

Dates to Remember:

- **July 10**
Monthly Luncheon
- **July 12-13**
Annual Conference
- **June 24th**
YMG Member Luncheon

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The Newsletter of the Palm Beach Branch, Florida Section of the American Society of Civil Engineers

President's Message

Greetings Palm Beach Branch members, So far our notable events for Spring include Jose Guardiola's presentation about seepage issues and lessons-learned from the Ten Mile Creek Water Preservation Area project at our March meeting; Murphy Pipelines' presentation about pipe bursting, slip lining and swage lining at our April meeting; and Chad Lipscomb's presentation about HPTRM at our May lunch meeting. Our local EWRI chapter held a lunch meeting in April at SFWMD headquarters with Janna Wachnicka, who gave a presentation about water quality and phytoplankton dynamics as indicators of Hurricane Irma's impact on Biscayne Bay.

In April, I attended the ASCE Florida Section quarterly board meeting on behalf of the Branch at the University of Florida. It was a great opportunity to network with the student chapters and other branches.

The Branch held its annual Joint Societies of Palm Beach Spring Mixer at the Palm Beach Hibiscus House in April. This networking/social event was attended by the members of local chapters/branches of ASCE, FES, AWWA, AWRA, WTS and ITE.

During the past few months, our Young Members Group (YMG) had three field trips which included a guided canoe and kayak tour of Grassy Waters Preserve; a tour of the sand trap dredging project within Jupiter Inlet as well as a tour of the recently completed Boynton Beach East Water Treatment Plant Ion Exchange project. Our YMG chairpersons, Marly Trier and Yehya Siddiqui are currently planning more YMG events for the near future. Please reach out to either of them if you are interested in participating in upcoming YMG events (their contact info is provided with the contact info for the Branch officers and chairpersons in this newsletter).

The ASCE Florida Section 2018 Annual Conference is shaping up to be a first-rate event, which will offer many continuing education and networking opportunities as well as interesting field trips. Unlike previous years, the conference will have two full days of scheduled events and classes beginning in the morning of Thursday July 12th and concluding in the evening of Friday July 13th. The conference will be held at the historic Vinoy hotel in St. Petersburg, Florida. If you haven't signed-up yet, I encourage you to register at:

<https://www.asceflconference.org/>

I'm looking forward to the next few months as we continue to gather together to help our profession and our community. Please feel free to contact me at any time with questions, ideas or general feedback.

Sincerely,

Raymond Sciortino, P.E.

President, ASCE Palm Beach Branch
raymond.sciortino@jacobs.com

Advertising Opportunities

*Renew your Newsletter & Website Sponsorship: **\$100 for 12 months**
Includes website & 4 newsletters to over 700 professionals*

Job Posting Opportunities

*Newsletter & Website Sponsorship: **\$50 per listing** - runs for **6 months**
Includes website & 2 newsletters to over 700 professionals*

PDH Certificates Available on New Website

Please use the link below to access your **PDH certificates** for the ASCE Palm Beach Branch lunch meetings you attended since 2015 where a PDH was offered, **and** you provided proof of your attendance by signing the attendance sheet.

<http://branches.asce.org/palmbeach/resources>

Upcoming Monthly Meeting

WHEN: Tuesday, July 10, 2018 from 12:00 -1:00 P.M.

Presenter's Bio:

The presentation will be given by Heath Wintz, P.E., who is a lead environmental engineer at Stantec, Inc. After attending the University of Florida, Heath has focused on utility projects throughout Palm Beach, Martin and Dade Counties. Over the past 14 years, Mr. Wintz has design and constructed processes for the treatment and disinfection of potable water, wastewater and reclaimed water. He is currently focused on construction of the UV treatment facility and Powdered Activated Carbon contact basin at the City of WPB WTP, and engineer of record for design of the Deep Injection Wells as part of the Miami-Dade WASD Ocean Outfall Legislation program. Heath is an occasional triathlete, retired cave diver, and is currently learning to kite surf.

Presentation Summary/Outline:

1. Project background & West Palm Beach Water Supply
2. Design of the Water Treatment Process & UV Disinfection system for City's Plant
3. Construction Challenges
4. Lessons Learned

PDH: 1 PDH is pending

WHERE: Vista Center – 2300 N. Jog Road, West Palm Beach, FL 33411 (Room 1E-58)

LUNCH COST: Pay at meeting: \$10 cash/check or \$10 by credit card.

Pay using on-line registration at <http://branches.asce.org/palmbeach>

Please make your reservation prior to 9:30am on the day of the meeting. Contact Marline Daceus at 561-840-0264 if you need assistance.

UPCOMING EVENTS – SAVE THE DATES!

**ASCE** | **FLORIDA SECTION**
ANNUAL CONFERENCE

2018 | **INNOVATIVE
INFRASTRUCTURE**
July 12-13 at the The Vinoy® Renaissance | St. Petersburg, FL

CALL FOR SPEAKERS

The 2018 Annual Conference for the ASCE Florida Section will be held at The Vinoy, July 12-13, 2018. The Annual Conference is the largest event held by the Florida Section and is attended by hundreds of municipal and private firm engineers/managers from across Florida and the surrounding states. The technical sessions at the Annual Conference have something of interest for everyone.

Technical sessions will be offered in 30-minute and 50-minute sessions and the final technical program schedule will be based on submitted presentations. The technical sessions will provide 1 Continuing Education hour (CE) for a 50-minute presentation and 0.5 CE for a 30-minute presentation. Technical content will be reviewed by the ASCE Florida Section for consistency with our continuing education guidelines and will be generally aligned with our Institutes in the following categories:

**Presenting at
this conference:**

- Earns 2x the CE Credits
- Highlights the successes of
your career
and company
- Gives back to the
profession
- Reduces conference
registration fee

Geotechnical



Structural

Transportation &
Land DevelopmentEnvironmental &
Water ResourcesUtility Engineering
& SurveyingProfessional
Development

If you or someone you know is interested in being a presenter at the 2018 ASCE Florida Section Annual Conference, we ask you to visit www.asceflconference.org and complete the call for speakers form on any of the topics listed above by **January 15, 2018**.

Notification of abstracts selected for presentation will begin **February 15, 2018 (subject to change)**. Speakers will be invited to register at a reduced rate. Speaker registration information will be sent upon notification that the abstract has been selected for presentation.

I'm ready to submit

Just click to visit the online submission form.

Please note there will be word limits on the submissions.

[SUBMIT](#)



Enjoy the historic Vinoy Resort

From the time it opened at the dawn of 1926 to its current incarnation as one of St. Petersburg's most spectacular waterfront resorts, this timeless treasure still impresses with its lofty pedigree, along with an

ability to survive decades of neglect, winds of change and painstaking renewal. For 85 years, The Vinoy® Renaissance St. Petersburg Resort & Golf Club has been - and always will be - a place to relax, play, indulge and savor the good life.

ASCE Florida Section | judy@fla-asce.org | www.fla-asce.org

Young Member Luncheon

Presenters Bio:

Cody Parham is a professional engineer with thirteen years of experience in airport planning, design, and construction. He's worked throughout the US and Caribbean on airport terminals, airspace, and numerous airfield projects. He is a member of the ASCE Airfield Pavement Committee and serves as the Vice Chair of the Airport Consultant Council's Young Professionals Forum. In these roles, Cody has engaged young professionals by giving them a voice and a way to connect with their peers. Please reach out to him if you want to get involved Too!

Cody.Parham@hdrinc.com

Lake Worth Water Treatment Plant Training Room

301 College Street, Lake Worth, FL 33460

Pizza and drinks will be provided free of charge to attendees.


6/27/18 from 12PM-1:00PM

1 PDH Approved



EVENTS, SOCIALS AND FIELD TRIP RECAP!

Engineers In Government Night 2018





ENGINEERS IN GOVERNMENT NIGHT 2018

WHEN: March 29, 2018 | 5:30 to 8:00 PM
WHERE: LAKE WORTH CASINO BLDG. BALLROOM

You are invited to an annual event that honors the accomplishments and contributions of engineers in public and private practice in Palm Beach County.

Presented By:
 The American Society of Civil Engineers, Palm Beach Branch






Guest Speaker: Robin Kemper, P.E., LEED AP, F. ASCE
 ASCE 2018 President-Elect

5:30 to 6:30 PM – Dinner Reception
 6:30 to 8:00 PM – Guest Speaker & Awards Presentation

Cost to attend is \$20 per guest - includes dinner and parking in a reserved section of the Lake Worth Casino Bldg. parking lot.
 Registration link coming soon.

Contact Vijay Mishra PE at 561-682-2810 or vijaymishra@steward.com for
Sponsorship Opportunities or Awards Nominations


With special guest Robin Kemper, ASCE President Elect 2018

Award Winners:

2018 Howard L. Searcy Engineer of the Year : Brent Whitfield, P.E.

2018 Frank J. Gargiulo Government Engineer of the Year: Thomas J. Lundeen, P.E.

2018 Young Engineer of the Year : Teresa Chapman

2018 Employer of the Year: Chen Moore and Associates

2018 Project of the Year: Flagler Memorial Bridge

2018 Past President: Julie Parham, P.E.

Life Member Award**Recipients:**

Kevin Aubry, P.E.
Richard Scott Hueber, P.E.
Robert Luis Sanchez, P.E., PG
William Erik Genz, P.E.
Richard Paul Komosky, P.E.

ASCE Officers toured
the East Central
Regional Water
Reclamation project
with Robin Kemper and
the construction team.



Young Member Group – Jupiter Inlet District Site Visit on March 15th. Cavache Inc. and Taylor Engineering provided ASCE Members with great insight into their dredging operation. Fantastic guides and views made for a great field trip!



YMG Field Trip: YMG organized an event inclusive of all members of the ASCE for a tour of the recently completed Boynton Beach Ion Exchange project - recipient of the Envision ® Bronze award for sustainable infrastructure! The \$30.8 million dollar project was managed by CDM Smith with Carollo Design Build Group, utilizing a Progressive Design-Build (PDB) delivery method. The project increases capacity of the East Water Treatment Plant to 24 mgd and provides an ion exchange resin system for polishing of the water quality, specifically for removal of color and organic carbon. Work included rerating of the lime softeners; valve and actuator

The Branch held its annual **Joint Societies' of Palm Beach Spring Mixer** at the Palm Beach Hibiscus House on April 12, 2018. This social event was attended by the members of local chapters/branches of ASCE, FES, AWWA, AWRA, WTS and ITE!



THURSDAY, APRIL 12TH
JOINT PROFESSIONAL
SOCIETIES OF PALM BEACH
SPRING MIXER



FREE PIZZA, PASTA, & WINGS!



WHERE:
PALM BEACH HIBISCUS
213 SOUTH ROSEMARY AVE.
WEST PALM BEACH
FL, 33401
TIME: 5:30PM – 8:30PM

ASCE Palm Beach Members and SECME (Science, Engineering, Communication, Mathematics and Enrichment) volunteers worked together at the **SECME Olympiad** on April 7th at Santaluches High School. Thanks to all those involved!



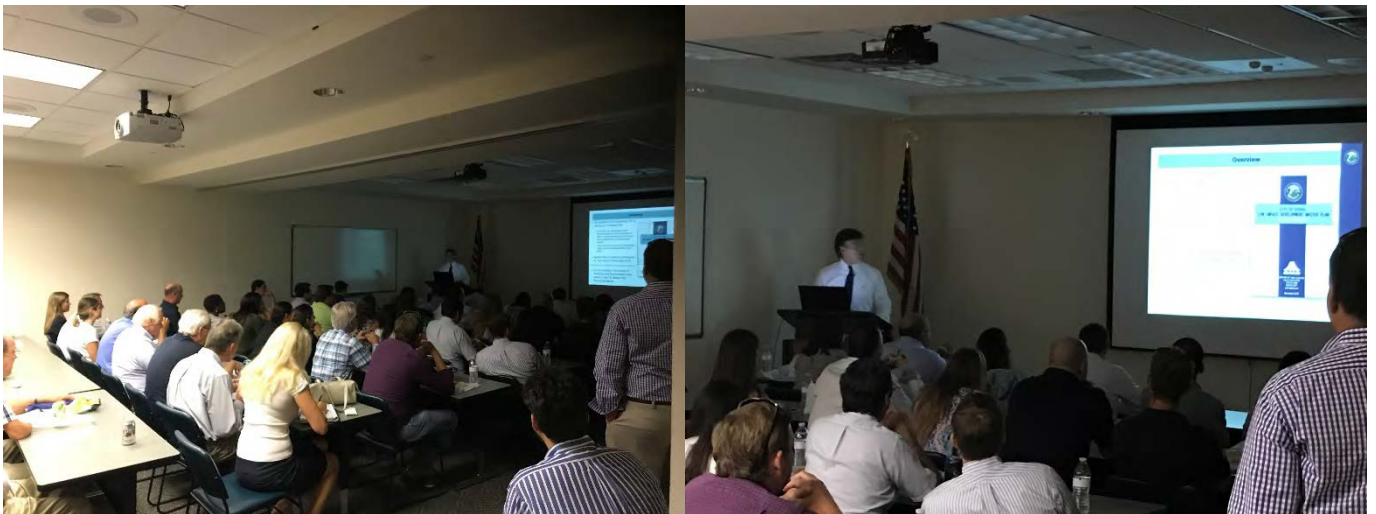
Monthly Luncheons

April 4: ASCE Palm Beach joined up with the Broward branch in a special luncheon at FAU. Todd Grafenauer of Murphy Pipeline discussed their efforts to reduce the social, environmental and economic costs of water and sewer replacement, multiple trenchless methods were presented including pre-chlorination, static pipe bursting, manhole to manhole pipe bursting and Compression Fit HDPE pipe lining. The technical presentation focused on the history, design considerations and construction overview of each trenchless method.

May 8: The presentation was given by Chad M. Lipscomb, PE, CPESC, who is an employee of Western Excelsior / North American Green. The presentation provided an overview of high-strength slope stabilizing systems (such as high performance turf reinforcement mat) and a framework for application. Erosion and geotechnical aspects of the systems were discussed.



June 12: Alex Vazquez, P.E., CPM, a senior civil/drainage engineer and vice president of ADA Engineering, Inc. presented on the City of Doral and how they developed a LID Master Plan to assist the City in maximizing implementation of LID Integrated Management Practices. These practices will minimize impacts from anticipated new development and/or redevelopment projects. The Master Plan will also provide guidance for LID site planning, hydrologic analysis, and erosion and sediment control practices, as well as incentives for participation.



ASCE PALM BEACH ON:



Please check out our newly revamped Facebook page @

<https://www.facebook.com/ascepalmbeach/>

Follow our page to track upcoming events and to get updates on some of the amazing events and volunteering your fellow ASCE members are involved in. For any questions about the Facebook page please contact our social media chair member.

SOCIAL MEDIA CHAIR

Estela Aguilar

leonaguilar@teamgfa.com

Job Postings

Position: **MANAGER, TRAFFIC SIGNAL SYSTEM**
Salary Range: \$84,306 to \$138,176 Annually. Pay Grade 49.
Department: Engineering and Public Works/Traffic
Location: Vista Center, 2300 N. Jog Road, WPB
Hours: 8:00 A.M. to 5:00 P.M., Monday - Friday
Other: Valid Florida Driver's License and PBC Risk Management
Department driving history approval prior to appointment.



Responsible for the management of the Traffic Signal Section of the Traffic Engineering Division. Duties include the design, construction and operation of the traffic signal system, expansion of an internet-based communication system and deployment and operation of Intelligent Transportation Systems (ITS) and management of the Traffic Management Center (TMC) operations, including the Transportation Systems Management and Operations (TSM & O) program. Performs administrative and management duties: Coordinates and prepares inter-local agreements; administers Federal and State grants; interacts with the public, elected officials and municipal representatives; reviews and acts as liaison for engineering consultants and other County departments and divisions; coordinates and reviews technical aspects of the work as designated by the Division Director.

The Palm Beach County Board of County Commissioners provides an excellent benefits package, including medical, dental and life insurance as well as vacation and sick leave, tuition reimbursement and participation in the Florida Retirement System.

QUALIFICATIONS:

Bachelor's Degree in Traffic Engineering or related field; minimum of five (5) years of progressively responsible experience in traffic engineering including two (2) years of experience in the supervisory aspects of the work.

Necessary Special Requirement: Licensed as a Professional Engineer (P.E.) in the State of FL or licensed as a P.E. in another state and must obtain State of FL P.E. licensure within 12 months of hire.

PREFERENCE FOR EXPERIENCE WITH: Traffic signal design/system operation; internet communication systems; ITS operations; TMC management. Also desirable: Related Master's Degree.

Visit www.pbcgov.jobs for job description and to apply online. May submit scannable application/resume with any Veteran's Preference documentation to Palm Beach County Human Resources, 100 Australian Avenue #300, West Palm Beach, Florida 33406 Info 561/616-6888 Fax 561/616-6893 (No e-mail applications/resumes accepted). **Applications/resumes must include Job ID number, and will be accepted no later than 5:00 p.m. on June 22, 2018. EO/AA M/F/D/V (DFWP), Drug Free Work Place; All employees of Palm Beach County may be required to work before, during and/or after a natural or man-made disaster or hurricane.**



Position: **ASSISTANT DIRECTOR, TRAFFIC ENGINEERING**
Salary: \$89,225 - 161,216 Annually, negotiable depending on qualifications
Department: Engineering and Public Works/Traffic Engineering
Location: 2300 N. Vista Parkway, WPB
Hours: 8:00 A.M. to 5:00 P.M., Monday - Friday
Other: Valid Florida Driver's License and PBC Risk Management Department driving history approval prior to appointment.
THIS IS AN AT-WILL POSITION.

Assists the Director in managing and coordinating functions within the Traffic Engineering Division. Develops and administers programs for determining the long-range traffic impacts of development on the County roadway system. Assists in directing traffic engineering operations involving the design, installation, operation, and maintenance of traffic control devices including signals, signs, and pavement marking. Designs and evaluates traffic engineering studies for traffic volumes, speeds, accidents, traffic signal warrants and traffic ordinances. Coordinates and prepares inter-local agreements; administers federal and state grants; interacts with the public, elected officials and municipal representatives; provides liaison and review for engineering consultants and other County departments and divisions. Coordinates and reviews technical aspects of the work as designated by the Division Director.

The Palm Beach County Board of County Commissioners provides an excellent benefits package, including medical, dental and life insurance as well as vacation and sick leave, tuition reimbursement and participation in the Florida Retirement System.

QUALIFICATIONS:

Bachelor's Degree in Traffic Engineering or related field; minimum of five (5) years of experience in all aspects of traffic engineering including two (2) years of experience in the supervisory aspects of the work. Equivalency: Related Master's Degree and four (4) years of experience including two (2) years of experience in the supervisory aspects of the work.

Necessary Special Requirement: Licensed as a Professional Engineer (PE) in the State of Florida or the ability to obtain licensure by endorsement within 12 months of hire.

PREFERENCE FOR EXPERIENCE WITH: Traffic operations including traffic signals, signing and pavement markings; Intelligent Transportation Systems (ITS); land development regulations; long-range planning; traffic impact studies.

Visit www.pbcgov.jobs for job description and to apply online. May submit scannable application/resume with any Veteran's Preference documentation to Palm Beach County Human Resources, 100 Australian Avenue #300, West Palm Beach, Florida 33406 Info 561/616-6888 Fax 561/616-6893 (No e-mail applications/resumes accepted). **Applications/resumes must include Job ID number, and will be accepted no later than 5:00 p.m. on June 22, 2018. EO/AA M/F/D/V (DFWP), Drug Free Work Place; All employees of Palm Beach County may be required to work before, during and/or after a natural or man-made disaster or hurricane.**

Position: **COUNTY WATER RESOURCES MANAGER**
Salary: \$102,148 Annually, negotiable depending on qualifications
Department: County Administration
Location: 301 N. Olive Avenue, West Palm Beach
Hours: 8:00 A.M. to 5:00 P.M., Monday - Friday
Other: Valid Florida Driver's License and PBC Risk Management
Department driving history approval prior to appointment.
THIS IS AN AT-WILL POSITION.



Palm Beach County, Florida, seeks qualified applicants for the position of County Water Resources Manager. This position performs specialized technical and administrative work providing broad water resource expertise for the County, and is responsible for initiating, developing, coordinating, and commenting on water resource projects, reports, and plans prepared by the County and other entities, such as the South Florida Water Management District (SFWMD), Lake Worth Drainage District (LWDD), and Federal Emergency Management Agency (FEMA). Advises the Board of County Commissioners on the impact of land development activities, the Everglades, drainage, water supply, and environmental issues. Meets with County Administration, Legislators, State and Federal agency representatives to discuss or give presentations related to water resources, planning and technical studies and programs, and keeps local officials informed of funding and implementation of water resource plans and programs. Establishes and maintains communications through contacts with other agencies and local governments involved in planning and regulatory activities. Work is performed with considerable independence and the supervision is received from the County Administrator by consultations and review of completed work.

QUALIFICATIONS:

Bachelor's Degree in Civil Engineering or related field; minimum of 10 years of experience in water resource design, planning, or management, with a minimum of five (5) years of experience in South Florida.

Necessary Special Requirement: Licensed as a Professional Engineer in the State of Florida OR licensed as a Professional Engineer in another state and must obtain State of Florida Professional Engineer licensure within six (6) months of appointment.

PREFERENCE FOR ONE (1) YEAR OF PROFESSIONAL EXPERIENCE: Working as a P.E. for/on behalf of a governmental entity (**must specify on application**). Also desirable: Knowledge of local (Palm Beach County) drainage systems and hydrology/other water resource functions.

APPLY ONLINE or download employment application at www.pbcgov.jobs. Deadline for application: 5:00 p.m. on June 22, 2018. Palm Beach County Human Resources, 100 Australian Avenue, Suite 300, West Palm Beach, FL 33046; Fax 561-616-6893; EO/AA M/F/D/V (DFWP). No emailed resumes accepted. All employees of Palm Beach County may be required to work before, during and/or after a natural or man-made disaster or hurricane.

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CIVIL ENGINEERING

ENVIRONMENTAL ENGINEERING

PLANNING

LANDSCAPE ARCHITECTURE

GEOGRAPHIC INFORMATION SYSTEMS

CONSTRUCTION ENGINEERING & INSPECTION



CMA IS HIRING!

Chen Moore and Associates, currently celebrating our 30th "Chenniversary," is a multi-disciplinary consulting firm with various employment opportunities in all of our offices. Chen Moore and Associates is currently collecting resumes from interested candidates for the positions listed below.

- Senior Engineer – Miami Office
- Junior Engineer(s) – Fort Lauderdale Office
- CAD Technician(s) – Fort Lauderdale Office
- Construction Inspector – Fort Lauderdale Office
- Landscape Architect Intern/ Designer – West Palm Beach and Orlando Offices
- Senior Landscape Architect – Orlando Office
- FDOT Roadway Inspector(s) – Gainesville Office

Please visit www.chenmoore.com for more information on these employment opportunities. Interested candidates can email resumes to jobs@chenmoore.com.



Survey Crew Chief: Years' Experience: 1 - 3 years Mandatory

Typical Duties and Responsibilities: Using prescribed methods, executes specific, field related assignments as requested. Applies standard practices and techniques in specific situations, collects data, keeps proper field notes, recognizes, evaluates and solves discrepancies in results, and follows operations through a series of related detailed steps or processes; perform mathematical calculations and read and understand plans and specifications; know principles of documentation, staking and marking. Candidate is responsible for the organization and cleanliness of the survey equipment, the equipment room, and all survey vehicles.

Responsibility for Direction of Others: Under direction, coordinates the activities of the field survey party, and would be responsible for the effective performance, training, and safety of all members of a field survey party. Additional duties may include any task as directed by a supervisor.

Education / Training: Must have at least 3 years prior experience in Land Surveying as a crew chief, with construction layout, topographic and boundary surveying, must have experience with both traditional and G.P.S. surveying equipment, must have good trouble shooting skills, work well with surveypro, Topcon and Trimble instruments. Candidate must have good written and verbal communication skills. C.S.T. certification or ability to obtain certification within one year is preferred but not required. Must have clean Florida Driver's license to drive company vehicles.

EMPLOYMENT OFFERS CONTINGENT UPON A NEGATIVE DRUG TEST AND A CLEAN DRIVING RECORD.

Field Survey Crew Instrument Operator

Typical Duties and Responsibilities: Using prescribed methods, executes specific, field related assignments as requested by Crew Chief. Applies standard practices and techniques in specific situations, collects data, keeps proper notes, recognizes discrepancies in results, and follows operations through a series of related detailed steps or processes. Responsible for the organization and cleanliness of the survey equipment, the equipment room, and all survey vehicles. Additional duties may include any task as directed by a supervisor.

Education / Training: Must have at least 2 years prior experience in Land Surveying. CST certification a plus, but not mandatory. Must have valid Florida Driver's license.

EMPLOYMENT OFFERS CONTINGENT UPON A NEGATIVE DRUG TEST AND A CLEAN DRIVING RECORD.

Project Surveyor

Job Description: We are seeking an individual with great work ethic and an ability to motivate themselves as well as coworkers towards meeting project deadlines with minimal oversight in a fast paced environment. The candidate must display problem solving skills while always looking out for the clients' best interest. The desired candidate will have experience in design surveys, construction staking, record drawings, boundary and topographic survey, sketch and legal descriptions, plat preparations and elevation certificates. Each day will present new and exciting jobs and opportunities to interact with various clients.

Key Responsibilities: Ability to make accurate and neat drawings, knowledge of advanced mathematics and surveying, knowledge of drafting and surveying principles, skilled in the use of AutoCAD Civil 3D to generate a final deliverable to the client, ability to coordinate with field crews and survey technicians to establish project responsibilities, priorities and deadlines, ability to analyze specifically assigned problems, gather and organize the pertinent data and arrive at valid conclusions, ability to provide quality assurance and quality control of various survey projects, must be prepared to meet with or have conference calls with clients, must be up to date with governmental requirements for surveying documents.

Job Requirements: Must be self-motivated, licensure as a Professional Surveyor and Mapper in the State of Florida or ability to obtain licensure within 12 months, 4+ years of survey experience, Associate or Bachelor Degree preferred, but not required, strong verbal and written communication skills of the English language, must understand the importance of project budget and deadline constraints, ability to work independently as well as with office staff and field crew personnel, resourceful problem solver focused on attention to detail and accuracy, excellent organizational and time management skills, ability to work on several jobs simultaneously, proficient with AutoCAD Civil 3D versions 2004 through 2018, working knowledge of field coding and automated line work, proficient with Microsoft Office Software, valid Driver's License, must pass drug test, background test and must have a satisfactory driving record in accordance with the Company's driving policy.

If interested, please email bjackson@engenuitygroup.com with an attached resume and contact information.

**Become part of our Great Hometown and
Join the Village of Wellington's
Utilities Department!**



The Village of Wellington is a "Great Hometown" that strives to provide high quality services that create economic, environmental, and social sustainability. Our Wellington vision balances a unique hometown, family atmosphere with an attractive natural environment and recreational, cultural, and educational activities and facilities for all ages. The Village of Wellington is a family-oriented community located in Western Palm Beach county and is a great place to live, work, and play.

Performs seasoned and leading-edge professional level specialized work in engineering in connection with the evaluation, planning, design, construction and maintenance of a variety of projects in Wellington's Water and Wastewater Utility Department. Incumbents in this position apply professional engineering skills and knowledge to a variety of new construction and renovation projects. Assignments offer the opportunity for independent judgment in evaluating alternative plans, completing cost benefit studies, planning work details and making technical determinations with respect to engineering problems. Work is performed under general direction with considerable latitude in the use of initiative and independent judgment. Position develops solutions to non-routine issues without appreciable guidance from others and exercises significant latitude in determining approaches to critical assignments.

Examples of Duties

The list of essential functions, as outlined herein, is intended to be representative of the tasks performed within this position. The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position.

- Reviews development plans for conformance to Utility Standards.
- Manages and administers Utility capital improvement projects and contracts.
- Represents the Utility before regulatory agencies.
- Assists with the coordination of professional consultants and assists with the development of the Utility Capital Improvement Plan.
- Serves as project manager and performs technical engineering tasks in the field and office.
- Checks and reviews plans and specifications submitted by private engineering consultants, and provides guidance to contractors, owners, and architects relative to the interpretation and application of Village standards and specifications.
- Interprets and evaluates engineering compliance with applicable state, county, and Village codes, ordinances, resolutions, regulations, standards, specification, policies and procedures, as well as approved construction plans.
- Furnishes engineering advice in regard to proposals made, specifications and standards set forth, as well as soundness of design, theory, and construction practice.
- Evaluates surveys and profiles and computes grades for the construction of engineering projects; makes inspections in the field, observes operations, and determines quality of work.
- Assists in formulation of engineering standards and specifications; conducts engineering studies and makes recommendations.
- Reviews construction plans for private developments for compliance according to area of assignment, in compliance with Village codes and proper engineering standards.
- Performs project management for Utility construction projects, ensuring contractor compliance with project specifications, and time and budget parameters and coordinating communication of pertinent project information with related governmental agencies, consultants, and contractors.
- Reviews private project development plans, land use plan amendments, zoning petitions, site plans, variance petitions, and various permit applications for compliance with engineering standards.

- Provides professional review of projects for staff and consultants seeking development approval; writes and assists in preparation of engineering reports.
- Conducts field inspections of Village projects, and private projects as needed.
- May serve as the Village's representative on various projects according to area of assignment.
- Makes necessary field inspections prior to and during construction to ensure compliance with plans and instructions or to provide technical assistance on unusual, difficult, or complex issues.
- Assists in the preparation of plans, bid documents, specifications, and contract specifications for projects; administers all contracts within the department.
- Plans or assists in planning, implementing, and administering the utilities administration budget; monitors and ensures adherence to established operating and expenditure parameters.
- Meets the general public and answers questions; receives public requests for information and receives and provides resolution to complaints regarding work activities of divisions under charge.
- Performs related duties as directed when such duties are a logical and appropriate assignment to the position.

Qualifications

Bachelor's Degree in Civil Engineering, Environmental Engineering, or related field required; supplemented by five (5) or more years of professional experience in engineering, including design and construction work; Florida Professional Engineer (PE) license required; a Master's Degree in Engineering supplemented by three (3) years of professional experience in engineering may qualify for entry into the job; or an equivalent combination of education, training and/or experience; previous experience as a lead worker or in managing the work of others is required. Water and Wastewater Utility experience is preferred according to area of assignment. Demonstrated journey level computer literacy with standard software packages (e.g., word processors, spreadsheet applications, email, Internet usage) required. Possession of a valid Florida driver's license required.

Supplemental Information**PHYSICAL REQUIREMENTS:**

Depending on functional area of assignment, tasks involve the ability to exert light physical effort usually involving some lifting, carrying, pushing and/or pulling of objects and materials of light weight (up to 20 pounds). May involve some climbing, balancing, stooping, kneeling, crouching, crawling, walking or standing. Tasks may require extended periods of time at a keyboard or workstation.

ENVIRONMENTAL REQUIREMENTS:

Tasks are regularly performed inside and/or outside with potential for exposure to adverse conditions, such as dirt, dust, pollen, odors, fumes and/or poor ventilation, wetness, humidity, rain, temperature and noise extremes, machinery and/or moving vehicles, vibrations, electric currents, animals/wildlife, toxic/poisonous agents, gases or chemicals, oils and other cutting fluids, violence and/or disease, or pathogenic substances.

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

The job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.

The Village of Wellington is an Equal Opportunity Employer. In compliance with Equal Employment Opportunity guidelines and the Americans with Disabilities Act, The Village of Wellington provides reasonable accommodation to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.

*Wellington City Hall
12300 Forest Hill Blvd.
Wellington, Florida, 33414*

Phone
561-791-4063

Website
<http://www.wellingtonfl.gov>

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ASCE JOB POSTING
2017-2018
PALM BEACH COUNTY, FLORIDA

FACT SHEET / INVOICE

CIRCULATION Approximately 1000+ members of the Palm Beach Branch ASCE Email List

FREQUENCY **2 newsletters** distributed electronically each quarter (FEB / MAY / AUG / NOV)
& Job posting on ASCE Palm Beach Branch website for **6 months**.

PUBLICATION SIZE 8-1/2 inches x 11 inches

COST \$50 per listing

INFORMATION FOR LISTING: See for reference: <http://www.palmbeach-asce.org/listings.asp>

Job Title: _____

Location: _____

Description: _____

Contact: _____

Phone: _____

Email: _____

INVOICE

Company Name _____ Attn. _____

Address _____ City _____ State _____ Zip _____

Telephone _____ Email _____

Payee: ASCE PALM BEACH BRANCH

Amount Enclosed _____

Send check (Payable to ASCE Palm Beach Branch) and job posting (email preferred) to:
Thomas Montano, P.E.
ASCE Palm Beach Branch Secretary
607 NW Commodity Cove
Port St. Lucie, FL 34986
Email: tmontano@teamgfa.com
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2017-2018
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PUBLICATION SIZE 8-1/2 inches x 11 inches

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Amount Enclosed _____

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ASCE Palm Beach Branch Secretary
607 NW Commodity Cove
Port St. Lucie, FL 34986
Email: tmontano@teamgfa.com