary role was to document existing parking demand and project future parking demand under a number of different campus buildout scenarios. Key factors in our recommendations included identifying parking options that minimized conflicts between vehicles and other roadway users – primarily pedestrians and bicyclists – and were equitable to all campus users, as implementing paid parking for all employees without identifying reliable alternative travel modes to the campus could have large impact on some segments of the campus workforce. As part of our role, we also identified strategies to facilitate remote parking on the west side of Tamiami Trail			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

with appropriate pedestrian connections. Fehr & Peers also helped facilitate a number of all-day stakeholder workshops to solicit feedback and present results throughout the course of the project.

Cost: \$ 47,760 | Role: Principal-in-Charge

c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Downtown Pleasanton Parking Management Program (Pleasanton, CA)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	Kathrin worked with the City of Pleasanton to develop a Downtown Parking Strategy and Implementation Plan. The City of Pleasanton has experienced high levels of parking demand within the downtown area over the past few years. With limited on-street parking spaces available on Main Street, the majority of downtown parking is located in either public or private parking lots behind the Main Street corridor. The goal of the study was to describe the existing travel and parking behaviors within the downtown core and identify near-term and long-term solutions to align parking supply and demand. Kathrin managed the team and helped the City identify parking demand and supply management strategies that could be implemented in the immediate, near-term and longer-term conditions, as well as the expected resource commitment.		
	Cost: \$97,115 Role: Project Manager		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Concord Reuse Plan (Concord, CA)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	Kathrin managed Fehr & Peers' tasks to support a Specific Plan for the implementation of the Concord Reuse Plan. As part of Fehr & Peers role, Kathrin's team refined the Contra Costa Transportation Authority (CCTA) travel model within the project area. She oversaw the evaluation of various roadway layouts and land use configurations, with a goal of developing a site plan that minimized the number of 4+ lane roadways within the site, and minimized the vehicle miles of travel (VMT) on a per capita basis. New transit routes were coded into the network to reflect the planned transit within the project, and other adjustments were made to reflect lower parking standards adjacent to the North Concord BART station, as well as the proposed Class IV bicycle network, and proposed pedestrian connectivity. Using the CCTA model, the team evaluated the project's impact on VMT at a citywide and regional level. Preliminary results indicate that the Concord Reuse Plan would contribute to declining VMT on a per capita basis, not only within the City of Concord, but on a regional basis.		
	Cost: \$410,095 Role: Project Manager		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Transportation Demand Management Strategic Plan (Walnut Creek, CA)	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		Ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	The TDM Strategic Plan will provide the City of Walnut Creek with a road map for fully realizing its goals to decrease dependency on single-occupant vehicles, coordinate transportation and land use decisions, and consider all travel modes. Integration of TDM strategies with mobility and transit improvements, coupled with comprehensive consideration of the City's programs and policies that affect its transportation network, will enable the City, its partner agencies, and other stakeholders to effectively work together to achieve their common goals. To accomplish this, the TDM Strategic Plan integrates three distinct but interrelated transportation planning efforts: TDM for developers and employees, increased mobility, and transit first. Public outreach included pop-up events, stakeholder group presentations, and development of a project web site that was used to generate interest from the public and solicit feedback, and disseminate information. For additional information, please see http://www.rethinkingmobilitywc.com/ .		
	Cost: \$267,112 Role: Principal-in-Charge		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Matthew Ridgway, AICP, PTP	Transportation Planning	A. TOTAL 30	B. WITH CURRENT FIRM 26
15. FIRM NAME AND LOCATION (City and State) Fehr & Peers DC (Washington, DC)			
16. EDUCATION (Degree and Specialization) B.A. in Urban Studies, San Francisco State University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) ITE Professional Transportation Planner (80) American Institute of Certified Planners (011694)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Matthew Ridgway has been involved in many of Fehr & Peers' highest visibility and most complex land use-transportation and multi-modal projects. His key strength is his broad background and multi-modal approach. Many of these projects have involved the development of tools for assessing unique performance measures and design of innovative transportation facilities. Matthew founded Fehr & Peers' San Francisco office in 2000 and established Fehr & Peers DC in 2015. He has contributed to a number of national publications.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	M-NCPPC Tools Improvement Project (Montgomery County, MD)	PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	<p>Fehr & Peers DC led a team to develop an improved system for measuring Montgomery County's transportation system performance and prepare a strategic plan for incorporating recommended improvements to the current modeling framework. Matthew acted as Principal in Charge as Fehr & Peers DC collaborated with Maryland-National Capital Park and Planning Commission staff to develop a suite of multimodal transportation performance measures that address the County's stated land use and transportation goals. Although a thorough compilation of the County's policy and planning documents revealed that the County's goals embrace all aspects of a multimodal transportation system, the County had not yet deployed the metrics and tools needed to evaluate how land use and transportation decisions affect those goals.</p> <p>Fehr & Peers DC recommended a package of innovative performance measures to fill the gaps between goals and practice, including metrics for people driving, taking transit, biking, and walking, such as: multimodal person delay, bicyclist comfort-based accessibility, and vehicle miles traveled (VMT) per person trip. Fehr & Peers DC prepared a case study application of the metrics to the Bethesda Downtown Plan to help illustrate the approach for the Planning Board and to test the capability of the County's current modeling and transportation analysis tools to compute the metrics. Fehr & Peers DC has reviewed the County and MPO travel demand models as well as several alternatives to inform a strategic plan with near-, mid-, and long-term recommendations for the County's approach to maintaining in-house travel demand modeling and transportation analysis resources. Cost: \$91,000 Role: Principal-in-Charge</p>		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Autonomous Vehicles & Equity Applied Research (Washington, DC)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	<p>Led by Matthew as Principal in Charge, Fehr & Peers DC will build upon its existing MCOG automated vehicle (AV) modeling tests to assess the equity impacts of four AV futures: Single Occupancy with Limited Transit (Dystopia), Single Occupancy with Enhanced Transit, Shared AVs with Limited Transit, and Shared AVs with Enhanced Transit (Utopia). Scenarios will be evaluated based on a range of performance measures, including job accessibility, trip duration and distance, and person trip cost, and results will be</p>		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

based on location in order to understand how predominantly low-income and/or minority communities are impacted by the implementation of AVs. Cost: \$76,000 | Role: Principal-in-Charge

c. (1) TITLE AND LOCATION <i>(City and State)</i> Detroit Downtown Plan <i>(Detroit, MI)</i>	(2) YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION <i>(if applicable)</i></th> </tr> <tr> <td>2018</td> <td>n/a</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2018	n/a
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2018	n/a					
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm Fehr & Peers DC, with Matthew as Project Manager, was part of a team with MKSK Studios to develop a Downtown Detroit Transportation Study. The intent of the project was to enhance multimodal circulation options by organizing streets and performance measures using the layered network concept; and develop a curbside management and parking strategy. The project was conducted in coordination with the City of Detroit, the regional planning agency – the Southeast Michigan Council of Governments (SEMCOG), and the Michigan Department of Transportation (MDOT). Fehr & Peers DC made robust recommendations for transit, bicycle, pedestrian and auto networks. A major theme of the work was to use the existing Detroit People Mover as a walk shed extender and to create a series of walkable neighborhoods by in-filling underdeveloped and undeveloped parcels with a diverse mix of land uses. Fehr & Peers DC is currently working to extend the modal networks and performance measures analysis to the entire City of Detroit under a separate contract. Cost: \$96,335 Role: Project Manager						
d. (1) TITLE AND LOCATION <i>(City and State)</i> Alameda Countywide Multimodal Arterial Plan <i>(Alameda County, CA)</i>	(2) YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION <i>(if applicable)</i></th> </tr> <tr> <td>2014</td> <td>n/a</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2014	n/a
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2014	n/a					
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm Fehr & Peers led a multidisciplinary team in the development of a first-of-its-kind Countywide Multimodal Arterial Plan for Alameda County. This plan is unique in that it relies on a quantitative, data-driven and highly technical approach to identify short- and long-term multimodal improvements along a 1,200 mile Arterial Network. The project components that provided the technical basis for identifying a multitude of recommended improvements included Data Collection, Typology, Modal Priorities and Multimodal Performance Measures and Objectives. Fehr & Peers built a powerful GIS Tool that incorporated all these components and automated the process of identifying improvements, in addition to generating cross-sectional 3D graphics that illustrate those improvements. Fehr & Peers also led the stakeholder outreach for the project, which consisted of meeting with staff of all 14 cities, Alameda County, Caltrans and three transit agencies. Cost: \$800,000 Role: Project Manager						
e. (1) TITLE AND LOCATION <i>(City and State)</i> DDOT Cycletrack <i>(Washington, DC)</i>	(2) YEAR COMPLETED <table border="1"> <tr> <th>PROFESSIONAL SERVICES</th> <th>CONSTRUCTION <i>(if applicable)</i></th> </tr> <tr> <td>Ongoing</td> <td>n/a</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	Ongoing	n/a
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
Ongoing	n/a					
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm Fehr & Peers DC is on a team providing guidance to and working with DDOT in implementation of three major protected bikeway projects, in the areas of Eastern Downtown, Crosstown, and Downtown West Washington, DC. For the Eastern Downtown area, we are focusing on a 1.6 mile corridor on 6th and 9th Streets NW from Florida Ave NW to Pennsylvania Ave NW. Our Crosstown study focuses on the 1 mile stretch of Irving Street between Michigan Ave NE to Warder St NW, the .8 mile corridor on 5th St and Park Pl NW from Grant Circle to Kenyon St NW, and the .8 mile stretch along 7th St NW and Warder St NW from Columbia Rd to New Hampshire Ave NW. For our final project in Downtown West, we are leading development of conceptual design plans for a 1.5 mile corridor on 20th, 21st and 22nd Streets NW between Florida Ave NW and Constitution Ave NW. Cost: \$178,000 Role: Project Manager						

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Alex Rixey, AICP	Transportation Planning	11	8

15. FIRM NAME AND LOCATION (City and State)
Fehr & Peers DC (Washington DC)

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
University of Virginia (B.S. in Systems Engineering and Economics)	American Institute of Certified Planners (026745)
University of California, Los Angeles (M.A. in Urban Planning – Transportation Planning)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Alex has diverse experience gathering, analyzing, and visualizing transportation data for projects involving travel demand modeling, transportation and parking studies, master plan and mobility element development, and bikeshare system planning, with an emphasis on analyzing the effects of built environment and demographic characteristics on demand for all travel modes. Alex is proficient in the use of SAS, SPSS, and ArcGIS software, and has combined his passions for quantitative analysis and bicycling by developing a station-level bike sharing ridership model. In the transit space, he combined General Transit Feed Specification (GTFS) data with cellphone-based big data to pilot an innovative transit market analysis methodology. Alex has also recently worked to develop multimodal transportation performance measures that incorporate land use, transportation, and accessibility factors for auto, transit, bicycle, and pedestrian modes as alternatives to the traditional Level of Service metric.

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	Lime GHG Analysis (Global)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	Fehr & Peers DC is collaborating with Lime to conduct a global study of user behavior from all of Lime's nearly 100 markets in North and South America, Europe, the Middle East, Southeast Asia, Australia, and New Zealand. Fehr & Peers is providing guidance on survey sampling and survey instrument design and leading development of a disaggregate, regression-based predictive model of Lime user behavior. Fehr & Peers is integrating Lime system data regarding Lime user travel patterns and Lime vehicle locations with multimodal mobility data, socioeconomic data, built environment data, and OpenStreetMap-derived destination data to develop a comprehensive dataset for statistical analysis. Applying insights from our previous dockless and dock-based bike share forecasting efforts, Fehr & Peers is developing a quantitative forecasting model to understand the drivers of Lime user behavior and predict Lime system use. Budget: \$55,000 Role: Project Manager & Forecasting Lead		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	DDOT Curbside Asset Management (Washington, DC)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if performed with current firm		
	Fehr & Peers DC supported the development of a request for proposals (RFP) for the District Department of Transportation's (DDOT) Regional Multimodal Curbside Asset Management Services. The team helped DDOT procure services for the next generation of curbside asset management in the District of Columbia, including parking payment infrastructure, transit fare collection equipment, and bike parking. Services include existing conditions analysis; market research; assessments of the procurement's policy, community engagement, and technology integration needs; and technical support in evaluating contractor proposals. Fehr & Peers		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

DC conducted an extensive interview process to understand the current metered parking operations and solicit feedback from a multitude of curbside management stakeholders. We also conducted market research by interviewing peer jurisdictions across the country as well as parking and curbside management technology, equipment, and services vendors to assess the curbside management solutions available in the marketplace. Fehr & Peers DC also identified community outreach and environmental justice elements for inclusion in the procurement document. Fehr & Peers DC will support review of the submitted proposals for the Regional, Multimodal Curbside Asset Management Services solicitation.

Budget: \$173,000 | Role: Fehr & Peers' Project Manager

<p>c. (1) TITLE AND LOCATION <i>(City and State)</i></p> <p>Downtown Dallas 360 Plan Update <i>(Dallas, TX)</i></p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="99 525 1513 667"> <p>PROFESSIONAL SERVICES</p> <p>2017</p> </td> <td data-bbox="99 525 1513 667"> <p>CONSTRUCTION <i>(if applicable)</i></p> </td> </tr> </table>		<p>PROFESSIONAL SERVICES</p> <p>2017</p>	<p>CONSTRUCTION <i>(if applicable)</i></p>
<p>PROFESSIONAL SERVICES</p> <p>2017</p>	<p>CONSTRUCTION <i>(if applicable)</i></p>			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if performed with current firm</p> <p>The City of Dallas and Downtown Dallas, Inc. undertook an update to the Downtown Dallas 360 plan to address issues of walkability, mobility, and urban design, among others. Fehr & Peers DC collaborated with Moore, Iacofano and Goltsman, Inc. to recommend Urban Mobility Principles, a Street Typology, and Signature Corridor design concepts to enhance streetscapes and mobility in Downtown Dallas. Fehr & Peers DC conducted the first small area validation of the North Central Texas Council of Governments' regional travel demand model to reflect conditions in Downtown, using origin-destination big data from StreetLight to make significant adjustments to model trip lengths and travel patterns within and to Downtown. The validated model enabled Fehr & Peers DC's analysis of the effects of the land use and transportation network changes proposed in the Downtown Dallas 360 update.</p> <p>Cost: \$120,000 Role: Project Manager</p>				
<p>d. (1) TITLE AND LOCATION <i>(City and State)</i></p> <p>City of LA Mobility Element Phase 2 <i>(Los Angeles, CA)</i></p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="99 1018 1513 1161"> <p>PROFESSIONAL SERVICES</p> <p>2016</p> </td> <td data-bbox="99 1018 1513 1161"> <p>CONSTRUCTION <i>(if applicable)</i></p> </td> </tr> </table>		<p>PROFESSIONAL SERVICES</p> <p>2016</p>	<p>CONSTRUCTION <i>(if applicable)</i></p>
<p>PROFESSIONAL SERVICES</p> <p>2016</p>	<p>CONSTRUCTION <i>(if applicable)</i></p>			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if performed with current firm</p> <p>Fehr & Peers and the City of LA pioneered a layered network concept for complete streets. Recently described in an ITE Recommended Practice for Planning Urban Roadway Systems, this approach is particularly well suited to built out cities like Los Angeles. Enhancements include peak period bus lanes on transit enhanced streets, buffered bike lanes on bicycle enhanced streets, and signal coordination on vehicle enhanced streets. The Fehr & Peers team also helped to translate this transformative mobility vision into on-the-streets implementation. We helped prepare the Complete Streets Design Guide that identifies improvements associated with street priorities and addresses the disconnect between mobility goals and existing street standards. We led the environmental process to support plan adoption, including leverage the City's innovative Travel Demand Model we developed to quantify performance measures that show environmental and mobility benefits, including an innovative application of the vehicle miles traveled (VMT) metric.</p> <p>Cost: \$938,000 Role: Transportation Analysis Lead</p>				
<p>e. (1) TITLE AND LOCATION <i>(City and State)</i></p> <p>Richmond Highway BRT <i>(Fairfax, VA)</i></p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="99 1575 1513 1717"> <p>PROFESSIONAL SERVICES</p> <p>2018</p> </td> <td data-bbox="99 1575 1513 1717"> <p>CONSTRUCTION <i>(if applicable)</i></p> </td> </tr> </table>		<p>PROFESSIONAL SERVICES</p> <p>2018</p>	<p>CONSTRUCTION <i>(if applicable)</i></p>
<p>PROFESSIONAL SERVICES</p> <p>2018</p>	<p>CONSTRUCTION <i>(if applicable)</i></p>			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if performed with current firm</p> <p>As a part of the Program Management team, Alex has been leading travel forecasting. This analysis begun with the use of StreetLight Data to define the travel markets. This data was also used to adjust/validate O-D data in the regional MCOG model and to inform STOPS modeling that has been coordinated with FTA.</p> <p>Cost: \$164,135 Role: Travel Forecasting Lead</p>				

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Juan Mullerat	13. ROLE IN THIS CONTRACT Planner	14. YEARS EXPERIENCE a. TOTAL 20 b. WITH CURRENT FIRM 9	
15. FIRM NAME AND LOCATION (City and State) PlusUrbia Design, 1385 Coral Way, Miami, FL 33145			
16. EDUCATION (Degree and Specialization) University of Miami: Master of Architecture 2004 Master of Urban Design 2004 University of North Carolina at Charlotte: Bachelor of Arts in Urban Studies 2000 Bachelor of Arts in Architecture 1999		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) APA National Economic Development Plan Award: Wynwood Neighborhood Revitalization 2017, Dade Heritage Trust Annual Preservation Award: Little Havana National Treasure 2017, Florida APA Annual Conference: Speaker - Density and Health in Little Havana 2016, FitCity Miami 3/American Institute of Architects: Speaker - The Health of the Inner Suburbs 2016, American Institute of Architects (AIA): Associate Member / Miami Chair of Urban Design, APA Gold Coast Chapter: Board Member			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Wynwood Neighborhood Revitalization District Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If applicable)	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Crafted a national model for urban zoning codes to support creative industries, mixed-use, transit supportive development, proper urban scale and green space. Created policies for preservation, affordable housing, centralized parking, transfer of development rights, walkability and complete streets.. Project size 273 Acres. Mr. Mullerat was the principal in charge. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) El Portal Form-Based Code El Portal, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable)	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Creation of a visual, user friendly and easy to review form-based zoning code. Recommendations focus on a mixed-use Town Center and corridor legislation that will generate new revenue sources and provide a destination for the Village. Project size 256 Acres. Mr. Mullerat was the principal in charge. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Coconut Grove Village Core Master Plan Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (If applicable)	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The plan provides the tools to improve identity and character, open space, mobility, land use & form, community and resiliency with the village core. Extensive stakeholder input drove this action plan to guide proper growth that positively impacts both economic development and quality of life. Project size 150 Acres. Mr. Mullerat was the principal in charge. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Little Havana Revitalization Action Plan Miami, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If applicable)	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Master plan for connectivity that will preserve the authenticity of Little Havana while providing policy recommendations for proper growth and development of historic neighborhood. Revitalization plan includes design for complete streets, multimodal transportation, economic vitality and healthy living. Project size 1,700 Acres. Mr. Mullerat was the principal in charge. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION (City and State) Hialeah Complete Streets and TOD Plan Hialeah, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable)	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A Complete Streets plan was created to ensure that rail transit in two TODs is connected to wide sidewalks, safe street crossings, bike lanes and public transit. Guidelines can be applied citywide to ensure dense, mixed-use districts will be served by multimodal mobility. Project size 19.7 square miles. Mr. Mullerat was the principal in charge. <input checked="" type="checkbox"/> Check if project performed with current firm		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Megan McLaughlin, AICP	13. ROLE IN THIS CONTRACT Planner	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL</td> <td>b. WITH CURRENT FIRM</td> </tr> <tr> <td>12</td> <td>1</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	12	1
a. TOTAL	b. WITH CURRENT FIRM						
12	1						
15. FIRM NAME AND LOCATION (City and State) PlusUrbia Design, 1385 Coral Way, Miami, FL 33145							
16. EDUCATION (Degree and Specialization) University of Miami: Master of Architecture 2007 College of William & Mary: Bachelor of Art History 2004		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) AICP					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) APA National Economic Development Plan Award: Wynwood Neighborhood Revitalization 2017, Dade Heritage Trust Annual Preservation Award: Little Havana National Treasure 2017, Dade Heritage Trust: Distinguished Community Service 2015, American Institute of Certified Planners (AICP): Member, Miami-Dade County MPO: Transportation Aesthetics Review Committee, Dade Heritage Trust: Board Member							

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Little Havana Revitalization Action Plan Miami, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2016</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2016	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2016						
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Exclusive local planning studio for partnership with the National Trust for Historic Preservation that will preserve the authenticity of Little Havana while providing policy recommendations for proper growth and development of a residential neighborhood in walking distance of Downtown Miami. Revitalization plan includes design for healthy living, complete streets and multimodal transportation. Project size 1700 Acres. Ms. McLaughlin was the Project manager.						
(1) TITLE AND LOCATION (City and State) Village of El Portal Form-Based Code El Portal, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2017</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2017	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2017						
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Creation of new municipal zoning ordinance and companion Comprehensive Plan amendments. Recommendations focus on mixed-use Town Center and corridor legislation that will generate new economic sources and provide a destination for the Village in close proximity to a planned future transit station. Project size 256 Acres. Ms. McLaughlin was the Project manager.						
(1) TITLE AND LOCATION (City and State) Miami Dade College SW Seventh Campus Plaza Miami, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2017</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2017	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2017						
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design of a new plaza to improve connections to open spaces, interior courtyards and buildings. The gathering space will allow the college to become more of a focal point for public events in Little Havana. Project size 30,000 square feet. Ms. McLaughlin was a project designer.						
(1) TITLE AND LOCATION (City and State) Central US1 Corridor Sector Plan Prince George's County, MD	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2010</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2010	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2010						
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The Central US1 Corridor Sector Plan implements development that is compact, mixed-use, pedestrian- and transit-friendly along the identified corridor transportation nodes. The plan anticipated the construction of the proposed Purple Line light rail, and increased development. To execute the plan's vision, a new Mixed-Use Infill (MUI) Zone was created. Project size 3.5 Linear Miles. Ms. McLaughlin was the project manager.						
(1) TITLE AND LOCATION (City and State) Downtown Overlay Coral Gables, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2016</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2016	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2016						
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The proposed large-scale project includes a hotel, commercial space, housing and about two acres of park space. It will have 460 residential units, a 66 unit extended-stay hotel and ground floor retail. The project connects to the Metrorail commuter train, Coral Gables Trolley and Underline 10-mile linear park. Project size 4.3 Acres. Ms. McLaughlin was the project manager.						

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Maria Bendfeldt	13. ROLE IN THIS CONTRACT Planner	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) PlusUrbia Design, 1385 Coral Way, Miami, FL 33145			
16. EDUCATION (Degree and Specialization) University of Miami: Master of Architecture and Town Design 2007 Universidad Francisco Marroquín: Architecture Degree 2003		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) APA National Economic Development Plan Award: Wynwood Neighborhood Revitalization 2017, Dade Heritage Trust Annual Preservation Award: Little Havana National Treasure 2017, APA Florida 2016 Award of Excellence: Wynwood Neighborhood Revitalization 2016, ULI Southeast Florida/Caribbean Vision Award: Wynwood Walls Garden Collaboration 2016, American Planning Association (APA): Member, Congress for New Urbanism (CNU): Member			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Wynwood Neighborhood Revitalization District Miami, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Crafted a national model for urban zoning codes to support creative industries, mixed-use, transit supportive development, proper urban scale and green space. Created policies for preservation, affordable housing, centralized parking, transfer of development rights, walkability and complete streets. Project size 273 Acres. Ms. Bendfeldt was the project manager.		
(1) TITLE AND LOCATION (City and State) El Portal Form-Based Code El Portal, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Creation of a visual, user friendly and easy to review form-based zoning code. Recommendations focus on a mixed-use Town Center and corridor legislation that will generate new revenue sources and provide a destination for the Village. Project size 256 Acres. Ms. Bendfeldt was the project manager.		
(1) TITLE AND LOCATION (City and State) Coconut Grove Village Core Master Plan Miami, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The plan provides the tools to improve identity and character, open space, mobility, land use & form, community and resiliency with the village core. Extensive stakeholder input drove this action plan to guide proper growth that positively impacts both economic development and quality of life. Project size 150 Acres. Ms. Bendfeldt was the project manager.		
(1) TITLE AND LOCATION (City and State) Little Havana Revitalization Action Plan Miami, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Master plan for connectivity that will preserve the authenticity of Little Havana while providing policy recommendations for proper growth and development of historic neighborhood. Revitalization plan includes design for complete streets, multimodal transportation, economic vitality and healthy living. Project size 1,700 Acres. Ms. Bendfeldt was the project designer.		
(1) TITLE AND LOCATION (City and State) Hialeah Complete Streets and TOD Plan Hialeah, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A Complete Streets plan was created to ensure that rail transit in two TODs is connected to wide sidewalks, safe street crossings, bike lanes and public transit. Guidelines can be applied citywide to ensure dense, mixed-use districts will be served by multimodal mobility. Project size 19.7 square miles. Ms. Bendfeldt was the project manager.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Peter Haliburton, CEng	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE a. TOTAL 29 b. WITH CURRENT FIRM 15	
15. FIRM NAME AND LOCATION (City and State) Cambridge Systematics, Inc., Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) M.S. / Transportation Engineering B.S. / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) UK / Chartered Engineer (CEng)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Haliburton, CEng, is a Principal with experience in transit planning, transportation planning and engineering, civil engineering, and corridor studies. Mr. Haliburton has managed dozens of transportation planning and engineering projects with diverse private and public sector clients over the past 24 years. He has managed all aspects of projects, including technical, client, partner, and staff interactions.			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State) Miami SMART Plan Beach Corridor (Miami, FL)		(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If applicable)	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. For the Miami-Dade County Department of Transportation and Public Works, Mr. Haliburton is managing the CS role in conducting an Environmental Impact Statement for a premium transit connection between downtown Miami and the Miami Beach Convention Center, and the Design District north of downtown. The initial phase of work included a technology assessment comparing seven alternatives, and recommending four for further analysis. Three parallel north-south corridors on the mainland were also evaluated based on land use and transportation conditions.		[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Atlanta Regional Commission Transit Committee Support (Atlanta, GA)		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION (If applicable)	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Mr. Haliburton served as PM for a contract to support the Regional Transit Committee as part of their long-term transit improvement plan for a 20-county region. Tasks included inventory of the regional transit facilities and fleet resources, creation of a database of routes and facilities to be used in identifying operating efficiency improvements, update and refinement of the Unconstrained Transit Aspiration Plan and documentation of project priorities, providing transit governance support on regional transit governance, and creation of a regional on-line interactive route-planning map and a paper version for regional transit travel.		[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) VIA 2040 Long-Range Comprehensive Transportation Plan (San Antonio, TX)		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable)	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Mr. Haliburton served as PM for the development this long-range transit system plan which provides comprehensive guidance to all departments in the agency on detailed operations planning, performance management, transit-oriented development and station-area planning, facilities and maintenance needs, and funding and financing. The Plan provides the agency with project implementation priorities and guidance, as well as flexibility to address changing conditions for the San Antonio region. He served as principal on four corridor alternatives studies identified in the long range plan.		[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Florida DOT District 4 Districtwide Transit Corridor Project Support (Districtwide, FL)		(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If applicable)	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Mr. Haliburton is currently serving as consultant PM for a district-wide transit planning support contract with Florida DOT District 4, focused on transit program enhancements and project development along a number or corridors. Peter has supported the District on their transit planning and development program for over ten years, including leading the District Integrated Transit and Traffic Operations Broward working group since 2013, developing transit ITS elements to facilitate transit signal priority, transit-only signals and queue jump lanes. Under this contract, Peter has developed template scopes of work, including ranges of staff hour estimates to support various levels of transit corridor feasibility study, led either by the Department or by a partner agency. He led a study on short-term improvement opportunities for transit services along Sample Road in northern Broward County, building on a framework developed by the District for multimodal corridor studies of this type.		[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Chattanooga Passenger Rail Feasibility Study. (Chattanooga, TN)		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If applicable)	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Mr. Haliburton served as PM for this study to examine restoring passenger rail to this historically railroad-oriented town. A number of alternatives were developed to link existing and developing activity centers in the region following underutilized rail rights-of-way, and were evaluated based on approximately a dozen evaluation measures that correlate with project goals and objectives. The plan recommended a program of station area land use enhancements and infrastructure investments, non-motorized routes and trails, and connecting transit enhancements to support the ridership levels required to justify a rail transit investment in the study corridor.		[X] Check if project performed with current firm	

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Karen Kiselewski	13. ROLE IN THIS CONTRACT Transit Planning	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Cambridge Systematics, Inc., Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) M.U.R.P. / Urban Planning M.S. / Computer Science M.S. / Mathematics B.S. / Mathematics		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) American Institute of Certified Planners, 2005, #019557.	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. Kiselewski, AICP, is a Senior Associate with more than 16 years of experience in multimodal transportation planning and program development, including integrating land use and transportation planning. She has performed transportation and special planning studies for FDOT, metropolitan planning organizations (MPO), and local agencies.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	(1) TITLE AND LOCATION (City and State) FDOT SIS Resilience Planning (Statewide, FL)	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Ms. Kiselewski supported the FDOT Systems Implementation Office in a statewide evaluation of critical infrastructure, natural and manmade hazards, and network risks and vulnerabilities, and recommended actions moving forward, including identifying how to incorporate findings into existing tools and processes. The steps included developing a methodology for the vulnerability analysis, identifying facilities at risk for inland and coastal flooding and storm surge, identifying facilities providing access to critical facilities such as bulk fuel locations, evaluating detour conditions should a facility be closed, and prioritization of affected facilities.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) FDOT Future Corridor Planning Process, East Central Florida Task Force (Orange, Osceola, Brevard Counties, FL)	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Key Staff. Ms. Kiselewski supported for the Department's pilot Future Corridor Evaluation study, covering Orange, Osceola, and Brevard Counties. She staffed and facilitated workshops and public meetings and assisted with the development of briefing materials for the Task Force. Ms. Kiselewski served a similar role with the I 75 Relief Task Force.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) FDOT District 4 Transportation System Management and Operations Master Plan (Districtwide, FL)	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Ms. Kiselewski led the development of a Phase 1 TSM&O Master Plan for District 4, addressing all modes, identifying a strategic network and recommending potential projects for implementation in Broward and Palm Beach Counties. She now is assisting the District in expanding the Master Plan geographically and adding service areas, including freight. Internal and external agency coordination has been key to foster TSM&O implementation in light of constrained operating and maintenance funding. Partners involved include multiple offices of two FDOT Districts, Florida's Turnpike, three MPOs, three counties – engineering and transit agencies, and a regional transit authority.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) FDOT District 4 Regional Park and Ride Study(Districtwide, FL)	2017	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Ms. Kiselewski was Project Lead in the Southeast Florida application of a regional park and ride methodology supporting long range transportation planning. Using regional model results, destination activity centers were sited and traveler originations for the largest centers were used to identify new or expanded park and ride locations.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) FDOT District 4 Multimodal Data Collection and Monitoring Pilot (Districtwide, FL)	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. Ms. Kiselewski served as Project Lead in the development of a multimodal data collection pilot in Broward County. Emphasis was on identifying technologies and an approach to counting walkers and bicyclists. Early tasks included obtaining data and locations of available counts for all modes. Other data evaluated included exposure information, access to goods and services, and commute mode share. Using similar methodology as Walk Score, a county wide map was prepared showing access to multiple activities.	<input checked="" type="checkbox"/> Check if project performed with current firm	

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Michael Williamson	13. ROLE IN THIS CONTRACT Transit Planning	14. YEARS EXPERIENCE a. TOTAL 27 b. WITH CURRENT FIRM 27	
15. FIRM NAME AND LOCATION (City and State) Cambridge Systematics, Inc., Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) B.S./ Business Administration		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Williamson is a Principal with more than 26 years of experience in freight and intermodal planning, commercial vehicle operations, ITS and transportation planning. Mr. Williamson has helped MPOs and State DOTs develop and implement freight programs, and has led national research designed to document best practices and provide guidelines for establishing successful freight programs. Over the last decade he has led or supported freight studies for Florida's largest MPOs, many of the smaller MPOs, and for the FDOT. He also managed the Florida Chamber Foundation's Trade and Logistics Study. In addition to regional and state freight planning efforts, Mr. Williamson led the U.S. DOT's South FL Freight Advanced Traveler Information System Small Scale Deployment Pilot, and has led and supported state and Federal grant applications for several Florida seaports. Recently, he completed the City of Opa-locka Freight Implementation Plan in Miami-Dade County, which looked specifically at the freight needs of a subarea within a larger freight system.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4 Freight Program Development (Districtwide, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project Manager/Key Staff. For more than a decade, Mr. Williamson has led or supported several initiatives designed to assist the District in the development of a district-wide freight program. As part of this work, he supported intermodal logistics center market assessments, conducted rail corridor feasibility studies, estimated truck trip generation rates for new industrial developments, and developed a freight corridor analysis framework to ensure freight transportation is considered. Mr. Williamson has supported the District Freight Coordinator with tasks associated with implementation of the Freight Mobility and Trade Plan, including a truck parking demand study, a truck safety analysis, a regional freight plan for the Treasure Coast region, a review of freight modeling methodologies, stakeholder engagement initiatives to identify freight need, a Central East Palm Beach Mobility Study, and more.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Southeast Florida Regional Freight Plan Update (Southeast Region, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project Manager. For the Broward, Miami-Dade, and Palm Beach MPOs, in partnership with Florida DOT, Mr. Williamson managed the first update of the Southeast Florida Regional Freight Plan. This update replenished the region's freight needs list, established priorities, documented the economic impacts of the freight industry, and defined key strategies for an ongoing implementation plan. Mr. Williamson also supported development of the 2010 regional freight plan. Currently, he is supporting the freight component to the current update to the Regional Transportation Plan (RTP).	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) FDOT District 6 Opa-locka Freight Improvement Plan Study (Opa-locka, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project Manager. For Florida DOT D6, Mr. Williamson led the Opa-locka Freight Improvement Plan Study. The City of Opa-locka, located in northeastern Miami-Dade County, represents opportunities for an expanded freight and logistics network in Southeastern Florida. In order to pursue freight related opportunities, the City must tackle its deficiencies. CS prepared an analysis of alternatives; including evaluating existing conditions, preparing a purpose and need statement, conducting appropriate analysis, and proposed a final set of recommendations and improvement options for the City.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Miami-Dade TPO Freight Program Support (Miami, FL)	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Key Staff. For the Miami-Dade TPO, Mr. Williamson has provided ongoing support on a variety of freight projects, including economic impacts of the freight industry, a comprehensive truck parking study, freight access alternatives for Port Miami, and truck traffic management techniques. Mr. Williamson was the technical lead for the 2014 update to the Miami-Dade County Freight Plan and recently supported the 2018 Freight Plan Update.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Florida DOT District 5 Freight Program Development (Districtwide, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Key Staff. For FDOT District 5, as part of a team, Mr. Williamson is supporting as subarea freight study designed to analyze a defined freight cluster, identify key bottlenecks and needs, and develop a list of recommended improvements to improve freight mobility in the short and long term. This effort is closely coordinated with MetroPlan Orlando and the network of freight villages defined in the Central Florida Regional Freight Plan. Mr. Williamson is leading the stakeholder engagement activities and the development of recommendations.	[X] Check if project performed with current firm	

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Peng Zhu, P.E., Ph.D.	13. ROLE IN THIS CONTRACT Transportation Planning	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION (City and State) Cambridge Systematics, Inc., Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization) Ph.D./ Transportation Engineering B.S. / Civil Engineering,		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) MN / Professional Engineer (P.E.) TX / Professional Engineer (P.E.) FL / Professional Engineer (P.E.)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Dr. Zhu is a Senior Associate with more than 12 years of experience in transportation planning, operations, simulation modeling. He has worked on various projects of subarea and corridor planning, transportation plans, multimodal transportation studies, Intelligent Transportation Systems planning and implementation studies, traffic and revenue studies, and traffic simulation studies.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4 System Planning General Planning Consultant. (Districtwide, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
a. Project Manager. Dr. Zhu has been managing this contract for the last five years. He is responsible for regional demand model applications and support; traffic impact analysis and review; traffic forecast studies and reviews; plan reviews including comp plans and LRTPs; Level of Service (LOS) and mobility performance measures (MPM); review of Interchange request documents such as Justification Report (IJR), Interchange Modification Report (IMR), and Interchange Operational Analysis Report (IOAR), special projects, simulation modeling and reviews, data collection and analysis.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4 Congestion Assessment Study (Districtwide, FL).	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
b. Deputy Project Manager. Dr. Zhu is the deputy PM of this contract responsible for development and implementation a new project development process for D4 planning, concept development, traffic operations and design offices. Dr. Zhu is responsible for analyzing big data from NPMRDS and HERE to identify traffic congestions in Broward County. He is also responsible for review and analyzing traffic volumes and counts, signal timing and phasing plans, ROW availability and other plan and program to identify projects to mitigate traffic congestions in Broward County.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4 Districtwide Transit Corridor Project Support (Districtwide, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
c. Deputy Project Manager. Dr. Zhu is currently serving as consultant deputy PM of this district-wide transit planning support contract. He has been involved into preceding contracts since 2008. The current contract is focusing on transit program enhancements and project development along a number of corridors, with project tasks such as coordination efforts between study teams; reviewing and evaluating project financing mechanisms used around the country; review of planning and financial documents.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4 Strategic Intermodal System Program Support (Districtwide, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
d. Key Staff. Dr. Zhu provided support for tasks including a Strategic Intermodal System (SIS) connector and hub assessment, bike lane and pedestrian sidewalk facility inventory evaluation and gap analysis, multimodal corridor planning, and work program database analysis. His role included database maintenance, manipulation and updating; geo-analysis and mapping, and designing and developing decision support systems of multiple levels.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
FDOT District 4 Transportation System Management and Operations (TSM&O) (Districtwide, FL)	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	[X] Check if project performed with current firm	
e. Key Staff. Dr. Zhu assisted in this project where his role included intersection, corridor, and network operational analysis, data mining, GPS data management and projection, database construction and maintenance.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Praveen Pasumarthy, P.E., PTOE	13. ROLE IN THIS CONTRACT Transportation Planning	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) Cambridge Systematics, Inc., Tallahassee, FL			
16. EDUCATION (Degree and Specialization) M.S.C.E. / Civil Engineering B.S.C.E. / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer: Texas #100502, Florida # 75120 Professional Traffic Operations Engineer (PTOE)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Pasumarthy has more than 12 years of diversified traffic engineering and transportation planning experience. His technical experience includes traffic operational analyses, corridor studies, access management studies, traffic simulation modeling, safety evaluation, traffic impact studies, and traffic signal retiming studies. He has successfully delivered multiple projects with high quality, within budget and on schedule. His skillset also includes extensive knowledge of numerous transportation related computer software programs including VISSIM, CORSIM, HCS, Synchro/Simtraffic, IHSDM and ArcGIS.			
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19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida DOT Performance Measures and Data Management (Statewide, FL)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Key Staff. Mr. Pasumarthy currently is working with Florida DOT to identify mobility performance measures and data management practices to support the reporting of mobility measures for the Florida DOT. Task work orders include the development and coordination of multimodal mobility performance measures and related activities; coordination to ensure the Florida DOT is consistent with Federal guidance; travel time reliability coordination within the Florida DOT; and multimodal database coordination within the DOT.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida DOT Project Management (Statewide, FL).	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager. While at a previous firm, Mr. Pasumarthy served as PM for multiple task orders with the Florida DOT Systems Planning Office, oversaw technical management of the projects, including supervision of the team; coordination with client project manager and sub-consultants; project scheduling; and budgeting. He expertly coordinated staff to ensure schedule compliance, maintains communication with client and project team members, and ensures cost control.	[] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida DOT District 3 W. Tennessee St./U.S. 90 Mobility & Alternatives Study.	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. At a previous firm, Mr. Pasumarthy was a PE for the conduct of a traffic mobility and alternatives study for the study corridor. The purpose was to identify recommendations for the corridor which increase safety, improve traffic flow, and reduce motorist delay.	[] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
North Lamar/Burnet Corridor Study (Austin, TX).	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. At a previous firm, Mr. Pasumarthy served as a PE for this study with the City of Austin to identify short-, medium-, and long-term transportation improvements to improve safety; increase vehicular, pedestrian and bicycle mobility and accessibility; and improve quality of life for the North Lamar and Burnet corridors. Project responsibilities include management of data collection activities, developing traffic simulation models (SYNCHRO), traffic operational analysis, traffic signal optimization and coordination, development and geometric layout of alternatives, assessment of travel efficiency benefits of recommended improvements, and corridor development alternatives.	[] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida DOT SIS Bottleneck Study (Statewide, FL)	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE At a previous firm, Mr. Pasumarthy developed an innovative methodology for this award-winning project to identify bottlenecks on Florida's Strategic Intermodal System (SIS) facilities using mobility performance measures – planning time index, percent of congestion, and delay.	[] Check if project performed with current firm	

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS OF EXPERIENCE				
DANIEL CHECCHIA		Surveying/SUE		a. TOTAL 22	b. WITH CURRENT FIRM 8			
15. FIRM NAME AND LOCATION (City and State) KEITH, Pompano Beach, Florida								
16. EDUCATION (DEGREE AND SPECIALIZATION) AS Applied Science in Construction Technology, Suffolk Community College, 2008			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDOT Maintenance of Traffic								
19. RELEVANT PROJECTS								
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
The Wave Modern Streetcar Project (Fort Lauderdale, FL)			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2013				
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	As a sub-consultant to HDR KEITH was tasked with providing Surveying and Subsurface Utility Engineering (SUE) services for this modern streetcar in Downtown Fort Lauderdale between Northwest 6th Street and Southeast 17th Street. The system would operate 5 modern streetcars in mixed traffic along existing roadways and would utilize transit signal priority. Mr. Checchia is currently serving as Project Coordinator of all utility related services providing designation, location and mapping of existing subsurface utilities; Utility designation of all known tone-able and non-tone able utilities within the apparent right of way of the Phase 1A Streetcar limits. Up to 44 locations (test holes) shall be utilized to verify radar data and designations. Project was placed on hold.							
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Downtown Pompano Connectivity Project (Pompano Beach, FL)			PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 2015				
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	KEITH, as the Lead/Prime consultant, assembled a multi-disciplinary team responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Outreach/Consensus and Construction Management for an area wide project consisting ten (10) square blocks of the "Old" (Historic) Pompano Area and MLK Boulevard between I-95 and Dixie Highway. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features within the Old Pompano Area and along MLK Boulevard, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including water and sanitary sewer main replacement and conversion of existing overhead to underground infrastructure (FPL/Comcast/AT&T)), and significant drainage and roadway improvements.							
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Pompano Beach Boulevard Streetscape (Pompano Beach, FL)			PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A				
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways adjacent to Pompano Beach, south of the pier to Atlantic Boulevard, including a signature plaza at the end of Atlantic Boulevard, and North to NE 5th Street. Because much of the project was located seaward of the Coastal Construction Control Line, the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Transportation Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081. KEITH was responsible for Civil Engineering Design and Surveying for the development of a unique beach front venue including enhancement of roadway and on-street parking pedestrian streetscape/landscape, drainage improvements, relocation, utility infrastructure along Pompano Beach Blvd and underground of overhead Utilities from Atlantic Boulevard to NE 5th Street.							
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Federal Highway (US-1) Beautification Project (Delray Beach, FL)			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	Mr. Checchia served as the Project Coordinator for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the subsurface utility engineering (SUE) locations to support design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required K&A to perform utility designation services and over 150 utility test holes throughout the project limits to verify potential conflicts. K&A also conducted a survey of over 220 drainage structures throughout the corridor.							
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
FDOT D4 SR-80 at Forest Hill Boulevard (Palm Beach County, FL)			PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm					
	This project entails intersection improvements at Southern Boulevard SR 80 and Forest Hill Boulevard, including the widening of the bridge over the C-51 canal. As a subconsultant to Inwood Engineers, KEITH provided surveying, utility designation and coordination and landscape architecture services. The survey includes a topographic survey of the roadway, subsurface utilities, canal cross sections and a detailed bridge survey that resulted in a comprehensive 3D model. The SUE scope includes providing designates for underground utilities, verifying existing utilities and delineating utilities along Forest Hill Blvd. South of SR 80 to Quercus Ct.							

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS OF EXPERIENCE				
LEE POWERS, PSM		Surveying/SUE		a. TOTAL 14	b. WITH CURRENT FIRM 10			
15. FIRM NAME AND LOCATION (City and State) KEITH, Pompano Beach, Florida								
16. EDUCATION (DEGREE AND SPECIALIZATION) BS Land Surveying & Geomatics Engineering, Purdue University, 2005			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida Professional Surveyor & Mapper, #6805					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Society of Professional Surveyors & Mappers, BIM Smart Foundation, Member, BuildingSMART Foundation Member. Certifications: Transportation Worker Identification Credential (TWIC), FDOT Maintenance of Traffic								
19. RELEVANT PROJECTS								
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Pompano Beach Boulevard Streetscape (Pompano Beach, FL)			PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A				
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways adjacent to Pompano Beach, south of the pier to Atlantic Boulevard, including a signature plaza at the end of Atlantic Boulevard, and North to NE 5th Street. Because much of the project was located seaward of the Coastal Construction Control Line, the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Transportation Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081. KEITH was responsible for Civil Engineering Design and Surveying for the development of a unique beach front venue including enhancement of roadway and on-street parking pedestrian streetscape/landscape, drainage improvements, relocation, utility infrastructure along Pompano Beach Blvd and underground of overhead Utilities from Atlantic Boulevard to NE 5th Street.		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Federal Highway (US-1) Beautification Project (Delray Beach, FL)			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017				
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Powers served as the Project Surveyor for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required K&A to establish new control points throughout the project limits. K&A also conducted a survey of over 220 drainage structures throughout the corridor. Finished floor elevations were measured on all structures within 25 feet of the right-of-way. A Topographic Survey was required for the engineering designs. This Topographic Survey collected all surface data within the right-of-way of US-1.		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Sidewalk Extension N.E. 27th Avenue (Lighthouse Point, FL)			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE KEITH provided professional services for the design, permitting and CEI services for the installation of 5 foot wide sidewalk along the West side of N.E. 27th Avenue from N.E. 51st Street to just South of the Northern municipal limits of Lighthouse Point. The sidewalk is approximately 1,500 feet. Mr. Powers served as the project surveyor responsible for the topographic survey.		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Palm Beach County Traffic Signal Design (Palm Beach County, FL)			PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A				
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE KEITH is providing surveying and subsurface utility engineering services as subconsultant to McMahon Associates on an as needed basis. Survey includes intersection design surveys that established project control, recovered existing alignments and right-of-way, and located all underground utilities.		<input checked="" type="checkbox"/> Check if project performed with current firm					
(1) TITLE AND LOCATION (City and State)			(2) YEAR COMPLETED					
Congress Avenue SR 807 at 10th Avenue North Village of Palm Springs, FL)			PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This was an FDOT safety project for a busy intersection which entailed primarily the installation of the light poles, pedestrian countdown signage and high emphasis crosswalks, as well as relocating the bus stops on the West leg. As a subconsultant to Kimley-Horn, KEITH provided surveying and SUE services including marketing the edge of pavement and sidewalk, existing signs, light poles and other above ground utility poles, cross walk marking location and traffic signal poles.		<input checked="" type="checkbox"/> Check if project performed with current firm					

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS OF EXPERIENCE				
STEPHEN WILLIAMS, SR., PE		Civil Engineering		a. TOTAL 48	b. WITH CURRENT FIRM 5			
15. FIRM NAME AND LOCATION (City and State) KEITH, Pompano Beach, Florida								
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering, University of Florida, 1977			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Professional Engineer #32090					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), Florida Engineering Society (FES), National Society of Professional Engineers (NSPE), Leadership Broward I, Fort Lauderdale Unsafe Structures Board								
19. RELEVANT PROJECTS								
a.	(1) TITLE AND LOCATION (City and State) Colonial Drive Traffic Calming, Pedestrian Routing and Streetscape Improvement (Margate, FL)		(2) YEAR COMPLETED					
			PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Phase 1 includes traffic calming, pedestrian routing and streetscape improvements containing approximately 500 LF of Local Roadway. The scope entails schematic drawings of existing conditions, concept drawings including two alternatives considering potential lane width modifications, road geometry adjustments, landscaping, street lighting, potential pavement enhancements, other improvements aimed at enhancing pedestrian crossing experience on Colonial Drive and traffic calming, cost estimates, coordination meeting with Northwest Regional Hospital and MCRA staff and public workshops, if necessary.		<input checked="" type="checkbox"/> Check if project performed with current firm					
b.	(1) TITLE AND LOCATION (City and State) Pompano Beach Design/Build Pier Beach Parking Garage (Pompano Beach, FL)		(2) YEAR COMPLETED					
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2017				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The new Pompano Beach Pier/Beach Parking Garage is located at the southeast corner of North Ocean Blvd. (S.R. A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project.		<input checked="" type="checkbox"/> Check if project performed with current firm					
c.	(1) TITLE AND LOCATION (City and State) City of Pompano Beach & CRA Miscellaneous Engineering Services Contract (Pompano Beach, FL)		(2) YEAR COMPLETED					
			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable) On-going				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE KEITH has served as the General Engineering Consultant for the City of Pompano Beach for over 16 years. Ms. Keith-Lazowick is the Contract Manager/Elected Officials Liaison for the firm on an as needed basis. Many of the project assignments have been in the redevelopment of roadways, parking facilities and utility infrastructure design. All services of the firm are utilized including planning, civil engineering, surveying, subsurface utility engineering, and landscape architecture. Signature design and construction projects include:		<input checked="" type="checkbox"/> Check if project performed with current firm					
d.	(1) TITLE AND LOCATION (City and State) NE 38th Street from Dixie Hwy to NE 13th Avenue (Oakland Park, FL)		(2) YEAR COMPLETED					
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) N/A				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Williams was the Engineer of Record for the design of N.E. 38 Street from Dixie Highway through the intersection of N.E. 13 Avenue. The goal was to enhance the pedestrian movements and vehicular traffic circulation in the area by developing paving, grading, drainage, landscaping and street lighting plans. The roadway cross-section included a sidewalk on the south side of N.E. 38 Street. The sidewalk on the north side of NE 38 Street was supplied by the Oakland Station development on the Oakland Station property in a sidewalk easement. This project connects the city's N.E. 12 Avenue project to their N.E. 38 Street project. Further designed a stormwater management system that includes a pumping station to eliminate frequent flooding of low roadway segments. The roadway reconstruction included upgrading the water and sanitary sewer systems as well as new storm drainage lines.		<input checked="" type="checkbox"/> Check if project performed with current firm					
e.	(1) TITLE AND LOCATION (City and State) City of Fort Lauderdale NE/NW 6 Street (Sistrunk Blvd) (Fort Lauderdale, FL)		(2) YEAR COMPLETED					
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) N/A				
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 2.3-mile urban corridor is a Streetscape and Enhancement Project from NW 24th Avenue to Federal Highway (US-1). Mr. Williams served as the lead site design engineer and Project Manager during the construction phase. This project involved lane reductions, on-street parking, wider sidewalks, drainage improvements, decorative street and pedestrian lighting, bus shelters, landscaping, signalization upgrades and sanitary sewer design. Post Design Services representative to City.		<input checked="" type="checkbox"/> Check if project performed with current firm					

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Juan S. Calderon, PE, PTOE	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) CALTRAN Engineering Group, Inc. – 790 NW 107 Ave. Suite 200, Miami FL 33172			
16. EDUCATION (Degree and Specialization) MS in Civil Engineering, Florida International University, Florida 1999 BS in Civil Engineering; University Santo Tomas, Bogota, Colombia 1997		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer in Florida No. 58569, 2002 Professional Traffic Operations Engineer No. 1301, 2004 Professional Transportation Planner No. 20, 2007	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Mr. Calderon has over 21 years of experience in traffic/ transportation engineering with a Master Degree in Civil Engineering. Mr. Calderon has been involved in managing multiple traffics and planning engineering projects with the FDOT and related contracts. Likewise, he has participated actively in preliminary engineering reports, design project and planning.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Downtown Miami Streets (Lane Elimination) SW/ SE 1st Street	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) N/A
<input type="checkbox"/> Check if project performed with current firm a. Project Manager responsible for traffic-engineering services to complete a feasibility study to apply a Complete Street concept to SW /SE 1 st St. in Downtown Miami, between SW 2 nd Ave. and Biscayne Blvd. Task included provided and existing condition analysis, traffic analysis for no built conditions, transit system operation analysis. Study recommended lane elimination and 1 st on-road bus lane only in Miami-Dade County. Contact: Fabian De la Espriella (305) 579-6675.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Coral Gables Comprehensive Multimodal Transportation Plan	PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION (If applicable) N/A
<input type="checkbox"/> Check if project performed with current firm b. Project Manager responsible for the evaluation on multimodal projects and transportation traffic calming plan with the vision to support the City developing a framework and analysis of existing and future conditions, civic engagement and putting ideas into action as well as a recommendation and prioritization of funding. Contact: Atkins, Jack S. Schnettler, PE, (305) 514-3369.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
NW 17 Street Traffic Impact Analysis	PROFESSIONAL SERVICES 2016- 2018	CONSTRUCTION (If applicable) N/A
<input type="checkbox"/> Check if project performed with current firm c. This project ensure a healthy traffic environment for the City of Sweetwater residents, visitors, and proposed businesses developments through the proposed public facilities and services typical sections at NW 17 th Street between NW 111 th Avenue/ NW 112 th Avenue and NW 108 th Avenue, as well as NW 110 th Avenue, between NW 17 th including committed developments assessment, provide a micro-simulation of existing and future conditions during AM and PM peak periods, concurrency analysis, turn lane evaluation, and determine recommendations to mitigate possible impacts. Contact: Alvarez Engineers Inc. Juan Alvarez, 305-640-1345.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Traffic Study of Miramar Parkway & Palm Avenue Modification	PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION (If applicable) N/A
<input type="checkbox"/> Check if project performed with current firm d. In charge of reviewing data collected in order to prepare a traffic Study that included turning movement counts on the intersection. Assisted in the signal design with roadway signing and pavement marking to implement modifications at the intersection of Miramar Parkway and Palm Avenue. Contact: Bissy Bempala, 954-602-3323.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Oakland Park	PROFESSIONAL SERVICES 2017-Ongoing	CONSTRUCTION (If applicable) N/A
<input type="checkbox"/> Check if project performed with current firm e. In charge of conducting Traffic study in order to collect data including speed, volume, accident history, segment/ intersection assessment, pedestrian access, residential density, and school proximity amongst additional factors for traffic calming evaluation. Design of roadway, signing and marking improvements for two roundabouts located at NW 38 th Street and NW 3 rd Avenue and NW 38 th Street and NW 5 th Avenue. Contact: Jennifer M. Frastai, 954-630-4477.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jeannelia P. Liu, PE	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) CALTRAN Engineering Group, Inc. – 790 NW 107 Ave. Suite 200, Miami FL 33172			
16. EDUCATION (Degree and Specialization) Bachelor of Science in Civil Engineering; University of Miami 1996		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer in Florida No. 575656, 200	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mrs. Liu has a wide-range of experience in consulting engineering and information management throughout her 22 year career. Her experience included nine years of involvement providing project management services to various GIS, planning, studies and data collection projects. Mrs. Liu has been involved in numerous roadway designs and planning project in FDOT.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) US-1 Bayfront Area Road Diet	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A micro simulation and study was conducted to understand the impacts of removing one lane in each direction along US-1 corridor, in Miami Downtown Bayfront area. The analysis used Synchro software to compare before/after performances at intersection levels. Contact: Tindale Oliver, Demian Miller (813) 224-8862		
(1) TITLE AND LOCATION (City and State) Iron Triangle Planning Study	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Provided Alternatives form improvements at the interchange of SR 112/LeJeune Road/Okeechobee Road. As part of the tasks assigned included evaluation of existing conditions, traffic data collection including big data evaluation for origin-destination (HERE Data, Bluetooth, and Streetlight), operational analysis microsimulation model development, provide documentation for the Design Traffic Technical Memorandum (DTTM), conceptual improvements assessment for Tier 1 and Tier 2 including long and short term Improvements. Provide final recommendations, assist in cost estimates and support in public involvement. Contact: Jacob, Ana Elias (954) 246-1243		
(1) TITLE AND LOCATION (City and State) FDOT D6, Transportation Statistics Support No.3, Miami, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013-Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Quality Control Supervisor responsible for providing engineering support at the Intermodal Systems Development Office in D6 and amongst other tasks includes; PTMS design through work program projects; Roadway Characteristic Inventory data collection and review; enhanced pavement deficiency evaluation and reporting. Contact: Neil Lyn (305) 470-5373		
(1) TITLE AND LOCATION (City and State) City of Miramar, Miramar Boulevard Widening Project, Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer of Record. Widening of 3 Miles of roadway from two to four lanes, curb and gutter, drainage of Miramar Boulevard at Hiatus Road, 107 Block and Palm Avenue in the City of Miramar. Prepared signal component package following FDOT Plans Preparation Manual included: roadway plans that include horizontal and vertical alignment and cross sections, signalization plans, signing, pavement marking plans in conformance with the City of Miramar, Broward County, FDOT Standards and PPM		
(1) TITLE AND LOCATION (City and State) SR 976/Bird Road from SR 821/Heft to US1/South Dixie Hwy	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Engineer in charge of conducting the analysis of The 5-leg intersection of Bird Road (S.W. 40th Street), Granada Blvd and University Dr. As a part of concept development. One alternative was to convert the 5-leg intersection into a roundabout (which will not be analyzed at this stage). The other alternative was to convert University Dr. from a two-way street, into a one-way street (between Toledo Street and Granada Blvd). Toledo Street and Granada Blvd).		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Juan P. Romero, EI	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 7
15. FIRM NAME AND LOCATION (City and State) CALTRAN Engineering Group, Inc. – 790 NW 107 Ave. Suite 200, Miami FL 33172			
16. EDUCATION (Degree and Specialization) BS in Civil Engineering, Florida International University 2010		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Fundaments 101, 102, and 103 (Distance Learning) TranStat RCI Intermediate Field Data Collection. FDOT 2013 Road Safety Assessment for Local Govt. University of Florida	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Romero has been involved in various planning projects, studies and data collection projects. He is experience in conducting various types of traffic studies traffic counts.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Downtown Miami Streets (Lane Elimination) SW/ SE 1st Street	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project Manager responsible for traffic-engineering services to complete a feasibility study to apply a Complete Street concept to SW /SE 1st St. in Downtown Miami, between SW 2nd Ave. and Biscayne Blvd. Task included provided and existing condition analysis, traffic analysis for no built conditions, transit system operation analysis. Study recommended lane elimination and 1st on-road bus lane only in Miami-Dade County. Contact: Fabian De la Espriella (305) 579-6675		
(1) TITLE AND LOCATION (City and State) City of Coral Gables Comprehensive Multimodal Transportation Plan	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project Manager responsible for the evaluation on multimodal projects and transportation traffic calming plan with the vision to support the City developing a framework and analysis of existing and future conditions, civic engagement and putting ideas into action as well as a recommendation and prioritization of funding. Contact: Atkins, Jack S. Schnettler, PE., (305) 514-3369		
(1) TITLE AND LOCATION (City and State) NW 17 Street Traffic Impact Analysis	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016- 2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. This project ensure a healthy traffic environment for the City of Sweetwater residents, visitors, and proposed businesses developments through the proposed public facilities and services typical sections at NW 17th Street between NW 111th Avenue/ NW 112th Avenue and NW 108th Avenue, as well as NW 110th Avenue, between NW 17th including committed developments assessment, provide a micro-simulation of existing and future conditions during AM and PM peak periods, concurrency analysis, turn lane evaluation, and determine recommendations to mitigate possible impacts. Contact: Alvarez Engineers Inc. Juan Alvarez, 305-640-1345		
(1) TITLE AND LOCATION (City and State) SR 976/Bird Road from SR 821/Heft to US1/South Dixie Hwy	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Engineer in charge of conducting the analysis of The 5-leg intersection of Bird Road (S.W. 40th Street), Granada Blvd and University Dr. As a part of concept development. One alternative was to convert the 5-leg intersection into a roundabout (which will not be analyzed at this stage). The other alternative was to convert University Dr. from a two-way street, into a one-way street (between Toledo Street and Granada Blvd).		
(1) TITLE AND LOCATION (City and State) City of Oakland	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017-Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. In charge of conducting Traffic study in order to collect data including speed, volume, accident history, segment/ intersection assessment, pedestrian access, residential density, and school proximity amongst additional factors for traffic calming evaluation. Design of roadway, signing and marking improvements for two roundabouts located at NW 38th Street and NW 3rd Avenue and NW 38th Street and NW 5th Avenue.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME James M. Corbett, CAPP	13. ROLE IN THIS CONTRACT Parking Analysis/ Studies	14. YEARS EXPERIENCE	
		A. TOTAL 27	B. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Walker Consultants, Tampa, Florida			
16. EDUCATION (Degree and Specialization) Bachelor of Arts, Business Psychology, Miami University, Oxford, OH		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Certified Administrator of Public Parking (CAPP)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Parking Association, Past President; International Parking and Mobility Institute, Parksmart Advisor Certification and Accredited Parking Organization Site Reviewer Certification IPMI; US Department of Homeland Security, Certified FEMA Incident Command System: 100, 200 & 700 level			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	City of Miami Beach Parking Enforcement Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted an operational review of the current parking enforcement unit to provide background and to compare the current operation with industry best practices		
b.	City of Stuart Parking Consulting Services Stuart, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a parking planning study to determine parking strategies and regulations to improve the availability of existing parking supply and accommodate future parking due to potential new developments.		
c.	City of Fort Myers Parking Consulting Services Fort Myers, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a parking planning study to determine parking strategies and regulations to improve the availability of existing parking supply and accommodate future parking due to potential new developments.		
d.	City of Fort Lauderdale Parking Consulting Services Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a market and financial analysis of the City of Ft. Lauderdale parking enterprise including projections of the operating revenue, operating expense, capital expense, and debt service of the parking enterprise over a ten-year period.		
e.	City of Corpus Christi Parking Planning Services Corpus Christi, TX	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a parking planning study to determine parking strategies and regulations to improve the availability of existing parking supply and accommodate future parking due to potential new developments.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brian K. Preston, PE	13. ROLE IN THIS CONTRACT Parking Analysis/Studies	14. YEARS EXPERIENCE	
		A. TOTAL 24	B. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION (City and State) Walker Consultants, Tampa, Florida			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Civil Engineering Bachelor of Science, Architectural Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Engineer #75127 Massachusetts Structural Engineer #EN 41849-ST	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Parking & Transportation Association, International Parking Association, American Concrete Institute, American Consulting Engineers Council			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	University of Central Florida Downtown Parking Structure, Orlando, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager leading the team providing parking consulting, functional design and structural engineering design of a four-level high precast structure with 587 spaces. A university store and other campus services on the ground floor. Construction budget: \$13,500,000.		
b.	Tampa International Airport Long and Short-Term Parking Structure, Tampa, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager for a series of projects delivered under a continuing services contract with the Authority to evaluate the condition of the Long- and Short-Term parking structures and preparation of drawings and specifications for the necessary repairs to extend their useful life.		
c.	Citrus Center Parking Structure Orlando, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager led the project team that evaluated the condition of the five-level parking structure in 2018 and currently is preparing restoration bid documents.		
d.	City of Ft. Lauderdale Las Olas Blvd Parking Structure, Ft. Lauderdale, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Director of Operations of the project team that provided parking consulting, functional design, structural engineering and M/E/P design of a 303-space, eight-level parking structure constructed of cast-in-place, post tensioned concrete. Construction budget: \$15,000,000		
e.	City of Hollywood Parking Garages Investigations Hollywood, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager led the team that evaluated three of the City's parking structures. The project report included an inventory of repair and maintenance requirements; repair approach for each of the structures that prioritized the repairs and preventative maintenance that was needed.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Elliot Hathorn, PE, LEED AP	13. ROLE IN THIS CONTRACT Parking Analysis/Studies	14. YEARS EXPERIENCE	
		A. TOTAL 35	B. WITH CURRENT FIRM 26
15. FIRM NAME AND LOCATION (City and State) Walker Consultants, Tampa, Florida			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer Florida #34691 and Louisiana PE20829 Registered Civil Engineer, California C50951	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) LEED AP, Florida Parking & Transportation Association, American Consulting Engineers Council, American Society of Civil Engineers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	University of Central Florida Downtown Parking Structure, Orlando, FL	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Engineer on the team providing parking consulting, functional design and structural engineering design of a four-level high precast structure with 587 spaces. A university store and other campus services on the ground floor. Construction budget: \$13,500,000.		
b.	City of Ft. Lauderdale Las Olas Blvd Parking Structure, Ft. Lauderdale, FL	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager led the project team that provided parking consulting, functional design, structural engineering and M/E/P design of a 303-space, eight-level parking structure constructed of cast-in-place, post tensioned concrete. Construction budget: \$15,000,000.		
c.	City of Hollywood Nebraska/Nevada Street Parking Structure, Hollywood, FL	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager led the project team that provided parking consulting, functional design, structural engineering and M/E/P design of a 662-space, five-level structure constructed of pre-cast concrete with the LED display on the exterior. Construction budget: \$21,000,000.		
d.	Collegetown Parking Structure at Building "C" Tallahassee, GA	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager led the project team that provided parking consulting, functional design, structural engineering and M/E/P design of a two-bay wide, seven-level precast structure with two-way traffic flow and 90-degree parking stalls. Construction budget: \$10,000,000.		
e.	City of Sarasota State Street Parking Garage Sarasota, FL	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager led the team that provided parking consulting, functional design, structural engineering, M/E/P engineering and construction administration of a 395-space parking structure with 14,000SF ground floor commercial space. Construction budget: \$9,500,000.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Adriana Savino-Miller	Landscape Architecture	a. TOTAL 30	b. WITH CURRENT FIRM 26
15. FIRM NAME AND LOCATION (City and State) Savino & Miller Design Studio, P.A., North Miami, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Pennsylvania, M. Arch + Urban Design Certificate Universidad Central de Venezuela, Architecture		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Architect, Florida AR#14444	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) AIA Member 12 FLASLA Awards, among others			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City of Miami Beach Future Community Park Miami Beach, Florida	2016-present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Master Plan for this future community park project in Miami Beach. Scope included Paving, Planting, Site furniture and lighting. Principal - Master Planning		
b.	Miami Baywalk & Riverwalk Design Guidelines Miami, Florida	2017-2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Guidelines and Brand Development for the Miami Baywalk and Riverwalk in Greater Downtown Miami Principal - Urban Designer		
c.	Matheson Plantation Village Key Biscayne, Florida	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Master plan through the restoration of three historic cottages, a reminiscence of Key Biscayne when the Matheson Family donated land to the County. The plan calls for a sustainable village that exemplifies cultivation, conservation and stewardship of the land with activities that recall Key Biscayne's past, including the zoo, first introduced by the Mathesons. Associate		
d.	Museum Park Miami, FL	2015	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Downtown Miami waterfront 20-acre park adjacent to two museums. \$10M construction cost Principal - Master Planning		
e.	Tamiami Canal Tender House Miami, Florida	2013	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Site analysis and presentation of multiple options for site design, including whether to remove or replace the historic swing bridge, how many lanes for new bridge and relocation of tender house. Design of new tender house and bridge railing. Design Architect and Urban Designer		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Barry R. Miller, ASLA	Landscape Architecture	a. TOTAL 34	b. WITH CURRENT FIRM 26
15. FIRM NAME AND LOCATION (City and State) Savino & Miller Design Studio, P.A., North Miami, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Florida (Master Of Urban and Regional Planning) University of Florida (Bachelor in Landscape Architecture)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Landscape Architect: Florida #866	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASLA and ULI Member 12 FLASLA Awards, among other awards			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Miami Baywalk & Riverwalk Design Guidelines Miami, FL	2017-2019	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Guidelines and Brand Development for the Miami Baywalk and Riverwalk in Greater Downtown Miami Principal - Landscape Architect		
b.	Miami Beach Multi-Purpose Facility, 17 to 18 ST & Meridian AV Miami Beach, Florida	2010	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Located adjacent to City Hall in the City of Miami Beach, scope included a Landscape and Streetscape Master plan linking new garage, City Hall and existing office building, through a bamboo promenade, an plaza, with a water feature. Scope included design of Paving, Planting, Water Feature, Lighting and urban furniture. From Schematic Design through Construction Phase Services.(19 Acres) Cost: \$10M. Principal in Charge. 2015 FL ASLA Award of Merit.		
c.	Aventura Optima Professional Building Aventura, Florida	2011	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Master Plan and two green roof terraces. This is one of 2 buildings in South Florida to obtain Leed Platinum. Scope included Landscape plan, Hard-surface, Water Features, Outdoor lighting. From Schematic Design through Construction Phase Services.(19 Acres) Cost: \$10M. Principal in Charge. 2015 FLASLA Award of Merit.2015 Award of Excellence for Green Roof by Green Roof for Healthy Cities (NYC)		
d.	SLS (Ritz Plaza Hotel) Miami Beach, Florida	2012	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Master Plan that included an entry courtyard with swimming pool and pool deck design . Planting, lighting, irrigation. From schematic Design thru Construction Phase Services.(19 Acres) Cost: \$10M. Principal in Charge.		
e.	Museum Park Miami, Florida	2012	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Re-designed and valued engineered proposed Bay-walk and Entry promenade to keep integrity of original Concept. Scope included Paving, Planting, Irrigation, Urban furniture and lighting. From Schematic Design through Construction Observation Phase. (19 Acres) Cost: \$10M. Principal in Charge. 2015 FLASLA Award of Merit.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Kelly Hitzing	Landscape Architecture	a. TOTAL 7	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Savino & Miller Design Studio, P.A., North Miami, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) University of Virginia, MLA University of Tennessee, BFA		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Landscape Architect, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			


19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City of Miami Beach Future Community Park Miami Beach, Florida	2016-present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Master Plan for this future community park project in Miami Beach. Scope included Paving, Planting, Site furniture and lighting. Project Manager.		
b.	Sunrise Park Hallandale Beach, Florida	2018-present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Neighborhood park as part of the GO Bond Project Manager		
c.	West Avenue Miami Beach, Florida	2017-present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Streetscape improvements for major thoroughfare in Miami Beach, West Avenue, and all of its side streets. Improvements are being done as Design-Build project to raise the street 1'-2'. Project Manager		
d.	Bimini Land Use Plan and Design Guidelines Bimini, Bahamas	2012	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sixty page book of land use and design guidelines for Bahamian government to ensure sustainable future development for both local residents and expanding tourism industry on the island.		
e.	27 Star Island Miami, Florida	2012	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Waterfront, Private residence		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
	12. NAME Angela Alba, PE	13. ROLE ON THIS CONTRACT Geotechnical	14. YEARS EXPERIENCE a. Total 20 b. With Current Firm 5
	15. FIRM NAME AND LOCATION (City and State) AREHNA Engineering, Inc., Coral Springs, Florida		
16. EDUCATION (Degree and Specialization) Master of Science, Civil Engineering, Geotechnical Focus Massachusetts Institute of Technology Bachelor of Science, Civil Engineering University of Puerto Rico		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Professional Engineer, Florida Registration No. 58538	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. Alba has provided geotechnical engineering services on numerous geotechnical explorations over the past 20 years, serving as the Geotechnical Discipline Lead for the I-595 Corridor Improvement project in Broward County, Florida, which is the first Public-Private-Partnership (P3) project ever awarded by FDOT. Ms. Alba has been involved in the planning, analysis, execution, and review of geotechnical projects ranging from roadway and railways to complex roadway bridge and tunnel projects to commercial high-rise buildings, school projects, and other local municipality projects. Ms. Alba has performed evaluations for retaining walls, drainage structures, shallow foundations, driven piles, drilled shafts, augercast piles, micropiles, and pressure injected footings. Ms. Alba experience has also included finite element analysis, slope stability evaluations, soil nail wall design, and evaluation of geosynthetics applications, and geotechnical ground improvement techniques.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State) Broward County Mast Arm Conversions, Phase II Broward County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 - 2016	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: Ms. Alba was responsible of providing geotechnical engineering services for this design build project, which consisted of the conversion of 15 existing intersections to mast arm traffic control signals and the improvement of the intersection asphalt pavement. Geotechnical scope provided the following: Mast arm foundation design parameters, Pavement and base coarse layer thicknesses, and Recommendations for milling and resurfacing.		
B	(1) TITLE AND LOCATION (City and State) Districtwide Design Minor Projects/Production Support FDOT District Four, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 - Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: Task order contract associated with roadway improvements that include traffic safety, lighting structures, overhead sign structures, mast arm structures, and drainage structures.		
C	(1) TITLE AND LOCATION (City and State) FDOT D4 - Districtwide Geotechnical Services Contract FDOT District Four, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 - Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Contract/Project Manager: Ms. Alba responsibilities include, scope development, proposal preparation, providing technical oversight, and invoicing. She is also responsible for exploring engineering/design alternatives that could reduce project costs and schedule timeline and communicating options with the FDOT's Project Manager and project team.		
D	(1) TITLE AND LOCATION (City and State) Broward Mobility SW 56th Avenue from Pembroke Rd to Stirling Road District Four, Broward County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 - Present	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: Ms. Alba served as the Senior Geotechnical Engineer for this mobility project, which consists of constructing sidewalk and pavement widening for bicycle lanes to approximately 3.5 miles of SW 56th Ave.		
E	(1) TITLE AND LOCATION (City and State) City of Ft. Lauderdale - South Ocean Drive Bridge Replacement Ft. Lauderdale, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 - 2018	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: The project consisted of replacement of the existing bridge along South Ocean Drive over the Marion River. The existing bridge is 80 feet, four span, reinforced concrete double T-beam constructed in 1952 and rehabilitated in 1968 that requires frequent costly maintenance. Ms. Alba was responsible for geotechnical investigation, project oversight and testing, analysis and reporting, schedules, budget, plan reviews and recommendations.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT			
	12. NAME Jessica McRory, PE, LEED AP	13. ROLE ON THIS CONTRACT Geotechnical	14. YEARS EXPERIENCE a. Total 15 b. With Current Firm 11
	15. FIRM NAME AND LOCATION (City and State) AREHNA Engineering, Inc., Tampa, Florida		
16. EDUCATION (Degree and Specialization) Master of Science, Civil Engineering, Geotechnical Focus University of South Florida Bachelor of Science, Civil Engineering University of South Florida		17. CURRENT PROFESSIONAL REGISTRATION (State & Discipline) Professional Engineer, Florida Registration No. 68440 LEED Accredited Professional	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. McRory has managed the geotechnical aspects of testing, design and construction for over a thousand engineering projects. Her involvement has included analysis and evaluation of soil conditions pertaining to new construction design, as well as ongoing construction projects. Project experience has ranged from large FDOT contracts to large commercial projects. Evaluations have included soil and groundwater conditions, determining soil bearing capacity and consolidation characteristics and analyzing the performance of various types of foundation systems. Ms. McRory is active in several professional organizations including, FES, SAME, ABC and is the past Branch President for ASCE.			
19. RELEVANT PROJECTS			
A	(1) TITLE AND LOCATION (City and State) Districtwide Minor Design Contract District Four, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 - Present CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: Ms. McRory serves as a senior Geotechnical Engineer and contract manager for this task-order contract. Projects have included roadway, drainage and lighting improvement projects.		
B	(1) TITLE AND LOCATION (City and State) Broward County Mast Arm Conversions, Phase II Broward County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 - Present CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: Ms. McRory served as the Senior Geotechnical Engineer responsible of providing geotechnical engineering services for this design build project, which consisted of the conversion of 15 existing intersections to mast arm traffic control signals and the improvement of the intersection asphalt pavement. Geotechnical scope provided the following: Mast arm foundation design parameters, Pavement and base coarse layer thicknesses, and Recommendations for milling and resurfacing.		
C	(1) TITLE AND LOCATION (City and State) SR 710/Beeline Highway from Northlake Blvd. to Blue Heron Blvd. District Four and Turnpike, Palm Beach County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 - Present CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: Ms. McRory is serving as a geotechnical engineer for approximately 5 miles of roadway widening, bridge replacement at the Turnpike and associated retaining walls. The project includes intersection improvements at Northlake Blvd, drainage ponds, and miscellaneous signal and overhead sign structures.		
D	(1) TITLE AND LOCATION (City and State) Jonathan Dickinson Trail, FDEP Martin County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 - 2017 CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Senior Geotechnical Engineer: The project is a 4.5-mile long, 12-foot wide multi-use trail. The route is mostly along the existing footprint of Old Dixie Highway. The existing roadway will be removed and recycled. A 1,200-foot long concrete pavement section is planned adjacent to the Hobe Sound National Wildlife Refuge. The purpose of our geotechnical study is to obtain information on the general subsurface conditions at the proposed project site.		
E	(1) TITLE AND LOCATION (City and State) Miscellaneous Professional Services for Engineering Services, Transportation Development and Design Hillsborough County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 - Present CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ✓ Check if project performed with current firm Contract Manager: Ms. McRory serves as the geotechnical Contract Manager on this Hillsborough County contract that supports multiple consultants for transportation improvement projects.		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Nadia G. Locke, PE, LEED AP	13. ROLE IN THIS CONTRACT Environmental Services	14. YEARS EXPERIENCE a. TOTAL 31 b. WITH CURRENT FIRM 17	
15. FIRM NAME AND LOCATION (City and State) E Sciences, Incorporated, Fort Lauderdale, Florida			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Materials Science and Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: FL-58676	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) LEED AP Neighborhood Development; Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector #3263 and Instructor #130 OSHA 40 Hour HAZWOPER / 8 Hour Site Supervisor; NAUI/PADI Advanced Open Water Diver. Memberships: National Council of Engineers Examiners; Florida Brownfields Association; Florida Bar Environmental Law and Land Use Section; Smart Growth Partnership			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a. City of Fort Lauderdale Continuing Contract for General Environmental Services, Fort Lauderdale, Broward County, Florida (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ms. Locke serves as the contract manager for the consulting contract to conduct miscellaneous environmental services for the City of Fort Lauderdale. Services conducted include emergency response to contamination identification during construction of a fire station; environmental reviews to comply with HUD Community Development Block Grant requirements; Phase I and Phase II ESAs; Opinion of post landfill closure costs; contamination assessment and remediation design; asbestos and indoor air quality surveys; development of construction documents for working in contaminated areas; endangered species surveys, permitting and relocation; benthic surveys, NPDES (stormwater permit) support; and grant support. <i>Contract Budget/Fees: \$593,822</i>	<input checked="" type="checkbox"/> Check if project performed with current firm 2007 – Ongoing	N/A
b. City of Miami Beach Environmental Engineering Continuing Services, Miami Beach, Miami-Dade County, Florida (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ms. Locke is the contract manager for a consulting contract to conduct miscellaneous environmental services for the City of Miami Beach. Services conducted to date include Groundwater Elevations Monitoring and Mapping Project (Sea Level Rise Study), preparation of spill prevention control and countermeasure plans for 12 facilities including pump stations, fire stations, public works yard, Phase I and II ESAs for the area of the Miami Beach Convention Center, canoe/kayak launch/seawall rehabilitation permitting, tree canopy analysis, groundwater monitoring at golf courses and the fleet management facility and assessment and regulatory closure of the green waste facility. <i>Contract Budget/Fees: \$1,150,878</i>	<input checked="" type="checkbox"/> Check if project performed with current firm 2011 – Ongoing	N/A
c. General Environmental Engineering Services, City of North Miami Beach, Miami-Dade County, Florida (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ms. Locke is the contract manager for E Sciences ongoing environmental engineering consulting contract with the City of North Miami Beach. Taylor Park was slated for redevelopment when FDEP had their Brownfields contractor conduct a Brownfields Assessment of the site. The assessment revealed the presence of metals and petroleum constituents in the soil and metals in the groundwater. Assessment activities revealed the presence of buried solid waste on most of the 21.8-acre property. Since that time, regulatory issues restricted and complicated redevelopment efforts for the property. Ms. Locke was the engineer of record for the assessment and conceptual remediation design for the property. The remediation planning was closely coordinated with the community desires, the City's needs and the park master planners to ensure a solution to remedy the environmental issues in conjunction with all of the stakeholder needs. The County is now implementing the cleanup. Ms. Locke also provided project management for Phase I environmental site assessments under this contract and senior support for E Sciences' efforts to prepare a stormwater master plan, digitize their stormwater atlases and develop a stormwater management manual for staff to follow to comply with NPDES permitting requirements. <i>Contract Budget/Fees: \$366,845</i>	<input checked="" type="checkbox"/> Check if project performed with current firm 2009 – Ongoing	N/A

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
d.	Beach Corridor Rapid Transit, Miami-Dade County, Florida	5/2017 – Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Locke is the project manager for the environmental documentation to satisfy the NEPA requirements for federal funding. This project is an approximately 13-mile corridor that extends from the Miami Design District to Government Center, eastbound along I-395 to Miami Beach and north to the Miami Beach Convention Center. Several alternatives are being evaluated to provide a rapid transit solution. Funding agencies include the FDOT, Miami-Dade County and the Cities of Miami and Miami. E Sciences is now expediting permitting for the construction of the transitway across the bay. <i>Budget/Fees: \$630,480</i>		
e.	Pompano Beach CRA Continuing Contract for Environmental Engineering Services, Pompano Beach, Broward County, Florida	2010 – Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Locke is the contract manager for E Sciences' continuing services contract with the Pompano Beach CRA. Through this contract, E Sciences has conducted Phase I and II ESAs for several parcels in preparation for the CRA's redevelopment planning. Ms. Locke is working with the CRA to consider options on how to safely manage the identified contamination during the planning stages. Several of these properties are located along Martin Luther King, Jr. Boulevard, West Atlantic Avenue and North Dixie Highway. Community Gardens: E Sciences recently evaluated the suitability of three vacant, CRA-owned parcels for use as community gardens for the local school. The community gardens will be used to teach children about agriculture and healthy food choices. Vegetables grown on these lots will be used to provide fresh vegetables for families and children in the community. Broward Community & Family Health Center: E Sciences prepared Environmental Information and Documentation to satisfy Health Resources and Services Administration grant application requirements. The project was conducted to support the potential redevelopment of CRA parcels with a much-needed community health care facility. The documentation was required for the grant applicant to comply with NEPA. <i>Contract Budget/Fees: \$240,704</i>		
f.	Wynwood NW 3rd Avenue Woonerf, City of Miami, Miami-Dade County, Florida	2018 – 2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project involves the conversion of four blocks of urban hardscape in the heart of the Wynwood art district from NW 25th street to NW 29th street into a "woonerf" which is a Dutch-inspired, pedestrian friendly "living" complete street incorporating green design elements, ecological benefits, and pedestrian safety. E Sciences is providing stormwater engineering design and environmental specialist services including innovative stormwater retrofits involving Low Impact Development design for this unique, green streetscape project. Services will include environmental site analysis, canopy cover and tree evaluation including evaluation of heat island affect and considerations, energy resource considerations, vulnerabilities assessment, and community outreach and site design related to the stormwater and environmental aspects of the project. This project will feature stormwater designs conveying green infrastructure such as permeable pavement with underground storage and bio-retention planting areas; engineering; art; and climate change concepts through public education and outreach. This project will be used to demonstrate that stormwater management can also be displayed as environmental art. The final design will be presented to the Wynwood Business Improvement District. Ms. Locke is providing quality assurance oversight on this project. <i>Budget/Fees: \$21,699</i>		
g.	Fleet Management Seawall Rehabilitation for Resiliency, City of Miami Beach, Miami-Dade County, Florida	5/2017 – 1/2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm E Sciences provided environmental support as a subconsultant on this bulkhead design and repair project located for a Miami Beach Fleet Management Property within the Port of Miami, which is located within Biscayne Bay. This project was permitted twice. The initial permits were obtained to rehabilitate the dilapidated seawall; and the second set of permits reflected a new design to account for the need to adapt for the effects of sea level rise. Ms. Locke provided support and leadership on this project and assisted with the preparation of environmental permit applications to the Miami-Dade Department of Environmental Management, FDEP and USACE. She was also the project manager for the second permitting process that was conducted to account for the need to raise the elevation in anticipation of climate change. <i>Budget/Fees: \$23,277</i>		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Justin Freedman, MS, CA		13. ROLE IN THIS CONTRACT Environmental Services		14. YEARS EXPERIENCE	
				a. TOTAL 17	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION (City and State) E Sciences, Incorporated, Miami, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) M.S., Marine Biology B.A., Biology			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certified Arborist, FL 5488A; Tree Risk Assessment Qualification (ISA); FDEP Certified Erosion and Sediment Control Inspector and Instructor; Certified Manatee Observer; PADI Advanced Open Water, Enriched Air Certified Diver; Certified Landscape Inspector; Certified Green Industries Best Management Practices Instructor; Certified in Advanced Maintenance of Traffic. Memberships: Florida Chapter of the International Society of Arboriculture; International Society of Arboriculture; Florida Urban Forestry Council; Landscape Inspectors Association of Florida; South Florida Association of Environmental Professionals; Southeast Florida Coral Reef Initiative					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (City and State) Fort Lauderdale Continuing Contract for General Environmental Services, City of Fort Lauderdale, Broward County, Florida		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2007 – Ongoing		CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Fort Lauderdale Executive Airport Burrowing Owl Survey: Mr. Freedman conducted burrowing owl surveys and prepared the permit application. Benthic Surveys for Sylvan Lake Canal & Seminole River Canal: E Sciences conducted benthic resources surveys to support dredging projects in two City-maintained waterways. E Sciences' biologists snorkeled each site to observe the presence of regulated benthic resources (i.e. seagrasses, corals, etc.). E Sciences' staff provided the City reports to accompany their permit applications. Mr. Freedman managed this project task. <i>Contract Budget/Fees: \$593,822</i>		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Miami Beach Environmental Engineering Continuing Services, City of Miami Beach, Miami-Dade County, Florida		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2011 – Ongoing		CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Groundwater Elevations Monitoring and Mapping Project (Sea Level Rise Study): The purpose of the study was to evaluate low lying areas vulnerable to sea level rise within the City based on the assumption that the groundwater levels under the City are tidally influenced and therefore flooding may also be influenced or exacerbated by tidal fluctuations. To accomplish this, the E Sciences Team monitored groundwater elevations and other data over a period of seven months. The elevation data collected was used in conjunction with LiDAR topography and tidal data to model vulnerability to provide a basis for the City to determine stormwater priorities. Mr. Freedman assisted on the preparation of the report for the City. He also presented the findings of this study at the 2013 Annual South Florida Association of Environmental Professionals Symposium. Canopy Analysis: Mr. Freedman served as the senior scientist for this canopy analysis project for the City. Using i-Tree Canopy, he and his team estimated the canopy coverage for the City's urban forest, as well as percentage of available space remaining within the City for additional tree planting. Mr. Freedman developed a one-page brochure for public education documenting the information from the study. Street Tree Inventory: Mr. Freedman served as the senior scientist for two phases of street tree inventories for the City. The two phases encompassed the Normandy Shores and Normandy Isles neighborhoods. <i>Contract Budget/Fees: \$1,150,878</i>		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Districtwide Mitigation, Wildlife and Environmental Services Contract, FDOT District Four, Florida		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES 2018 – Ongoing		CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Freedman manages a five-year contract to provide mitigation and other environmental consulting services to the Planning and Environmental Management Office. Under this contract, he and his team assist the Department in identifying and developing mitigation projects to offset future unavoidable wetland impacts. Mr. Freedman's team manages the District Four mitigation ledger, provides agency coordination, conducts wetland and wildlife studies and prepares NEPA documentation. Work also includes reviewing new roadway and bridge projects for compliance with NEPA. <i>Contract Budget/Fees: \$160,732</i>		<input checked="" type="checkbox"/> Check if project performed with current firm			

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person.)

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
d.	Arborist Services for Miami-Dade Water and Sewer Department Design-Build Shenandoah Community, Miami-Dade County, Florida	2015 – 2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Freedman provided project management and technical oversight on the arborist services conducted for this project. This project included conducting an arborist assessment of existing trees in potential conflict with proposed water main and service line replacements. This assessment included extensive coordination with the design engineer to identify measures to avoid and minimize tree impacts. The arborist assessment was completed in support of a tree removal permit application prepared and submitted to the City by E Sciences. <i>Project Budget/Fees: \$30,000</i>		
e.	Broward County Continuing Environmental Services, Broward County, Florida	2012 – 2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Markham Park Target Range. In order to comply with State Best Management Practices for gun ranges, the pond and other wetlands would be backfilled to reduce the opportunity for surface water impacts, and to reduce the need to conduct dredging on future cleanups. Permitting included designing an alternate drainage system and mitigation to offset wetland impacts. Permitting agencies included SFWMD, USACE and Broward County. Mr. Freedman and E Sciences' staff conducted construction inspections and certification of the drainage system. <i>Project Budget/Fees: \$87,093</i>		
f.	Gilbert Samson Oceanfront Park Coastal Construction Control Line Permit, City of Sunny Isles Beach, Broward County, Florida	2014 – 2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The City of Sunny Isles is improving the Samson Oceanfront Park and hired a firm to design the improvements. E Sciences joined the team to provide the Coastal Construction Control Line permitting for the project. Tasks included conducting vegetative analysis and mapping for the site and preparing permit applications. Mr. Freedman served as project manager for this project. <i>Project Budget/Fees: \$32,445</i>		
g.	Historic Vizcaya Southern Lagoon & Northern Canal Tidal Swamp Landscape Environmental Restoration Plan, Miami, Miami-Dade County, Florida	2012 – 2014	South Canal – 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project involved a multi-disciplinary landscape architecture and environmental restoration plan for the waterways and tidal pool within the museum's property, which balanced ecological function with creative landscape aesthetics, recreational functions and values, and improvements to water quality, and planting designs based on historic flora inventories, including mangroves, native hardwood hammock and coastal scrub species. Mr. Freedman served as the project manager for the construction administration portion of this project, including evaluating contractor qualifications and conducting compliance inspections. <i>Project Budget/Fees: \$123,412</i>		
h.	FDOT District Four Districtwide Environmental Services Contract Broward, Palm Beach, Martin, St. Lucie and Indian River Counties	2005 – 2010	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Freedman served three days a week as in-house environmental specialist in the FDOT District Four Planning and Environmental Management Office. Tasks included performing environmental phase reviews and preparing and reviewing NEPA documentation for over 70 roadway and bridge projects including field identification of listed species habitat, wetlands, historic resources, Section 4(f) and contaminated sites. <i>Contract Budget/Fees: \$500,000</i>		
i.	Beach Corridor Rapid Transit, Miami-Dade County, Florida	5/2017 – Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project is an approximately 13-mile corridor that extends from the Miami Design District to Government Center, eastbound along I-395 to Miami Beach and north to the Miami Beach Convention Center. Several alternatives are being evaluated to provide a rapid transit solution. Funding agencies include the Federal Transit Agency, FDOT, Miami-Dade County and the Cities of Miami and Miami Beach. Mr. Freedman has been providing senior support as it relates to the natural resource impacts and with strategizing expedited permitting for the bay crossing. <i>Budget/Fees: \$630,480</i>		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
George SanJuan, President	Electrical/Mechanical Engineering	28	18

15. FIRM NAME AND LOCATION (City and State)

Delta G Consulting Engineering, Inc., Ft. Lauderdale, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

B.S.1988, A.A. 1983, LEED AP 2007

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

FI# PE 46100, VA # 0402047109

MI # 54802, S.C. # 31689

GA # 32443, TN # 111581

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Lighting controls & emergency generator training seminars. Member of NFPA.

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Promenade at Coconut Creek, Coconut Creek, Florida	PROFESSIONAL SERVICES 2007	CONSTRUCTION (If applicable)
	<input checked="" type="checkbox"/> Check if project performed with current firm Design complete M/E/P/F on this Office, parking garage, Retail and Town Center. Size is 308,521 SF. LEED Silver Certified. Engineer/Principal		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Dania Beach Library (Paul DeMaio Library), Dania Beach, Florida	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable)
	<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 10,000 SF, one-story building. The project consisted of complete site electrical infrastructure and M/E/P/FS construction documents. LEED Gold Certification is included. Engineer/Principal		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Lauderhill Municipal Complex, Lauderhill, Florida	PROFESSIONAL SERVICES 2007	CONSTRUCTION (If applicable) 2010
	<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Delta G was responsible for the M/E/P/F Design of this 40,000 SF building which included staff offices with workspaces, building department, city commission chambers and a multi-use meeting room. Earning LEED Silver for the project firmly demonstrated how taxpayer construction and maintenance costs - as well as the building's carbon footprint - were reduced. Engineer/Principal		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Weston City Hall, Weston, Florida	PROFESSIONAL SERVICES 2005	CONSTRUCTION (If applicable)
	<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A New 15,000 SF building for the City of Weston, Florida. Delta G was responsible for the plumbing design of this project. Estimated cost is \$2.2M. Engineer/Principal		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City of Miramar Fire Station #107, Miramar, Florida	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable)
	<input checked="" type="checkbox"/> Check if project performed with current firm (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The scope of work for this project was a complete code update and redesign to current codes and modifications for LEED Certification. Engineer/Principal		

4.2.4 Qualifications of the Project Team



DELTA G CONSULTING ENGINEERS, INC.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Stephen Bender, PE, LEED AP	Electrical/Mechanical Engineering	28	10

15. FIRM NAME AND LOCATION (City and State)

Delta G Consulting Engineering, Inc., Ft. Lauderdale, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

BSME 1989

LEED Accredited

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

FI PE #58998

NJ PE #41332

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Lighting controls & emergency generator training seminars. Member of NFPA.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	City of Lauderhill Golf Course Maintenance Building, Lauderhill, Florida	2017	2017
	<input checked="" type="checkbox"/> Check if project performed with current firm Services included detailed construction documents for fire sprinklers, electrical and mechanical systems with specifications and coordination with regulatory agencies and building departments for permit. Mechanical Engineer		
b.	EOC Buildout New BCAD Maintenance Building, Weston, Florida	2015	2015
	<input checked="" type="checkbox"/> Check if project performed with current firm Services included detailed construction documents for fire sprinklers, electrical and mechanical systems with specifications and coordination with regulatory agencies and building departments for permit. Mechanical Engineer		
c.	Broward County Transit Maintenance Center, Ft. Lauderdale, Florida	2013	2013
	<input checked="" type="checkbox"/> Check if project performed with current firm Provided Mechanical, Electrical, Plumbing and Fire Design for the Building. Estimated Cost of our part of this job is \$3500 for 8300 SF. Mechanical Engineer		
d.	Lago Mar Maintenance Facility, Lago Mar, Florida	2009	2009
	<input checked="" type="checkbox"/> Check if project performed with current firm This project included code compliant photometrics, fixture selection, pole selection, electrical construction documents and details Project Engineer		
e.	Sunrise Public Works Building, Sunrise, Florida	2000	2004
	<input checked="" type="checkbox"/> Check if project performed with current firm The scope of work for this project includes investigation of existing conditions, the design of electrical and mechanical systems for the implementation of emergency power distribution to all building electrical loads. Mechanical Engineer		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Craig Bozeman	13. ROLE IN THIS CONTRACT Electrical/Mechanical Engineering	14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)

Delta G Consulting Engineering, Inc., Ft. Lauderdale, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

Associates of Science in Electrical Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Broward County Judicial Center Storage Room #1791, Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Services included detailed construction documents for Fire Sprinkler systems only with coordination with regulatory agencies and building departments for permitting. Role: Project Engineer		
b.	(1) TITLE AND LOCATION (City and State) Broward County West Regional Broward Sheriff's Office Remodel, Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The 2,100 SF project included converting and existing office space into offices for Broward County Sheriff. Role: Project Engineer		
c.	(1) TITLE AND LOCATION (City and State) North Broward Detention Center, Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project was at Building 11 Pods A, B, C and D. There were 64 return air chases in which four EMT conduits penetrate the floor slab. Our involvement included providing plans and details as needed to support the replacement of the damaged section of piping, conductors, etc. Services provided included the design of Mechanical Systems. Role: Project Engineer		
d.	(1) TITLE AND LOCATION (City and State) Broward Sheriff's Office Juvenile, Center, Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (If applicable) 2009
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Services included detailed construction documents for Mechanical, Electrical and Plumbing systems with specifications and coordination with regulatory agencies and building departments for permitting. Role: Project Engineer		
e.	(1) TITLE AND LOCATION (City and State) Broward County Judicial Center Midrise Building Renovation, Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project included a complete demolition and renovation of an existing 60,000 SF space using GIM to Level 300. The project was phased as needed to accommodate the occupied building that needed to remain fully functional during construction. Services included full Mechanical, Electrical and Plumbing engineering services. Role: Project Engineer		

4.2.4 Qualifications of the Project Team

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Ricardo Torres	Electrical/Mechanical Engineering	30+	5

15. FIRM NAME AND LOCATION (City and State)

Delta G Consulting Engineering, Inc., Ft. Lauderdale, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelors - School of Architecture

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Lauderhill Fire Station #30, Lauderhill, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm Project consisted of the preparation of a Design Criteria Package for the Mechanical, Electrical, Plumbing and Fire Protection Services for a new Fire Station. Role: Plumbing Designer	
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	U-Health Plantation Women's Center, Plantation, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm Services included design of Mechanical, Electrical, Plumbing and Fire Protection Design services for the renovation of the second floor at the U-Health facility located in Plantation to accommodate a new Women's Center. Professional Fees: \$38,500 Role: Plumbing Designer	
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miramar Fire Station #107 (LEED), City of Miramar, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm Services provided included Mechanical, Electrical, Plumbing and Fire Protection design for this 13,800 SF building. Professional Services: \$38,500. Role: Plumbing Designer	
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Fort Lauderdale/Hollywood International Airport Modernization of Terminal 1, Concourse A, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm Design services included Mechanical, Electrical, Plumbing and Fire Protection services for the systems at the new Concourse A expansion to existing Terminal 1. The project is approximately 270,000 SF of expansion Southwest Airlines and the Broward County Aviation Department as required for permit and code compliance. Services included detailed construction documents, specifications and coordination with regulatory agencies and building departments for permits. Construction Costs: \$400,000 Role: Plumbing Designer	
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	North Fork Elementary School, Fort Lauderdale, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm Services included preparation of detailed construction documents for Mechanical, Electrical, Plumbing and Fire Protection systems with specification and coordination with regulatory agencies and building departments to gain the proper permits for construction. Services also included construction administration. Role: Plumbing Designer	


4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 1	
21. TITLE AND LOCATION (City and State) City of Fort Lauderdale Traffic Engineer Services Fort Lauderdale, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES N/A	
		CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Ben Rogers, Director of Transportation and Mobility	c. POINT OF CONTACT TELEPHONE NUMBER 954-828-3781	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>Traffic Consultant on the Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies.</p> <p>Our staff is acting as the staff liaison between the Transportation and Mobility Department and the Department of Sustainable Development on all development and redevelopment traffic engineering related reviews.</p>			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a. (1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime	

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 2			
21. TITLE AND LOCATION (City and State) Las Olas Boulevard Streetscape Corridor Analysis Fort Lauderdale, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Ben Rogers, Director of Transportation and Mobility	c. POINT OF CONTACT TELEPHONE NUMBER 954.828.3781			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)					
<p>The City of Fort Lauderdale commissioned this Streetscape Corridor Analysis along Las Olas Boulevard to further identify opportunities and challenges to provide key components of a vision that will ground the future development of the area. The City of Fort Lauderdale is committed to promoting safe, accessible, multi-modal travel evidenced by its implementation of Complete Streets and Vision Zero policy. As the major thoroughfare connecting Downtown Fort Lauderdale and Central Beach, Las Olas Boulevard must balance moving people efficiently through a balance of transportation needs, inclusive of pedestrian, bicycling, vehicular, and transit modes, with space programmed to safely accommodate other alternative modes of transportation such as scooters.</p> <p>A successful conceptual design as achieved through the scope of services will meet the following broad goals:</p> <ul style="list-style-type: none"> • Ensure a consensus vision that enhances the branding for the Boulevard and the City's branding as both an international destination and the place for live, work, and play in South Florida. • Create a coordinated, iconic, context-sensitive design for the five distinct character areas. • Strike a balance between the needs of drivers from the beach and the residential areas to the east, and the needs of retail, office, and public space and event uses along Las Olas Boulevard. • Develop a safe, comfortable network for pedestrians and bicyclists through the entire 2.4 mile segment that connects with other existing and planned pedestrian and bicyclist networks, as well as provide for first and last mile connections to both land and water transit services. • Coordinate a conceptual design with other planning initiatives that strive to address climate change. <p>A balance must be struck between the unique needs of people driving, people walking, people biking, and of special events while elevating the safety for all modes. This balance must also preserve the character of adjacent neighborhoods while also defining the future of this iconic boulevard. The design determined at the conclusion of this visioning process will ultimately inform the complete reconstruction of the Boulevard.</p>					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a. (1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime			

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION (City and State) Oakland Park Culinary Arts District Mobility Plan City of Oakland Park, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (if applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Jennifer Frastai, Assistant City Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954-630-4477	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>The City of Oakland Park commissioned this Transit Mobility Plan to study the multimodal needs for its Culinary Arts District. A Civic Center with great potential as a future transit hub on the proposed Tri-Rail Coastal Link, this burgeoning district is home to popular local events and regional draws such as Funky Buddha. As the District develops, main concerns include adequate provision of transportation facilities and the need to account for parking. In planning for the future, the City envisions a walkable district connected to a Tri-Rail Coastal Link Station in the center of the District.</p> 			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 4	
21. TITLE AND LOCATION (City and State) Miami Dade County SMART Plan General Planning Consultant Services Contract - North Dade Transitway Land Use Scenario, Visioning, Planning and Economic Mobility and Accessibility Plan Study Miami-Dade, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES N/A CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Miami Dade Transportation Planning Organization (TPO)	b. POINT OF CONTACT NAME Wilson Fernandez, Deputy Director of Transportation and Mobility	c. POINT OF CONTACT TELEPHONE NUMBER 305.375.1886	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Project Description: Recognizing that transit-supportive land use plays a critical role in the success of major rapid transit investments, the Miami-Dade Transportation Planning Organization (TPO) has been tasked to examine this interrelationship to complement the Strategic Miami Area Rapid Transit (SMART) Plan rapid transit initiative. The SMART Plan is intended to help achieve county and community goals through the integration of transportation, land use planning and development of strategies. The purpose of this work order is to develop a Land Use Plan for the North Corridor of the SMART Plan in support of transit.</p> <p>The Miami-Dade TPO Governing Board passed the SMART Plan on April 21, 2016 recognizing the need to address mobility needs throughout Miami-Dade County. The SMART Plan includes six (6) major rapid transit corridors and a Bus Express Rapid Transit Network. The North Corridor study focuses on providing premium transit along SR-9/SR-817/NW 27th Avenue. The North Corridor stretches 13 miles from the Miami-Dade/Broward County Line to the Airport Expressway along NW 27th Avenue. The Corridor will serve historically under-represented, low-income communities, providing the opportunity to better access jobs, as well as establishing a key regional mobility linkage for the area's job centers, stadium district, and higher education.</p> <p>The study includes public, on-street transit stations/stops located along the corridor within the study limits. The study also includes public and/or private facilities located adjacent to or off-corridor where potential park-and-ride and/or transit terminals (including the Miami Dade College North Campus) are being considered. The southern project limits included consideration of two major terminals; the MIC, and the proposed Downtown Miami Intermodal Terminal at Government Center via the Martin Luther King (MLK) Jr Metrorail Station at NW 27th Avenue and NW 64th Street.</p> <p>The purpose of this project is to develop the Transit Oriented Development (TOD), First and Last Mile (including circulator services), and Transit Hubs components to support the economic mobility and accessibility plans for the SMART North Corridor. Several studies by DTPW, the Miami-Dade TPO and other partner agencies have been completed in recent years.</p>			
 			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 5	
21. TITLE AND LOCATION (City and State) Town of Cutler Bay Traffic Engineering Services Cutler Bay, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2016 CONSTRUCTION (if applicable): N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Miami Dade Transportation Planning Organization (TPO)	b. POINT OF CONTACT NAME Rafael Casals, CFM, ICMA-CM, Town Manager	c. POINT OF CONTACT TELEPHONE NUMBER 305.234.4262	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Project Description: Traffic Consultant on the Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including in house support, DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami Dade County Department of Transportation and Public Works, FDOT District VI and other key stakeholder government agencies. The Corradino Group also completed the updates to the Transportation Element of the Growth Management Plan, the Transportation Master Plan and the Complete Streets Corridor Analysis.</p>			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)		20. EXAMPLE PROJECT KEY NUMBER
		6
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
General Transportation Planning & Traffic Engineering Studies Miami Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if appl.) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Miami Beach	Jose Gonzalez	305.673.7000 ext. 6768
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)		

Scope of Work Performed by Contractor


Gannett Fleming provided an array of general transportation planning and traffic engineering services to shape the future of transportation in this unique city. Working with the City's transportation department, elected and appointed officials, and the general public, we re-evaluated the existing transportation needs of the community and the multi-modal system that was in place, and proposed several solutions to improve transportation. Through the development of the current Miami Beach Transportation Master Plan under this contract, we actively supported the City in establishing the adopted 2035 Mode Share Vision that serves as a foundation for future decisions to promote a more sustainable transportation environment.

This vision also served as a constant reminder that the adopted 2035 Mode Share Vision served as the foundation for future decisions to promote a more sustainable transportation environment. After a comprehensive existing conditions analysis and literature review, the Study Team developed a wide-ranging project bank that was designed to tilt the mode split in favor of the adopted vision. This tilt was also enforced through suggested policy changes and programs such as the creation of bicycle and pedestrian oriented corridors, and Pedestrian Priority Zones (PPZ).



Out of the Miami Beach Transportation Master Plan two feasibility studies were recommended to determine the viability of enhancing the non-motorized environment and adding bicycle facilities along SR 907/63rd Street from Alton Road to SR A1A/Indian Creek Drive and along 23rd Street from Dade Boulevard to Beach Boardwalk. Following a typical feasibility study approach, these studies determined risks and opportunities for developing several bicycle facilities given existing conditions, adjacent proposed improvements, and stakeholder coordination. Particularly, the Study Team focused on developing well-rounded concepts that were presented to the public and decision makers via crisp, ease-to-understand visualization plots. By engaging in fruitful discussion, alternatives were modified to best accomplish the purpose of transforming these streets into bicycle corridors while mitigating potential impacts. These studies provided the team with an acute understanding of selecting the most appropriate bicycle and pedestrian infrastructure while complementing it with necessary landscaping, lighting, signage and pavement markings, and architectural features. Additional tasks under this contract included:

- West Avenue Traffic Study
- Short-Term Beach Transit Connection Study
- ITS and Parking Management System TIGER Grant Application Assistance
- North and Middle Beach Trolley Loop Routes Study
- West – Alton Bicycle Connection Alternatives Assessment
- 23rd Street Complete Streets Study
- 63rd Street Complete Streets Study

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME  Gannett Fleming	(2) FIRM LOCATION (City and State) Miami, FL
		(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION (City and State) Design Services for SR 5/US 1 from SR 862/I-595 to N. of SR 42/Broward Blvd, Henry E. Kinney Tunnel Rehabilitation Fort Lauderdale, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2019 CONSTRUCTION (if appl.): N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Fausto Gomez, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954.777.4466
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)		


Scope of Work Performed

Gannett Fleming is providing rehabilitation design services to upgrade the Henry E. Kinney Tunnel (Tunnel) for the Florida Department of Transportation. The Tunnel is 864 feet long and carries U.S. Route 1 underneath the New River and Las Olas Boulevard in downtown Fort Lauderdale.

The project is the rehabilitation of the Henry Kinney Tunnel for structural, mechanical, electrical, and life safety enhancements to meet the latest state and federal standards and guidelines, including the National Fire Protection Act (NFPA) 502I Standard for Road Tunnels, Bridges, and Other Limited Access Highways. The scope also includes installation of an arterial ITS along SR5/US-1 from SR-862/I- 595 to SR-842/Broward Blvd to provide corridor-wide traffic incident management, including within the Henry Kinney Tunnel, for integration with the Florida Department of Transportation (FDOT) District 4 Traffic Management Center (TMC). Roadway improvements are limited to milling and resurfacing of the existing asphalt pavement and improvements to pedestrian facilities per American with Disability Acts (ADA) along US-1 between SE 6th Street to SE 2nd Street for the tunnel open ramp sections (approaches). Signing and pavement markings will be upgraded for the approaches to the tunnel and adaptive signal control modification is proposed for the traffic signalized intersection north and south of the tunnel.

Additionally, in conjunction with the City of Fort Lauderdale through a local fund agreement (LFA), a pedestrian plaza will be constructed above US-1 at Las Olas Blvd by extending the tunnel to the north of the portal and improving the intersection of SE 6th Avenue and Las Olas Blvd. The City of Fort Lauderdale will also be improving the Las Olas Blvd streetscape between the pedestrian plaza and the New River. These improvements include the raising of the intersection of Las Olas Blvd and SE 6th Avenue with patterned pavement and sidewalk, and the lowering of the tunnel north ventilation building and FPL vault at Laura Ward Riverwalk Plaza.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME  Gannett Fleming	(2) FIRM LOCATION (City and State) Miami, FL
		(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one section f for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8		
21. TITLE AND LOCATION <i>(City and State)</i> Forward Pinellas Vision Zero (Pinellas County, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION <i>(if applicable)</i></td> </tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Forward Pinellas	b. POINT OF CONTACT NAME Sarah Caper	c. POINT OF CONTACT TELEPHONE NUMBER (727) 464-5695		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

Scope

Fehr & Peers worked closely with Forward Pinellas to prepare an MPO led Vision Zero Plan for Pinellas Count. Forward Pinellas' role as a metropolitan planning organization provided a unique, regional opportunity to organize and activate partner agencies, local stakeholders, and community groups around Vision Zero. However, because Forward Pinellas is not an operating or implementing agency, achieving buy-in from partner agencies that operate, maintain and build transportation facilities in the county was be essential. The project approach was tailored to bring stakeholders together, build and train a Vision Zero Task Force, and empower member agencies to become enduring champions of Vision Zero. A mixture of public outreach was conducted, including capacity building sessions for task force members, pop-up events, and demonstration projects. A Vision Zero Action Plan with a toolbox out countermeasures, and funding strategies was developed.

Cost

\$225,363

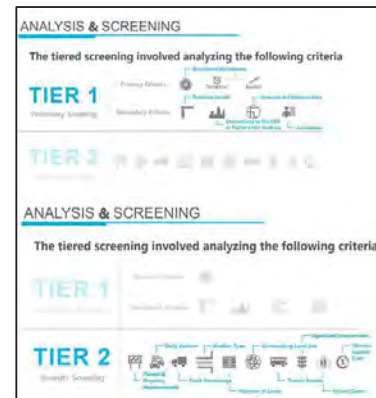
a.	(1) FIRM NAME Fehr & Peers	(1) FIRM LOCATION <i>(City and State)</i> Orlando, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(1) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(1) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(1) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION (City and State) Reversible Lanes along Major Thoroughfares (Traffic Study), City of Miami		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2016 CONSTRUCTION (If applicable):
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT/Gannett Fleming	b. POINT OF CONTACT NAME Carlos Cejas	c. POINT OF CONTACT TELEPHONE NUMBER (786) 845-9540
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

CALTRAN proposed a new methodology for Miami- Dade County roads and highways in order to evaluate the corridor's eligibility to have the reversible lanes in peak hours. The methodology will facilitate the analysis for the corridor's reversible lanes based on geometrical characteristics that include number of lanes and medium type. The process also involved population, potential transit impact, left turn movements, parallel roads, existing signal assemble and prompt deployment timeframe.

Total Cost: 19,990.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME CALTRAN Engineering Group, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida
		(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION (City and State) City of Hollywood Barrier Island and Lakes Community Planning Study Hollywood, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Hal King, CAPP, Parking Administrator	c. POINT OF CONTACT TELEPHONE NUMBER 954-921-3535
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The Hollywood Beach area offers various recreational, cultural, shopping, and dining venues for residents and visitors alike. Recent development has taken advantage of the location on the barrier island as evidenced by the numerous new residential and hotel projects. Infrastructure upgrades and streetscape improvements would reduce the number of on street parking.

To assist the City to gain a better understand their parking challenges, Walker conducted a comprehensive parking study on the Barrier Island and the Lakes Community area. The study results were reviewed and vetted with City parking staff as well as various community stakeholder groups. These discussions helped to project future parking requirements and parking policies that would utilize the existing and future parking supply more effectively.

The outcome of the study provided the City with strategies to address future parking needs and implement parking policies and strategies that are appropriate for the shape and size of the area and reflect future development patterns and public improvements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Walker Parking Consultants/ Engineers, Inc.	(2) FIRM LOCATION (City and State) Tampa, Florida	(3) ROLE Parking Analysis, Consulting and Planning
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>			20. EXAMPLE PROJECT KEY NUMBER 11			
21. TITLE AND LOCATION (City and State) City of Aventura Traffic Engineering Services City of Aventura, FL			22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016-Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2016-Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2016-Ongoing	CONSTRUCTION (If applicable) N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of Aventura		b. POINT OF CONTACT NAME Joanne Carr, AICP, Community Development Director		c. POINT OF CONTACT TELEPHONE NUMBER 305.466.8940		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>Serving as a general planning consultant, Corradino assisted with a myriad of special projects, including mobility, traffic, transit, bicycle and pedestrian.</p> <p>Corradino also provided traffic consulting services, acting as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami-Dade County Department of Transportation and Public Works, FDOT District VI and other key stakeholder government agencies.</p> <p>Part of the general planning services was a grant-funded report evaluating the City's existing bicycle and pedestrian network, as well as previously planned projects to connect the various plans into one comprehensive interface. A core emphasis of the Unified Master Plan for Bicycle & Pedestrian Connectivity is the future development of the Tri-Rail Coastal Link Station, and an emphasis was placed on ensuring connections between the mall/planned station area and the local neighborhoods within the City.</p>						
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT						
a.	(1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Prime			

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <small>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</small>		20. EXAMPLE PROJECT KEY NUMBER 12					
21. TITLE AND LOCATION (City and State) City of Doral Transportation Planning and General Engineering Services Doral, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2005</td> <td>2015</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2005	2015
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2005	2015						
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER City of Doral	b. POINT OF CONTACT NAME Carlos Arroyo, Public Works Director	c. POINT OF CONTACT TELEPHONE NUMBER 305.593.6740 x6000					
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> <p>As the transportation, planning and general engineering consultant, The Corradino Group, Inc. (Corradino) developed the City's first transportation master plan, reviewed developments, traffic impact analysis, developed one of the most successful municipal circulator systems, and provides in house staff to assist in day to day planning and engineering functions including General traffic engineering services to include, but not limited to, traffic counts, field observations, roadway capacity/level-of-service (LOS) analyses, traffic surveys, road safety analyses, parking and site plan studies/reviews, review of traffic impact analyses of proposed land developments, etc.</p>							
							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime				


4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 13	
21. TITLE AND LOCATION (City and State) Homestead Development General Planning Services Homestead, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2007 - Ongoing CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Homestead	b. POINT OF CONTACT NAME David Hennis - Planning & Zoning Department Assistant Director	c. POINT OF CONTACT TELEPHONE NUMBER 305.224.4524	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>In 2014, The Corradino Group, Inc. (Corradino) was tasked with completing Comprehensive Plan Future Land Use Plan Map amendments, the rezoning of City-owned properties in Downtown Homestead and, amending the zoning code to allow for certain public and retail/entertainment facilities. Additionally, Corradino has worked for the City of Homestead since the mid 1990's having completed several planning and engineering studies in and around the City including a city-wide gateway signage project, the Transportation Element to the Comprehensive Plan and the design of the Campbell Drive/Florida's Turnpike interchange. In 2007, the firm was hired to its current General Planning Services Contract.</p> <p>In this contract Corradino serves in several capacities. Joseph M. Corradino, AICP has served since 2011 as the City's Development Services Director. In this position, he oversees the Business Licensing Division, the Planning and Zoning Division and the Building Division. This Department has a combined budget of nearly \$2 million. This year it issued nearly 5,000 permits, and over 13,000 inspections, generating nearly \$4 million in revenue. The Department renews nearly 2,500 business licenses and processes nearly 80 public or administrative hearings annually.</p> <p>Corradino's staff works seamlessly with City staff and management to assure that this very important department is able to move development forward in an efficient and effective manner, as long as applicants are adhering to the City's code. Corradino provides planners to review public hearing applications as part of the City's cost recovery process. In this capacity, Corradino's Planners review all manner of applications including site plans, variances, certificates of use, special exceptions, planned unit developments and traffic impact analyses. In addition, Corradino handles special projects that have included annexation analyses, zoning code chapter revisions, a public art master plan, comprehensive plan amendments, and zoning and land use map changes.</p>			
 			
  			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME The Corradino Group, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime



4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 14	
21. TITLE AND LOCATION (City and State) City of Weston Traffic Engineering Services Weston, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Weston	b. POINT OF CONTACT NAME Karl Thompson, PE, Assistant City Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954.385.2600	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>City Traffic Engineer on this Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies. Served as City Traffic Engineer for traffic and plan reviews as part of the Development Review Committee. Assisted in the updating of the City's Transportation Element as part of the Comprehensive Plan. Prepared grant submittals for City projects for inclusion in the Complete Streets and Other Localized Initiatives Program (CSLIP). The City of Weston was granted funds for the first four CSLIP grant cycles in 2015, 2016, 2017 and 2018.</p>			
			
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Project Manager


4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 15					
21. TITLE AND LOCATION (City and State) City of Pembroke Pines Traffic Engineering Services Pembroke Pines, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2019</td> <td>N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2019	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
2019	N/A						
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER City of Pembroke Pines	b. POINT OF CONTACT NAME Karl Kennedy, PE, City Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 954.518.9040					
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>City Traffic Engineer on this Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies.</p>							
							
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a.	(1) FIRM NAME (1) FIRM NAME	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Project Manager				

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 16	
21. TITLE AND LOCATION (City and State) Indiantown Road Corridor Study Jupiter, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Town of Jupiter		b. POINT OF CONTACT NAME Thomas Driscoll, PE, Director of Engineering, Parks and Public Works	
		c. POINT OF CONTACT TELEPHONE NUMBER 561.741.2215	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Traffic Engineer for roadway and pedestrian improvements to Indiantown Road from the east right of way (R/W) of US-1 to the west R/W of SR A1A. The task work order included traffic engineering services for a corridor analysis, speed study, and pedestrian study; Civil Engineering services for roadway, drainage, signing and pavement marking design and permitting; Landscape Architecture services; Geotechnical and Subsurface Utility Engineering services in order to prepare construction documents for Indiantown Road within the limits noted above in accordance with FDOT LAP criteria. The corridor analysis was prepared as a basis of design report to adequately space a new raised median with turn lanes. The corridor analysis was used by the Town to discuss potential ingress or egress access changes with the residents and businesses. The speed study was prepared along the Indiantown Road segment between US-1 and SR A1A in order to define the current 85th percentile speed since the Town desires to lower the speed limit along this segment of Indiantown Road from 45 mph to 30 mph. The Consultant collected speed and volume counts and analyzed the traffic data and provide the 85th percentile travel speeds for each Indiantown road segment. A traffic study memorandum documenting the findings was provided including recommendations based on the identified 85th percentile travel speeds and traffic volumes from the traffic data collection for each road segment location. CGA traffic engineers will review the criteria established in the current FDOT Manual on Speed Zoning for Highways, Roads and Streets in Florida and the Manual of Uniform Traffic Control Devices (MUTCD) for the establishment of a future speed limit along Indiantown Road between US-1 and SR A1A. The speed study checked the 85th percentile speed for the segment of Indiantown Road just west of US-1. Consultant collected pedestrian crossing counts in order to determine the optimal placement of a midblock crosswalk. Six</p>			
		<p>pedestrian zones (approximately 300 to 400 LF in length) were established along the Indiantown Road corridor where pedestrian crossings were collected. Video cameras were placed midway between the two zones in order to capture the pedestrians crossing Indiantown Road. The pedestrian crossings were reviewed against the minimum thresholds outlined in 3.8.5 (3b) of the FDOT Traffic Engineering Manual. Consultant evaluated if there are enough pedestrians crossing in a single hour or for any two or three hours per the Traffic Engineering Manual thresholds in order to warrant the placement of a mid-block crosswalk.</p>	
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a. (1) FIRM NAME		(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	
		(3) ROLE Project Manager	

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 17	
21. TITLE AND LOCATION (City and State) Andrews Avenue Complete Streets Improvements Oakland Park, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Oakland Park		b. POINT OF CONTACT NAME Jennifer Frastai, Director of Engineering and Community Development	
		c. POINT OF CONTACT TELEPHONE NUMBER 954.630.4477	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Lead Traffic Engineer who prepared the traffic study which evaluated the need for mid-block crosswalks along a stretch of Andrews Avenue between Oakland Park Boulevard and Prospect Road. Consultant completed a safety analysis including review of crash history along the corridor using Signal Four Analytics. Consultant evaluated the proposed midblock crosswalk locations based on criteria of the Traffic Engineering Manual and Manual on Uniform Traffic Control Devices per Broward County Traffic Engineering Division. Consultant collected pedestrian traffic data including four-hour pedestrian volume counts at ten (10) proposed mid-block crossing locations and 24-hour bi-directional traffic counts were collected for Andrews Ave between Oakland Park Boulevard and NW 38th Street and on Andrews Avenue south of Prospect Road. Consultant also evaluated the traffic operational conditions at the four signalized intersections along Andrews Avenue at Prospect Road, NE 38th Street, and E. Oakland Park Boulevard to determine the optimal signal timings and the appropriate length of future dedicated turn lanes. Design plans were developed for the transportation infrastructure improvements.</p>			
			
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Fort Lauderdale, Florida	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Project Manager


4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 18	
21. TITLE AND LOCATION (City and State) Downtown Boca Raton Traffic Study Boca Raton, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Boca Raton	b. POINT OF CONTACT NAME Maria Tejera, City Traffic Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 561.416.3385	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Consultant was selected to provide traffic engineering and transportation planning services for the traffic analysis of numerous intersections in the Downtown including Palmetto Park Road and NE/SE 5th Avenue. The traffic study examined the safety and the operation of the intersection of Palmetto Park Road and NE/SE 5th Avenue and enumerated at least three viable improvement concept plans. The intersection of Palmetto Park Road and NE/SE 5th Avenue is in the heart of the Downtown area and a part of the Boca Raton Downtown Development of Regional Impact (DDRI). The stretch of Palmetto Park Road between Mizner Blvd and NE/SE 5th Avenue is also a part of the Boca Raton Pedestrian Promenade Vision for Downtown with a goal of being a welcoming place for vehicles and pedestrians. NE/SE 5th Avenue and the intersection roadways just to the north of Palmetto Park Road are implementing the Context Sensitivity/Livability and Complete Streets with certain recreational destinations like Lake Wyman Park within this corridor. The limits were extended to include a couple of other intersections to determine the traffic intrusion along NE/SE 5th Avenue from the US-1 intersection. The extended limits and other intersections including NE/SE Mizner Blvd. provided current information on the traffic movements at that intersection with Palmetto Park Road.</p>			
<p>One other local issue that affected the study area and all coastal communities in South Florida is the regularly scheduled bridge openings to allow for the maritime traffic on the intercostal waterway. This occurs just east of the intersection of Palmetto Park Road and NE/SE 5th Avenue. During field visits at the time of the study, it was observed that westbound vehicles were backing up on to the bridge approach during peak periods. The results of the traffic analysis/study were presented to the City Council where they expressed consensus in supporting several short-term improvements and provided direction to city staff to move forward with the following in the Downtown:</p> <ul style="list-style-type: none"> • Re-establishing left turn lanes along 5th Avenue & Palmetto Park Road • Re-establishing left turn lanes along Palmetto Park Road/Mizner Blvd • Adding preemptive signals/adaptive signals • Adding traffic operations center staff <p>The final report recommended re-establishing left turn lanes along Palmetto Park Road which required the removal of landscaped medians, which were originally intended to slow traffic and create a more walkable Downtown area. Multiple public workshops were facilitated for this project which provided extensive public sentiment and input. The City of Boca Raton staff was directed by the City Council to move forward with the design and construction of the left turn lanes which will improve the traffic flow on Palmetto Park Road. The design, engineering and construction of this improvement project was completed. Additional improvements to the intersection of Palmetto Park Road and NE/SE 5th Avenue including the modification of the existing lane geometry including the addition buffered bicycle lanes on both NE and SE 5th Avenue south Boca Raton Boulevard were also proposed. These supplemental improvements will require right of way acquisition by the City of Boca Raton and are still being considered.</p>			
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
		Fort Lauderdale, Florida	Project Manager

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY NUMBER 19	
21. TITLE AND LOCATION (City and State) Fort Lauderdale Transit Master Plan Fort Lauderdale, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable) N/A		
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Ben Rogers, Director of Transportation and Mobility	c. POINT OF CONTACT TELEPHONE NUMBER 954.828.3781		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)				
<p>Consultant assisted the City of Fort Lauderdale and the Downtown Fort Lauderdale Transportation Management Association (DFLTMA) with long range system planning for the future upgrades to the Community Bus System. The City of Fort Lauderdale was a sub-recipient of a two-year Federal Transportation Administration's (FTA) New Freedom Grant through the South Florida Regional Transportation Authority (SFRTA). The Consultant conducted an analysis of the City's community bus system which included a review of the current service and development of a comprehensive strategy to create a sustainable, efficient, and customer-centric transit service. Consultants scope of work included the development of a community bus master plan, five-year financial plan, transit needs analysis, operational analysis & route review, security and system safety program plan, fleet replacement plan, staffing plan, and the development of performance measures.</p> <p>The Final report included Short Term Plan Recommendations, Long Term Vision Recommendations, Capital and Policy Recommendation, Long Term Vision Implementation, 10 Year Vehicle Plan and a 10 Year Staffing Plan.</p>				
				
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Project Manager	

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 20	
21. TITLE AND LOCATION (City and State) Fort Lauderdale Transportation and Mobility Transportation Manager Fort Lauderdale, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Ben Rogers, Director of Transportation and Mobility	c. POINT OF CONTACT TELEPHONE NUMBER 954.828.3781	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Consultant served as the Transportation Manager for the City of Fort Lauderdale Transportation and Mobility Department managing the traffic engineering, transportation planning and traffic design program. Developed the Uptown Link and Route Extensions for the Downtown Fort Lauderdale Transportation Management Associations' Citywide Sun Trolley community bus service, developed and submitted relevant grant applications for transportation and transit projects including TIGER, Transportation Enhancement, EPA Green Streets and FTA New Freedom, developed the key citywide long-range transportation plan including the 2015-2035 comprehensive strategic multimodal program entitled Connecting the Blocks- Creating Options for Moving People, created the City's Complete Streets Guidelines and managed the citywide review of all transportation elements of the Development Review Committee to determine traffic impacts for new development projects in the City.</p>			
			
PROJECT MANAGER, ERIC CZERNIEJEWSKI, PE, ENV SP - INDIVIDUAL EXPERIENCE			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida	(3) ROLE Project Manager


4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)</i>		20. EXAMPLE PROJECT KEY NUMBER 21
21. TITLE AND LOCATION (City and State) General Planning Consultant Services (GPC-VI) Miami-Dade County, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (if appl.) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Miami-Dade TPO	b. POINT OF CONTACT NAME Oscar Camejo	c. POINT OF CONTACT TELEPHONE NUMBER 305.375.1837
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)		

Scope of Work Performed by Contractor

Gannett Fleming, as the General Planning Consultant to the Miami-Dade TPO, provided technical support to the transportation planning process to improve the Miami-Dade transportation system; as an integral part of the Unified Planning Program and to respond to technical requests. We conducted a wide range of specialized transportation planning studies to explore improvements to the regional transportation system. Working directly with the TPO, concise analyses of transportation planning concepts are explored. Task work orders under this contract included:

- PortMiami Feasibility Study:** The Miami Dade TPO through their General Planning Contract performed a comprehensive study to examine the potential for providing a mass transit connection between PortMiami and Downtown Miami. The study evaluated various transit modes, routes, and combinations of premium transit services to/from PortMiami. The feasibility study was performed in two Tiers with Tier 1 considering eight alternatives with four different transit modes and Tier 2 considering four alternatives with three different transit modes. Ridership forecasts were developed for each alternative along with preliminary operating plans, capital costs, operating and maintenance costs, travel time, system capacity, and impacts. The study also analyzed the viability of utilizing the existing Port Boulevard Bridge to be retrofitted to accommodate the various transit alternatives. The study concluded with an implementation plan including a financial plan and project schedule.
- Beach Corridor Transit Connection Study:** This study examined prior study alternatives for a new light rail transit service including alignments, vehicle technologies, station locations, maintenance facility locations, operating plans, costs, and funding/financing mechanisms.
- Reversible Lanes Along Major Thoroughfares:** Gannett Fleming explored the potential for reversible lanes which is a transportation system management technique that would result in higher usage of existing transportation assets while reducing the negative impacts associated with widening existing roadway facilities. The project team evaluated roadways across the county to identify candidate roadways in Miami-Dade County and then using evaluation criteria, selected the most promising roadway segments.
- Fiscal Years 2018 and 2019 Cycle of the Interactive Transportation Improvement Program (InteracTIP) & project Tracking System:** Gannett Fleming supports and hosts the InteracTIP website for the TPO. Our firm processes downloads of the FDOT Statewide Transportation Improvement Program (STIP) for District 6 and assists the other Miami-Dade agencies in using the InteracTIP to upload their project information into the same database. Gannett Fleming generates TIP project reports for each agency, assembles the agency reports into one TIP document, prepares a Citizen's Guide version of the TIP document, produces major project reports (such as by commission districts), integrates the TIP with the interactive LRTP, and maintains the web-based application. The TPO Governing Board adopted the 2018 TIP on June 22, 2017 and recently adopted the 2019 TIP on June 21, 2018.
- Addressing Compliance of 2045 Update with Federal, State, Regional, and Local Requirements:** Gannett Fleming reviewed and evaluated new policies, programs and trends that have evolved since the 2040 LRTP including new LRTP requirements as a result of the FAST Act and Florida State requirements. Changes between MAP-21 and the FAST Act and performance measure requirements to be incorporated into the 2045 LRTP were identified. Recommendations were developed, presented and reviewed with the TPO, and incorporated into the final report. These recommendations are currently being incorporated into the 2045 LRTP development.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME  Gannett Fleming	(2) FIRM LOCATION (City and State) Miami, FL	(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)</i>		20. EXAMPLE PROJECT KEY NUMBER 22				
21. TITLE AND LOCATION (City and State) The Wave Program Management Consultant Services, Fort Lauderdale, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if appl.)</td> </tr> <tr> <td>2017</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if appl.)	2017	N/A
PROFESSIONAL SERVICES	CONSTRUCTION (if appl.)					
2017	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER South Florida Regional Transportation Authority (SFRTA)	b. POINT OF CONTACT NAME Brandy Creed, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954.788.7927				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)						


Scope of Work Performed by Contractor

Gannett Fleming supported the SFRTA with multidisciplinary project manager to supply expertise and technical and logistical support for the comprehensive implementation of several projects in the Engineering & Construction Department including the Wave Streetcar. Working under the direction of SFRTA's Director of Engineering, Gannett Fleming provided general oversight and project management of the design of these projects. We also assisted in the preliminary design; final design; procurement and

contract negotiations; technical, managerial, and administrative needs; federal reporting requirements; and construction oversight related to the projects. Gannett Fleming oversaw third party consultants, project management consultants (PMCs), and contractors related to implementation.

Gannett Fleming served as an extension of SFRTA staff as the agency procured a general engineering consultant to design the Wave Streetcar project in downtown Fort Lauderdale. Gannett Fleming personnel assisted with the development of the request for proposal and then developed an independent estimate for the project costs to manage the design effort, conduct public outreach, manage project risk, and solicit a contractor for the construction of the 2.7-mile system. Gannett Fleming personnel supported SFRTA through the transition of the project to FDOT and continued with the project as the CEI consultant with ongoing oversight of the selected consultant through the 42-month design-build period.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME  Gannett Fleming	(2) FIRM LOCATION (City and State) Miami, FL
		(3) ROLE Prime

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 23
21. TITLE AND LOCATION (City and State) Miami-Dade MPO Engineering Services of MDT Capital Improvement Plan - Beach Corridor Project Development and Environment (PD and E) and Smart Plan Bus Express Rapid Transit BERT Network Implementation	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
		CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Miami-Dade Transit	b. POINT OF CONTACT NAME Jesus Valderrama	c. POINT OF CONTACT TELEPHONE NUMBER 786-469-5291
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

For the Miami-Dade County Department of Transportation and Public Works, Cambridge Systematics, as part of a team, is conducting a alternatives analysis and Tier-two environmental impact statement for the Beach Corridor transit connection, one of six premium transit corridors that form the Strategic Miami Area Rapid Transit (SMART) plan. This corridor connects downtown Miami with the Design District and Mid-town to the north and Miami Beach to the east. The efforts include a travel market assessment, comparative assessment of seven transit modes and technologies, travel demand modeling, transit service planning and operating cost estimates, transportation impact assessment and environmental screening as well as public and agency engagement and consultation.

In addition, CS is supporting the Miami-Dade County (DTPW) on the implementation plan for the BERT (Bus Express Rapid Transit) network of nine lines that supplement the six SMART plan premium transit corridors, including NEPA coordination. For each route, CS is performing a refinement of service plan and operating cost estimates developed using Remix, as well as STOPS and SERPM ridership forecasts, and terminal operations assessments. The effort includes a Concept of Operations for buses operating on the shoulders of Interstate 195.



Project Value: \$836,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Parsons Transportation Group, Inc.	(2) FIRM LOCATION (City and State) Miami, FL	(3) ROLE Prime
b.	(1) FIRM NAME Cambridge Systematics	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Subconsultant
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">24</p>
21. TITLE AND LOCATION (City and State) Florida DOT District 4 - Districtwide Support for Data Collection and Analysis 2015- Master Plan for Transportation Systems Management and Operations (TSM&O)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Department of Transportation	b. POINT OF CONTACT NAME Dr. Min-Tang Li	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4652
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

For the Florida Department of Transportation, Cambridge Systematics as part of a team, led the development of a master plan for Transportation System Management and Operations (TSM&O) for District 4. The task included identifying a roadway network for eligible investments, and identifying and prioritizing needs – including Traffic management, Emergency Management, Transit, Freight and Work Zones – from which projects and priorities could be developed.

The geographic extent of the project covered the five counties of District Four, with initial work focusing on Broward and Palm Beach counties.

Project Value: \$175,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Gannett Fleming	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime
b.	(1) FIRM NAME Cambridge Systematics	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Subconsultant
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.
Complete one section f for each project.)

20. EXAMPLE PROJECT
KEY NUMBER
25

21. TITLE AND LOCATION (City and State)

San Francisco Travel and Loading Demand Update (San Francisco, CA)

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2018

CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

San Francisco Planning Department,
Environmental Planning Division

b. POINT OF CONTACT NAME

Wade Wietgreffe, Principal Environmental
Planner

c. POINT OF CONTACT TELEPHONE NUMBER

(415) 575-9050

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Scope

Fehr & Peers collaborated with the City of San Francisco to conduct the first citywide, data-driven study of how land use development interacts with curbside loading, and then developed a framework to estimate future curb demand in San Francisco. The study drew upon 24-hour observations of approximately 20 passenger and commercial loading zones combined with travel surveys, in order to fill in the details as to how loading activity occurs on the streets of San Francisco. This loading activity includes passengers in TNCs and private vehicles, traditional deliveries, and deliveries from new app-based on-demand services. The developed framework provides a new foundation for how both existing land uses and new development can plan for and accommodate changing loading demand for a variety of contexts. A key output of the framework is number of loading spaces required to satisfy demand by land use type (residential, commercial, retail, etc.) and by time period.

Cost

\$372,115

a. (1) FIRM NAME Fehr & Peers	(1) FIRM LOCATION (City and State) San Francisco, CA	(3) ROLE Prime Consultant
b. (1) FIRM NAME	(1) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(1) FIRM LOCATION (City and State)	(3) ROLE
d. (1) FIRM NAME	(1) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 26
21. TITLE AND LOCATION <i>(City and State)</i> Hialeah Complete Streets. Hialeah, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2016	
		CONSTRUCTION <i>(If applicable)</i> NA
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Hialeah	b. POINT OF CONTACT NAME Debora Storch	c. POINT OF CONTACT TELEPHONE NUMBER 305-492-2012
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

A Complete Streets Plan was created to ensure rail transit is connected to wide sidewalks, safe street crossings, bike lanes and public transit citywide in Hialeah. While creating two transit oriented development districts covering 313 acres for the City of Hialeah, PlusUrbia worked to ensure that these dense, mixed-use districts will be served by multimodal mobility throughout the entire 19.7 square miles of the city. The guidelines sew all the urban fabric together with a seamless system that enhances connectivity through a hierarchy of thoroughfares. Complete Streets promote healthy living options for mobility beyond the car. Their design supports compact, vibrant urban development that fosters active civic life. They also serve to safely connect parks, green space and public plazas via safe pedestrian, bicycle and transit routes. The plan for Hialeah supports the advanced concept of Complete Districts, with a proper design hierarchy to deliver complete contextual connectivity. In a Complete District a person can bike from home to work along a safe dedicated route, and switch onto a bus within the total network. Using a logical hierarchy, the concept provides total multimodal connectivity in the most efficient and safe way. The urban design fee was \$75,000. The project earned an Award of Merit from the American Planning Association Florida Chapter in 2017.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME PlusUrbia Design	(2) FIRM LOCATION <i>(City and State)</i> Miami, Florida	(3) ROLE Lead Urban Designer/sole consultant for project
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 27	
21. TITLE AND LOCATION <i>(City and State)</i> Little Havana "Me Importa" Revitalization Plan -- Phase 1. Miami, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017	
		CONSTRUCTION <i>(If applicable)</i> NA	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Health Foundation of South Florida	b. POINT OF CONTACT NAME Lindsay Corrales	c. POINT OF CONTACT TELEPHONE NUMBER 305-455-0339	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			

Served as the exclusive local planning studio for a partnership that will preserve the authenticity of Little Havana while creating design guidelines for proper growth and development. The project is related to PlusUrbia's advocacy for a complete streets approach to the pending FDOT redesign of the Calle Ocho corridor (SW 7 and SW 8 streets between SW 27 and Brickell avenues). The "Me Importa" Plan will promote: complete streets, safe crosswalks, enhanced streetscapes, civic space, green space, shade canopy and multimodal mobility. The plan, which serves many senior citizens, features universal design and access for all. It is an unprecedented project in partnership with the National Trust for Historic Preservation, which named Little Havana a "National Treasure." It focuses on healthy urban living, a goal of project partner Live Healthy Little Havana. Dade Heritage Trust is a partner in this initiative to retain character, density, scale and affordability in Little Havana. Phase 1, funded by the Health Foundation of South Florida involved outreach, evaluation of data, dozens of site visits, a media campaign, and dozens of committee/focus group meetings. The result was a daylong workshop held at historic Miami High School and attended by more than 100 direct stakeholders who live in the community. The input of Little Havana residents -- including senior citizens, families and young people -- as well as business owners, activists and city officials -- was gathered by a design team of more than one dozen professionals. The team recorded the input, mapping big ideas shared at the workshop to a map of the study area. The urban design fee was \$75,000. The project earned Dade Heritage Trust Annual Preservation Award in 2017. The plan is a finalist for the 56th International Making Cities Livable Design Awards Competition 2019.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME PlusUrbia Design	(2) FIRM LOCATION <i>(City and State)</i> Miami, Florida	(3) ROLE Lead Urban Designer/sole consultant for project
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 28
21. TITLE AND LOCATION <i>(City and State)</i> Miami Arts and Entertainment District (MAeD). Miami Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2017	
	CONSTRUCTION <i>(If applicable)</i> NA	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Omni CRA	b. POINT OF CONTACT NAME Adam Old	c. POINT OF CONTACT TELEPHONE NUMBER 305-679-6868
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

The Miami Arts and Entertainment District (MAeD) is an urban mixed-use neighborhood within the OMNI CRA, located just north of Downtown Miami. The MAeD part of the OMNI CRA is where art, events, restaurants and technology converge as a new economic hub for South Florida. PlusUrbia completed a zoning study to predict maximum build out allowed by Miami 21, tempered by height limitations to protect the scale of historic buildings on key block of North Miami Avenue. A related study created walkable complete streets with streetscapes to support sidewalk cafes and other vibrant urban activity. The MAeD district is bounded by NE 24th Street to the north, I-395 Interstate to the south, the Florida East Coast [FEC] Railway/NE 2nd Avenue to the west, and Biscayne Bay to the east. It is immediately west of the Adrienne Arsht Center for the Performing Art and surrounding development. MAeD is home to Flea Market, a monthly event that attracts gourmet food trucks, small businesses and entrepreneurs to the area. Commuter rail is provided by the School Board Station Metromover stop. The Miami-Dade County Public Schools headquarters also is in the neighborhood. The urban design fee was \$29,900.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME PlusUrbia Design	(2) FIRM LOCATION <i>(City and State)</i> Miami, Florida	(3) ROLE Lead Urban Designer/sole consultant for project
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 29				
21. TITLE AND LOCATION (<i>City and State</i>) MLK Blvd. Downtown Pompano Connectivity (Pompano Beach, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2016</td> <td>2018</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2016	2018
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)					
2016	2018					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Owner: City of Pompano Beach	b. POINT OF CONTACT NAME Horacio Danovich, CIP Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 954-786-7834				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (<i>include scope, size and cost</i>)						



Phase 1:

KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on suitability of the CRA's owned land and proposed land uses along the corridor.

Phase 2:

KEITH assembled a multi-disciplinary team including KEITH as the Prime Consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features along MLK Boulevard, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment), and significant drainage and roadway improvements.

KEITH assisted the Pompano Northwest CRA and the City of Pompano Beach with construction management of their Contractor (selected as a Construction Management At-Risk (CMAR)) throughout the 18-month schedule.

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
	KEITH	Pompano Beach, FL	Engineering, Surveying, SUE, Landscape, Planning, Construction Management

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete on Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 30				
21. TITLE AND LOCATION (City and State) Pompano Beach Boulevard Streetscape (Pompano Beach, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (if applicable)</td> </tr> <tr> <td>2013</td> <td>2016</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)	2013	2016
PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)					
2013	2016					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER Owner: City of Pompano Beach	b. POINT OF CONTACT NAME Horacio Danovich, CIP Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 954-786-7834				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size and cost)						



The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways adjacent to Pompano Beach, south of the pier to Atlantic Boulevard, including a signature plaza at the end of Atlantic Boulevard, and North to NE 5th Street. Because much of the project was located seaward of the Coastal Construction Control Line, the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Transportation Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081.

KEITH was responsible for Civil Engineering Design and Surveying for the development of a unique beach front venue including enhancement of roadway and on-street parking pedestrian streetscape/landscape, drainage improvements, relocation, utility infrastructure along Pompano Beach Blvd and underground of overhead Utilities from Atlantic Boulevard to NE 5th Street.

125. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	KEITH	Pompano Beach, FL	Civil Engineering, Surveying

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 31
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21. TITLE AND LOCATION (City and State) Iron Triangle	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER CH2M, Inc.	b. POINT OF CONTACT NAME Alfred Lurigados	c. POINT OF CONTACT TELEPHONE NUMBER (786) 507-5921

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The purpose of this project was to provide alternatives for improvements at the interchange of SR-112/Lejeune Road and Okeechobee Road. Tasks assigned to CALTRAN Engineering included evaluation of existing conditions, traffic data collection including big data evaluation for origin-destinations (HERE, Bluetooth and Streetlight), and operational analysis micro simulation model development. Additionally, provided documentation for the Design Traffic Technical Memorandum (DTTM) as well as conceptual improvements assessment for Tier 1 and Tier 2 including long and short term improvements. CALTRAN also provided final recommendations, assisted with cost estimates and supported in public involvement

Total \$ 188,000.00



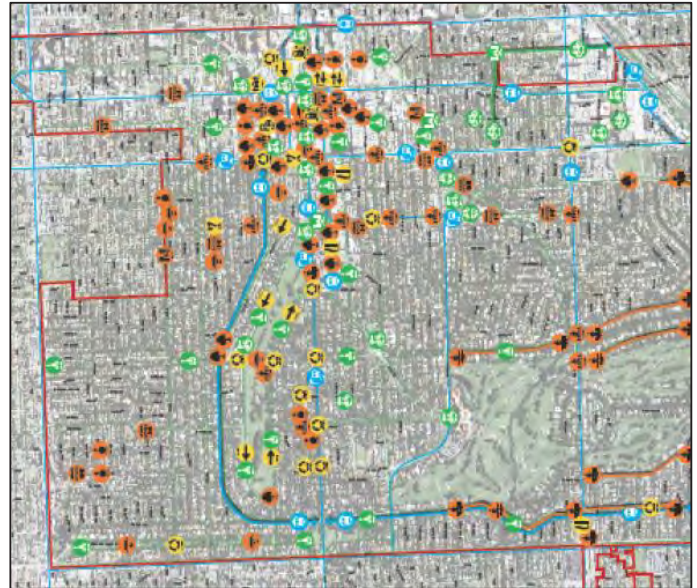
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME CALTRAN Engineering Group, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida
		(3) ROLE Sub Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 32
21. TITLE AND LOCATION (City and State) City of Coral Gables Multimodal Transportation Plan, City of Coral Gables		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2015-2017 CONSTRUCTION (If applicable):
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Coral Gables / Atkins	b. POINT OF CONTACT NAME Jack Schnettler	c. POINT OF CONTACT TELEPHONE NUMBER (813) 321-7555
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

CALTRAN was retained by Atkins Global to develop a plan that identifies and recommends the improvements necessary to develop transportation connectivity of all modes of transportation in order to provide more than one alternative. This consists of developing traffic calming studies and assist in developing a plan that outlines a transportation strategy and project prioritization method for the city to use in order to update the transportation component of the Coral Gables Comprehensive Plan to address ever-changing transportation needs by providing a safe and sustainable plan that is viable and effective with its alternatives.

Total Cost: \$38,800.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME CALTRAN Engineering Group, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 33
21. TITLE AND LOCATION (City and State) SW/SE 1 St from SW 2 nd Avenue (DDA) - 2016 Complete Street, City of Miami		22. YEAR COMPLETED PROFESSIONAL SERVICES 2016-2018 CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Downtown Development Authority	b. POINT OF CONTACT NAME Patrice Smith	c. POINT OF CONTACT TELEPHONE NUMBER (305) 379-6583
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		
<p>CALTRAN was responsible for providing traffic engineering services as part of a feasibility study to apply a Complete Street concept to SW/SE 1st Street in Downtown Miami between SW 2nd Avenue and Biscayne Boulevard. Project tasks included provided an existing condition analysis, traffic analysis for no built and built conditions, transit system operation analysis. Study recommended lane elimination and 1st bus preferential lane only in Miami-Dade County. CALTRAN was responsible for providing traffic engineering services as part of a feasibility study to apply a Complete Street concept to SW/SE 1st Street in Downtown Miami between SW 2nd Avenue and Biscayne Boulevard. Project tasks included provided an existing condition analysis, traffic analysis for no built and built conditions, transit system operation analysis. Study recommended lane elimination and 1st bus preferential lane only in Miami-Dade County.</p> <p>Total \$ 31,500.00</p>		
		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME CALTRAN Engineering Group, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida	(3) ROLE Prime Consultant
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 34
21. TITLE AND LOCATION (City and State) City of Miami Beach Parking Studies Miami Beach, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Saul Frances, Director Parking Department	c. POINT OF CONTACT TELEPHONE NUMBER 305-673-7000 ext. 6483
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Miami Beach was incorporated on March 26, 1915. The municipality is located on a series of natural and man-made barrier islands between the Atlantic Ocean and Biscayne Bay. With a population of about 88,000, Miami Beach has been one of America's pre-eminent beach resorts since the early 20th century.

Over the past decade, Walker Parking Consultants has assisted the City by conducting a series of analyses including:

- Supply/Demand Analysis
- Alternatives Analysis
- Financial Feasibility Analysis
- Valet Parking Financial Valuation Study

Walker's most recent engagement with the City was the North Beach Regional Planning Study. The City of Miami Beach engaged Walker Consultants to analyze current demand projections and project future parking demand impacts specific to the proposed development projects in the North Beach area with a variety of land uses including civic, recreational, entertainment, and educational uses that will intensify parking demand/utilization.

Walker prepared a regional analysis of the projected parking demand associated with multiple planned development projects in the North Beach area and performed a parking alternatives analysis and interim parking plan during the construction phases of the projects, including overlapping periods. Walker used regional base parking ratios, beach community transportation modal splits, and conservative captive-use adjustments gained from comparable barrier island communities to help address concerns of pending localized parking supply shortages. The resulting report provides a strategic level planning tool on a block level basis and new benchmark for where and how parking is being used within the North Beach area.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Walker Parking Consultants/ Engineers, Inc.	(2) FIRM LOCATION (City and State) Tampa, Florida	(3) ROLE Parking Analysis, Consulting and Planning
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 35				
21. TITLE AND LOCATION (City and State) City of Hollywood Nebraska Street Parking Structure Hollywood Beach, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2019</td> <td>2019</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2019	2019
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2019	2019					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Moshe Anuar, Senior Coastal Project Mgr.	c. POINT OF CONTACT TELEPHONE NUMBER 354-321-3497				
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)						

The soon to be completed Nebraska Street Parking Garage is located on Hollywood Beach along N. Ocean Drive. Constructed of cast-in-place, post tensioned concrete, the parking structure is two bays wide and 8 levels high. The garage will provide 303 public parking spaces just a short walk away from the Hollywood Beach Broadwalk, a popular oceanfront promenade that stretches nearly 2.5 miles along the Atlantic Ocean.

Decorative wall panels, powder coated aluminum screen panels and backlit exterior signage create a welcoming façade. Entry/exits are located on both Nebraska Street and Nevada Street. Pay-on-foot kiosks eliminate the need for access control gates allowing traffic to enter and exit the garage quickly. The structure also features an urban plaza area, storage area and sea turtle-friendly lighting that won't draw hatchlings away from the ocean during nesting season.

Size: Eight parking levels with 303 spaces.

Cost: \$15 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Walker Parking Consultants/ Engineers, Inc.	(2) FIRM LOCATION (City and State) Tampa, Florida	(3) ROLE Parking Consulting, Functional Design Structural Engineering, M/E/P Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 36		
21. TITLE AND LOCATION (City and State) City of Fort Lauderdale, Las Olas Blvd Garage Fort Lauderdale, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If applicable) 2018</td> </tr> </table>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018
PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Tom Green, PE Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954-828-4008		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)				

The Las Olas Blvd Parking Garage is located at the northeast end of the Las Olas Blvd Bridge along the Intracoastal Waterway. The most prominent feature of the new garage is the LED display that surrounds the exterior. The LED display creates a lightshow with a variety of effects including ocean waves and fireworks.

The three-bay wide, 5-level high precast parking structure offers 662 parking spaces with a parking guidance system displaying parking availability in the structure. The top level of the structure is an Amenities Level that can be used for events with scenic backdrops of the Intracoastal Waterway and the City. The structure also features 24-hour security, restrooms, bicycle lockers, and sea turtle-friendly lighting that won't draw hatchlings away from the ocean during nesting season.

Size: Four parking levels with 662 spaces.

Cost: \$21 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Walker Parking Consultants/ Engineers, Inc.	(2) FIRM LOCATION (City and State) Tampa, Florida	(3) ROLE Parking Consulting, Functional Design Structural Engineering, M/E/P Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 37
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21. TITLE AND LOCATION (City and State) Museum Park Miami, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010-2013	CONSTRUCTION (if applicable) 2014-2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Miami	b. POINT OF CONTACT NAME John De Pazos	c. POINT OF CONTACT EMAIL ADDRESS jdepazos@miamigov.com
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)

Museum Park is located on the site of the former "Bicentennial Park" that essentially isolated a portion of the Downtown Miami urban fabric from its waterfront. Approximately twenty acres in size, the park sits at the terminus of Government Cut, the City's waterway axis from the Atlantic Ocean. This open space is one of the rare opportunities to public access the waterfront in Miami. The park, conceived together with the proposed Perez Art Miami Museum (completed) and the Phillip and Patricia Frost Science Museum (in construction), has become popular for residents and tourists alike, serving the booming urban district adjacent to the park space, and museum visitors. Museum Park Phase I is part of the original Master Plan concept, at a price of \$45 million. In 2010, the recession forced the City to temporarily abandon the project. In 2011-12, as the recession came to a close, the City decided to begin a scaled-down version of the original park as a first step towards eventually realizing the original Park's design intent. Savino & Miller was hired to implement this phase for \$10 Million (Baywalk, Entrance, Open Green, Museum Plaza).

Cost: \$10 Million

Size: 19 Acres

Services: Landscape Architecture: Master Plan, Paving/Site furniture consultation, Planting & Irrigation Improvements, and Construction Phase Services.

Award: 2015 FL ASLA Award of Merit



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Savino & Miller Design Studio, PA	(2) TITLE AND LOCATION (City and State) 12345 NE 6th Avenue, North Miami, FL 33161	(3) ROLE <i>Landscape Architect</i>
b.	(1) FIRM NAME	(2) TITLE AND LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) TITLE AND LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 38
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21. TITLE AND LOCATION (City and State) South Pointe Park Miami Beach, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2005-2009	CONSTRUCTION (if applicable) 2010

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME John Oldenburg, Former Assistant Director, City of Miami Beach	c. POINT OF CONTACT EMAIL ADDRESS joldenburg@balharbourfl.gov
--	---	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and cost)

South Pointe Park is designed as a dramatic, ecologically sensitive park at the south end of Miami Beach. The design is programmed to accommodate both active and passive recreation, with play fields, dune and hammock zones, a playground, and a 20 ft. wide baywalk. An important goal in the Master Plan process was to integrate the park into the urban fabric of the city by strengthening and improving the two major street axes which penetrate the park space. SMDS provided consultation for Master Site Planning, paving materials and site furniture selection, and was the primary landscape architect for the park's planting and irrigation improvements. The fast-track design process began with Master Planning in April 2005. Project was completed in May 2010.

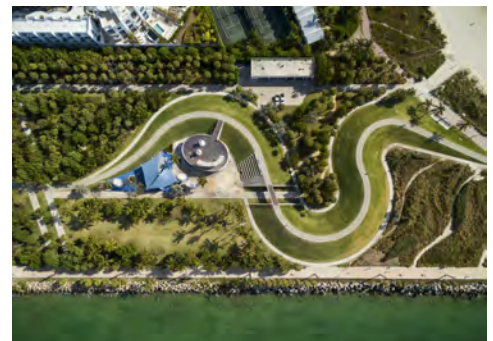
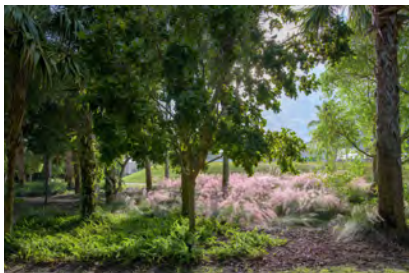
Services: Local Landscape Architect: Master Plan, Planting & Irrigation Improvements, and Construction Phase Services

Prime: Hargreaves Associates

Size: Approx. 22 Acres

Project Cost: \$20,000,000

Award: 2010 FNGA Award of Excellence



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

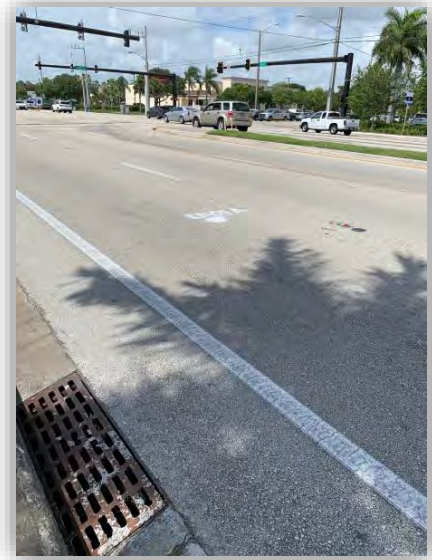
a.	(1) FIRM NAME Savino & Miller Design Studio, PA	(2) TITLE AND LOCATION (City and State) 12345 NE 6th Avenue, North Miami, FL 33161	(3) ROLE <i>Local Landscape Architect</i>
b.	(1) FIRM NAME	(2) TITLE AND LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) TITLE AND LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 39
21. TITLE AND LOCATION <i>(City and State)</i> Broward County Mast Arm Conversions, Phase II Broward County, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2015-2016 CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Broward County Highway Construction Engineering Division Client: Calvin, Giordano & Associates, Inc.	b. POINT OF CONTACT NAME Ms. Diana White, P.E. Dwhite@cgasolutions.com	c. POINT OF CONTACT TELEPHONE NUMBER 954-921-7781
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		
<p>This is a design build project to Provide professional engineering, design and construction services associated with the conversion of span-wire supported traffic signal at 20 intersections all over Broward County. CGA along with Horsepower Electric provided engineering and design services, plans preparation, field survey, utility coordination, permitting, public involvement, coordination with adjoining projects, minor roadway reconstruction and paving, signing and pavement marking, ADA compliant sidewalk reconstruction, traffic signal construction, installation of underground conduit and interconnect cable, installation of monitoring devices (video detection), installation of vehicle pre-emption systems, as built record plans, and warranty necessary to provide the traffic signalization improvements in accordance with Broward County and Florida Department of Transportation specifications.</p> 		
<p>Key Personnel: Angela Alba, PE Jessica McRory, PE Project Cost: \$4 Million</p>		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME AREHNA Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Coral Springs, Florida
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 40
21. TITLE AND LOCATION <i>(City and State)</i> Professional Services Continuing Services for Design Projects District Four, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES 2018 - Present CONSTRUCTION <i>(If applicable)</i>	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Department of Transportation Client: WSP USA, Inc.	b. POINT OF CONTACT Yamila Hernandez, PE yamila.hernandez@wsp.com	c. POINT OF CONTACT TELEPHONE NUMBER 305-514-3154
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> AREHNA has performed geotechnical explorations for a series of roadway improvements and pavement projects under this task order contract. The work includes lane widening, intersection improvements, mast arm, drainage improvements, and milling and resurfacing throughout the district. Geotechnical engineering services include drilling, laboratory testing, engineering analysis and reporting, utility coordination, permitting and (MOT) maintenance of traffic. Projects in Broward County under this contract include: <ul style="list-style-type: none"> ➤ Cordova Rd from SE 17 Street/SR-A1A to SE 15 Street ➤ University Dr from NW 28th Street to N of SR-834/Sample Road ➤ SR-820/ Hollywood Blvd at SR-9/I-95 Interchange and South 28th Avenue ➤ Sample Rd/SR-834 from NE 3rd Avenue to US-1 ➤ SR-805/Dixie Hwy from EB SR-802/Lake Ave to WB SR-802/Lucerne Avenue ➤ SR-848/Stirling Road at N 33rd Avenue/North Park Road ➤ SR-9/I-95 from S. of 10th Ave N. to SR-882/ Forest Hill Blvd. ➤ SW 64th Avenue from SW 35th St to Pembroke Road Key Personnel: Angela Alba, PE Jessica McRory, PE Andy Tao, PE Project Cost: Task Order		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME AREHNA Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Coral Springs, Florida
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>



4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 41		
21. TITLE AND LOCATION (City and State) General Environmental Engineering Consulting Services City of Fort Lauderdale, Broward County, Florida		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2011 – Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>	PROFESSIONAL SERVICES 2011 – Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2011 – Ongoing	CONSTRUCTION (If applicable) N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Mr. Larry Teich	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-7844		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost.)				

E Sciences was awarded a contract with the City of Fort Lauderdale to provide ongoing environmental engineering support during two separate consultant selection processes. The scope of the contract is broad and has provided us with a wide range of opportunities to support the City. The following summarizes some of the projects completed for the City:

NPDES Permitting Support: NPDES Permitting Support: E Sciences has worked with the City to prepare their TMDL Prioritization Plan and Assessment Program as required to be submitted within Year 1 of the City's NPDES MS4 permit. During Year 2 of the permit, E Sciences began preparing pollutant load analysis and reviewing monitoring data collected by the County to help the City understand the effects of their stormwater system improvements on neighboring waterbodies, as well as to comply with the permit. In addition, E Sciences is preparing the City's BPCP, working with multiple stakeholders in the area for effective reporting and cost savings, which will be submitted with the City's Year 3 annual report. E Sciences continues to provide on-going NPDES support as needed to the City including review annual report and SOPs to ensure compliance with permit requirements.

Bonnet House Greenway: E Sciences was engaged by the City to conduct an environmental evaluation for proposed greenway between Birch State Park through the Bonnet House Museum and Gardens property (Bonnet House) to North Birch Road to the South. The project objectives are providing connectivity from Sunrise Boulevard and Birch State Park to the island community located south of the Bonnet House property; immersing the user in the mangrove forest; maintaining a distance between the user and the Bonnet House activities and not interfering with the Bonnet House parking or landscaping. This evaluation was conducted to support a grant application for assistance under the National Park Service Rivers, Trails, and Conservation Assistance Program. E Sciences was requested to seek ways to minimize impacts to environmental resources that could be incorporated into the design of the greenway. E Sciences proposed an alternative greenway layout that would reduce mangrove impacts by shifting the greenway into disturbed uplands areas towards the south end of the greenway. This alternative layout would also result in decreased impacts to landscape trees and preserve parking areas for the users of the Bonnet House property. Design measures, including an elevated boardwalk and permeable pavement, could be implemented to further reduce impacts to natural resources.

Environmental Assessment – Grace Community Development: E Sciences was contracted to perform a HUD Environmental Review for an industrial property that was proposed to be redeveloped as a community center. The Environmental Review consisted of the Statutory Worksheet for Categorically Excluded projects. The preparation of this worksheet requires coordination with environmental regulatory agencies, including the State Historic Preservation Office, the FDEP, and the EPA. The Statutory Worksheet includes a Determination section with three options. If the project does not require mitigation for compliance with listed statutes or authorities, nor require formal permit or license, then it converts to Exempt status. Based on the proposed change in use of the property, it was determined that the project did qualify as a Categorical Exclusion and required a higher level of review. Therefore, E Sciences completed an Environmental Assessment and completion of the HUD's NEPA Environmental Assessment Checklist, including an alternatives analysis, and the Environmental Assessment Worksheet to comply with federal laws and authorities.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME E Sciences, Incorporated	(2) FIRM LOCATION (City and State) Fort Lauderdale, Florida
		(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)
		(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER 42
21. TITLE AND LOCATION (City and State) City of Miami Beach Environmental Engineering Continuing Services, Miami Beach, Miami-Dade County, Florida		22. YEAR COMPLETED PROFESSIONAL SERVICES 2011 – Ongoing CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Margarita Kruffy (Wells)	c. POINT OF CONTACT TELEPHONE NUMBER (305) 673-7010 x 6928
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost.)		

E Sciences was awarded a contract with the City of Miami Beach to conduct environmental engineering services. To date, E Sciences has provided the City with consulting services including the following:

Properties Adjacent to Miami Beach Convention Center: In preparation for redevelopment of City owned properties to enhance the convention center area, E Sciences conducted a Phase I ESA for land parcels adjacent to the Miami Beach Convention Center. These parcels included a parking lot west of the convention center, the 21st Street Community Center and Bandshell north of the convention center and the Fillmore theatre. The Phase I ESA revealed the operation of a historic golf course on the project sites. This finding was identified as a REC based on the potential historical application of herbicides and pesticides on the ground. A Phase II ESA was conducted by E Sciences to evaluate the potential presence of soil and groundwater impacts based on the historical use of



the sites. Incremental Sampling Methodology (ISM) was selected as the soil sampling approach. ISM results were indicative of the presence of arsenic concentrations above approved naturally occurring concentration criteria specific for Miami Beach. Limited groundwater impacts were detected in one area. E Sciences assisted the City in evaluating a viable development approach to address the onsite impacts. Upon coordination with Miami-Dade County RER Department, the City has elected to implement a

combination of engineering controls and source removal efforts as part of the development plan for the sites. Off-site assessment activities have been deferred to a later date. E Sciences documents were included as part of the bidding documents to provide guidance to the development contractor.

Mooring Field Feasibility Study: E Sciences prepared a feasibility study for the City to inform the decision-making process for establishing a mooring field near Sunset Harbour, a place where private boats anchor. Our subconsultant provided the marine engineering and E Sciences conducted the environmental evaluation and prepared the documentation. The analysis included permitting and regulatory requirements, funding, costs, various optional layouts and phasing. We have presented the findings in public meetings and will continue to assist the City in the process.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME E Sciences, Incorporated	(2) FIRM LOCATION (City and State) Fort Lauderdale & Miami, Florida	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 43
21. TITLE AND LOCATION <i>(City and State)</i> Singer Architects Galleria Professional Building 915 Middle River Drive Suite 404 Fort Lauderdale, Florida 33304	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Singer Architects	b. POINT OF CONTACT NAME Teen Woon	c. POINT OF CONTACT TELEPHONE NUMBER (954) 537-9136
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Professional engineering for the **Ground Transportation Booths at Terminals 1,2,3 and 4**. The project consisted of providing power and data for transportation booths, one at each terminal.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Delta G Consulting Engineering	(2) FIRM LOCATION <i>(City and State)</i> 707 NE 3 rd Ave Ft. Lauderdale, FL 33304
b.	(1) FIRM NAME Singer Architects	(2) FIRM LOCATION <i>(City and State)</i> Galleria Professional Building 915 Middle River Drive Suite 404 Fort Lauderdale, Florida 33304
		(3) ROLE M/E/P Engineering Design
		(3) ROLE Construction

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4.2.4 Qualifications of the Project Team

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 44
21. TITLE AND LOCATION <i>(City and State)</i> Orangemen Corp. 3951 SW 47 th Avenue Davie, Florida Dean@Orangemencorp.com (954)868-2040cell	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Orangemen Corp.	b. POINT OF CONTACT NAME Dean	c. POINT OF CONTACT TELEPHONE NUMBER (954) 868-2040
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Professional engineering for the **AIA Transportation Facility in Davie, FL**. The scope of work was for the installation of intakes and exhaust fans for this facility to code minimum requirements



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME Delta G Consulting Engineering	(2) FIRM LOCATION <i>(City and State)</i> 707 NE 3 rd Ave Ft. Lauderdale, FL 33304
b.	(1) FIRM NAME Orangemen Corp.	(2) FIRM LOCATION <i>(City and State)</i> 3951 SW 47 th Avenue Davie, Florida
		(3) ROLE M/E/P Engineering Design
		(3) ROLE Construction

4.2.4 Qualifications of the Project Team

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Joseph M. Corradino, AICP (TCG)	Principal-In-Charge	X	X	X	X	X	X				
Eric Czerniejewski, PE, ENV SP (TCG)	Project Manager	X	X	X	X	X	X				
Mike Ciscar, PE (TCG)	QA/QC			X	X	X	X				
Gerald Bolden, PE, PTOE (TCG)	Traffic Engineering	X	X	X	X	X	X				
Vanessa Spatafora, PE (TCG)	Traffic Engineering	X	X	X	X	X	X				
Edward Ng, AICP (TCG)	Transportation Planning	X	X	X	X	X	X				
Cecilia Villoria, PE (TCG)	Civil Engineer	X	X	X	X	X	X				
Ryan Solis-Rios, PE, PTOE (TCG)	Traffic Engineer	X	X	X	X	X	X				
Teresa Neal, AICP (TCG)	Traffic Engineer			X	X	X	X				
Mark Alvarez (TCG)	Transportation Planning			X	X	X					
Srinivas "Srin" Varanasi (TCG)	Transportation Modeling				X	X					
Scarlet Hammons, AICP CTP (TCG)	Transportation Planning	X	X	X	X	X					
Juan Sotero, PE (TCG)	Civil Engineering		X			X					
Mark Croft, PE (TCG)	CEI Services										
Kenneth Kaltenbach, PE (TCG)	Transportation Modeling				X						
Austin P'Pool, PE ENV SP (TCG)	Civil Engineering										
Caridad Mesa (TCG)	Public Involvement	X	X	X	X	X					
Carlos Cejas, PE (GF)	Project Engineer	X			X		X	X		X	
Alina Fernandez, PE (GF)	Project Engineer	X			X		X	X		X	
Alexandria Lopez, PE, PTOE (GF)	Project Engineer				X		X	X		X	
Alan Brick-Turin, PE, PMI-RMP (GF)	Project Engineer				X		X			X	
Martin Benzaquen, PE, ENV SP (GF)	Project Engineer				X		X	X		X	
Ray Stauffer (GF)	Structural							X			
Peter Haliburton, CEng (CS)	Project Engineer				X						
Karen Kiselewski (CS)	Transit Planning				X						
Michael Williamson (CS)	Transit Planning				X						
Peng Zhu, PE, PhD (CS)	Transportation Planning				X						
Venkata (Praveen) Pasumarthu, PE, PTOE (CS)	Transportation Planning				X						
Kathrin Tellez, AICP, PTP (FP)	Transportation Planning								X		
Matthew Ridgeway, AICP, PTP (FP)	Transportation Planning								X		
Alex Rixey, AICP (FP)	Transportation Planning								X		
Juan Mullerat, AIA, APA, CNU, NCI (P)	Planner		X								
Megan McLaughlin, AICP (P)	Planner		X								
Maria Bendfeldt, APA, CNU (P)	Planner		X								

4.2.4 Qualifications of the Project Team

Daniel Checchia (K)	Surveying/SUE											
Lee Powers, PSM (K)	Surveying/SUE											
Stephen Williams, Sr., PE (K)	Civil Engineering											
Juan Calderon, PE, PTOE, PTP (CEG)	Project Engineer	X			X	X	X				X	
Jeannelia Liu, PE (CEG)	Project Engineer	X			X	X	X				X	
Juan Romero, EI (CEG)	Project Engineer	X			X	X	X				X	
James Corbett, CAPP (WP)	Parking Analysis/Studies	X										X
Brian Preston, PE (WP)	Parking Analysis/Studies	X										X
Elliot Hathorn, PE, LEED AP (WP)	Parking Analysis/Studies	X										X
Adriana Savino, AIA (SM)	Landscape Architecture											
Barry Miller, ASLA, PLA (SM)	Landscape Architecture											
Kelly Hitzing, PLA (SM)	Landscape Architecture											
Angela Alba, PE (AE)	Geotechnical											
Jessica McRory, PE, LEED AP (AE)	Geotechnical											
Nadia Locke, PE, LEED AP (ES)	Environmental Services											
Justin Freedman, MS (ES)	Environmental Services											
George SanJuan, PE, LEED AP (DG)	Electrical/Mechanical Engineering											
Stephen Bender, PE, LEED AP (DG)	Electrical/Mechanical Engineering											
Craig Bozeman (DG)	Electrical/Mechanical Engineering											
Ricardo Torres (DG)	Electrical/Mechanical Engineering											
Dana Pollet (AS)	Public Involvement & Outreach Activities	X										

29. EXAMPLE PROJECTS KEY

NO.	TITLE AND EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE AND EXAMPLE PROJECT (FROM SECTION F)
1	City of Fort Lauderdale Traffic Engineering Services	6	Miami Beach General Transportation Planning & Traffic Engineering Studies
2	Las Olas Boulevard Streetscape Corridor Analysis	7	Design Services for SR 5/US 1 from SR 862/I-595 to N. of SR 42/Broward Blvd, Henry E. Kinney Tunnel Rehabilitation, Fort Lauderdale, FL, FDOT District 4
3	Oakland Park Culinary Arts District Mobility Plan	8	Forward Pinellas Vision Zero
4	Miami Dade SMART Plan General Planning Consultant Services Contract	9	Reversible Lanes along Major Thoroughfares Traffic Study
5	Town of Cutler Bay Traffic Engineering Services	10	City of Hollywood Barrier Islands and Lakes Community Planning Study

Additional Example Projects are provided in Section F.

4.2.4 Qualifications of the Project Team

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Corradino took a leadership role in the Broward County Penny for Transportation Sales Tax Ballot Initiative in 2014 and 2016. Corradino partnered with numerous Broward County public agencies including Broward County, the Broward MPO and other key stakeholders in the strategies around the passage of this key regional transportation initiative. Broward County has a detailed, 30-year Mobility Advancement Plan to implement the local one percent, 30-year surtax approved by voters in November 2018. The Mobility Advancement Program is designed to reduce traffic congestion, improve roads and bridges, enhance traffic light timing, develop safe sidewalks and bike paths, expand mass transit, fully fund special needs/ on-demand services, fully fund community shuttles, connect greenways, enhance school safety zones and fund a variety of city transportation projects.

Corradino also employs Mike Dew, former FDOT Secretary of Transportation, who is a leader in Public Policy at the local, State and National level. Mike previously worked for current United States Secretary of Transportation Elaine Chao and is a public policy leader in Safety, Complete Streets and Roadway Design. Mike's local, State and National agency contacts will be beneficial when seeking grant funding for infrastructure projects within the City.

The following is a summary of similar Large-Scale Development and Redevelopment DRC Traffic Reviews that were managed and completed by The Corradino Group's Project Manager within the last 5 years.

O (Round Corner) and O2 Mixed Use Development Traffic Review- Oakland Park (2017-2018)

Eric Czerniejewski was the Principal traffic reviewer and managed the traffic engineering services for the City of Oakland Park as part of the City Traffic Engineer Continuing Services Contract. The scope of work included review of the traffic impact analysis, site plan and offsite improvements for the development of two nearby properties for full-scale mixed-use redevelopment. The two new mixed-use development projects are located at 3101 and 3201 North Federal Highway (O project) and 3363 and 3411 North Federal Highway (O2 project) in Oakland Park, Florida.

The O (Round Corner) project consisted of the following elements:

- New L-shaped building to wrap around the Kenann and Chase Bank buildings
- 26,574 SF ground floor retail facing Oakland Park Boulevard & North Federal Highway
- 274 total residential dwelling units
- Terrace with amenities
- Garage and surface parking for 624 vehicles
- 12 stories along Federal Highway and 6 stories along Oakland Park Boulevard

The O2 project consisted of the following elements:

- New building with attached parking garage
- 165 residential dwelling units
- 31,705 SF retail
- 368 Parking Spaces
- Terrace with amenities
- 7 stories of residential along Federal Hwy and 5 stories along NE 20 Avenue
- Two retail areas on ground floor facing North Federal Highway and NE 33rd Court

CGA traffic engineers and planners provided Cost Recovery DRC traffic engineering services for the following applications related to this site:

- Comprehensive Plan Text Amendment
- New Planned Redevelopment District (PRD) Zone



4.2.4 Qualifications of the Project Team

- Site Rezoning
- Flexible Units

Challenges included ensuring proper traffic calming along NE 20th Avenue, appropriate restrictions on the site access for the parking garage at the O2 site, ride share pick up and drop off locations and a parking reduction study review for both locations.

Agency/Owner: City of Oakland Park

Agency/Owner Contact: Jennifer Frastai, Assistant City Manager

Agency/Owner Contact Phone: (954) 630-4477

Agency/Owner Contact Email: jenniferf@oaklandparkfl.gov

Type of Experience: Individual/Principal

The Shops at Sunset Place Traffic Review - South Miami (2017-2019)

Eric Czerniejewski was the Principal traffic reviewer and managed the traffic engineering services for the City of South Miami as part of a Large-Scale Development Review as part of the City Traffic Engineer Continuing Services Contract. The scope of services included review of the traffic impact analysis, site plan and offsite improvements for the redevelopment of the existing Sunset Place development. Eric Czerniejewski reviewed the applicant's traffic consultants traffic impact study methodology and ultimately the full traffic impact study, valet operational analysis and parking reduction study for the redevelopment. A review of the recommendations from the FDOT US-1 Corridor Study that would impact the adjacent roadway infrastructure.

The Shops at Sunset Place redevelopment proposed to transform the existing shopping center into a lively mixed-use, urban district featuring the addition of a substantial residential component, a hotel, restaurants, rooftop uses, cafes, retail, offices and a series of outdoor planted "living rooms" accessible for community gathering and suitable for hosting community events. The proposed redevelopment included demolishing and rebuilding significant sections of the existing shopping center in order to open it up and connect it to South Miami's existing hometown fabric. The traffic review included evaluation of multimodal elements of the existing South Dixie Highway transit corridor. The Shops at Sunset Place is within proximity to the multimodal transit center known as South Miami Station as well as the soon to-be-constructed linear park known as the Underline. The redevelopment which included new residential units, a hotel, and office development in close proximity to the Metrorail is proposed a transit-oriented development ("TOD") that seeks to decrease reliance on the automobile, reduce reliance on single-occupant automobile trips, and encourage walking and bicycling in a pedestrian friendly environment.



Challenges included the impacts to nearby schools, traffic circulation and safety issues, access management issues for all the adjacent side streets and traffic congestion along SW 58th Avenue at US-1/SW 70th Street. The 95th percentile vehicle queue stacking on SW 58th Avenue is 302 LF for a 50 LF turn lane which extended past SW 71st Street and the parking garage entrance.

Agency/Owner: City of South Miami

Agency/Owner Contact: Jane Tompkins, AICP, Planning Director

Agency/Owner Contact Phone: (305) 663-6327

Agency/Owner Contact Email: jtompkins@southmiamifl.gov

Type of Experience: Individual/Principal

4.2.4 Qualifications of the Project Team

Pompano Park Redevelopment (Live! Resorts Pompano) Traffic Review- Pompano Beach (2019)

Eric Czerniejewski was the Principal traffic reviewer and managed the traffic engineering services for the City of Pompano Beach as part of the Cost Recovery Traffic Services Contract to review the traffic impact analysis and LUPA traffic analysis and future offsite traffic mitigation improvements for the redevelopment of the existing Pompano Racetrack site.

The LIVE! Resorts Pompano planned community redevelopment is an innovative redevelopment development project located at the Pompano Park Race Track/Isle Casino property. The redevelopment is proposing a new zoning district will encourage a live-work-play atmosphere within the 221.65 acre (232.05 gross acre) site. The planned community development is intended to encourage and provide a mix of uses including world class entertainment/retail/restaurant establishments, employment-generating office use, hotel/hospitality uses to support both the entertainment/commercial uses and office uses and medium to high density residential with



neighborhood-oriented retail to complete the live-work-play concept. The redevelopment project is proposed to be buffered on all sides with multi-purpose green/open space which provides for drainage, landscaping, nature, walking and bike trails. Also, centrally located within the LIVE! Resorts Pompano development is additional active open/green space and lake which connects the various mix of uses. The LIVE! Resorts Pompano planned community development encourages alternative modes of active transportation including walking, biking, city shuttles, county mass transit and potentially rail, thus reducing the need and demand for individual vehicles and the need and demand to park all the individual vehicles. The LIVE! Resorts Pompano PCD has a city land use designation of Regional Activity Center. A land use plan amendment adjusting the level of uses within the Regional Activity Center in association with the rezoning application are proposed.

The overall full buildout of the redevelopment will be completed in two main phases and will include the following:

- 1,000,000 square feet of Commercial Recreation including the Casino, the LIVE! Venue, commercial sport venues, ancillary retail/restaurant and hotels;
- 1,400,000 square feet of Office Use;
- 300,000 square feet of Commercial Uses including retail, restaurants, cinema, neighborhood oriented commercial uses and hotels;
- 4,100 Multi-Family Residential Units; and
- Green Space/Open Space/Water.

Challenges included traffic mitigation improvements along Powerline Road, access management with FDOT and the impacts to the nearby Palm Aire community.

Agency/Owner: City of Pompano Beach

Agency/Owner Contact: Jennifer Gomez, AICP, Assistant Development Services Director

Agency/Owner Contact Phone: (954) 786-4640

Agency/Owner Contact Email: jennifer.gomez@copbfl.com

Type of Experience: Individual/Principal

4.2.4 Qualifications of the Project Team

Estates at Acquelina Traffic Review - Sunny Isles Beach (2017-2018)

Eric Czerniejewski, PE, ENV SP was the Principal traffic reviewer and managed the traffic engineering services for the City of Sunny Isles Beach as part of the Cost Recovery Traffic Services Contract to review the traffic impact analysis, valet operational analysis, site plan and offsite improvements for the redevelopment located at 17901 Collins Avenue in Sunny Isles Beach, Florida. The Estates at Acquelina project included a total of 245 residential units within two new towers and 5,000 SF of quality restaurant space. The main site access to the project is through a two-way driveway located at the east leg of the existing signalized intersection of Collins Avenue and 178th Street. The parking for the project is 100% valet. Two separate valet drop off and pick up areas were proposed, one for each tower. The on-site parking garage included 203 mechanical lifts (406 parking spaces) and 59 standard parking spaces. There are 51 parking spaces off site.

Challenges included vehicle and pedestrian interaction at both the valet arrival and drop off areas for the two towers. Another challenge was mitigating for the traffic congestion and vehicles stacking during the PM peak hour on 183rd Street at Collins Avenue. The eastbound vehicles extended past the Publix driveway on 183rd Street back to North Bay Road.



Agency/Owner: City of Pompano Beach

Agency/Owner Contact: Claudia Hasbun, AICP, Planning and Zoning Director

Agency/Owner Contact Phone: (305) 792-1740

Agency/Owner Contact Email: chasbun@sibfl.net

Type of Experience: Individual/Principal

8995 Collins Avenue - Town of Surfside (2018-2019)

Eric Czerniejewski, PE, ENV SP was the Principal traffic reviewer and managed the traffic engineering services for the Town of Surfside as part of the Cost Recovery Traffic Services Contract to review the traffic impact analysis, valet operational analysis, site plan and offsite improvements for the redevelopment of the 8995 Collins Avenue site in the Town of Surfside.



The Surf House Condominium Association, proposed a site plan to renovate an existing nine story tower by adding three additional stories while renovating both the interior and exterior of the tower, located at 8995 Collins Avenue. The existing building located at 8995 Collins Avenue was constructed in 1966 and is known as the Surf House Condominium. The applicant proposed to renovate the existing nine story building and add three additional stories while renovating both the interior and exterior. The proposed renovation and addition included 55 condominium hotel units. The existing 36 units were proposed to be

demolished. The project/application had three variances including off-street loading requirements (loading space size). The project application also included a conditional use for the alternative parking lot system (use of triple stacking lift). The applicant also requested including 25 additional feet of Town property within their application to accommodate a vehicular drop off area and landscaping. An encroachment agreement was proposed as a mechanism to address the encroachment. The encroachment agreement went into detail regarding the impact of the loss of 25 in depth of public property. The proposed encroachment usurped the Town's control of a stretch of 90th Street. The traffic review included extensive analysis of the proposed arrival and drop off valet area. The project provided only three vehicles in the drop off area

4.2.4 Qualifications of the Project Team

of the driveway. This was not practical and resulted in potential spillover of vehicles into the right-of-way creating traffic congestion. In addition the initial site plan submittal only accommodated three vehicles at the pickup and drop off area, while utilizing a triple lift system for parking. This alternative parking system stacked vehicles three high, but initially only had one lift to accommodate the cars. This caused staff to be concerned about potential encroachment into the right of way for excess vehicles. The valet analysis also did not demonstrate de minimus impacts.

Agency/Owner: Town of Surfside

Agency/Owner Contact:

Guillermo Olmedillo, Town Manager

Agency/Owner Contact Phone: (305) 861-4863

Agency/Owner Contact Email:

golmedillo@townofsurfsidefl.gov

Type of Experience: Individual/Principal



THE CORRADINO GROUP AWARDS

Corradino has received numerous awards. Many of its efforts have been groundbreaking. Some of Corradino's notable awards include:

- Corradino recently won an American Planning Association award for its Palmetto Bay Bicycle and Pedestrian Master Plan
- 2014 - Outstanding Design Award of Excellence North Miami Downtown Concept Plan (APA Gold Coast Section)
- 2012 - INDOT's Business Practices Major Engineering Awards, I-69 Table Kitchen Meetings
- 2011 - Constructech 2011 Vision Awards Engineering Silver Awarded to The Corradino Group
- 2009 - American Association of State Highway and Transportation Officials (AASHTO)'s People Choice Award for I-95 Express Lanes
- 2009 - Outstanding Smart Growth Project Award of Excellence for the City of Hialeah Automated Concurrency Management System (APA, Gold Coast Section)
- 2009 - Outstanding Transportation Study Award of Excellence Palmetto Bay Bicycle and Pedestrian Master Plan (APA Gold Coast Section)
- 2009 - TEAMFL Chairman's Award (most innovative and creative transportation project in the state of Florida) for I-95 Express Lanes Project
- 2006 - Florida Transportation Monthly (magazine), "Top 20 Consulting Firms in Florida". Corradino ranked 3rd in PD&E Contracts, and 1st in CEI Contracts
- 2004 - Florida's Best in Construction Bridge Project, Krome Avenue and Tamiami Trail in Miami-Dade County
- 2004 - Roy Kenzie Award Management Programs & Creative Partnerships Hialeah Concurrency Management Plan (Florida Redevelopment Association)
- 2004 - Outstanding Transportation Study First Place Village of Palmetto Bay (APA Gold Coast Section)
- 2002 - Phoenix Award, Recognition of Excellence in Brownfield Development, A Riverfront Reclaimed
- 2001 - Award for Outstanding Mobility Planning Project, Alton Road Traffic Calming Study for the City of Miami Beach (APA Gold Coast Section)
- 2001 - Planning Award for Outstanding Strategic Planning Project for the Miami Beach, Transportation Concurrency Management Areas to the City of Miami Beach (APA, Gold Coast Section)

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE


32. DATE

02/28/2020


33. NAME AND TITLE

Joseph M. Corradino, AICP - President

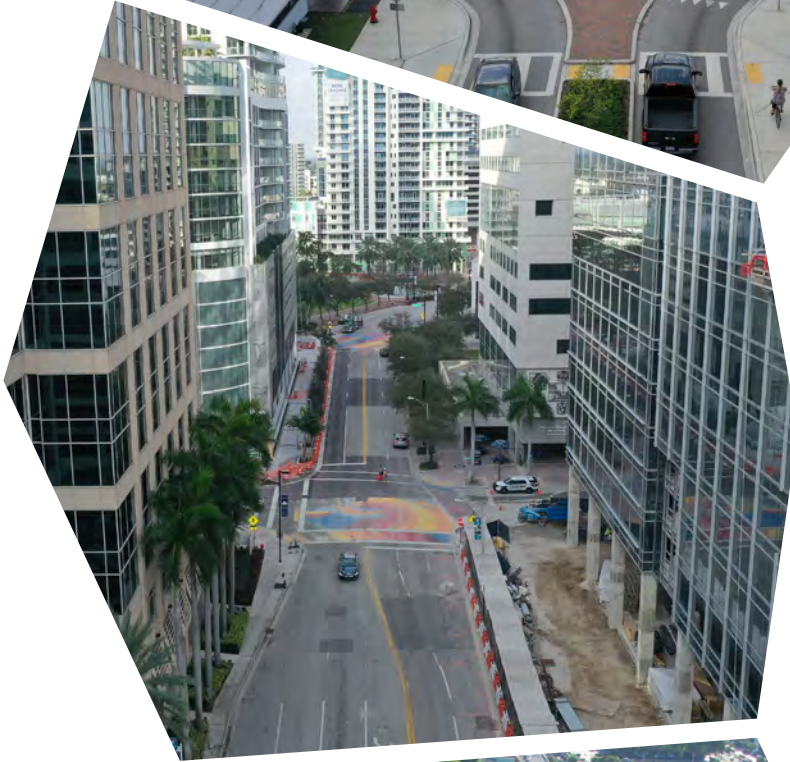
4.2.4 Qualifications of the Project Team

ARCHITECT – ENGINEER QUALIFICATIONS				SOLICITATION NUMBER (If any) 12370-206		
PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)						
2a. FIRM (OR BRANCH OFFICE) NAME The Corradino Group, Inc.			3. YEAR ESTABLISHED 1970		4. DUNS NUMBER 04-665-68150	
2b. STREET 5200 NW 33rd Avenue, Suite 203			5. OWNERSHIP Corporation			
2c. CITY Fort Lauderdale	2d. STATE FL	2e. ZIP CODE 33309				
6a. POINT OF CONTACT NAME AND TITLE Joseph M. Corradino, President			b. SMALL BUSINESS STATUS N/A			
6b. TELEPHONE NUMBER 954.777.0044		6c. E-MAIL ADDRESS jmcarradino@corradino.com		7. NAME OF FIRM (If block 2a is a branch office)		
8a. FORMER NAME(S) (If any)			8b. YR. ESTABLISHED		8c. DUNS NUMBER	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. FUNCTION CODE	b. DISCIPLINE	c. NO. OF EMPLOYEES		a. FUNCTION CODE	b. EXPERIENCE	c. REVENUE INDEX NUMBER (See below)
		(1) FIRM	(2) BRANCH			
02	Administrative	33	8	A06	Airports; Terminals and Hangars; Freight Handling	6
06	Architect	1		B02	Bridges	2
12	Civil Engineer	18	2	C15	Construction Management	6
15	Construction Inspector	41	8	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	1
16	Construction Manager	10	5	E09	Environmental Impact Studies; Assessments or Statements	5
24	Environmental Scientist	1		E11	Environmental Planning	3
38	Land Surveyor	1	1	E13	Environmental Testing and Analysis	1
47	Planner: Urban/Regional	9		H07	Highways; Streets; Airfield Paving; Parking Lots	5
48	Project Manager	22	15	P05	Planning (Community, Regional, Areawide and State)	5
53	Scheduler	3	2	R03	Railroad; Rapid Transit	2
57	Structural Engineer	5		S04	Sewage Collection, Treatment and Disposal	1
60	Transportation Engineer	15	6	T02	Testing and Inspection Services	2
62	Water Resources Engineer	2		T03	Traffic and Transportation Engineering	3
	Other Employees	3		W03	Water Supply; Treatment and Distribution	4
				Z01	Zoning; Land Use Studies	1
	Total	164	47			
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS (Insert Revenue index number shown at right)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER		
a. Federal Work		N/A		1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. 500,000 to less than \$1 million 5. \$1 million to less than \$2 million 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater		
b. Non-Federal Work		10				
c. Total Work		10				
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.						
31. SIGNATURE: 				32. DATE 02/28/2020		
33. NAME AND TITLE Joseph M. Corradino, PE - President						

4.2.4 Qualifications of the Project Team

ARCHITECT – ENGINEER QUALIFICATIONS					SOLICITATION NUMBER (If any) 12370-206	
PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)						
2a. FRIM (OR BRANCH OFFICE) NAME The Corradino Group, Inc.				3. YEAR ESTABLISHED 1970		4. DUNS NUMBER 04-665-6815
2b. STREET 4055 NW 97th Avenue, Suite 200				5. OWNERSHIP		
2c. CITY Miami		2d. STATE FL		2e. ZIP CODE 33178		a. TYPE Corporation
6a. POINT OF CONTACT NAME AND TITLE Joseph M. Corradino, AICP, President				b. SMALL BUSINESS STATUS N/A		
6b. TELEPHONE NUMBER 305.594.0735		6c. E-MAIL ADDRESS jmcarradino@corradino.com		7. NAME OF FIRM (If block 2a is a branch office)		
8a. FORMER NAME(S) (If any)				8b. YR. ESTABLISHED		8c. DUNS NUMBER
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. FUNCTION CODE	b. DISCIPLINE	c. NO. OF EMPLOYEES		a. FUNCTION CODE	b. EXPERIENCE	c. REVENUE INDEX NUMBER (See below)
		(1) FIRM	(2) BRANCH			
02	Administrative	33	17	A06	Airports; Terminals and Hangars; Freight Handling	6
06	Architect	1		B02	Bridges	2
12	Civil Engineer	18	5	C15	Construction Management	6
15	Construction Inspector	41	9	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	1
16	Construction Manager	10	4	E09	Environmental Impact Studies; Assessments or Statements	5
24	Environmental Scientist	1		E11	Environmental Planning	3
38	Land Surveyor	1		E13	Environmental Testing and Analysis	1
47	Planner: Urban/Regional	9	9	H07	Highways; Streets; Airfield Paving; Parking Lots	5
48	Project Manager	22	4	P05	Planning (Community, Regional, Areawide and State)	5
53	Scheduler	3	1	R03	Railroad; Rapid Transit	2
57	Structural Engineer	5		S04	Sewage Collection, Treatment and Disposal	1
60	Transportation Engineer	15	3	T02	Testing and Inspection Services	2
62	Water Resources Engineer	2	2	T03	Traffic and Transportation Engineering	3
	Other Employees	3	2	W03	Water Supply; Treatment and Distribution	4
				Z01	Zoning; Land Use Studies	1
	Total	164	56			
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR THE LAST 3 YEARS (Insert Revenue index number shown at right)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER		
a. Federal Work		N/A		1. Less than \$100,000		
b. Non-Federal Work		10		2. \$100,000 to less than \$250,000		
c. Total Work		10		3. \$250,000 to less than \$500,000		
				4. 500,000 to less than \$1 million		
				5. \$1 million to less than \$2 million		
				6. \$2 million to less than \$5 million		
				7. \$5 million to less than \$10 million		
				8. \$10 million to less than \$25 million		
				9. \$25 million to less than \$50 million		
				10. \$50 million or greater		
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.						
31. SIGNATURE: 				32. DATE 02/28/2020		
33. NAME AND TITLE Joseph M. Corradino, AICP - President						

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4.2.5 Approach to Scope of Work

4.2.5 Approach to Scope of Work

UNDERSTANDING OF THE CITY NEEDS AND PROJECT APPROACH

Corradino is keenly aware of the City of Fort Lauderdale's 2035 Vision Plan and the goals of the 2024 Press Play Fort Lauderdale Strategic Plan. **WE BUILD COMMUNITY** is the City of Fort Lauderdale's mission and Corradino is here to help advance that Mission. **WE ARE CONNECTED** is a Vision Idea to move seamlessly through a safe transportation system where the pedestrian is first is paramount to the transportation planning and transportation infrastructure progress currently being made in the City. The City has varied Transportation needs due to serving Port Everglades, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale Executive Airport, the Downtown Helistop, Tri-Rail, Brightline (Virgin Trains), Amtrak, Broward County bus system, Sun Trolley, the Water Taxi System and Broward B-Cycle and other micro mobility options. The City continues to advance the connected pedestrian and bicycle road network as identified in the Connecting the Blocks Multimodal Connectivity Program. It is our understanding based on the current FY 2020 Commission Annual Action Plan, Critical City infrastructure is a Priority including Las Olas Corridor and the Breakers Birch Streetscape projects. We understand that the impacts on the strategic goals include meeting the following needs, goals and objectives among other items that includes being a Vibrant World Class City:

- Improve transportation options and reduce congestion by working with partners;



- Improve roads, sidewalks, and trails to prioritize a safer, more walkable and bikeable community;
- Enhance the City's identity through public art, well-maintained green spaces, and streetscapes; and
- Ensure climate change resiliency and implement local and regional strategies to reduce our carbon footprint
- Reduce flooding and adapt to sea level rise.

The following sections will include our approach to addressing these strategic needs, goals and objectives.

★ GOAL: Build a Multi-modal and Pedestrian Friendly Community

The City recognizes the need for transportation options that are adaptive, well designed and focused on reducing traffic congestion while enhancing the pedestrian experience. The City of Fort Lauderdale established a Multimodal Connectivity Plan (Connecting the Blocks) back in 2012/2013 which established a needs assessment of Pedestrian, Bicycle, Transit and Roadway projects.



The City began improving traffic, mobility, connectivity, pedestrian and cyclist safety many years ago. This was evident in the painting of the first designated green bike lanes on NE 3rd Street between NE 3rd Avenue and US-1. These improvements were a part of the Safe Street Summit in partnership with FDOT's Alert Today Alive Tomorrow Florida's Pedestrian and Bicycle Focused Initiative. The establishment of green painted bike lanes for this block of Fort Lauderdale City streets began to change the way bicycle safety was being viewed by government agency stakeholders and the general public. The City has since continued to modify City bicycle infrastructure along numerous City blocks that align with the goals to improve traffic, mobility, connectivity, pedestrian safety and cyclist safety. These projects are filling in mobility gaps, supporting more effective interconnectivity and insuring increased and safe accessibility to activities, events and locations. The interconnectivity includes connections to the Brightline Station, Flagler Greenway F.A.T. Village Arts District and

4.2.5 Approach to Scope of Work



other adjacent communities including Wilton Manors, Oakland Park among others.

The goal to become a pedestrian friendly multimodal city starts with policy changes, none more important than the adoption of the Complete Streets Policy. Broward County and FDOT have since adopted similar policies and have adjusted the framework for the design of the Broward County surface transportation system. The use of the available right of way along each transportation corridor includes the promotion of each user including pedestrians, bicyclist, transit and roadway vehicles. Recovering some of the available right of way for certain roadway corridors can occur by eliminating unnecessary vehicle lanes in order to establish safer pedestrian, bicycle and transit facilities. FDOT has established the lane elimination program which evaluates the effect of the lane elimination project on traffic flow and safety and ensures community input has been performed. Our team includes Consultant staff that are familiar with FDOT District 4 Systems Planning office who review and approve these projects. Corradino has the knowledge and expertise to coordinate with staff at FDOT, the Broward Metropolitan Planning Organization (MPO) and the South Florida Regional Transportation Authority (SFRTA) and Broward County among other agencies to accomplish the goal to improve traffic, mobility, connectivity and pedestrian and cyclist safety. The strength of the Corradino team is the relationships with these coordinating agencies. Another key policy shift in the use of available right of way is the establishment of

4.2.5 Approach to Scope of Work

buffered bike lanes. The Complete Streets policies have created the desire for improved bicycle safety design by establishing a buffer zone around dedicated bike lanes. The additional space reallocated to provide additional buffers between vehicles and bicyclists creates a more comfortable environment for the user. Corradino is ready to help install the 250,000 linear feet of additional bicycle lanes, sidewalks and shared use paths by the year 2024 to meet the City's goals.

★ GOAL: Build a Sustainable and Resilient Community

The City of Fort Lauderdale continues to focus on improving their roadways and bridges, water and wastewater systems, and drainage infrastructure. The City is focused on improvements that make the community increasingly resilient to inclement weather, high-tides, future water demands, and a growing population. The City is prioritizing building a sustainable and resilient infrastructure.



The City has numerous examples including the State Road AIA roadway improvements that were built shortly after Superstorm Sandy hit in 2012 which included a storm surge that resulted in severe erosion and sidewalk/roadway failures. This stretch of SR AIA between Sunrise Boulevard and NE 18th Street included a lane reduction which allowed for reallocation of the road right of way for the following items:

- Constructing a wide paver brick beachfront promenade on the east side of AIA;
- Constructing a raised median in front of Birch State Park;
- Constructing median islands and left turn lanes in the residential section; and
- Installing signalized pedestrian crosswalks at Birch State Park, NE 15th Court and NE 17th Street.

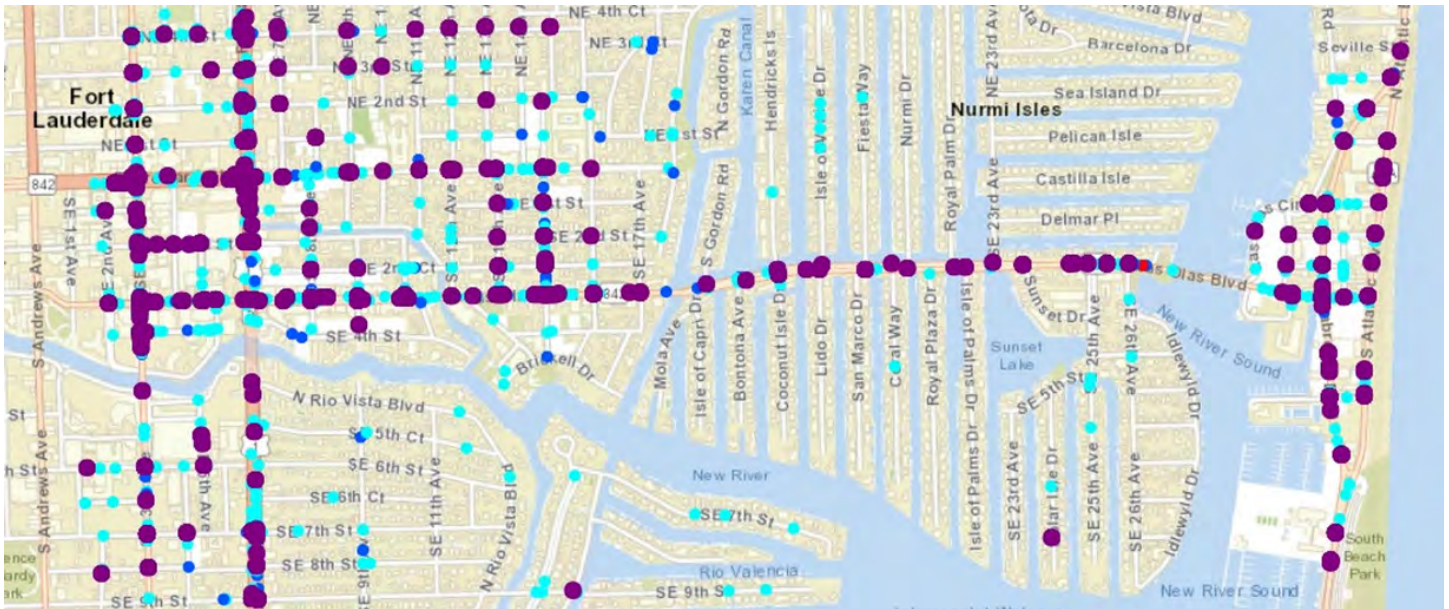


The project also included installing a new underground drainage system; relocating underground utilities; restoring beach showers; installing decorative, turtle-friendly pedestrian lighting on both sides of AIA and installing a decorative sea wall with accent lighting. This SR AIA project followed up the emergency repairs which reinforced the shoreline after the washout occurred. The interagency coordination on addressing infrastructure needs and maintenance is critical when these facilities are State or County owned. The previously mentioned SR AIA project is an example where multiple jurisdictions and agency stakeholders needed to be coordinated with. Eric Czerniejewski, Corradino Project Manager, performed a good portion of this coordination while serving as Transportation Manager at the City of Fort Lauderdale Transportation and Mobility Department. This coordination involved working directly with FDOT design division staff including FDOT, Broward County Traffic Engineering Division, and the Birch Finger Streets Homeowners Association among others. Corradino has the expertise to complete the deliverables for these infrastructure improvement projects.

★ GOAL: Improves Neighbor Safety

The City of Fort Lauderdale's goal is to complete projects that reduce and immediate or future risk or address a safety hazard or safety need. This goal aligns with the other goals previously mentioned as it addresses pedestrian and cyclist safety. Over the past five plus years the City has constructed complete streets projects that have improve pedestrian and bicycle safety where hazards previously existed. This includes the stretch of Old Dixie Highway in the Middle River Terrace Neighborhood. The City completed an extensive road transformation project that included the installation of Rectangular Rapid Flashing beacons, dedicated bicycle facilities and a traffic circle which aids in reducing the vehicle speeds along this corridor. This corridor installed midblock crosswalks in order to improve Community and Neighbor Safety. These locations provide residents access to the existing Middle River Terrace Park.

4.2.5 Approach to Scope of Work



Corradino has the expertise in evaluation of high accident/crash locations and has been using Signal Four Analytics to evaluate these locations for other municipal clients such as the City of Oakland Park, the City of North Miami Beach, the Town of Cutler Bay and the Village of Key Biscayne. Signal Four Analytics is a program developed by the University of Florida which evaluates crash data from the Florida Department of Highway Safety and Motor Vehicles. Crash Data is updated nightly and are geo-located which allows them to be shown on an interactive map and be presented as a spatial distribution of crashes. Intersection and road segment crash data analysis can be performed for certain timeframes to evaluate types of crashes (vehicle/bike/pedestrian), time of day, road condition and other variables through the use of Signal Four Analytics. Signal Four Analytics is a critical tool in synthesizing crash data and evaluating citywide assessment of locations with potential for safety improvements. This can serve as an impetus for potential Capital Improvement projects in the future. The bubbles shown on this exhibit represent the different locations with crashes and the numbers in the

	No Injury	Non-Traffic Fatality	Possible Injury	Non-Incapacitating Injury	Incapacitating Injury	Fatal (within 30 days)
Angle	193		53	24	2	1
Bicycle	7		4	11		
Head On	15		5	5		
Left Turn	119		31	16	1	1
Off Road	36		11	4		1
Other	467		39	22	4	1
Pedestrian	4		7	21	3	2
Rear End	508		94	34		
Right Turn	32		1	4		
Rollover	28			2		
Sideswipe	259		8	6	1	
Unknown	245		15	14	2	



4.2.5 Approach to Scope of Work

bubbles represent the number of crashes at the respective locations over the last 5 years. A priority list can be created for future funding based on a certain threshold value of crashes (like 50+ crashes) and study these locations for potential future capital improvement projects. The City has made it a priority to evaluate the local city street crossings with the Brightline tracks to ensure that safety enhancements are considered. A similar map/list can be generated for only bicycle related crashes to help update projects included as part of the Multimodal Connectivity Plan or even to support different multi-modal driven grants including the Broward MPO Complete Street and localized initiative program and the Broward County Municipal Surtax Capital projects. The City also installed Pedestrian safety improvements along Las Olas Boulevard with the in ground lighted crosswalks. The lighted crosswalk ensures pedestrian safety with embedded in pavement signal lights for enhancement of pedestrian crossings at night. Improving pedestrian safety at known locations of high pedestrian traffic an crossings including SR A1A near Alhambra Street is important to achieving this goal. The mid-block crossing location at SR A1A should be evaluated for potential safety enhancements in order to reduce future risk.

CORRADINO PROJECT APPROACH: IDEAS, VISION + METHODOLOGY

At Corradino, excellent Project Management skills are seen as the cornerstone to any successful project. Throughout the professional services, the Project Manager will be in regular communication with the appointed representative for the City to update them on the project's status and progress. All communication between the Corradino Team and the City staff will occur through the Corradino Project Manager. **The Corradino Team will be led by Mr. Eric Czerniejewski, PE, ENV SP as Project Manager**, who will be the central coordinator for all the activities of this project. Under his management, there will be continuous communication with the City's Project Manager and staff. The Corradino Team administration and management of this contract is based on the following elements:

- Complete understanding of the technical requirements and focus in a single area of interest;
- Objective to supply and expedite concurrent or multiple activities;
- Organization to provide flexibility;
- Experienced Team of professionals to resolve unique issues through the most innovative solutions;
- Staff that will be available day/night to meet with City staff and stakeholders at their request;
- Firsthand access to state-of-the-art technology; and
- Sheer resolution and commitment to serve the City of Fort Lauderdale.



As a result, the Corradino Team organizational management approach is based on a pro-active leadership that strives for customer satisfaction, achievement and success. The Corradino leadership is conscientious that timeliness and effectiveness to response to each of task work order is imperative for this important contract without overextending administrative costs. Our Project Manager considers that an essential element for this contract is to maintain direct lines of communication that will allow the sharing of ideas, experience, technology, and sensitivity to current economical constrains without affecting quality of services rendered to the City.



Quality Assurance (QA)/
Quality Control (QC)

Corradino's core philosophy is to provide practical solutions to even the most complex projects always addressing the schedule, budget, and quality. Corradino understands the demands of today's government, and our approach has been to ensure that we comprehend our client's goals and provide options on how to achieve them efficiently and effectively. Quality is a word used often and widely in business. However, many companies don't have an established program geared towards quality control. At Corradino, quality is taken seriously and is essential to the completion of every project.

For every Corradino project, there is a QA/QC plan that, at a minimum, includes the following:

- **Bi-weekly staff meetings** to discuss changes and active operations;
- Definition of **WHAT is to be accomplished**;
- Definition of **WHEN specific QC actions/checks are to occur**;
- Definition of **WHO is to do the QC actions and reviews**; and
- Definition of the **BUDGET for the QC actions/checks**.

4.2.5 Approach to Scope of Work



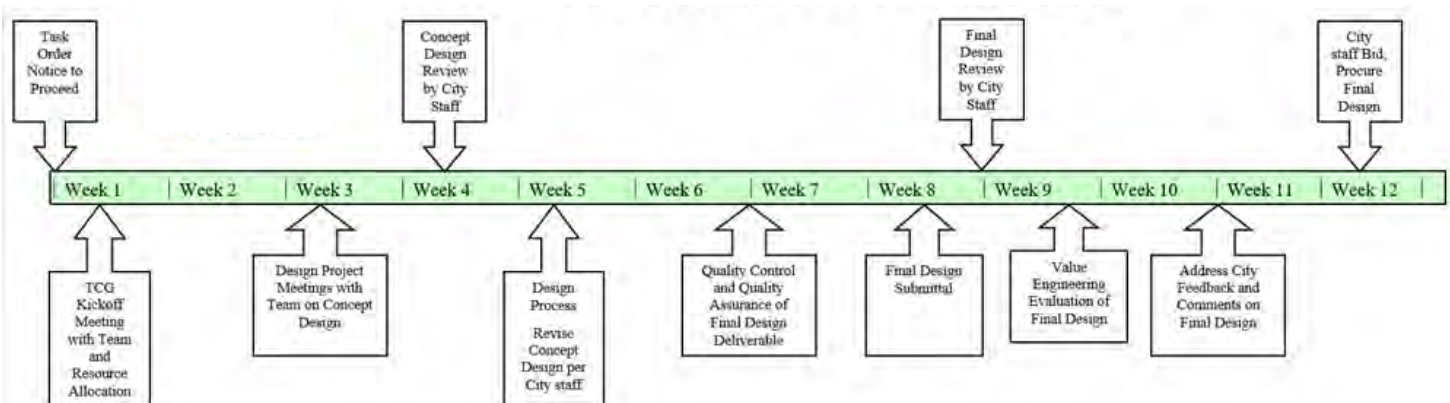
Corradino's commitment to QA/QC in the engineering process begins with management and extends to every employee on a daily basis. Prior to each submittal, an independent in-house team led by Mike Ciscar, PE will perform a QA/QC review of all plans and documents. Our reviews will also address proper documentation and record keeping. We will review the project files and record keeping, ensuring the proper documents are secured. In addition, Corradino will ensure that our entire team follows the same rigorous Quality Control process. We also require the same quality construction from the contractors, quality inspection and reporting from the inspection staff and quality management from all levels. Mark Croft, Corradino's CEI lead will perform a constructability review on all construction plan sets.



Scheduling

Corradino is committed to providing the City of Fort Lauderdale with a high-quality project by meeting the City's schedule and budget requirements, as well as, assign the most qualified and dependable staff to carry out the work required under this Contract. Corradino understands that a schedule is intended not only for the consultant, but also for the City to coordinate their resources for reviewing submittals and for reporting to other City staff and Departments. Corradino values the importance of meeting milestone dates, review dates, and final submittal dates. A sample version of a project delivery timeline has been provided for a possible safety improvement design project. It depicts the normal steps taken in execution of a task work order assignment. This scheduling timeline illustrates Corradino's methodology on effectively managing and executing scope of work in optimum time. The Project Manager will be responsible for assigning tasks to the various departments within Corradino and also to any applicable sub-consultants. At the "Kick-off Meeting", the team will be introduced to the scope, the budget and the timeline. The Project Manager will define the various elements of the projects and describe the quality control/quality assurance requirements at this meeting. The team's Project Manager will periodically review the progress of the project to assure meeting the project timeline and budget as initially approved by the City. The Project Manager will then update City Staff of the project progress. Regular project meetings will be held with City staff for all phases of the project. The Corradino Team attendees present at the meetings will be dependent on the complexity and the phase of the project. These meetings will be focused on adherence to the project timeline, quality control, budget, and on the resolution of any outstanding issues.

PROJECT DELIVERY TIMELINE



4.2.5 Approach to Scope of Work



Cost Control

It is our policy to provide the most of value engineering concepts through cost-effectiveness for the conditions given. Corradino has demonstrated these capabilities on previous projects of this type. Cost control is provided through a custom accounting system software, which tracks project costs and provides project performance and billing information. The Corradino Project Manager uses this accounting information and project status to track performance on a regular basis.



Safety

In South Florida there is a constant increase in vehicular traffic, therefore our staff has been trained to become intimately familiar with roadway conditions and characteristics, and to be capable to assess and mitigate situations that may put them at risk. Corradino understands that the safety of our staff and the general public is a main concern and our safety procedures have proven to be very effective. All staff assigned to this contract follows the Corradino general safety rules.



Workload

Corradino is here to serve the City of Fort Lauderdale and commit to delivering our task work order assignments on-time and within budget. The Corradino Team of

professionals have been selected to offer depth of available resources and the technological capabilities to serve the City in all the tasks envisioned on this Contract. Corradino and each of the subconsultants have availability for this Contract and existing workload will not impact the needs of this Contract.

CHARACTERISTICS UNIQUE TO THIS CONTRACT

The scope of services is unique and includes a variety of professional services. They include the following service types.



Development Review Committee Process

The Corradino Project Manager previously managed this Consultant Contract while Transportation Manager for the City of Fort Lauderdale and served as the Transportation and Mobility Department liaison with the Department of Sustainable Development for all traffic reviews for all development and redevelopment projects in the City. Corradino is a current provider of Traffic and Transportation Engineering and Planning Services for the City. Corradino is currently providing On Call Services including in house Support staff to the Transportation and Mobility Department including serving as the staff liaison between the Transportation and Mobility Department and the Department of Sustainable Development.



4.2.5 Approach to Scope of Work

The approach to this cost recovery element of this Contract includes the following deliverables outlined in the scope of work:

- Analyze and provide comments on development's site plans, traffic and parking studies, methodology statements and consideration of the regional impact of the development
- Attendance at City staff and DRC meetings to provide transportation and parking related comments
- Provide technical support and/or make presentations at meetings held by City Staff, the Development Review Committee, the Planning and Zoning Board, the Board of Adjustment, the City Commission, government agencies, neighborhood associations, business associations, civic groups and private firms or other stakeholders as may be required.

The knowledge of the development review committee process is important and is integral in the success of this Contract. Corradino provides much more than the DRC review process outlined. The Corradino Team professionals including Eric Czerniejewski, PE, ENV SP Vanessa Spatafora, PE, Gerald Bolden, PE, PTOE, Edward Ng, AICP, Juan Calderon, PE, PTOE, PTP (Caltran), and Carlos Cejas, PE (Gannett Fleming) all have previously reviewed DRC applications for the City of Fort Lauderdale or other similar municipalities. Corradino is also familiar with the Department of Sustainable Development Master Plans and Planning Initiatives including the following:



- Downtown Master Plan
- Downtown New River Master Plan
- Riverwalk District Plan
- Transit Oriented Development
- Central Beach Master Plan
- Northwest Regional Activity Center Design Guidelines
- South Andrews Avenue Master Plan
- North US-1 Urban Design Plan
- Davie Boulevard Corridor Master Plan
- Neighborhood Development Criteria Revisions
- Uptown Urban Village Plan



4.2.5 Approach to Scope of Work



Understanding the Department of Sustainable Development's mission to "encourage and coordinate sustainable growth of the City and promote well-designed development through sound planning principles that focus on livability, urban revitalization, growth management, and historic preservation" is very important to the Corradino Team. Corradino understands that the Urban Design and Planning division encourages and coordinates orderly growth and promotes sustainability and livability through quality redevelopment. Corradino is currently updating the City's Comprehensive Plan and is familiar with the Department of Sustainable Development's recent successes from the past year and immediate goals. These include the following:

- Continued the public participation process and held public hearings with the Planning and Zoning Board and the City Commission on the update to the Advance Fort Lauderdale Comprehensive Plan.
- Developed new Mixed Use Transit Zoning district to coincide with the City's Unified Flex Policy and Strategy.
- Adopted Uptown Urban Village Master Plan and Form-Based Code.
- Amended the goals, objectives, and policies of the City's Comprehensive Plan I to meet both state and county requirements.
- Expanded Historic Preservation efforts.
- Developed Affordable Housing recommendations.

- Reconciled the Fort Lauderdale Zoning Code with the Zonar software application allowing zoning reviewers with helpful tools to explain existing and new zoning regulations and aid in the review of plans and create 3D visualizations and analysis tools when developing new zoning code scenarios.
- Updated the Unified Land Development Regulations (ULDR) with several amendments.
- Assisted the Transportation and Mobility Department with the Federal Transit Administration for the City's Transit Oriented Development project.

When reviewing the traffic analysis or parking analysis for a development application, the Cost Recovery Consultant needs to understand this mission and the goals of the Transportation and Mobility Department so that the best recommendations are made for the future Vision of the City of Fort Lauderdale. Walkability in the built environment can be accomplished in many facets. In a city like Fort Lauderdale, ways to increase walkability could include connecting major gathering places or centers of commerce with footpaths, incorporating places to rest and to cool off along the way, ensuring walking paths connect to bike sharing, cycling paths and mass transit, narrowing lanes to calm traffic so that people feel and actually are safer, installing pedestrian friendly signals, and constructing sidewalks of appropriate scale and materials. The recent development expansion in the Downtown core particularly in the Flagler Village and Fat Village areas have produced

4.2.5 Approach to Scope of Work

certain livability elements that align with each of the key Master Plans and Planning Initiatives while still providing for the appropriate level of traffic and vehicle circulation. The coordination amongst the Urban and Regional Planning staff, Transportation and Mobility staff, Public Works and other Departments is critical as all the DRC comments should align with the City of Fort Lauderdale's mission and strategic plan. The Adequacy requirements of the Pedestrian and Bicycle Facilities including the placement of the site bicycle racks/parking facilities, pedestrian crossings to and from the site and adjacent roadway ingress egress and its impact to the projects included in the City of Fort Lauderdale Connecting the Blocks Multimodal Connectivity Plan. Understanding that all of the City blocks are connected and that one development site which is nearby the Brightline station would need to include the multimodal connectivity infrastructure improvements for the surrounding community. Corradino staff are also familiar with prior Land Use Plan Amendments processed with the Planning Council by the City of Fort Lauderdale Department of Sustainable Development to add additional units to the Downtown Regional Activity Center (RAC). Our Project Manager, Eric Czerniejewski, as Transportation Manager, initially prepared the transportation element and traffic analysis for these prior applications. The Corradino Team is also familiar with the Central Beach RAC unit trip count. The understanding of this development and traffic information will be helpful for new development projects in the Central Beach RAC.

SPECIFIC APPROACH + METHODOLOGY

The DRC traffic review process begins with establishing an acceptable procedure for the preparation of the necessary traffic analysis requirements for new developments and redevelopments in the City. Prior to the applicant applying for development approval, the applicant shall meet with city staff to determine the types of traffic studies required for the proposed project, as well as the traffic study methodology for each study. The traffic study methodology will be defined based on the type of land use proposed and the size of the development/redevelopment. There are standard key elements that are included in a typical traffic study methodology. These key elements include the following:

- **TRIP GENERATION:** Trip generation calculations for the proposed development should be completed using the relevant land use code for the submitted development application per the Institute of Transportation Engineers' (ITE) Trip Generation Manual, 10th Edition. A multimodal (public transit, bicycle, and pedestrian) factor based on US Census Means of Transportation to Work data should be

reviewed based on the census tracts in the vicinity of the development to see if it is applicable to apply to the site generated trips for this redevelopment.

- **STUDY AREA:** A detailed list of intersections including proposed driveway connections and road segments must be identified by the applicant for inclusion in the study area to be examined as part of the relevant traffic study.
- **DATA COLLECTION:** A schedule including identification of peak hours will be defined for the collection of the new traffic data at the intersections and road segments identified in the Study Area. The methodology will define the peak period that the manual turning movement counts will be collected. The traffic counts should be collected on a normal weekday or weekend day as applicable. All traffic counts should be adjusted to peak season conditions using the appropriate Florida Department of Transportation (FDOT) peak season category factor. Turning movement counts should be collected in 15-minute intervals during the identified peak period. Turning movement counts will also include pedestrians and bicyclists. Signal timing information will be obtained from the Broward County Traffic Engineering Division. All traffic data collected should be provided in the Appendix of the traffic analysis report.
- **TRIP DISTRIBUTION:** Trip distribution should be determined based on the turning movements counts collected at the study area intersections and on an interpolated cardinal trip distribution for the project site's traffic analysis zones (TAZs) obtained from the current Broward County MPO LRTP and SERPM model. The trip distribution for the anticipated buildout year should be interpolated from the 2010 and 2040 data. The detailed cardinal distribution should be provided in the Appendix.
- **BACKGROUND GROWTH RATE:** A background growth rate should be calculated based on historic growth trends at nearby Florida Department of Transportation (FDOT) traffic count stations. Documentation of the growth rate calculation should be provided in the Appendix of the traffic study. The committed trips from approved but unbuilt development projects should be included in the analysis. The projects that have committed trips will be provided by the City of Fort Lauderdale DSD staff.
- **CAPACITY ANALYSIS:** Capacity analyses should be conducted during the identified AM and PM peak hours at the study intersections. Intersection analyses should be performed using Trafficware's Synchro traffic engineering analysis software which applies the Transportation Research Board's (TRB's), Highway Capacity Manual (HCM), 2000, 2010, and 6th Edition methodologies. The Capacity analyses should be conducted for the following scenarios:
 - o Existing Conditions

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- o Future Conditions without project
- o Future Conditions with project

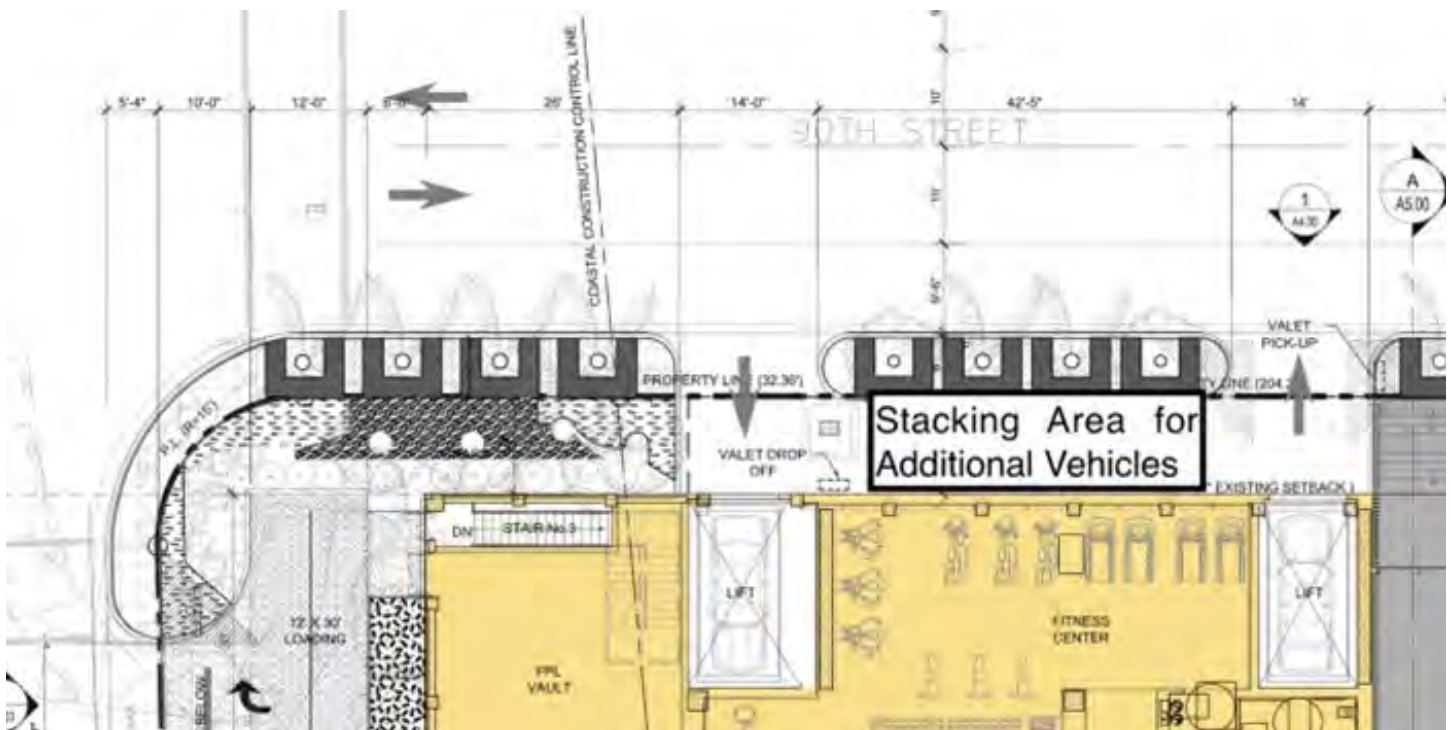
• **TRAFFIC STUDY/TECHNICAL MEMORANDUM:**

The traffic impact analysis for the project should be summarized in a technical memorandum that includes tables, figures and graphics as necessary plus text to describe the study procedure, key assumptions, traffic assignment methods, findings and recommendations. The tables and figures should include existing conditions, trip generation, trip distribution and assignment, future background traffic conditions (with growth rate and committed trips from approved but unbuilt development projects) and future total traffic conditions. A table should be provided that includes the intersection level of service, delay and 95th percentile vehicle queue stacking including the existing turn lane storage. The traffic study should include a detailed summary of the existing conditions of each adjacent roadway facility including the number of lanes, lane widths, presence of bicycle and pedestrian infrastructure, posted speed limit, school zones, etc. The traffic study should include a narrative section regarding active transportation and other multimodal options. The traffic study should identify if there are bicycle and pedestrian projects identified in the Broward MPO's Transportation Improvement Program (TIP) or the Connecting the Blocks Connectivity Plan.

The traffic review of the development or redevelopment application also needs to address a few other key items as identified in the proposed scope of services. These include the following topics.

On-site and Off-site Vehicular Circulation

The on-site traffic circulation for a development or redevelopment starts with the site access. Defining the appropriate number of ingress egress locations for the project site will determine the on-site and off-site vehicular circulation. The parking supply is another factor which impacts the on-site and off-site vehicular circulation. Corradino will provide review of the parking supply versus parking demand for the proposed development or redevelopment project. The proposed parking facility will define additional on-site vehicular circulation concerns such as stacking and storage prior to entrance to the facility at potential garage ramps. There are other situations encountered where there are right-of-way constraints present and there are parking lifts involved with valet operations. The approach to review of the on-site and off-site vehicular circulation will include a detailed driveway analysis and determination if there is enough stacking at the ingress egress locations. The site access driveways will have a traffic analysis completed for the either signalized or unsignalized access connection. A review of the pavement marking, and signage plan will be required at a minimum to review the proposed signage and pavement markings. One relevant example of the review of the valet operations with limited right-of-way occurred at the 8995 Collins Avenue site in the Town of Surfside. The applicant had proposed building into the Town's right of way to develop a wider on-site traffic circulation for the valet drop off and pick up area. A detailed valet parking operational plan was requested from the applicant's traffic consultant. This plan included the following key items:



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- Routing Analysis which included details of the arrival vehicles, departing vehicles, sequencing of the two parking lifts for the valet drop off and valet pickup vehicles and another internal garage circulation.
- Specific queueing analysis to confirm that there was no impact to the 90th Street right-of-way. This included impacts to the adjacent Surf Club garage driveway on the north side of 90th Street as well as the signalized intersection of SR A1A/Collins Avenue at 90th Street.
- Detailed valet staffing plan that will meet maximum vehicular queuing based on stacking.
- Maintenance service contract to ensure continued operation of the mechanical lifts and vehicle elevators. Specific details regarding storage of spare elevator parts on site to ensure continued valet operations.
- Post development study to evaluate the parking operational plan including on-site field observations, confirming queue storage availability, pedestrian conflicts, Uber/Lyft and other delivery operations and other street end circulation issues.

Travel Demand Growth Validation/Assessment

There are various ways to evaluate future travel demand growth on the roadway network. The traffic engineering industry has typically calculated area wide growth rates for new developments based on historical AADT information



for adjacent road segments. This data will be refined based on the availability of accurate continuous data for these road segments. In addition, there are times that traffic consultants submit growth rates from the SERPM model as well and then take the higher growth rate of the two. The Corradino Team has the technical expertise in working on the SERPM model and can validate these travel demand growth rates.

Microsimulation Validation - Existing and Future Level of Service Conditions

The validation of the intersection capacity analysis using microsimulation modeling software such as Synchro and HCS will be completed following standard procedures and accepted industry standards. The input data used in the intersection capacity analysis will be checked to ensure the model is using accurate information. The following will be checked by the Corradino Team to ensure that the model run is valid:

- The peak season adjusted traffic counts will be cross checked to ensure the appropriate turning movements have been used from the traffic count datasheets.
- The appropriate site generated trips for the subject property will be checked to ensure the correct trip assignment has been used from the intersection volume worksheet.
- The appropriate committed trips from approved but unbuilt development projects will be checked to ensure that the correct trip assignment has been used from the intersection volume worksheet.
- The signal timing worksheets from Broward County Traffic Engineering Division will be checked to ensure that the appropriate signal phase and cycle length have been used in the model.
- The signage at the existing intersection will be checked to confirm that there are no movement restrictions (such as U-turns, etc.) to ensure that the model accurately reflects the current field conditions.

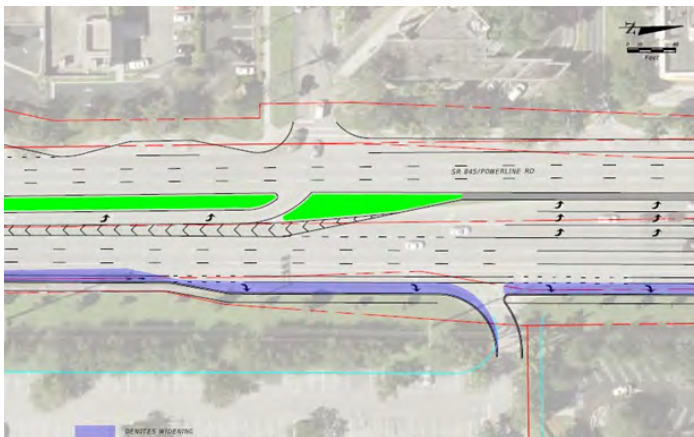


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- There will be an existing conditions scenario, future conditions without project scenario and a future condition with project scenario model run. Each of these traffic analyses will be reviewed for each of the key items mentioned.
- Supplemental research is sometimes required to determine if certain intersection approaches are still operating sufficiently in the field. One example would be to evaluate the volume to capacity ratio for an approach at an existing roundabout. The intersection capacity analysis may indicate that a failing condition is occurring along one approach. Field observations may be justified to confirm this condition especially if right-of-way constraints are present. Emerging technology such as aerial unmanned drones may be used to document vehicular queuing during peak times as a method of validation.

Traffic Mitigation Improvements

The validation of required improvements due to the impact from site generated trips on roadway network and related intersections will be completed. The process includes evaluation of the level of service for the intersection capacity analysis and road segment analysis. The intersection capacity analysis will be checked to ensure that there are no locations where the vehicle queuing during peak periods are extending past the existing turn lane storage lengths. As part of this validation, the 95th percentile vehicle queues will be checked for each of the three intersection capacity scenarios. If there are scenarios where this exists, a concept plan will be required by the applicant's traffic consultant to confirm that extending these turn lanes is feasible. Similarly, if there are new turn lanes proposed, a feasible concept plan will be required to verify that the improvement is feasible. The road segment link analysis will be reviewed to determine if there is available capacity along the adjacent road network. The Corradino Team will evaluate each of these potential traffic mitigation improvements.



Ride Share Vehicle Operations

The review of site plan applications and related traffic impact studies need to include evaluation of the siting of ride share vehicles operations in addition to delivery and loading zones. Each of these are important to the overall vehicle circulation for development and redevelopment projects. The Corradino Team will ensure that applicants have a separate narrative in the traffic impact studies to ensure that all modes of transportation are considered. This review of alternative modes of transportation should address bicycle, pedestrian, transit and rideshare options. The Corradino Team will use available resources from NACTO and ITE such as the Curb Productivity Index that measures the number of people using a curb per hour. In an urban setting this usually is measured against 20 feet of curb which is equivalent to the size of a typical on-street parking space. This index can help optimize the actual space allocation of the curb for the most productive uses. There are three broad strategies identified by NACTO for improving curb productivity and they include the following:

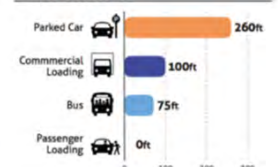
- Relocate curb space to better utilize the curb zone
- Convert curb space to different uses to better utilize the curb zone
- Convert curb spaces to flexible time of day zones to meet demand-based uses throughout the day.



Curb Space Productivity (Passengers per space-hour)



Curb Allocation



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Trip Generation Impact - ITE Trip Generation Manual 10th Edition



The evaluation of the impact for development or redevelopment project begins with calculating the new trips that are generated by the project. Trip generation calculations for the proposed development should be completed using the relevant land use code for the submitted development application per the Institute of Transportation Engineers' (ITE) Trip Generation Manual,

10th Edition. Appropriate reductions are calculated based on pass by, internal capture and multimodal factors. On redevelopment projects, the land use which is existing that is being eliminated is provided as a credit in the trip generation calculations. Therefore, the net trips are used in the traffic analysis for the future scenarios.

Transportation Demand Management Strategies

Transportation Demand Management (TDM) Strategies are proposed for development projects in order to reduce the impacts of the project traffic on the surrounding road network. The typical measures tend to promote bicycle use and walking, transit use, encouraging car/vanpooling and offering alternatives to typical work hours. Often, the most cost-effective way to solve a problem related to transportation is to manage demand. TDM focuses on helping people change their travel behavior—to meet their travel needs by using different modes, traveling at different times, making fewer trips or shorter trips, or taking different routes. Such actions can include offering commuters one or more alternative transportation modes



and/or services, providing incentives to travel on these modes or at non-congested hours, providing opportunities to better link or “chain” trips together, and/or incorporating growth management or traffic impact policies into local development decisions. The Corradino Team is familiar with TDM measures and have included them on recent development projects. The following TDM measures were recently recommended for a nearby local project:

- Providing a bicycle rack with 16 short term bicycle parking spaces on-site
- Subsidized transit passes for residents and/or employees
- Subsidized bicycle purchases for employees
- Subsidized scooter fuel and designated scooter parking spaces

The site plan needs to be coordinated in order to appropriately integrate these items into the project. The location of the bicycle rack and scooter parking spaces will need to determine in order to maintain the most efficient vehicular circulation and the safety for all users to the site.

Meeting Attendance at Planning Board Hearings

The Corradino Team is structured to ensure there will always be coverage at the assigned public hearings associated with each development and redevelopment project application. Having separate review teams that will see through each application is critical to the success of this on call Continuing Traffic Engineering contract. The quasi-judicial hearing has specific criteria and is a formal proceeding that puts evidence in the record about the application. The Corradino Team of professionals and technical experts will attend these public hearings and other associated meetings to respond to questions regarding the application including the summation of all the traffic review comments issued. The Corradino Team will create a detailed record of the peer review which comes in the form of a technical memorandum with comments issued by the City's traffic review Consultant and responses from the applicant's traffic Consultant. The history of the comment review period is documented in this technical memorandum and is usually included in the staff report for the related development or redevelopment application. The schedule is paramount, and The Corradino Team is committed to meeting all deliverable deadlines for traffic review comments through the City of Fort Lauderdale's Department of Sustainable Development. Corradino understands the City of Fort Lauderdale Planning and Zoning Board meeting schedule, which meets once a month..

4.2.5 Approach to Scope of Work

Master Planning

Corradino is expert at multi-modal transportation master planning, having produced award winning master plans for many cities, counties and regions. Projects include work for Miami Beach, Miami, Doral, Miami Gardens, Palmetto Bay, Cutler Bay, Homestead, and many more. The firm begins with the analysis of issues in each mode. After the analysis, projects are developed in every modal area, including roadway, transit, bicycle and pedestrian, etc. They are sketched out in terms of their cost to plan, design and construct. Corradino then maps and prioritized projects, which are ultimately placed in the City's capital improvement program for implementation. Corradino's philosophy is focused on providing capacity for all modes on appropriate streets. This complete street approach provides a solid foundation for mobility. The firm also focuses on bicycle and pedestrian planning, having produced nearly a dozen Safe Routes to School applications as well as bike/pedestrian master plans. The Corradino Team is working on the Tunnel Top park master plan project with Gannett Fleming as the Prime on this important improvement project at the Henry Kinney Tunnel. The project is creating a new plaza along Las Olas Boulevard which will be a great example of Placemaking in the City of Fort Lauderdale.

Traffic Calming

Traffic calming is one of the most popular issues when it comes to local government. Yet traffic calming if misapplied it can have a negative impact on the community. Important is to initially quantify the problem. There are livability thresholds which determine the extent of each problem. These focus on traffic volumes and subsequently speeds. Developing a traffic calming program requires much



henry kinney
tunnel top plaza

illustrative site plan

ft. lauderdale, fl
01/13/2020

TB&C
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(713) 439-0077

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4.2.5 Approach to Scope of Work

thought and reflection on what problems the program is designed to solve and what measures will be used to solve them. Successful programs have shown that they need to be structured enough to allow citizens staff and elected officials to be comfortable in moving forward with projects; but flexible enough to adjust to the challenges of individual streets. This task should simply define why the project is being undertaken and why it is needed. This will be modified after the definition of the problem. Here traffic calming should be defined, and the goals of this project clearly articulated. Once the final plan is recommended, the conceptual costs for the plan will be developed. This should include the costs to design and construct the program. Potential funding sources or grants should be identified to pay for the program. The City should approve the program and implement it. Nonphysical aspects can be implemented by the administration or police department and physical aspects should be bid, designed and constructed.

Transit Planning and Design

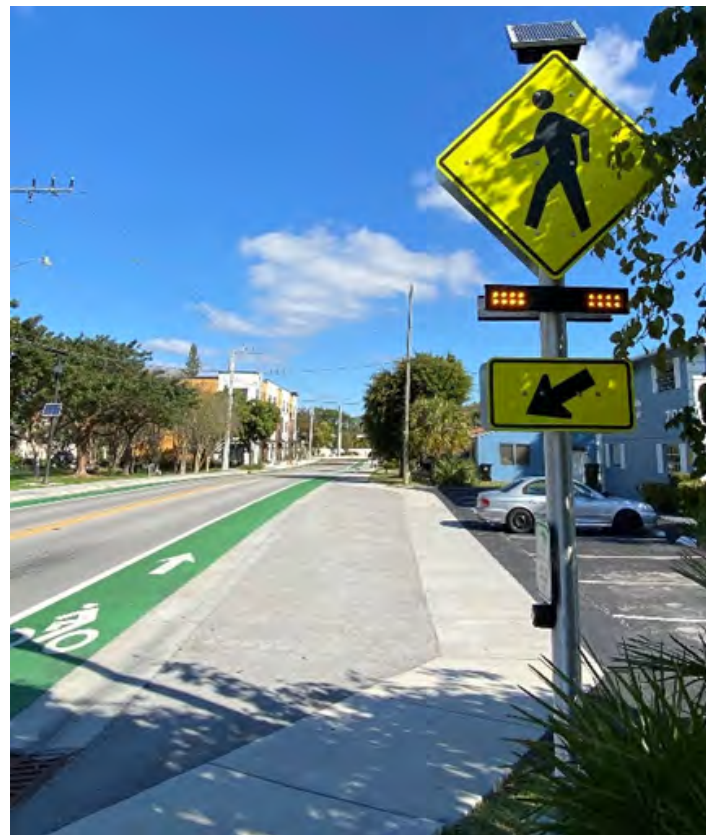
The firm has worked for transit agencies across the nation in the projection of transit development plans, ridership surveys and system development. The firm was on the consultant team that developed the Metrorail. Corradino planned both phases of the South Dade Busway, and worked as the planner on the I-95 Managed Lanes, which is a Bus Rapid Transit alternative which has had remarkable results. Additionally, Corradino has implemented municipal circulators in Miami Beach, Hialeah, Palmetto Bay, Cutler Bay and Doral. The Corradino Group is currently updating the City's Comprehensive Plan which includes new goals, objectives and policies including ones related to the Sun Trolley.

Cambridge Systematics is a member of The Corradino Team and is a national leader in visioning, policy, and collaborative planning for transit and is active in research through participation on national committees. They leverage their knowledge for clients by applying the research, or via technical assistance and outreach. Cambridge Systematics expertise in transit project planning and development, preliminary engineering and environmental analysis, FTA programs and funding provides great breadth and depth to support project development for bus and rail modes. Their South Florida transit project involvement over more than ten years gives them institutional knowledge that will benefit the City. This experience includes planning efforts for the Sun Trolley over the years, as well as connecting systems including Broward County Transit, Central Broward Transit, Tri-Rail Coastal Link, and a number of bus corridor enhancements. Cambridge Systematics is supporting the Alternatives Analysis for Miami-Dade's SMART Plan Beach Corridor Rapid Transit Project and implementation of the Bus Express Rapid Transit (BERT)

network. Cambridge Systematics have led tasks including Transit Signal Priority and bus Queue Jump, bus-only signals travel demand forecasting, ridership and revenue analysis, technology assessment, traffic simulation analysis, concepts of operations and preliminary design on several projects. Cambridge Systematics has facilitated the Broward County Transit ITS Coordinating Group (DITTO) over the past five years addressing transit ITS investments. These examples of perseverance through technical and organizational challenges demonstrate their ability to stay focused and on-target towards implementing challenging transit technologies and solutions.

Roadway Design and CEI

The correct application of urban planning should result in formal design and construction of roadway elements. Corridor plans with complete streets principles are the basis for roadway redesign. Corradino is expert at this having provided redesign services for below ground, and above ground infrastructure, traffic calming and streetscapes. The firm has won awards for its innovative and pedestrian friendly designs. Corradino provides a variety of civil engineering, roadway and storm water contracts, on time and within budget. Many of its projects consist of the design of drainage facilities, and streetscapes to upgrade antiquated infrastructure and enhance the level of service of that drainage infrastructure, in addition to developing a more context sensitive streetscape focused



4.2.5 Approach to Scope of Work

on a more sustainable urban form. These projects included total reconstruction, including roadway lanes, parking, new drainage systems, signing, and pavement markings, lighting, and landscape. Drainage reconstruction consisted of installation of exfiltration trenches to meet water quality and flood protection criteria.

Once roadway design is completed, Corradino manages the construction of roadway facilities. The firm has recently completed the construction management of the I-595 project, and managed the largest roadway project in the State, the reconstruction of I-95 through Palm Beach County. As such the firm understands the federal regulations for assuring the construction firms build to the plans, the materials are tested and inspected and when needed Stimulus Funds are tracked appropriately. This means tracking jobs, interns and disadvantaged businesses as well as materials.

Parking

As there is often a delicate balance between the interests of the various City and community stakeholders involving parking issues, it is critical that the Corradino Team live and work in the community. This local knowledge provides insight and depth to the emotional issues

frequently attached to parking projects and will be valuable in soliciting meaningful feedback from stakeholders throughout parking projects. It also assists in identifying solutions that will address each parking challenge. Prior to making any parking recommendations the Corradino Team will evaluate existing parking inventory, the usage characteristics of inventory, and operational characteristics of transportation modes that serve as alternates to the single occupancy vehicle. Throughout this process, public involvement and engagement will be undertaken with the understanding that mobility system and parking inventory weaknesses can be identified, whether they are real or perceived from everyday users. Together, the Corradino Team along with the City of Fort Lauderdale will become resident and stakeholder advocates for the optimizing existing parking facilities, utilizing alternative transportation modes, and designing parking management strategies to create a more uniform parking distribution.

Walker is on The Corradino Team for this contract. Their experience is reflected by thousands of parking projects across the fifty states and in forty-one foreign countries, but none is more important than work completed in the City of Fort Lauderdale. To address the specific requirements of this continuing contract, Walker has assembled a proven team of planning and design experts with similar project experience to avoid the “learning curve” issues others might



4.2.5 Approach to Scope of Work

face. All services will be performed in compliance with all applicable federal, state, and local laws, statutes, ordinances, rules and regulations.

When developing a parking management plan, Walker strives to answer the following questions:

- How many parking spaces do residents, business patrons, and employees need?
- How should the parking spaces be best allocated throughout the community? Can parking usage be better distributed?
- Are the City's parking policies and practices aligned to promote sustainability goals? If not, what changes are recommended?
- What strategies can be cost effectively employed to address immediate needs?
- How much will any proposed parking improvements cost and what is the financial plan to promote an economically sustainable parking utility?
- How should these changes and improvements best be implemented?

A successful plan will include a thorough evaluation of the City's existing parking conditions with the results used to guide future policy and decision-making within the community. Our approach will identify existing parking resources and usage, as well as identify needs by location. The Walker team will use this information in recommendations for balancing the parking supply versus the parking demand for the various user groups and promoting alternative solutions. Costs for implementing the recommendations will be included. Many of Walker's municipal clients are engaged in long-range master planning. While some of these plans include elements of parking, pedestrian circulation or traffic planning, few of these master plans include a truly comprehensive parking plan. The team's focus is to promote a "smart" parking plan as part of a comprehensive strategy. Such a plan presents strategies that lead to improved mobility for the entire community and supports the City's future needs. Walker has demonstrated experience transforming heavily auto-focused commercial districts into more non-motorized, pedestrian friendly, mixed-use settings. Although parking structures are a significant component of our business, we understand that this may not be the best fit for our client. This was the case for the City of Middleton, Wisconsin. Although the client had proposed the construction of a new parking structure, Walker presented study findings to the City officials, residents and stakeholders that the proposed structure was unnecessary and that more desirable alternatives should be pursued, including an improved management plan for the existing parking and transportation resources. By accepting Walker's recommendations, the City would save millions of dollars earmarked for a new parking structure, leaving these funds available for other priorities.

Corridor Plans

The Corradino Team is adept at preparing corridor plans. The firm has evaluated these across the nation. The firm takes a multi-dimensional approach to its corridor projects, integrating transportation, land use, urban design principles and economic development to determine what opportunities exist, and how to make them a reality. Each corridor is unique, with specific demographic and socio-economic profiles of the surrounding residents. As such each corridor has a distinct economic personality. But each is intended to service multiple purposes. It is often when one purpose takes a predominant role, that the others suffer, and the corridors function is diminished. Corradino believes that in order to attract infill development, the private sector is always looking for public sector investment. The corridor plans often serve as the "brochure" or "play book" for just such an investment. Detailed plans always have an easy to read, highly graphic executive summary, which show cases the technical product. Effective corridor plan understands the various issues, and provide detailed time frames, and costs for each.

Transportation and Travel Demand Modeling

Corradino is especially well known for its expertise in transportation model development, estimation, calibration, validation, and application, having developed models' agencies across multiple states including new state-of-the-practice models, toll modeling for managed lanes, and activity-based tour models. Corradino has developed the latest activity-based models in South Florida region including the Southeast Regional Planning Model Version 7 (SERPM7), and Treasure Coast Regional Planning Model Version 4 (TCRPM4), both of which are activity-based travel demand models. Corradino's expertise extends beyond models' development, but also into real world applications for cities and counties, where oftentimes subarea and corridor level planning and engineering forecasts using travel demand models, are needed. Corradino developed numerous subarea models, including the models for I-95 planning and PD&E studies, regional long-range transportation plans and region wide level of service estimation. Corradino's forecasting experience also extended on arterial projects such as Power line road lane elimination project in Aventura, and NW 74th street freight planning project in Miami. With a great blend of National and local project experience, Corradino can bring unmatched experience transportation modeling and forecasting areas.

Cost Estimation

Whether it is planning, design or construction, cost estimation is an integral part of the municipal process. To budget effectively, reliable cost estimates need to be

4.2.5 Approach to Scope of Work

produced. Whether it is for the various components of a transpiration master plan, or the feasibility planning of a large municipal project, or the development of a capital project such as a road or a bridge, the cost must be accurate to assure proper funds are scheduled for the effort. On every process Corradino begins by breaking down the individual project into small line item components. Each component is examined in terms of per unit cost, multiplied by the number of units need for that aspect of the effort. All components are combined in all phases and a final cost is provided. These are quality control checked by another professional not associated with the project prior to being submitted.

Public Involvement and Outreach



The Corradino Group recognizes that a project is only as successful if the community is actively engaged throughout every step of the process. The process of public involvement will be like a pyramid, building a basis of support to carry the plan to implementation. Tailored to fit each individual project Corradino anticipates utilizing stakeholder meetings and public workshops to engage and communicate with key stakeholders and Fort Lauderdale staff and residents. As warranted Corradino embraces incorporating Community Remarks® in projects to efficiently and easily solicit valuable, map-based citizen engagement in a collaborative, visual manner opens for the public to see and comment on. This interactive, online tool is an effective mapping



and feedback platform used to collect and discuss community issues from the public. Citizens post location-based comments and photographs on a Google Maps background, capturing feedback from around the region through a mobile-friendly interface. All public engagement efforts are designed on a project-specific basis in order to assist in fully understanding and addressing the needs and concerns of the City and key stakeholders, ensuring all voices are not only being heard but can also be addressed.

Sustainable Infrastructure and Resiliency

The City of Fort Lauderdale needs to continue to build a sustainable and resilient infrastructure. A sustainable and resilient infrastructure means smart investments in the community infrastructure for long-term economic and environmental viability and quality of life. Smart investments include maintaining and updating road and bridge infrastructure, water and wastewater system and drainage system infrastructure that plans for sea level rise projections. Smart investments also include awareness, planning, and efficiency to safeguard the long-term water supply. A sustainable and resilient infrastructure also includes reducing energy use, sustainable construction and design and choosing recycling and reduction over disposal. This all should be done keeping in mind protecting fundamental environmental resources: air, water, and natural resources that sustain the community.

Corradino is aware of the current sustainability initiatives and sustainable infrastructure improvements that the City of Fort Lauderdale is implementing. Eric Czerniejewski, Corradino Team Project Manager, assisted the City in applying for and getting the grant for the EPA Green Streets Building Blocks for Sustainable Development Technical Assistance Program. Eric assisted in the efforts in putting on the training workshop for City staff and other Tri-County region government agencies. At this workshop the Green Streets and Sustainable Design tools were discussed and a plan was developed in the form of a Green Streets Strategy and Next Steps Memorandum.

The Green Streets and Sustainable Design tools include the following:

- Green Streets/Complete Streets
 - Support for walking, biking and transit
 - Reduce Carbon Footprint
 - Placemaking and Aesthetics
- Design Reflective of Surrounding Built Environment
- Safe and Enjoyable Through Alternatives Street Designs - Traffic Calming Designs, Walking and Biking Enhanced Environments

The EPA Green Streets Strategy and Next Steps Memorandum identified the following key issues, needs and opportunities for the City of Fort Lauderdale:

- Larger Stormwater Regulatory Framework
- Relationship to other Policy Areas - benefits of Green Streets beyond Stormwater
- Design and Construction Implementation Policies and Practice - Sustainable Streets Standards
- Operations, Maintenance and Monitoring Policies and Practice
- Local Built Examples of Green Streets Elements

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There were opportunities discussed during the workshop to piggyback existing future planned projects for inclusion of Green Street Sustainable infrastructure. The SR AIA reconstruction project and Complete Streets projects along Dixie Highway, NW 9th Avenue, NE 13th Street and the Brightline Station included various sustainable infrastructure design elements.

Green Your Routine:

The City of Fort Lauderdale is expanding and growing the existing reliable and flexible transportation system with the challenge trying to minimize its impact on our climate and natural resources. The City of Fort Lauderdale is making neighborhoods more walkable, improving traffic flow, supporting alternative fuel networks, and planning better streets for everyone - streets that can accommodate pedestrians, bicycles and a variety of vehicles, while also drawing business and leading to community spaces and waterways.

- The Green Your Routine includes better streets for everyone, which stresses walkability and implements various innovative ways to calm traffic including artistic painted crosswalks as found along Las Olas Boulevard. Promoting alternative modes of transportation has led to a reduction to green house gas emissions. It also has allowed for customization of each street to include elements such as pervious paving and a reduction in stormwater runoff, and highly reflective paving to combat the heat island effect. There also has been a decision to incorporate GHG absorbing trees and planted areas, which also provide habitat for wildlife.
- The Green Your Routine is also supporting clean driving experience including expanding the City's electric vehicle charging stations and implementing green upgrades to City owned parking lots and meters. These green upgrades include incorporating typical structural features such as energy efficient lighting, reflective

and pervious surfaces, increased natural lighting and the use of LED, solar panels, recycled materials and Florida-friendly landscaping. These sustainable parking lots also encourage sustainable practices by providing bike racks, electric vehicle charging stations, recycling containers, and smart meters. There are also plans for parking structures that incorporate greenery to absorb CO2 emissions, parklets for creating a sense of place, and paths connected to transit. The future of parking lots and garages is to make them truly mixed-use and transit-oriented, actually contributing to the walkability of a city. The future also includes widespread incorporation of smart technologies to guide drivers to available spaces thereby minimizing the fuel they expend while looking for a place to park.



The Orchid Parking Lot at City Hall has also been redesigned and retrofitted to conserve energy and water, accommodate alternative fuel vehicles, and improve stormwater management. Installations include: LED lighting with efficiency controls, an electric car charging station, solar parking meters, permeable paving with a high-SRI coating, Florida-friendly landscaping, a bike rack, and a “parklet” complete with recycling station. There were also new ground sensors installed to support communication with Parking Services staff in the field, allowing the City to reduce unnecessary meter checks and conserve additional fuel and energy. The City has also piloted new PaveDrain technology, which during tests absorbed 700 gallons of water in under a minute. These new pervious paving surfaces make it possible to construct a lot that actually contributes to filtering water as it is absorbed back into the ground. These are all new sustainable design elements that can help curb the impact from sea level rise and climate change.



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South Florida Climate Change Vulnerability and Adaptation:

The Broward MPO's South Florida Climate Change Vulnerability and Adaptation pilot project and related final report was issued in April of 2015. The City of Fort Lauderdale was a municipal agency participant and was included in the transportation facility vulnerability assessment. The final vulnerability assessment included the following top ranked roadway corridors for vulnerability within the City of Fort Lauderdale:

- SR 5/US-1 between East Las Olas Boulevard and SR 736 Davie Boulevard: Vulnerability Ranking #10
- East Las Olas Boulevard between SR 5/US-1 and SR A1A: Vulnerability Ranking #20; 2' SLR-1.29 % inundated; 3' SLR-34.25% inundated
- SR 5/US-1 between SR 842/Broward Boulevard and East Las Olas Boulevard: Vulnerability Ranking #33
- SR 842/Broward Boulevard between SR-5/US-1 and Andrews Avenue: Vulnerability Ranking #43
- SR 9/I-95 between SR 836/Sunrise Boulevard and SR 842/Broward Boulevard: Vulnerability Ranking #45
- SR 9/I-95 between SR 84 and I-595: Vulnerability Ranking #50
- Andrews Avenue between SR 816/Oakland Park Boulevard and SR 838/Sunrise Boulevard: Vulnerability Ranking #57
- Andrews Avenue/SE 6th Avenue between SR 84 and Eller Drive: Vulnerability Ranking #62
- SR 84 between Andrews Avenue and SR 5/US-1: Vulnerability Ranking #70
- SR 736/Davie Boulevard between Andrews Avenue and SR 9/I-95: Vulnerability Index #77; 2' SLR-0.24% inundated; 3' SLR-15.13%

The top two ranked segments of the TriRail Mainline corridor were also in the City of Fort Lauderdale. The segments were as follows:

- TriRail Mainline between Fort Lauderdale/Hollywood International Airport and Fort Lauderdale Station: Vulnerability Ranking #1
- TriRail Mainline between Fort Lauderdale Station and Cypress Creek Station: Vulnerability Ranking #2

There were recommendations identified for rehabilitation or reconstruction of existing facilities in high-risk areas. The included the following:

- Consider new road and transit design approaches and standards to minimize potential disruption due to extreme weather events (e.g., profile elevation)
- Near coastal areas and over longer term, consider sea level rise as a "given" in design of coastal facilities.
- Redesign drainage systems to handle larger flows.

- Harden or armor key infrastructure components (e.g., embankments or bridge piers) against additional extreme weather-related stresses.
- Incorporate "early warning indicators" for potential extreme weather-related risks into asset and maintenance management systems.

The American Society of Civil Engineers (ASCE) worked in partnership with the Broward MPO and its Consultant to put on a public workshop in order to update the Civil Engineering Community and the general public regarding long-term adaptation strategies as well as a process for emergency situations. The CGA Project Manager, Eric Czerniejewski authored a supplemental memo update to the ASCE Florida Section Infrastructure Report Card entitled South Florida Climate Change Vulnerability and Adaptation. South Florida including the City of Fort Lauderdale continue to face climate change impacts. In 2012, severe weather combined with seasonal high tides to wash out a segment of State Road A1A and numerous inland roadways. There was no process to deal with an emergency of this type. This memo addressed climate change impacts to the regional transportation network. Eric is a certified as a Envision Sustainability Professional (ENV SP). This certification is for someone who is trained in the use of the Envision® rating system and is credentialed by the Institute of Sustainable Infrastructure (ISI). The Envision Sustainability professional is an integral part of a project team who guides the team in achieving higher levels of sustainability; documents project sustainability accomplishments and submit the project for recognition. Envision® provides a holistic framework for evaluating and rating the community, environmental, and economic benefits of all types and sizes of infrastructure projects. It evaluates, grades, and gives recognition to infrastructure projects that use transformational, collaborative approaches to assess the sustainability indicators over the course of the project's life cycle. In addition, Gannett Fleming are also charter members of the Institute for Sustainable Infrastructure (ISI), and have a group of more than 100 certified employees as Envision Sustainability Professionals (ENV SPs) as well.

Bicycle and Pedestrian Planning/ Complete Street Design

A truly multi-modal perspective differentiates The Corradino Team from many of our peers. Multi-modal is inclusive of pedestrian, bicycle, transit, auto, and freight and also inclusive of the range of user groups within these categories including persons with disabilities and other special needs, cyclists of all experience levels, transit dependent and choice transit users. Furthermore, The Corradino Team incorporates all modes into our work, whether it be the design of a new interchange or the preparation of a traffic calming plan. As many of our clients

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attest, our ability to provide objective, state-of-the-practice design and analysis has improved countless projects by taking an inclusive, holistic approach.

Planning and design for bicycling and walking evolve continually, and our Team of professional's investment in research and presence in leadership roles of national organizations has kept many of the firms in front of this still-emerging field. While there are nationally-accepted design guidelines, innovations and planning requirements vary widely by location, depending on how agencies view these modes and their role in the local transportation system. By facilitating discussions on policies, programs, practices, and designs, The Corradino Team helps our clients like the City of Fort Lauderdale customize their plans. For example, Fehr & Peers and Plusurbia staff are invested in bicycling and walking – some live car-free and others are competitive cyclists, but they pride ourselves on being objective and fact-based. Their philosophy is to balance the needs among modes while offering knowledge of best practices. The Corradino Team develops the best multimodal planning, engineering, and design solutions that improve communities. As a transportation firm, Corradino engage partners for projects which call for urban design, architecture, civil and structural engineering, and landscape architecture. Corradino and the Team of Subconsultants are interested in opportunities to advance the state-of-the-practice, both by volunteering on national committees and by leveraging our most innovative projects for research.

One of the issues with creating a bicycle and pedestrian master plan that serves all is when doing a complete street redesign, there is only so much fixed right of way to work with. Often times, the street is designed for vehicle speed and capacity first, then the little bit of right-of-way left over is looked at for wide sidewalk, bike lanes and on street parking. To truly design a corridor for bikes and pedestrians, they need to have equal standing with vehicular traffic. That might mean the answer is taking away a lane of traffic, which could actually increase capacity, rather than creating a neighborhood issue over losing merchant on street parking to make away for a bike lane. Special effort should be made to reach out to different members of the disability community, people who are blind, who have some limited mobility/are slow walker and those who use an assistive mobility device such as a wheelchair. People with disabilities have by far the most to gain from complete streets and ped-bike mobility plans that feature Universal Design. If ped-bike plan design only aims to meet minimum ADA standards while ignoring members of the local disability community, the streetscape created may be subject to costly redesign expenses.

Another major issue when promoting bike lanes is that public engagement is often dominated by the intrepid cyclists, those who have the special gear and bike dozens of miles per week. They are comfortable mixing with traffic, because they want to be treated like a vehicle, even at fairly high speeds. Bike-Ped design must include future cyclists – young, old, people ready to get exercise while biking to



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work or errands – who need a protected lane to feel safe enough to try biking. You cannot take a street with a 50 mph design speed, paint a four-foot stripe, call it a bike lane, and expect people to put their children on bikes there with heavy, speeding traffic flying by. In Europe and every place that has been successful in increasing biking and walking as a means of mobility, the balance has been struck between the needs of the intrepid cyclists (who don't like protected lanes) and the less dedicated cyclists who need to feel comfortable and safe to be motivated to try bike mobility.

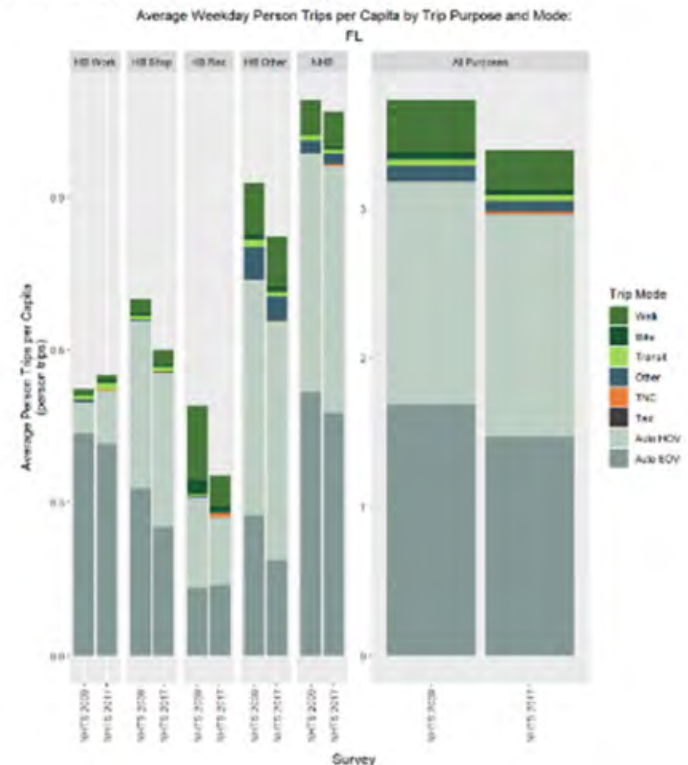
The key to overcoming these issues is a traffic design team like The Corradino Group Team of professionals that are open to multimodal mobility, not car-first options, and dedicated to public engagement that will gather the input of all cyclists, not just the intrepid cyclists.

SMART Cities and Emerging Technology

Understanding that technology will play a crucial role in the future of transportation, professionals on The Corradino Team have joined the international Smart Cities Council and have also formed an internal Smart Cities Steering Committee. Gannett Fleming has much to offer in this emerging market, with their Information Technology and Transportation Operations groups' prowess in integrating sensor technology and managing mega data. Gannett Fleming is also part of the team that will perform the U.S. DOT's Connected Vehicle Pilot Deployment Program.

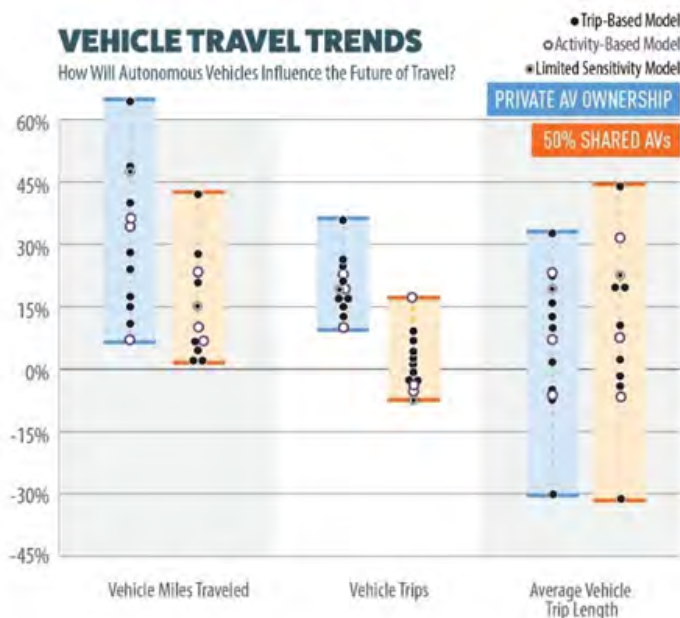
Fehr & Peers has been thinking about the effects of autonomous vehicles (AV) on travel behavior, equity and the transportation system through their self-funded Research and Development program. Fehr and Peers have tested almost a dozen regional travel models from across

Person Trips per Capita: Weekdays



the country to assess the potential effects of AVs on the transportation system in regards to vehicle miles of travel (VMT), total vehicle trip generation, transit ridership, and numerous other factors. Overall, the results show that under an unregulated model of AV travel, VMT is expected to increase by up to 30 percent, with a corresponding decrease in transit ridership. Decreases in ridership are not all created equal, with rail transit in high-density communities not expected to lose ridership as much as bus transit in lower density settings.

Since beginning to understand how AVs might affect the operation of the transportation network, Fehr and Peers have begun evaluating different policy responses to potentially prevent some of the negative outcomes that could be associated with an AV future. Pricing, shared-ride incentives, transit enhancements, and goods movement strategies can all help to off-set some of the increases in VMT and overall vehicle trip generation. Fehr and Peers have examined these in a recent research project conducted for the Union of Concerned Scientists. Fehr & Peers is currently working with the Tampa Hillsborough Expressway Authority (THEA) to help them understand the effects of emerging technologies on their facilities, including evaluating the Connected Vehicle Pilot program in Downtown Tampa. The insights gained during the course of this on-going project can be applied to answer similar questions facing Fort Lauderdale about the effects of emerging technology on roadway capacity, safety, parking demand and operations, as well as curb space management.



4.2.5 Approach to Scope of Work

In addition to the Fehr & Peers' internal research, we have developed suggested planning and curb side management practices for 'high volume' use sites where Transportation Network Companies (TNCs) make up an outsize portion of the travel modes used. These range from temporary or one single event such as a music festival to frequent high-volume events at permanent locations such as arenas, stadiums, airports or transit stations. The most recent examples of working through challenging curb-operations and planning situations was their work for the Oakland A's ballpark, Chase Center in San Francisco and a new arena in Seattle for a future NBA franchise. As part of these engagements, they developed tools to allow us to assess how demand for travel by TNC translates to supply needed, the operations required, and need for and design of curb space supply.

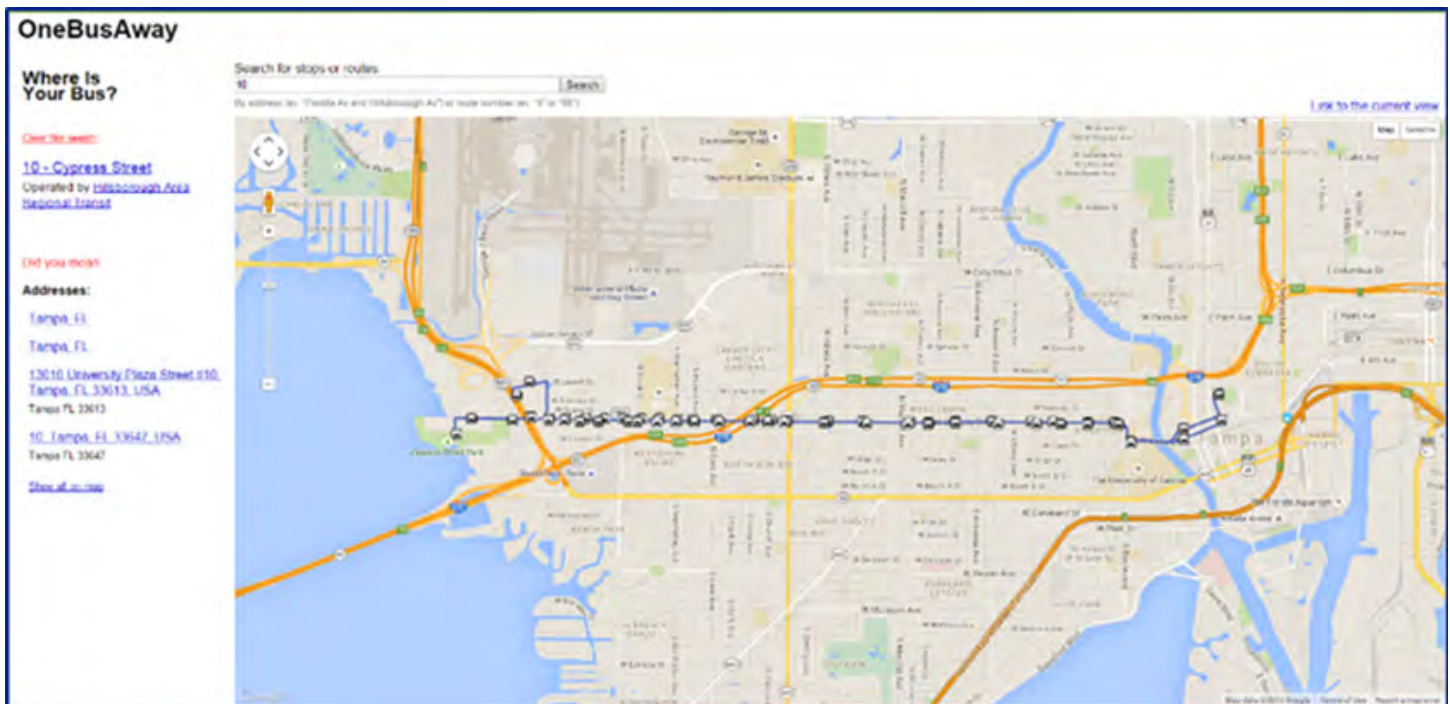
Geographic Information Systems (GIS) and Mapping

The Corradino Team has the expertise to provide GIS and Mapping Services to the City as necessary. Cambridge Systematics is on the Corradino Team and they have been perfecting the integration of geospatial technology services with their industry expertise for the past 15 years. Safety, mobility, economic competitiveness, regulatory compliance, and community preservation all depend on the ability to collect, access, analyze, and display relevant and accurate data. Geospatial analysis and tools improve the speed and accuracy of decision-making in all of these areas by turning complex volumes of data into powerfully displayed communication of alternatives. Maps and charts,

equally familiar to the technical experts and the public, provide invaluable communication tools that bring together agencies, the private sector, partners, and the public. Because transportation planning typically requires spatial data from many different sources, Cambridge Systematics has extensive experience in the full range of geospatial technologies, including GIS, global positioning systems (GPS), and multimedia. Corradino believes it is imperative to provide presentation-quality mapping services and have professional staff on the Team who understand spatial relationships and can provide analytical tools to measure spatial patterns. Providing apps and electronic resources for today's hand-held technology is a key to "customer" service. One example is Cambridge Systematics assisted clients by creating tools like One-Bus-Away that better communicate and share information with the public.

Surveying and Mapping and SUE Services

The Corradino Team has KEITH on the team for topographic surveying and SUE services. The Keith Team has over 100 years of combined experience. This experience has resulted in a tremendous database of knowledge and information. Services include boundary, topographic, control, wetland, mitigation, route, aviation, bathymetric, GIS, Mobile LiDAR, GPS, as-built, American Land Title and coastal surveys, legal descriptions, right-of-way mapping, design base sheets, title review, DTMs, differential leveling, construction stakeout, platting, expert witness surveying, and mapping services.



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KEITH maintains eight full-time field crews to provide services on an as-needed basis. The KEITH Team has received Maintenance of Traffic (M.O.T.) Safety Training currently required by the Florida Department of Transportation for work within public roadways. KEITH is also in full compliance with the current School Board Security Clearance Policies. KEITH has placed a strong emphasis on quality surveying and mapping practices and procedures. This focus ensures that our surveying personnel are committed to exceeding your expectations.

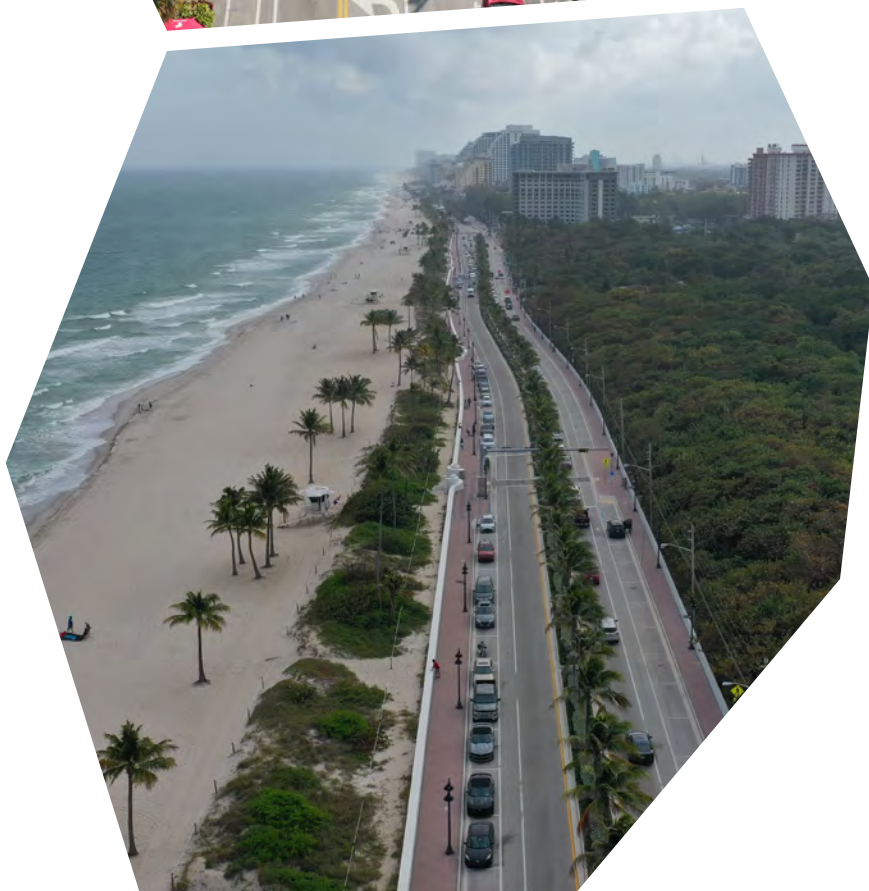
KEITH will also provide Subsurface Utility Engineering (SUE) services to ensure accurate mapping of existing underground utilities, eliminating the need to “find out the hard way” that plotted utility information was inaccurate. Performed during the project design process, Subsurface Utility Engineering helps utility owners, designers, engineers and contractors avoid conflicts or project delays. To avoid these issues, many clients turn to KEITH, a recognized leader in Subsurface Utility Engineering. KEITH’s staff has the expertise required to deliver accurate utility information needed by clients, engineers, contractors and designers to make informed decisions. The SUE services will result in the enhanced accuracy of project designs and cost estimates by collecting and mapping underground utility data that was primarily unknown. KEITH’s team of experts also includes utility coordination managers with extensive experience in working with facility owners, design teams and agencies to mitigate conflicts between existing facilities and proposed designs. KEITH’s relationships with area utility agencies serve to facilitate negotiations, expedite requests for available records and ultimately the successful certification of each project.

Geotechnical Engineering Services

Arehna Engineering will be providing geotechnical services. The approach to these services will depend on the nature of each task assignment. Our resources include a variety of geotechnical field and laboratory equipment. In addition to conventional truck-mounted drill rigs, Arehna will have a small track rig that can access limited sites. Their FDOT approved, AASHTO accredited, laboratory can perform all required geotechnical testing. Since Arehna owns their own equipment, they can meet even the most aggressive project schedules. An experienced geotechnical engineer will be assigned to each planning or design task. The engineer will utilize the geotechnical information that the County has available, coupled with soil survey maps and Arehna’s experience in the area. The geotechnical engineer will review this information with the team and determine where additional geotechnical data is needed. After the geotechnical information is obtained, the geotechnical engineer will evaluate the information in order to provide input for the team’s general feasibility analyses or design plans. The Geotechnical reports will present the geotechnical findings in a written report.



4.2.6 References



4.2.6 References

Miami-Dade County SMART Plan General Planning Consultant Services Contract - North Dade Transitway Land Use Scenario, Visioning, Planning and Economic Mobility and Accessibility Plan Study

Client: Miami-Dade Transportation Planning Organization (TPO)

Address: Stephen P. Clark Center, 111 NW 1st Street, Suite 920, Miami, Florida 33128

Contact Person: Wilson Fernandez, Deputy Director of Transportation and Mobility

Phone: (305) 375-1886

Email: Wilson.Fernandez@miamidade.gov

Project Completion Date: 09/17 - 09/19

Total Cost of Contract: \$800,000

Type of Experience: Firm

Project Description: Recognizing that transit-supportive land use plays a critical role in the success of major rapid transit investments, the Miami-Dade Transportation Planning Organization (TPO) has been tasked to examine this interrelationship to complement the Strategic Miami Area Rapid Transit (SMART) Plan rapid transit initiative. The SMART Plan is intended to help achieve county and community goals through the integration of transportation, land use planning and development of strategies. The purpose of this work order is to develop a Land Use Plan for the North Corridor of the SMART Plan in support of transit.

The Miami-Dade TPO Governing Board passed the SMART Plan on April 21, 2016 recognizing the need to address mobility needs throughout Miami-Dade County. The SMART Plan includes six (6) major rapid transit corridors and a Bus Express Rapid Transit Network. The North Corridor study focuses on providing premium transit along SR 9/SR 817/NW 27th Avenue. The North Corridor stretches 13 miles from the Miami-Dade/Broward County Line to the Airport Expressway along NW 27th Avenue. The Corridor will serve historically under-represented, low-income communities, providing the opportunity to better access jobs, as well as establishing a key regional mobility linkage for the area's job centers, stadium district, and higher education.

The study includes public, on-street transit stations/stops located along the corridor within the study limits. The study also includes public and/or private facilities located adjacent to or off-corridor where potential park-and-ride and/or transit terminals (including the Miami Dade College North Campus) are being considered. The southern project limits included consideration of two major terminals; the MIC, and the proposed Downtown Miami Intermodal Terminal at Government Center via the Martin Luther King (MLK) Jr Metrorail Station at NW 27th Avenue and NW 64th Street.

The purpose of this project is to develop the Transit Oriented Development (TOD), First and Last Mile (including circulator services), and Transit Hubs components to support the economic mobility and accessibility plans for the SMART North Corridor. Several studies by DTPW, the Miami-Dade TPO and other partner agencies have been completed in recent years.



4.2.6 References

Village of Key Biscayne Traffic Engineering Services

Client: Village of Key Biscayne

Address: Building, Zoning & Planning Department, Village Hall, Suite 250
88 West McIntyre Street, Key Biscayne, FL 33149

Contact Person: William Fehr, AICP, Planner

Phone: (305) 365-5502

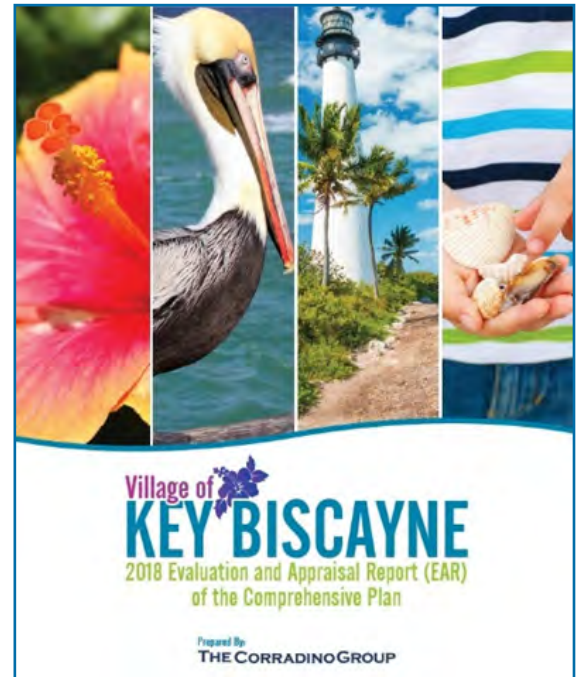
Email: wfehr@keybiscayne.fl.gov

Project Completion Date: 09/18

Total Cost of Contract: \$35,000 (EAR Update)

Type of Experience: Firm

Project Description: Traffic Consultant on the Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami-Dade County Department of Transportation and Public Works, FDOT District 6 and other key stakeholder government agencies. Completed the 2018 Evaluation and Appraisal Report (EAR) of the Comprehensive Plan. Consultant also provided Traffic Signal Control System Modernization at numerous intersections within the Village and Miami-Dade County, Florida. The Traffic Signal Control System Modernization included the review of the database conversion of traffic signal controller timing plans, video detection deployment plans and implementing Centrals adaptive signal control module along multiple corridors.



Town of Cutler Bay Traffic Engineering Services

Client: Town of Cutler Bay

Address: 10720 Caribbean Boulevard, Suite 105
Cutler Bay, Florida 33189

Contact Person: Rafael Casals, CFM, ICMA-CM, Town Manager

Phone: (305) 234-4262

Email: rcasals@cutlerbay-fl.gov

Project Completion Date: 09/08 - 08/16

Total Cost of Contract: Work Order Based

Type of Experience: Firm

Project Description: Traffic Consultant on the Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including in house support, DRC traffic engineering review, intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with the Miami-Dade County Department of Transportation and Public Works, FDOT District 6 and other key stakeholder government agencies. The Corradino Group also completed the updates to the Transportation Element of the Growth Management Plan, the Transportation Master Plan and the Complete Streets Corridor Analysis.



4.2.6 References

City of North Miami Beach General Engineering and Planning Services

Client: City of North Miami Beach

Address: 17050 NE 19th Avenue, 1st Floor
North Miami Beach, FL 33162

Contact Person: Judeen Johnson,
Director of Public Works

Phone: (305) 948-2967

Email: Judeen.Johnson@citynmb.com

Project Completion Date: 09/14 - Present

Total Cost of Contract: Work Order Based

Type of Experience: Firm



Project Description: Corradino evaluated their transit system and introduced a plan that incorporated new transit lines. In the first year, ridership jumped from 17,000 to over 85,000. Additionally, Corradino serves as a peer reviewer for traffic impact analyses, and the City also calls upon Corradino staff to assist with other studies such as ADA reviews, to serve on study advisory committees such as for the City's transportation master plan and parking analyses. Scarlet Hammons, AICP, CTP served as site-plan reviewer for this contract and provided exceptional service and all deliverables, and both oral presentations and written reports were comprehensive and thorough. Corradino has also done COA for the City of North Miami Beach. Corradino is currently providing traffic engineering and transportation planning services for the placement of speed limit radar signs in the City as well as preparing a warrant study for mid-block crosswalks in the City.

City of Oakland Park Culinary Arts District Mobility Plan

Client: City of Oakland Park

Address: City of Oakland Park, 5399 N. Dixie Highway, Suite #3, Oakland Park, FL 33334

Contact Person: Jennifer Frastai, Assistant City Manager

Phone: (954) 630-4477

Email: jenniferf@oaklandparkfl.gov

Project Completion Date: 01/17 - 12/18

Total Cost of Contract: Work Order Based

Type of Experience: Firm

The City of Oakland Park commissioned this Transit Mobility Plan to study the multimodal needs for its Culinary Arts District. A Civic Center with great potential as a future transit hub on the proposed Tri-Rail Coastal Link, this burgeoning district is home to popular local events and regional draws such as Funky Buddha. As the District develops, main concerns include adequate provision of transportation facilities and the need to account for parking. In planning for the future, the City envisions a walkable district connected to a Tri-Rail Coastal Link Station in the center of the District.



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4.2.7 Minority/Women (M/WBE) Participation



4.2.7 Minority/Women (M/WBE) Participation

The Corradino Group, Inc. as Prime Consultant is not a Minority/Women (M/WBE) Business Enterprises firm. However, Corradino has a proven record on meeting and exceeding our client's defined M/WBE participation goals. We are committed to exceed the City's MBE/WBE Procurement Participation Goals under Florida Statutes 287.09451 for this Contract, so we are partnering with the following MBE/WBE firms on task work orders under this Continuing Services Contract. Corradino has teamed with these MBE/WBE firms on prior on call Continuing Services Contracts in South Florida.

Plusurbia, LLC as a Subconsultant is a State of Florida certified Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE).

CALTRAN Engineering Group, Inc. as a Subconsultant is a State of Florida certified Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE).

Arehna Engineering, Inc. as a Subconsultant is a certified County Business Enterprise (CBE) with Broward County and a State of Florida certified Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE).

ADEPT Public Relations, LLC as a Subconsultant is a certified County Business Enterprise (CBE) with Broward County and a State of Florida certified Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE), as well as being a Women Owned Business Enterprise (WBE).



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4.2.8 Required Forms



4.2.8 Required Forms

City of Fort Lauderdale

Bid 12370-206

STATEMENT OF QUALIFICATION CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) The Corradino Group, Inc.

Address: 5200 NW 33rd Avenue, Suite 203

City: Fort Lauderdale State: FL Zip: 33309

Telephone No. 954.777.0044 FAX No. 954.777.5157 Email: jmcarradino@corradino.com

Check box if your firm qualifies for MBE / SBE / WBE: ☐

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>1</u>	<u>1/28/2020</u>	<u> </u>	<u> </u>
<u>2</u>	<u>2/10/2020</u>	<u> </u>	<u> </u>

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. **If submitting your response electronically through BIDSYNC you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.**

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Joseph M. Corradino, AICP

Name (printed)

02/19/20

Date:


Signature

President

Title

Rev. 7/11/2019

NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

- 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).
- 3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

4.2.8 Required Forms

City of Fort Lauderdale

Bid 12370-206

CONTRACT PAYMENT METHOD BY P-CARD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

_____ Master Card

 X Visa Card

Company Name: The Corradino Group, Inc.

Joseph M. Corradino, AICP

Name (printed)

02/19/20

Date:



Signature

President

Title

4.2.8 Required Forms



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
01/27/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services, Inc of Florida 1001 Brickell Bay Drive Suite 1100 Miami FL 33131 USA	CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:		
	INSURER(S) AFFORDING COVERAGE		
INSURED The Corradino Group, Inc. 4055 NW 97th Avenue Suite 200 Miami FL 33178 USA	INSURER A:	Hartford Fire Insurance Co.	19682
	INSURER B:	Hartford Casualty Insurance Co	29424
	INSURER C:	Hartford Insurance Co Of The Southeast	38261
	INSURER D:	Starr Surplus Lines Insurance Company	13604
	INSURER E:		
INSURER F:			

Holder Identifier :

COVERAGES **CERTIFICATE NUMBER:** 570080316569 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS,

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	Limits shown as requested	
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			21UUNDD0602	05/01/2019	05/01/2020	EACH OCCURRENCE	\$1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$1,000,000
							GENERAL AGGREGATE	\$2,000,000
							PRODUCTS - COMP/OP AGG	\$2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			21 UEN DD0586	05/01/2019	05/01/2020	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY (Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			21XHUHN5388	05/01/2019	05/01/2020	EACH OCCURRENCE	\$2,000,000
							AGGREGATE	
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	21WBAD1RSJ See Attached	05/01/2019	05/01/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	 \$1,000,000 \$1,000,000 \$1,000,000
D	E&O-PL-Primary			1000600229191	07/11/2019	07/11/2020	Each Claim Deductible Aggregate	 \$10,000,000 \$150,000 \$10,000,000

570080316569

Certificate No :

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: RFQ #12370-206, Bid #12370-206, Bid Title: Traffic and Transportation Engineering and Planning Services, Bid Start Date: Jan 17, 2020, Bid End Date: Feb 21, 2020. City of Fort Lauderdale, officers, employees and volunteers are included as Additional Insured in accordance with the policy provisions of the General Liability policy. General Liability policy evidenced herein is Primary and Non-Contributory to other insurance available to Additional Insured, but only in accordance with the policy's provisions. A waiver of Subrogation is granted in favor of City of Fort Lauderdale, officers, employees and volunteers in accordance with the policy provisions of the Workers' Compensation policy.

CERTIFICATE HOLDER City of Fort Lauderdale Procurement Services Division 100 N. Andrews Avenue Fort Lauderdale FL 33301 USA	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Aon Risk Services Inc. of Florida
--	--



4.2.8 Required Forms

AGENCY CUSTOMER ID: 570000075512

LOC #:



ADDITIONAL REMARKS SCHEDULE

Page _ of _

AGENCY Aon Risk Services, Inc of Florida		NAMED INSURED The Corradino Group, Inc.	
POLICY NUMBER See Certificate Numbe 570080316569			
CARRIER See Certificate Numbe 570080316569	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Underwriting Companies

Hartford Insurance Company of the Southeast - Florida

Hartford Accident and Indemnity Insurance Company - Kentucky

Nutmeg Insurance Company - Tennessee

Trumbull Insurance Company - Indiana

Twin City Fire Insurance Company - New Jersey

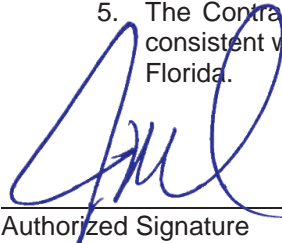
CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH NON-DISCRIMINATION PROVISIONS OF THE CONTRACT

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the Ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in Section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.



Authorized Signature

Joseph M. Corradino, AICP - President

Print Name and Title

02/19/20

Date

4.2.8 Required Forms



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

ADDENDUM NO. 1

RFQ No. 12370-206

TITLE: Traffic and Transportation Engineering and Planning Services

ISSUED: 1/28/2020

This addendum is being issued to make the following change(s):

1. Section II- General Terms and Conditions, Item 2.15 Contract Term, 1st paragraph, currently reads:

The initial contract term shall commence upon final execution of the contract by the City and shall expire THREE (3) years from that date or the day after the current contract expires, whichever is later. The City reserves the right to extend the contract for TWO (2) additional ONE (1) Year terms providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

This paragraph shall be corrected as follows:

The initial contract term shall commence upon final execution of the contract by the City and shall **expire TWO (2) years** from that date or the day after the current contract expires, whichever is later. The City reserves the right to extend the contract for **THREE (3) additional ONE (1) Year terms** providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

All other terms, conditions, and specifications remain unchanged.

James T. Hemphill
Assistant Procurement and Contracts Manager

Company Name: The Corradino Group, Inc.

(please print)

Bidder's Signature:  Joseph M. Corradino, AICP

Date: 02/27/2020

4.2.8 Required Forms



City of Fort Lauderdale • Procurement Services Division
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301
954-828-5933 Fax 954-828-5576
purchase@fortlauderdale.gov

ADDENDUM NO. 2

RFQ No. 12370-206

TITLE: Traffic and Transportation Engineering and Planning Services

ISSUED: 2/10/2020

This addendum is being issued to make the following change(s):

1. The opening date has been changed to March 2, 2020.

All other terms, conditions, and specifications remain unchanged.

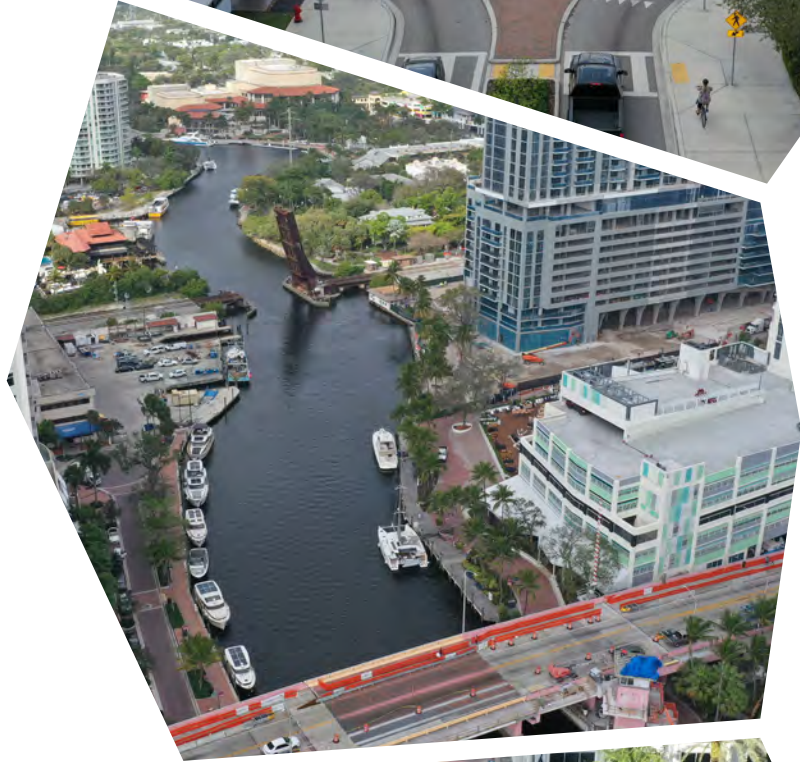
James T. Hemphill

James T. Hemphill
Assistant Procurement and Contracts Manager

Company Name: The Corradino Group, Inc.
(please print)

Bidder's Signature:  Joseph M. Corradino, AICP

Date: 02/27/2020



THE CORRADINO GROUP

5200 NW 33rd Avenue, Suite 203

Fort Lauderdale, FL 33309

(954) 777-0044 • Fax: (954) 777-5157

www.corradino.com