

Engineering Services for

LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS – DESIGN AND PERMITTING

Town of Longboat Key, FL

RFP 27-004 | November 9, 2026

Jacobs

Tab 1

Executive Summary



Tab 1. Executive Summary

The Jacobs team is supported by local partners and 279 professionals in our Sarasota and Tampa offices, along with over 1,788 staff across Florida. We are committed to delivering responsive, data-driven coastal drainage improvement solutions, tailored to the Town of Longboat Key's needs.

A. Individuals Responsible for the Proposal

Principal-in-Charge Chris Sharek, PC, BCEE, PMP, ENV SP; Project Director Jason Montminy, ENV SP, and Project Manager Allie Bittle, PE, are responsible for this proposal for the Town of Longboat Key. Their contact information is included below.

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Principal-in-Charge



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Project Director



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Project Manager



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Engineering News-Record has Ranked Jacobs No.1 in its list of Top 500 Design Firms in the world.
We've held a top five position inthe Top 500 lists since ENR's rankings began in 2003.

2026 ENR

#1
- ✓ Sanitary & Storm Sewer
- ✓ Sewer & Waste
- ✓ Wastewater Treatment

#2
- ✓ PM/CM
- ✓ Roadways/Highways
- ✓ Transportation
- ✓ Water and Water Supply

Legal Contracting Name:
Jacobs Engineering Group Inc.

State of Organization or Incorporation:
Delaware, 1987

Years in Business Under Current Name: 39

Full-Time Employees: 46,394

Ownership Structure: Corporation

Federal Identification Number: 95-4081636

Local Office:
7126 S. Beneva Rd, Suite 200, Sarasota, FL

B. Overview and History

Jacobs is a U.S.-based global professional services firm whose history spans nearly eight decades, evolving from a one-person engineering consultancy into a Fortune 500 company serving clients worldwide. Jacobs was founded on July 14, 1947, in Pasadena, California, by Dr. Joseph J. Jacobs, a chemical engineer trained at the Polytechnic Institute of Brooklyn. The firm began as a small engineering consulting business, focused on post–World War II industrial and process-plant needs. Since 1953, Jacobs has been providing engineering services to municipal clients in Florida. **We are the largest solution provider in Florida and a top-ranked global transportation, design, water, and program management firm ranked by Engineering New-Record (ENR) since 2003.** In addition, Jacobs has been recognized by the American Society of Civil Engineers (ASCE) as **one of the best-managed consulting engineering firms in the country.**

Over the past seven decades, we have delivered hundreds of public infrastructure projects focused on stormwater management and floodplain services, resilience, facility hardening, natural systems restoration, and watershed planning. Jacobs brings nationally recognized expertise in stormwater and flood mitigation planning, design and implementation, backed by a deep Florida bench and a proven record of delivering science-based, grant-aligned, and implementation-ready solutions for coastal and estuarine communities.

Jacobs Established History

Jacobs Engineering Group Inc. (Jacobs) is a global solutions company and one of the world's largest and most diverse providers of professional service.

Established in **1947** as an engineering and construction company, Jacobs' currently leads the global professional services sector with **$15 billion** in combined revenue, a talent force that is more than **46,000** strong, and a global network that includes more than **400 locations.**

We offer full-spectrum support to municipal, state, and federal agencies and private sector clients across multiple industries. We are headquartered at 1999 Bryan Street, Suite 1200 in Dallas, Texas, and we operate as a publicly traded company.

Locally, our Florida staff of over **1,788 employees** is focused on providing consulting services for a wide variety of clients.



Jacobs has 20 offices throughout Florida, including a local office in Sarasota that has served this community for over five years.

Chris Sharek, Allie Bittle, Jason Montminy, and Jason Bird are key leaders within our Sarasota office and are committed to providing the Town of Longboat Key with hands-on service and effective solutions for Longboat Key Village.











C. Florida Business Licenses and Certifications

Jacobs' Florida business licenses and certifications are included on the following pages

D. Judgements, Claims, Arbitration Proceedings or Suits Pending

Jacobs Engineering Group Inc. (JEG) is a wholly owned subsidiary of Jacobs Solutions Inc. (Jacobs). The Jacobs organization has a talent force of more than 40,000 with global operating entities in 40 countries. Jacobs provides end-to-end services in advanced manufacturing, cities & places, energy, environmental, life sciences, transportation, and water. Jacobs and its related companies and affiliates form a global organization that has the technical, financial and professional qualifications and resources to deliver. The organization is subject to the periodic reporting requirements promulgated by the U. S. Securities and Exchange Commission (the "SEC") and that the Jacobs' most recent statements are available through the SEC at www.sec.gov. From time to time and in the ordinary course of its business, JEG is subject to various claims, disputes, termination, arbitrations, and other legal proceedings. It is the JEG's practice to vigorously defend itself in such actions, many of which are generally subject to insurance and none of which are expected to have a materially adverse effect on JEG's consolidated financial statements. No such litigation is expected to have any impact on JEG's potential ability to perform the contract.

State of Florida
Department of State

I certify from the records of this office that JACOBS ENGINEERING GROUP INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on February 12, 1987.

The document number of this corporation is P13217.

I further certify that said corporation has paid all fees due this office through December 31, 2026, that its most recent annual report/uniform business report was filed on January 6, 2026, 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 Twelfth day of January, 2026

Secretary of State

Tracking Number: 3826851831CU

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

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

Detail by Entity Name

Foreign Profit Corporation
JACOBS ENGINEERING GROUP INC.

Filing Information

Document Number	P13217
FEI/EIN Number	95-4081636
Date Filed	02/12/1987
State	DE
Status	ACTIVE
Last Event	AMENDMENT
Event Date Filed	05/20/2026
Event Effective Date	NONE

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Changed: 02/20/2024

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Changed: 02/20/2024

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Name Changed: 02/26/2026

Address Changed: 06/30/1992

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Annual Reports

Report Year	Filed Date
2026	01/06/2026
2026	01/28/2026
2026	02/26/2026

05/20/2026 -- Amendment	View image in PDF format
02/26/2026 -- AMENDED ANNUAL REPORT	View image in PDF format
01/28/2026 -- AMENDED ANNUAL REPORT	View image in PDF format
01/06/2026 -- ANNUAL REPORT	View image in PDF format
11/24/2025 -- Amendment	View image in PDF format
03/31/2025 -- Amendment	View image in PDF format
01/16/2025 -- ANNUAL REPORT	View image in PDF format
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04/23/1996 -- ANNUAL REPORT	View image in PDF format
05/01/1995 -- ANNUAL REPORT	View image in PDF format

Florida dbpr Department of Business & Professional Regulation

License Information

Name	JACOBS ENGINEERING GROUP INC. (Primary Name)
Main Address	1999 BRYAN STREET DALLAS Texas 90017
License Mailing	CT-BL 120 S CENTRAL AVENUE SUITE 400 CLAYTON Missouri 63105
County	Out of State
License Location	1999 BRYAN STREET DALLAS Texas 75201
County	Out of State

License Information

License Type	Engineering Business Registry
Rank	Registry
License Number	2822
Status	Current
Licensure Date	05/21/1979
Expires	

Special Qualifications **Qualification Effective**

Alternate Names

Tab 2

Proposer Ability and Experience



Tab 2. Proposer Ability and Experience

> Jacobs evaluates, designs, and delivers infrastructure that responds to local conditions, regulatory requirements, climate risks, and community priorities.

A. Capabilities and Expertise

With deep expertise in stormwater management, water and wastewater systems, highways and bridges, transit, and site civil design, Jacobs partners with public agencies and private clients to deliver reliable, cost-effective, and future-ready infrastructure for people. We design with communities at the center, engaging stakeholders throughout the project lifecycle to listen, understand local priorities, and incorporate feedback into solutions that reflect the needs of those who live, work, and interact with the communities we serve. Leveraging advanced digital tools, data-driven design, and program management capabilities, Jacobs enhances project delivery, improves constructability, and supports resilient infrastructure that adapts to climate, regulatory, and population demands.

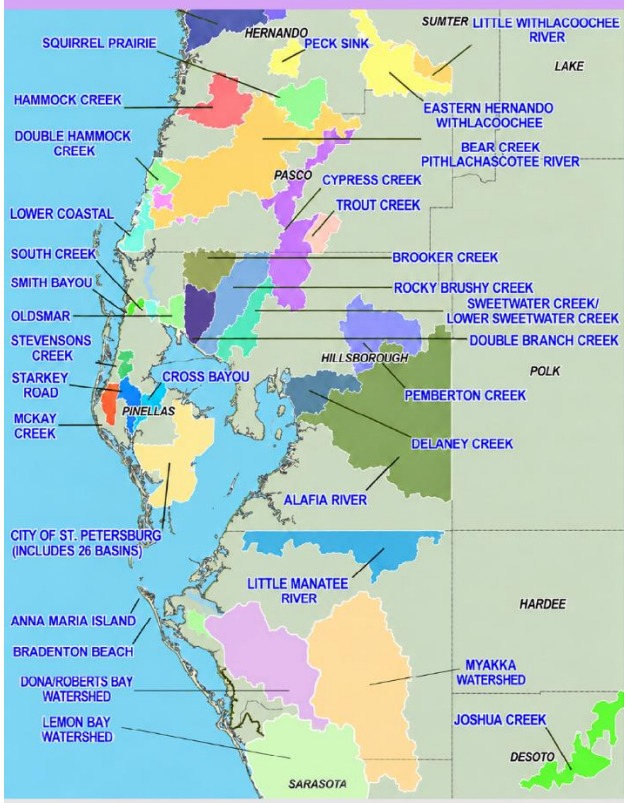
Jacobs' Expertise in Stormwater and Flood Mitigation. We consistently rank **#1 in Sanitary and Storm Systems by Engineering News-Record (ENR)** and deliver innovative and effective stormwater solutions for municipal, state, federal, and private-sector clients worldwide.

Core Stormwater Services. Jacobs provides end-to-end stormwater management services, including:

- Stormwater master planning and watershed studies
- Hydrologic & hydraulic (H&H) modeling (1D/2D riverine, coastal, and urban systems)
- Urban drainage design (pipelines, roadside drainage, pump stations, outfalls, detention/retention)

JACOBS' PROVEN PLAN, PRIORITIZE, PROTECT EXPERIENCE

- ✓ Jacobs team's local stormwater design team has been working together for 20+ years in the Gulf Coast Region.
- ✓ CDBG grant compliant solutions, H&H modeling and mapping using StormWise and FEMA standards.
- ✓ Experienced staff skilled in cost-benefit analysis will prioritize projects using a multi-factor evaluation to position project for near term implementation.
- ✓ Future-conditions modeling using NOAA' sea level rise scenarios to ensure long-term system reliability.
- ✓ Experience with SWFWMD, CRS, FDEP, and FEMA, ensuring funding alignment and regulatory readiness



Our team's vast experience in over 30 Gulf Coast watersheds provides an exceptional understanding of various stormwater characteristics in the coastal environment to enhance stormwater system performance today and develop adaptive designs to meet the needs of tomorrow.

- Green stormwater infrastructure (GSI) & nature-based solutions
- Flood risk assessment, mitigation, and resilience planning
- Sea level rise and coastal flooding adaptation
- NPDES/MS4 compliance and regulatory support
- Asset management and lifecycle optimization

Stakeholder engagement is woven throughout the project lifecycle, helping to build consensus, navigate complex priorities, and support informed decision-making at key project milestones.

Jacobs offers comprehensive stormwater management qualifications combining decades of municipal drainage experience, advanced hydrologic and hydraulic modeling, green infrastructure design, and industry-leading digital tools. Jacobs' OneWater® approach and demonstrated success on complex flood resilience and stormwater programs enable clients to meet regulatory requirements, reduce flood risk, and build resilient, sustainable communities.

Technical Expertise & Digital Capabilities

Jacobs is recognized for advanced modeling and digital stormwater tools, including:

- **Flood Modeller & Flood Platform.** Cloud-based, enterprise flood and stormwater modeling systems supporting large-scale drainage and flood studies.
- **Flood IQ.** AI-enabled solution integrating sensors, hydraulic models, and forecasting to support real-time storm and flood decision-making for cities and utilities.
- **High-resolution climate, rainfall, and future-conditions modeling** to address extreme weather and regulatory requirements.

Relevant Experience

Jacobs has extensive experience providing clients with drainage solutions that address many of the same infrastructure and resilience challenges facing the Longboat Key Village neighborhood: coastal and tidal flooding, rainfall during high tides, low roadway elevations, constrained outfalls, aging conveyance systems, property access, water quality, and future flood risk. Our approach also emphasizes ongoing coordination with residents, businesses, and stakeholders to support informed decision-making throughout project development.

We provide multidisciplinary services, combining engineering, environmental, roadway, utility, survey, geotechnical, and construction expertise to evaluate these connected needs. Collectively, our team has the depth of resources and unique experience that closely aligns with the scope of work for this project, enabling us to immediately implement and deliver this project on-time and within budget.

Environmental, Regulatory, and Funding

Jacobs integrates environmental review and permitting with stormwater and infrastructure design, providing expertise in agency coordination, environmental resource permitting, wetlands and listed species evaluations, water quality analysis, and regulatory compliance. Our team routinely works with SWFWMD, FDEP, USACE, and FDOT to support successful project delivery.

- **Pinellas County Stormwater Canals Dredging**
- **St. Petersburg 7th Street and 50th Avenue**
- **Shore Acres Resiliency Infrastructure Improvements**
- **Key West Phased Stormwater Improvements**
- **City of Bradenton GEC**

Demonstrating this expertise, **Jacobs completed a preliminary engineering report for the City of Cocoa Beach,** through its continuing engineering services contract. The work included site reconnaissance; review of stormwater master plan, GIS, LiDAR, existing permits, and structure information; EPA SWMM modeling; evaluation of alternatives; and future-condition analysis considering sea level rise and rainfall. The team also prepared flood mapping, preliminary opinions of probable construction cost, and an inventory matrix to track potential permits and costs. Jacobs also identified funding opportunities for the recommended alternative. Cocoa Beach hired Jacobs to complete the design and permitting through competitive procurement.

For Pinellas County, Jacobs has evaluated flooding in **Cross Bayou Estates,** developed advanced hydraulic models, optimized conveyance alternatives, and identified strategic outfall improvements, taking advantage of ongoing roadway work to optimize cost and benefits for the County. Jacobs is now completing design and permitting for the project. In Pasco County, Jacobs has completed drainage and roadway improvements in the coastal **Green Key neighborhood**, where tidal flooding and rainfall affect roadway access and adjacent properties for over 70 days a year. The unique solution, involving targeted roadway raising and conveyance upgrades, is permitted through SWFWMD, the USACE and is awaiting construction to commence. For St. Petersburg, Jacobs is delivering stormwater improvements in **Shore Acres**, including road raising, and a new outfall and pump station intended to reduce flooding in a low-lying coastal community.

WHAT OUR CLIENTS SAY ABOUT US...

"We have been impressed by the professional staff…as they provide all services (e.g., modelling, analysis, reports) in a timely manner. Whenever information has been needed during a project, they have responded immediately in a thorough and concise manner. Jacobs has continuously shown its commitment to awarded projects and a willingness to ensure the goals of the project are met."

Robert Burnes, MS, MAS, ENV SP, CPM,
Project Coordinator, Pinellas County Public Works



Stakeholder Engagement

Jacobs brings experience engaging communities and coordinating with local agencies on drainage and multimodal projects. For the **FDOT D1 Barrier Island Complete Streets PD&E**, Project Manager Colleen Ross, PE, and Public Involvement Lead Tara Jones, PE worked with MCAT, emergency services, and representatives from Bradenton Beach, Holmes Beach, and Longboat Key. Their outreach brought local perspectives into the evaluation of safety and connectivity improvements along a corridor with significant bicycle and pedestrian crash concerns.

At **Cross Bayou Estates**, the team interviewed County staff about historical flooding, reviewed existing plans, and presented alternatives to support the County's evaluation and selection. Jacobs also used site reconnaissance and City data to compare improvement options in **Cocoa Beach.**

Our team's experience gathering input, understanding of local conditions, and ability to present practical alternatives will help the Town evaluate drainage improvements considering neighborhood priorities, property impacts, public access, and ongoing system operations.

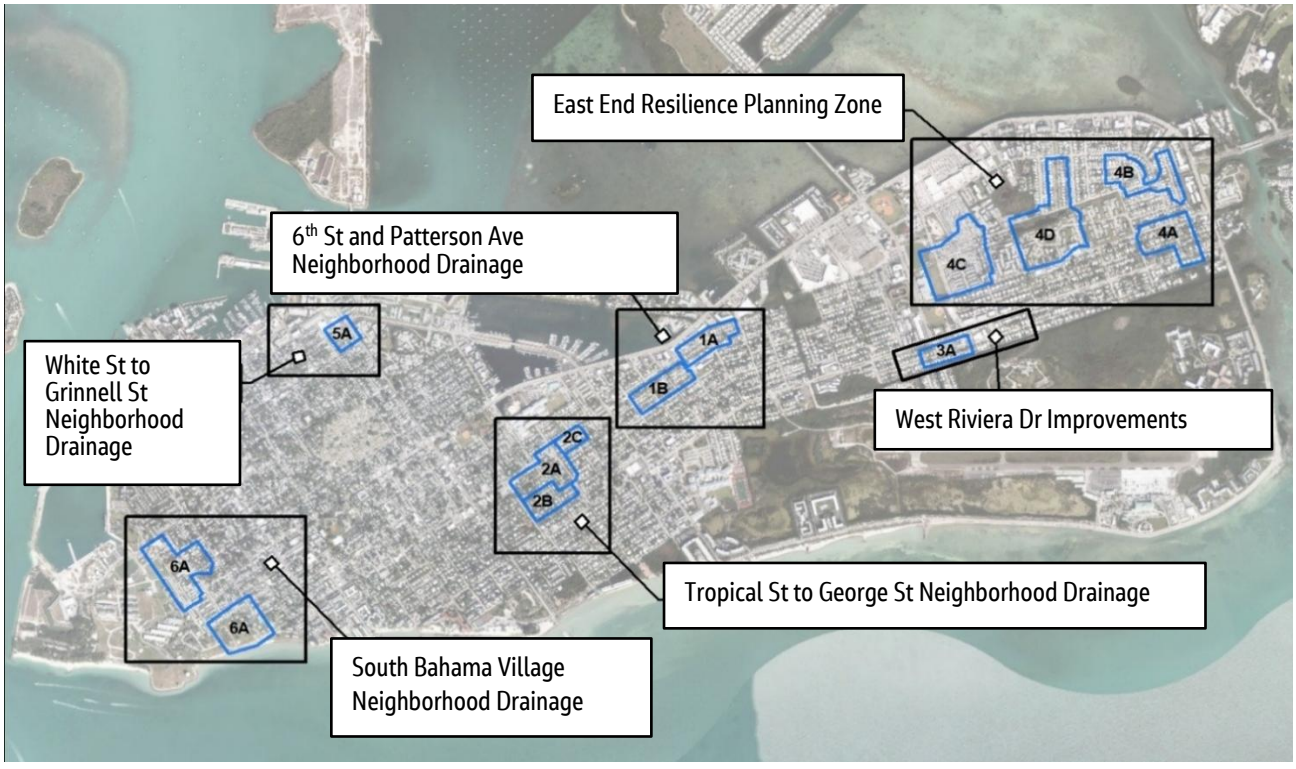
For the City of Key West, Jacobs developed an integrated stormwater improvement program focused on addressing both tidal and rain driven flooding across the lower lying areas of the City. Building upon the City's stormwater master plan, Jacobs advanced improvements within five priority zones, creating a phased strategic approach to flood mitigation that delivers near-term benefits while ensuring integration with future system enhancements including targeted roadway raising and seawall upgrades.

Beginning with needs assessments and system evaluations to identify critical deficiencies, we prioritized improvements based on flood risk, operational needs, and community impact. We assisted the City in securing grant funding for priority projects, resulting in a practical and sustainable path toward long-term resilience. A distinguishing aspect of Jacobs' work in Key West is our ongoing role as the City's stormwater operations and maintenance provider. This operational perspective allows Jacobs to develop solutions that not only address immediate flooding concerns but also account for long-term reliability, maintainability, lifecycle costs, and operational efficiency.

These projects provide direct lessons for Longboat Key Village:

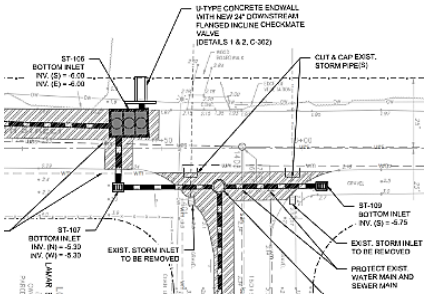
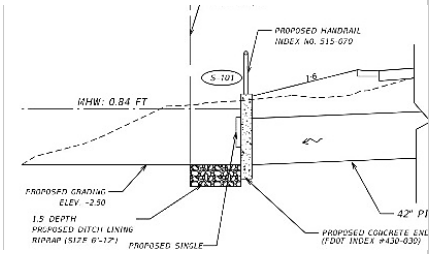
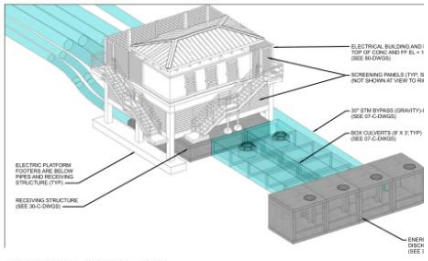
- Work from reliable local data
- Evaluate coastal tailwater and future conditions
- Coordinate road, drainage, utility, and property needs
- Development of efficient permitting pathways
- Develop phased, maintainable improvements that can move through permitting and construction

Map of Key West priority areas identified in a system assessment for stormwater improvements.



Key Lessons Learned on Similar Projects

Through our experience delivering similar work for other clients, we have captured several "lessons learned" that we can apply to improve project delivery.

City of Key West Drainage Improvements Jason Montminy, Jason Bird	**Green Key Neighborhood Drainage Improvement** Allie Bittle, Leigh Ann Cannon, Jason Montminy	**Shore Acres Resiliency Infrastructure Project** Michelle Collins, Jason Montminy, Leigh Ann Cannon
		
The project experienced key challenges associated with seawall height increases across public and private areas required to realize flood reduction benefits. **Solution**: Host discussions with stakeholders early to ensure required resilience measures can be included with ongoing design and permitting where possible. Develop design components to provide both immediate and long-term results and include within project benefit messaging. Additional modeling was performed to ensure adjacent unimproved areas will not be adversely affected across both current and future conditions.	Roadway raising and revised outfall routing across private property and within floodplain to achieve project goals and limit tidal backflow. **Solution**: The team developed a solution to re-direct flow from an existing under-sized, un-maintained outfall to a proposed expanded outfall while maintaining improvements within existing right of way and maintaining SWFWMD and USACE permit thresholds. The project **focused on maximizing conveyance capacity across exceptionally high tidal conditions while providing WAPRO tidal backflow prevention in easily accessible areas directly in the ROW to improve maintainability** without additional water quality devices.	The project removes 70 acres of drainage area from an existing 5' H x 12' W box culvert outfall and redirects it to a proposed 270 CFS pump station, with gravity bypass east of the location, complicating permitting pathways by drastically increasing conveyance and velocity to the newly enhanced outfall. **Solution**: Engage design team to incorporate custom sediment trap and outfall diffuser, using computational fluid dynamic modeling to ensure sediment suspension as intended and limit post improvement discharge velocity to match the existing conditions. Incorporate narratives into permit applications demonstrating water quality and energy dissipation measures can be met.

B. Related Project Experience

1. Shore Acres Resiliency Infrastructure Improvements, St. Petersburg, FL



2. **Size and cost of the project**: $30 million (total project budget) / $3.4 million (Jacobs' fee) / 70 Acres
3. **Project owner's representative name, address, phone number, and email address**: Sean Snow, PE / City of St. Petersburg, One 4th St N, MSC – 7th floor, St. Petersburg, FL 33701 / 727.892.5795 / Seansnow@st.pete.org
4. **Date project was completed or is anticipated to be completed with current status**: Design Completed June 2026
5. **The nature of the Proposer's responsibility on the project**: Prime consultant
6. **Key Staff:** Michelle Collins, Jason Montminy, Jason Bird, Leigh Ann Cannon

Source: FOX 13[1]



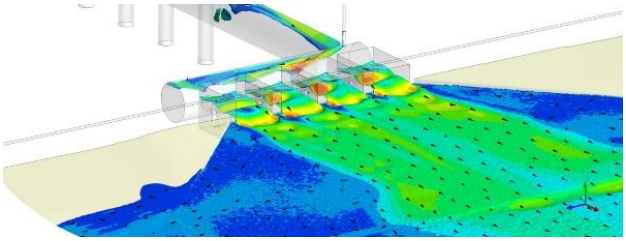
Project Details: The Jacobs' team worked with the City of St. Petersburg to evaluate, design, and permit resilient stormwater improvements throughout the low-lying, vulnerable community of Shore Acres.

The improvements included detailed analysis of design and permitting options to facilitate a major revision to the existing box culvert infrastructure constructed in 2002. The analysis included redirecting over 70 acres of urban land from its existing, tidally sensitive outfall at butterfly lake, to a new expanded outfall with stormwater pump station at Connecticut Ave.

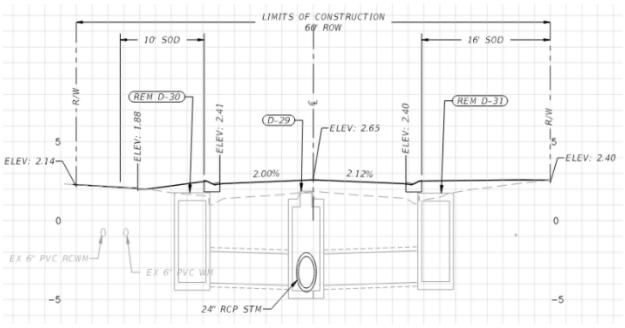
The project was optimized to defend the community against tidal flooding by integrating strategic road raising and optimizing the existing stormwater infrastructure to take advantage of the reduced tailwater conditions created by the pump station.

As the project discharges to Tampa Bay, the environmental review was critical to establish a successful permitting pathway. The work included seagrass analysis, pollutant loading review, water quality analysis, and detailed implementation of it all into the construction plans and permitting narratives. Resilient design measures included:

- H&H model developed in ICPR for the entire peninsula, encompassing design level of detail.
- Identification of minimum road elevation and restoration elevations to combat tidal flooding
- Integration of innovative BMP's designed using CFD modeling for pollutant load reductions.



- Reversing flow from an existing box culvert to tie to the new 6' tall x 12' wide box culvert along Connecticut without reconstructing the asset.
- WAPRO tidal backflow valves within accessible ROW to increase maintainability and prevent flood complaints.
- A new stormwater pump station rated for a peak flow of over 300 CFS.
- Developing integrated gravity flow bypass measures to ensure operability.
- Evaluating benefits from tidal overflow flooding as well as combined storm events.



The project's design and permitting were successfully completed, with **USACE permits secured ahead of schedule and only minor permitting comments received**.

The project also included comprehensive grant management and was delivered using an innovative Construction Manager at Risk (CMAR) approach for a federally funded program. **Leigh Ann Cannon, Michelle Collins, and Jason Montminy played key roles in the project's successful delivery.** The team effectively integrated hydraulic modeling, environmental considerations, regulatory requirements, and engineering design to deliver a resilient solution for this tidally influenced area.

Community engagement was a critical factor in the success of this project. Jacobs hosted community meetings, defined the project's benefits, described construction activities and answered stakeholder concerns.



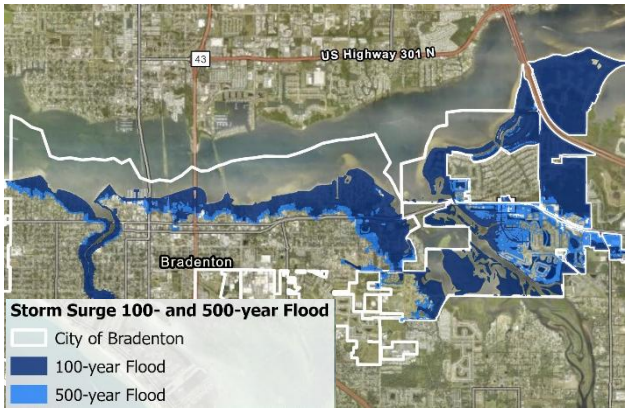
7. Unforeseen circumstances, errors or oversights and actions taken to mitigate and/or correct:

Early stakeholder feedback identified many concerns with the targeted improvement area encompassing everything it should and a misunderstanding of the general public between pump station sizing vs rainfall intensity vs recent tidal-only flooding.

The Jacobs team worked directly with our unique coastal engineering team to develop operable bypass measures to expand the project's benefits vs tidal activity. The public engagement tream led by Jason Montminy then refined the key messaging to demonstrate benefits across measureable day to day flooding occurances the community sees every year. These revisions were conducted without affecting project schedule or cost.

> *"The Shore Acres Resiliency Infrastructure Project has been the best experience working with Jacobs and the contractor."*
>
> **Sean Snow, PE, ENV SP, City Project Manager**
>
> *"The Jacobs team has made what is a very challenging project viable, successful, and much easier to manage especially around the design, CMAR coordination, and grant management support for project delivery and meeting the grant requirements."*
>
> **Roger Johnson, PE, Engineering Design Manager**

1. Vulnerability Assessment and Adaptation Plan Bradenton, FL



2. **Size and cost of the project:** $280,000 / 14.4-square-mile City of Bradenton limits

3. **Project owner's representative name, address, phone number, and email address:** Kim Clayback, PE, Chief Engineer / City of Bradenton, 850 13th Ave E, Bradenton, FL 34208 / 941.708.6300 / kim.clayback@bradentonfl.gov

4. **Date project was completed or is anticipated to be completed with current status:** April 2025 - The general services contract the project was awarded under was renewed in 2026.

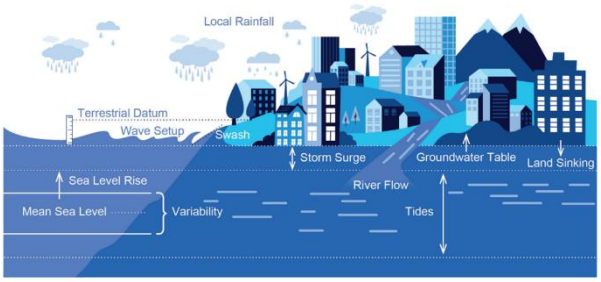
5. **The nature of the Proposer's responsibility on the project**: Prime consultant

6. **Key Personnel:** Allie Bittle, Jason Montminy, Chris Sharek, Ricky Ly

Project Details: Jacobs partnered with the City of Bradenton under the Resilient Florida Program to perform a comprehensive Vulnerability Assessment and develop an Adaptation Plan in accordance with Florida Statute 380.093. **The project assessed critical infrastructure and natural assets for exposure to sea-level rise, storm surge, extreme rainfall, and flooding hazards, ensuring compliance with state resiliency requirements and positioning the city for future grant funding.** These efforts aim to provide a roadmap for Bradenton to enhance resilience against climate-related hazards, improve service reliability, and secure funding for future infrastructure improvements.

Key Components include:

- Conducting public outreach meetings and stakeholder engagement.
- Developing a critical asset inventory and GIS-based exposure analysis.
- Sensitivity and risk assessments for utilities, transportation, and public facilities.
- Identifying focus areas and prioritizing adaptation strategies for resilience.
- Defined flood-related vulnerabilities for present day and for future conditions in 2040 and 2070.
- Enhance awareness of climate risks and sea level rise (SLR) to support resilience investments.
- Strengthen City operational continuity and local collaboration with key stakeholders.
- Vulnerability Assessment and Adaptation Plan with actionable projects and cost.



Jacobs held discussions with City stakeholders to understand the scope of the project and provide essential feedback identifying potential vulnerabilities they may see in their roles.

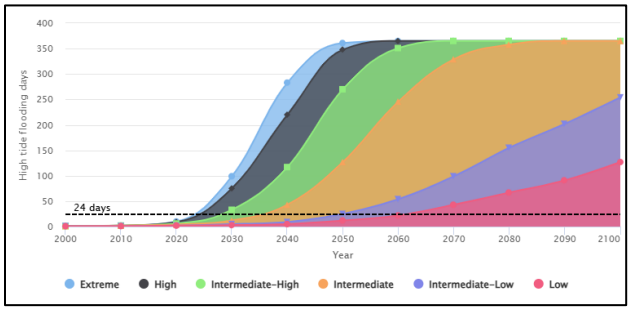
For the first meeting, Jacobs provided updates on the status of project and solicited feedback from City stakeholders. Discussion included which projects stakeholders would add to their project prioritization list that informed the asset criticality analysis.

In addition, proposed planning hazards were provided for the City to choose from.

For the second stakeholder meeting, Jacobs presented the results of the VA and preliminary recommended projects and policy actions. Discussion items included review of City concerns and experiences with prior hazard events and next steps for adaptation.

Since 2024, Jacobs has supported the City of Bradenton through a general services contract for stormwater, water, wastewater, and resilience-related needs. We leverage our operational support, infrastructure assessment, design and regulatory experience, planning, and technical advisory services to improve reliability, capacity, and continuity of critical public services.

This vulnerability assessment approach has been critical in fully understanding project performance needs to handle the rising challenges throughout coastal communities. Our findings enhance our teams understanding of what exposure projects such as the Longboat Key Resilient Roadway Improvements will be faced with and how to cost effectively refine design efforts to ensure a successful project with lasting benefits that can be easily integrated with future improvement projects.



The results of this project demonstrate our team's full understanding of initial strategic planning framework that is a critical success factor for project's undertaking resilience goals and objectives. This experience sets the tone for our unique public engagement strategies that can work seamlessly between projects from design and through permitting and construction.

7. Unforeseen circumstances, errors or oversights and actions taken to mitigate and/or correct:

The project involved integrating and evaluating asset data from numerous City, state, and federal sources, resulting in variations in data completeness, accuracy, and consistency across infrastructure inventories. Jacobs worked closely with City staff and stakeholders to validate critical asset information, perform additional quality assurance reviews, and refine vulnerability rankings where needed. The team also addressed inconsistencies identified within regional flood and inundation datasets through engineering review and GIS validation, ensuring that the final assessment provided a reliable basis for resilience planning and future capital improvement decisions.



1. Drainage Study for Cross Bayou Estates Flooding Alleviation Pinellas County, FL



2. **Size and cost of the project:** $15 million (est. construction cost) / $330,000 (Jacobs' fee) / 150 acres of study area

3. **Project owner's representative name, address, phone number, and email address:** Ivan Dimitrov / Pinellas County Government, 22211 US Hwy 19 N, Clearwater, FL 33765 / 727.464.3687 / idimitrov@pinellas.gov

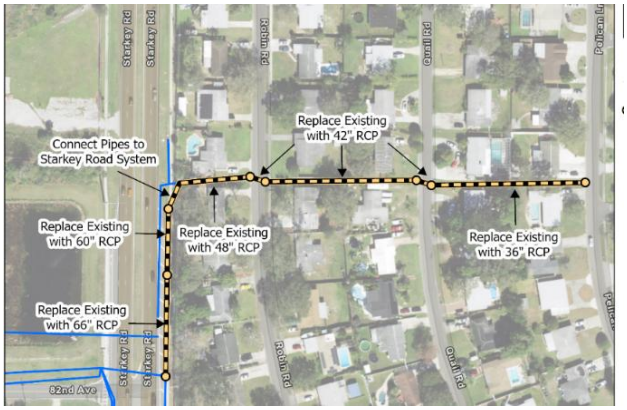
4. **Date project was completed or is anticipated to be completed with current status:** 2026

5. **The nature of the Proposer's responsibility on the project:** Prime consultant

6. **Key Personnel:** Leigh Ann Cannon, Jason Montminy

Jacobs' team has conducted a drainage study and design including roadway and stormwater improvements in the lower lying reaches of the Cross Bayou Estates community where several homes are shown to flood during the 10-yr, 25-hr storm even under higher tidal conditions.

The Cross Bayou Estates community is located within a unique peninsula within Pinellas County that is serviced by coastal outfalls on both the west and the eastern side. Previously this peninsula was covered by two separate fringe coastal stormwater H&H models that lacked the define flood reduction benefits across the neighborhood without adversely affecting the surrounding properties. Jacobs was able to merge datasets from both models to provide a peninsular wide approach that addressed varying tailwater conditions between each outfall, optimizing conditions to integrate roadway and drainage improvements throughout. **This undertaking helped identify a solution not previously seen across a decade of study for the same area. This unique solution tied to previously ongoing County roadway improvements to retrofit optimized improvements concurrently with that project's construction, saving millions in construction cost and allow the full-scale neighborhood improvements to be phased in, maximizing the potential flood reduction benefits.** The project is currently in the design phase - also awarded to Jacobs after a competitive RFQ procurement.





The drainage study and design work included the following tasks:

- Interview County staff on historical flooding
- Site reconnaissance and data collection
- Review of the existing watershed master plan
- H&H modeling for existing and proposed alternatives
- Conceptual solution development to solve flooding problem with design sketches and cost estimates
- Presentation to stakeholders for approval and buy-in on recommended retrofit alternatives
- Ongoing design aspects include targeted road raising and conveyance enhancements
- Existing coastal channel dredging and widening
- Ongoing permitting includes SWFWMD ERP and USACE work
- Construction and design phasing plans to ensure success

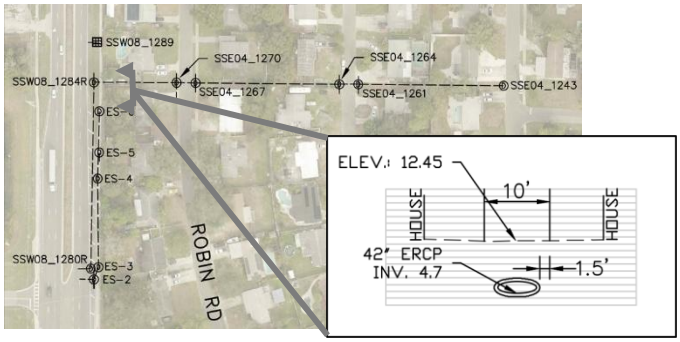
7. **Unforeseen circumstances, errors or oversights and actions taken to mitigate and/or correct design:**

8. The optimal improvements included replacement of existing stormwater pipe infrastructure in narrow easements between homes, affecting more than 12 properties. Jacobs worked with specialty contractors to develop in-situ soil stabilization methods to avoid the need for soil compaction and heavy work through the corridor. The team also developed innovative public engagement to define the benefits and work with owners through the planning and design stages.





The Cross Bayou project's selective road raising, narrow stormwater infrastructure corridors and dynamic tailwater conditions presented the ultimate challenge, with no solution found by the County across a decade of study. Jacobs innovative modeling techniques and definitive – proactive design decisions during the initial stages have saved construction costs and improved schedule across what would have been extremely challenging MOT and restoration work.



Jacobs' innovative pipe design routes drainage between residential properties, minimizing impacts to residents.

C. Current Workload

Jacobs has developed a team around this project's specific needs, with accessible, engaged project management throughout its duration. Principal-in-Charge **Chris Sharek, PE, ENV SP, PMP, BCEE**; Project Director Jason Montminy, ENV SP; Project Manager Allie Bittle, PE; and Resilience Lead Jason Bird, CFM, are based in Sarasota and Tampa. They bring the expertise, capacity and availability needed to successfully deliver this project for the Town. Their local presence enables in-person collaboration, timely responses, and familiarity with regional systems, all of which are important to this coastal drainage improvement project. From kickoff through final deliverables, the team will provide hands-on leadership and responsive support, ensuring an efficient, seamless, and well-coordinated project experience grounded in technical expertise and regional knowledge.



Allie and the team are 100% committed to the project and will make themselves available to the Town to respond to on-call needs throughout the project duration. Dedicated key staff will provide timely support, proactive communication, and close coordination whenever the Town needs assistance..

Key Staff Availability
Jacobs has confirmed availability of all proposed key staff for the duration of the project.

Key Staff	Yrs. Exp.	Role	Location	% Avail.	% Current Work
Chris Sharek, PE, ENV SP, PMP, BCEE	28	Principal-in-Charge	Sarasota	40%	60%
Jason Montminy, ENV SP	20	Project Director; Construction Related Services	Sarasota, Tampa	65%	35%
Allie Bittle, PE	9	Project Manager	Sarasota	85%	15%
Michelle Collins, PE	15	QA/QC Technical Advisor	Tampa	35%	65%
Dahn Lee, PE	25	Project Design	Tampa	55%	45%
Jason Bird, CFM	25	Resilience; Private Property Restoration	Sarasota	40%	60%
Colleen Ross, PE	18	Stakeholder Outreach; NEPA Compliance	Orlando	60%	40%
Kerstin Kenty, PhD, PE, PMP, CFM	31	Grant Assistance; Project Closeout for Grants	Tampa	35%	65%
Leigh Ann Cannon, ENV SP	21	Permitting	Tampa	55%	45%
Ralph Myers, CGC	40	Cost Estimating	Tampa	60%	40%



Our highly experienced team of stormwater, drainage, resilience, permitting, and stakeholder engagement professionals have a strong track record delivering similar coastal infrastructure projects throughout Florida. **Jason Montminy, ENV SP**, Project Director, will provide overall project leadership and strategic oversight, drawing on his experience leading the **Shore Acres Resiliency Infrastructure Improvements, Green Key Neighborhood Drainage Improvements, City of Key West Stormwater Master Plan, and Cocoa Beach Stormwater Improvements**.



Allie Bittle, PE, our local Project Manager and the Town's primary point of contact, brings experience managing the **Green Key Neighborhood Drainage Improvements, Ehren Cutoff Flood Mitigation, Pinellas Trail Connection, and Lift Station 03 Expansion** projects. Her familiarity with Gulf Coast drainage challenges and experience delivering locally funded resilience and infrastructure improvements position her to effectively guide project coordination, stakeholder engagement, and successful implementation for the Town.



Danh Lee, PE, Design Lead, will oversee all project design activities, including drainage analysis and modeling, utility coordination, easement development, geotechnical integration, private property restoration, and final design. He brings more than 25 years of drainage design and permitting experience, including the **SR 429 Wekiva Parkway, SR 528 Widening, I-4 Ultimate, and Viera Interchange PD&E Study**, where he led drainage analysis, stormwater management, permitting, and conveyance design.



Environmental review and permitting activities will be led by **Leigh Ann Cannon, ENV SP**, whose experience includes the **Pinellas County Stormwater Canal Sediment Removal Program, Key West Stormwater Improvements, and Cocoa Beach flood mitigation projects**, with extensive coordination involving **USACE, FDEP, and SWFWMD**.



Community and stakeholder engagement will be directed by **Colleen Ross, PE**, whose experience on the **FDOT District 1 Barrier Island PD&E Study, Church Street Festival Street Design, and FDOT District 6 PD&E Services** includes NEPA compliance, environmental documentation, agency coordination, and public outreach.



Jason Bird, CFM, a Sarasota resident, will lead resilience and private property considerations, leveraging experience from **Miami Beach, Key West, St. Petersburg, JEA**, and other Florida coastal resilience projects. He brings **more than 25 years of experience evaluating roadway elevations, property access, stormwater improvements, and flood mitigation strategies for coastal communities.**



Independent QA/QC reviews will be provided by **Michelle Collins, PE**, whose experience includes the **Shore Acres Resiliency Infrastructure Project, City of St. Petersburg One Water Plan, and Manatee County Southeast Regional Water Reclamation Facility Improvements**.



Kerstin Kenty, PhD, PE, PMP, CFM, will support grant strategy, compliance, and funding requirements, leveraging experience from the **Joe's Creek Flood Risk Reduction Study, St. Petersburg One Water Plan, and JEA System Resiliency Program**, as well as successful **USDOT RAISE** and **FEMA BRIC** funding pursuits.

The Jacobs team is complemented by specialized local subconsultants, including **Flotech Environmental, LLC (MBE)** for drainage and pipe inspections, **GEC (SBE)** for geotechnical services, **Colliers Engineering & Design** for surveying, **AGSC (MBE)** for easement and title support, and **Quest (W/MBE)** for public involvement services. Together, this team provides the technical depth, local knowledge, and implementation experience needed to efficiently advance the Town's project from evaluation and design through permitting, bidding, and construction support.

D. Previous Town of Longboat Key Projects

While Jacobs has not performed work directly for the Town of Longboat Key within the past 10 years, our team is currently supporting the **FDOT District 1 Barrier Island PD&E Study along SR 789/Gulf Drive on Anna Maria Island, immediately adjacent to Longboat Key.** Jacobs is the Prime consultant for the Study with Colleen Ross, PE leading as project manager.

This ongoing assignment includes multimodal transportation planning, drainage and stormwater considerations, resilience and vulnerability planning, public involvement, stakeholder coordination, and environmental analyses along a corridor that serves many of the same residents, businesses, visitors, local officials, and regional stakeholders affected by conditions in Longboat Key. The project requires extensive coordination with local governments, community organizations, transit providers, and agency partners to address flooding, safety, mobility, and community character objectives. The Town of Longboat Key was a significant stakeholder and provided key input during the Study's multiple stakeholder meetings. Additionally, the Study received multiple comments from the Town's residences during the public meeting.

This experience provides our team with valuable familiarity with local and regional context, stakeholder interests, and resilience challenges relevant to the Longboat Key Village Drainage Improvements Project. The contract value for this Study is approximately **$1.47 million.**



Barrier Island PD&E Study Area

Additionally, the Jacobs team has performed resilience-based work directly for communities similar to Longboat Key including **Fort Myers Beach.** Our team, led by Project Director Jason Montminy, performed a FEMA recovery project that re-established the capacity and reliability of existing infrastructure and provided a strategic plan towards completing stormwater infrastructure improvements in-sync with the town's master plan in response to Hurricane Ian. The projects and strategic planning were integrated with ongoing work within the City to put the area back on track to meet and exceed their stormwater level of service.



Fort Myers Beach Project Area



Data Collection by the Jacobs team in Fort Myers Beach

Tab 3

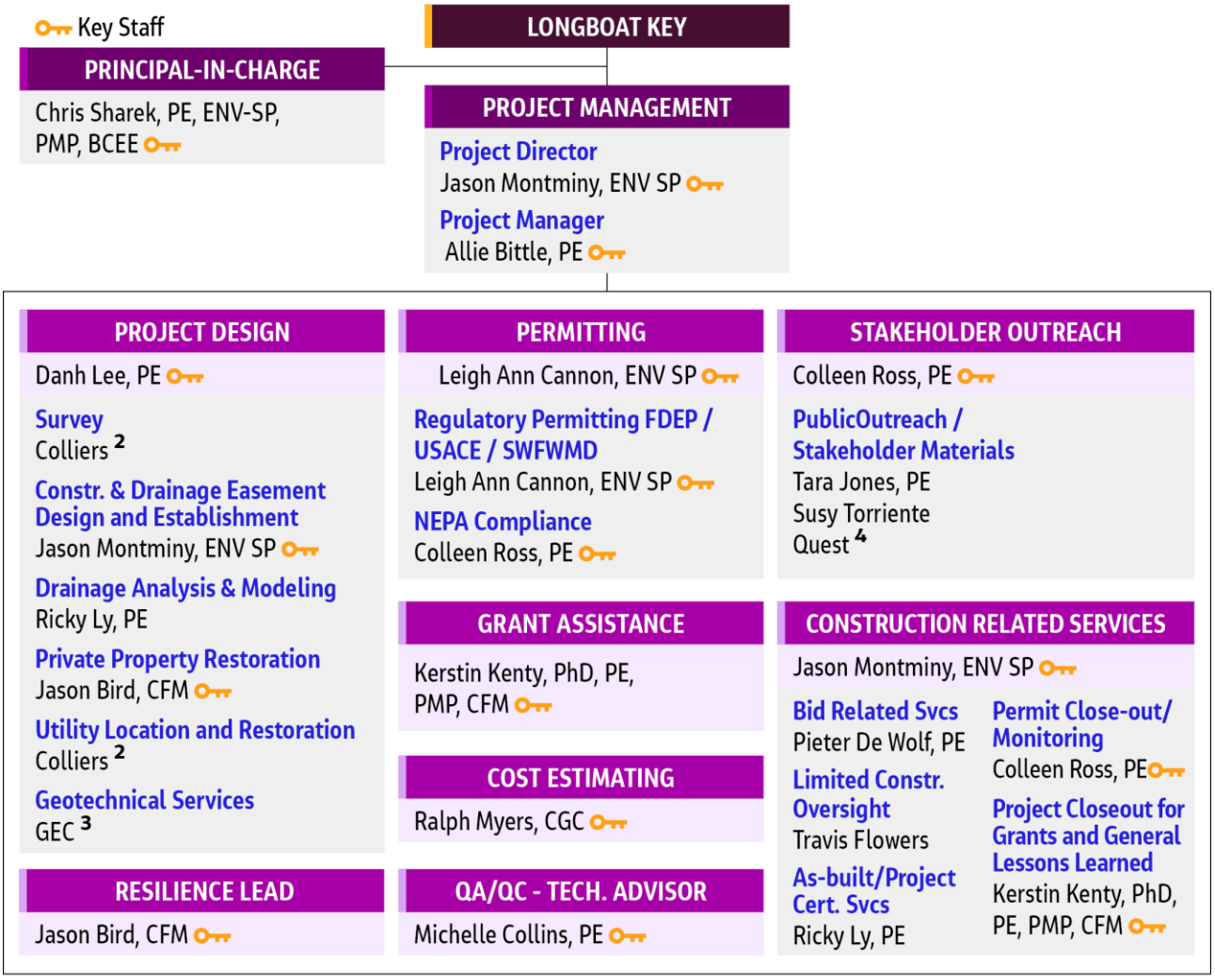
Personnel Qualification and Experience



Tab 3. Personnel Qualifications and Experience

A. Organizational Chart

Our accessible leadership team will provide clear communication, accountability, and local support. Allie Bittle, PE, will lead day-to-day coordination; Jason Montminy, ENV SP, will guide strategy and integrate design, permitting, and construction; Chris Sharek, PE, ENV SP, PMP, BCEE, will champion the Town's needs and provide Jacobs' best resources; and Colleen Ross, PE, will lead engaging, resident-focused outreach.



SUBCONSULTANTS

1. American Government Services Corporation (W/MBE) – Title Services
2. Colliers Engineering & Design (Colliers) – Survey
3. Geotechnical and Environmental Consultants, Inc. (GEC) (SBE) – Geotechnical
4. Quest Corporation of America, Inc. (Quest) (W/MBE) – Public Outreach
5. Flotech Environmental (MBE) - Drainage Inspection

B. Key Personnel Resumes

Resumes for our team's key personnel are included on the following pages.



Jacobs' Title:
Senior Engineer | Principal

Years of Experience/Jacobs:
28/5

Education and Training:
- BS, Environmental Engineering MS, Water Resources Engineering

Registrations/Certifications:
- Professional Engineer: FL #58170
- Envision Sustainable Professional (ENV-SP)
- Board Certified Environmental Engineer (BCEE)
- Project Management Professional (PMP)

Office Location:
Sarasota, FL

Availability:
40%

Services Anticipated:
Executive oversight, client coordination

Anticipated Level of Participation:
Regular executive oversight

Chris Sharek, PE, ENV SP, PMP, BCEE

Principal-in-Charge

Chris has served Sarasota and Manatee Counties and the surrounding area in various capacities over the years as a design-build lead, project engineer, QA/QC lead, and client service manager making him familiar with local challenges and providing strong connections to local agencies. Throughout his impressive 28 years of service, Chris has maintained his focus on his responsiveness to clients. He has extensive expertise in planning, technical design, permitting, construction oversight for various utilities, stormwater, design, and other public infrastructure improvement projects.

During his tenure as City of Venice Assistant City Engineer, he was the lead professional for the Children's Fountain downtown and led the Development Review Committee. He remains actively involved and has served as a past president of the local American Public Works Association and American Society of Civil Engineers SunCoast Branches and is a Past President for the State Section of ASCE.

He has served Sarasota County Utilities as the Chair of the Water and Sewer Advisory Committee and remains an active member. **Chris has the experience and knowledge of the Sarasota County Unified Development Code.**

Relevant Project Experience

Dona Bay Restoration Phase 3 Aquifer Recharge Pre-Design Study & Design | Sarasota County, FL

Client Services Manager. Chris coordinated with the project team and the client on the project, which included performing a water resource monitoring study and preliminary design of the Phase 3 Program for capturing freshwater runoff from Cow Pen Slough for aquifer recharge via deep wells at the Venice Minerals site. Services included data evaluation (of surface water flows, water quality, and hydrogeology), regulation review, and identification and evaluation of four proposed recharge well alternatives. A conceptual design consisting of a surface water diversion, piping, intake structure, sand filtration, disinfection, and multiple recharge wells were prepared, along with a cost estimate.

Consolidated Water Use Permit (WUP) Modification | Sarasota County, FL

Client Services Manager. Chris coordinated with the project team and the client on the project, which included an impact assessment of the proposed wellfield modifications using the DWRM3 groundwater model, a WUP modification application submitted to the Southwest Florida Water Management District (SWFWMD) and responded to a SWFWMD request for additional information (RAI) regarding the WUP modification application. SWFWMD issued a single RAI, which was resolved via Teams meetings and

prepared via technical response letters. The modified WUP was issued within a year, which was extremely fast in the current regulatory permit environment. Due to the expedited permit issuance with a single RAI, the project was completed under budget.

Study, Design, and Construction of Reclaimed Water Aquifer Storage and Recovery (RW ASR) Well | City of Venice, FL

Client Services Manager. Chris coordinated with the project team and the client on the project, which included professional engineering services for a new RW ASR system at the Eastside Water Reclamation Facility (EWRF). The project will be implemented in two phases: Phase I – Feasibility Study, and Phase II – Engineering Services, which included permitting, engineering design, bidding assistance, construction contract administration and inspection services, and operational testing.



Jacobs' Title:
Stormwater Solutions Lead

Years of Experience/Jacobs:
20/18

Education and Training:
- AA, Industrial Engineering/Computer Aided Design

Registrations/Certifications:
- Environmental Sustainability Professional
- Florida Phosphate Producers (FPP) - 16 Hour
- Mine Safety and Health Administration (MSHA) Part 46

Office Location:
Sarasota, FL

Availability:
65%

Services Anticipated:
Project management; construction services and drainage design

Anticipated Level of Participation:
Regular project oversight and technical direction

Jason Montminy, ENV SP

Project Director; Construction Related Services Lead; Construction & Drainage Easement Design and Establishment

Jason is a seasoned professional with 20 years of accomplished experience in the stormwater discipline. His expertise blends comprehensive design and construction management experience across multiple delivery practices to ensure a project's success from start to startup after construction. Jason's experience as a stormwater discipline lead includes highly challenging projects in Florida as well as the Caribbean. Jason has been a natural leader in maximizing the value of existing infrastructure and establishing strategic plans to optimize stormwater infrastructure to handle the harshest of climates. This is further proven as the discipline lead for the City of Key West's phased stormwater infrastructure design projects where improvements have focused on resilient pavement design and roadway drainage improvements to overcome similar challenges to Longboat Key.

His ability to foresee and address potential challenges that these areas encounter ensures that projects are not only feasible but also sustainable and effective. Jason's expertise as the deputy project manager for the St Petersburg Shore Acres Resiliency project has shaped innovation to keep the area dry through strategic road raising and bypass measures to ensure its success both with and without a pump station in service.

Jason has served as a technical lead on hundreds of stormwater Best Management Practices (BMP) and design projects throughout the region. These contributions to flood protection are evident in his extensive work across installed and constructed infrastructure. He has gained invaluable first-hand knowledge of thousands of stormwater infrastructure locations allowing him to develop cost-effective stormwater solutions that are tailored to overcome the specific challenges faced by each community.

Shore Acres Resiliency Infrastructure Project | St. Petersburg, FL

Deputy Project Manager and Stormwater Discipline Lead. Led the stormwater discipline to develop and permit strategic road raising, innovative conveyance improvements re-purposing existing infrastructure, pump station modeling and design concept oversite. Jason's innovations also include development of a unique splitter box in lieu of a typical valved discharge.

City of Key West Stormwater Master Plan, 20-Year Needs Analysis, and Project Development | City of Key West | Monroe County, FL

Design Manager and Stormwater Discipline Lead. Jason's inputs were responsible for bringing forward a strategic plan to resolve flooding in the City with both immediate term, mid-term and long-term needs.

His management practice of visualizing what the solution looks like in 20-years was a key factor in setting up the budget limited island for success and immediate projects development. The combined work has allowed the City to improve its community rating system score and maximize the value of investment from 20 years ago through innovative concepts such as modified surface water gravity wells, and a phased approach toward tangible infrastructure improvements that avoid disruption to local residents and commercial areas.

Cocoa Beach Cedar, Woodland, & Brevard Stormwater Analysis & Design | City of Cocoa Beach | Brevard County, FL

Stormwater Discipline Lead. The city requested Jacobs to evaluate recurring flood depth and duration along Cedar, Woodland, and Brevard Ave within the low-lying coastal areas of the City. Jason and the team identified the true cause of the recurrent flooding was the higher lying FDOT drainage system from A1A shared a large outfall with the community, short-circuiting the lower lying reaches from discharging until the entire FDOT system was able to recover. The team developed an innovative bypass, separating the FDOT system from the lower reaches of the community and ensuring a resilient future resulting from the strategic up sizing and passive backflow preventor locations through easily accessible areas.

FEMA Cadmus Phase 2 – Ft Meyers Beach Conveyance Capacity Restoration and Reliability Assessment | Ft Myers Beach | Lee County, FL

Stormwater Discipline Lead. This project included planning for eight recovery implementation projects due to impacts from Hurricane Ian and Tropical Storm Nicole. Scope of work included stormwater capacity and reliability assessments and recommendations to reduce flood risks. Jason's team performed city-wide stormwater screening assessment and scoping of all stormwater assets in the City in only 2 weeks. The team quickly calculated adjusted stormwater capacity due to the presence of debris and silt within the pipe system and provided analysis linking the sediment filled canals to stormwater system performance. The projects and strategic planning were integrated with ongoing work within the City to put the area back on track to meet and exceed their stormwater level of service.

Green Key Neighborhood Drainage Improvements | Pasco County, FL

Project Manager. The project includes resilience components to prevent tidal flooding and complete roadway rehabilitation and stormwater conveyance improvements to provide and maintain flood level of service goals. Jason led the team to analyze strategic tidal backflow prevention measures and targeted minimum and maximum roadway elevations throughout the neighborhood with reclaimed asphalt pavement for a permittable constructable project that handles both nuisance and extreme flooding events the occur 70+ days each calendar year. The flooding was frequently sustained for days as tidal flooding made its way through overland high-points and into service areas that did not include a positive outfall.

St Petersburg City Wide Stormwater Conveyance Restoration Program | St Petersburg, FL

Program Lead. In response to completion of the City's stormwater master plan, completed by Jason and the Jacobs team in 2024, Jacobs developed a stormwater conveyance restoration program with the City to perform a phased condition assessment of all stormwater assets to allow for a complete understanding of system performance under all conditions. The work allows the City to implement strategic, proactive maintenance practices that achieve immediate results. The final product will be used as a lens to support capital project decision making and prioritization. Jason's implementation of the work has allowed the project to become programmatic, with streamlined workflows and management techniques to complete the project on schedule.



Jacobs' Title:

Project Manager | Engineer

Years of Experience/Jacobs:

9+ /1

Education and Training:

- BS, Environmental Engineering

Registrations/Certifications:

- Professional Engineer, FL (94901)
- Mine Safety and Health Administration (MSHA)
- Open Water Scuba Certification

Office Location:

Sarasota, FL

Availability:

85%

Services Anticipated:

Project management; client coordination

Anticipated Level of Participation:

Daily project management with regular client and team coordination

Allie Bittle, PE

Project Manager

Allie is a Sarasota-based Project Manager with experience leading municipal stormwater, water resources, and utility infrastructure projects from planning and evaluation through design and implementation. She provides leadership to multidisciplinary teams delivering drainage improvements, flood mitigation solutions, watershed planning efforts, and resilience-focused capital programs for local government clients throughout Southwest Florida. Drawing on a strong technical background in hydraulic modeling, utility infrastructure, and water resources engineering, Allie provides strategic guidance on project delivery, regulatory coordination, stakeholder engagement, and technical decision-making to achieve high-quality, data-driven outcomes.

Her recent experience includes the Green Key Neighborhood Drainage Improvements, Ehren Cutoff Flood Mitigation, Pinellas Trail Connection at 74th Street North, Lift Station 03 Expansion, Myakka River Watershed Management Plan, and Englewood Coastal Stormwater Improvements projects. Through these assignments, she has successfully managed client communications, coordinated multidisciplinary teams and subconsultants, facilitated agency and stakeholder coordination, and guided complex technical efforts involving hydrologic and hydraulic modeling, utility analysis, permitting, resiliency planning, and infrastructure evaluation. Her experience spans both gravity and pumped systems, providing a well-rounded understanding of the challenges associated with municipal stormwater and utility infrastructure.

As a Sarasota native and resident, Allie brings a personal investment in the long-term resilience and sustainability of the region's infrastructure systems. She is actively engaged in the local engineering community, serving as Vice President of the ASCE SunCoast Branch and as a committee member of Sarasota County's Stormwater Environmental and Utility Advisory Committee (SEUAC), providing valuable insight into regional priorities, stakeholder perspectives, and emerging resilience initiatives.

Relevant Project Experience

Green Key Neighborhood Drainage Improvements | Pasco County, FL

Assistant Project Manager. Supported project client communications and coordinated stakeholder engagement for a neighborhood scale resilience and drainage improvement program addressing chronic tidal flooding. Led construction feasibility evaluations and land/site civil design review to assess roadway rehabilitation strategies, stormwater conveyance upgrades, and reclaimed asphalt pavement applications to achieve permittable, constructible solutions. Served as SWFWMD ERP permitting lead.

Ehren Cutoff Flood Mitigation | Pasco County, FL

Project Manager. Leading client communications with Pasco County and directing a multidisciplinary technical team through a hydrologic and hydraulic modeling study to evaluate prolonged roadway flooding along Ehren Cutoff. Oversaw stormwater inventory and data collection, including review of as builts, GIS, LiDAR, and recent construction records. Led development of a refined stormwater model to accurately represent existing drainage performance. Guided the team in evaluating three conceptual flood mitigation alternatives, assessing flooding depth, duration, and off-site impacts during both design-storm and super-saturated conditions to ensure the solution's resilience. Managed preparation of cost opinions and all project deliverables.

Pinellas Trail Connection at 74th ST N | City of St. Petersburg, FL

Project Manager. Overseeing client communications with the City and leading the technical team through data collection, site review, and coordination for the proposed ADA accessible trail connection. Directed drainage analysis and culvert sizing using survey, geotechnical information, and stormwater modeling to support the City's permitting needs for a drainage narrative, calculations, and recommendations for pipe configuration, end treatments, and upstream stormwater system considerations. Led permitting coordination with SWFWMD and Pinellas County, preparing permitting packages to advance the project toward construction.

Lift Station 03 Expansion and Lift Station 13 Demolition | City of Bradenton, FL

Project Manager. Responsibilities include full project management, schedule and budget oversight, and directing multidiscipline design teams. The project scope includes a new, resilient lift station; 1,400 LF of force main; site layout; mechanical and electrical design; and integration of existing and proposed flows. Managing FDEP permitting, demolition planning, coordination with FPL and geotechnical subconsultants, and CMAR collaboration for GMP development, constructability review, and risk management. Supporting the client through a grant funded program with heightened community and political sensitivity.

Myakka River Watershed Management Plan Update | Sarasota County, FL

Deputy Project Manager. Responsibilities include day-to-day project management, client coordination, schedule and budget oversight, and directing multidisciplinary technical teams and subconsultants. The project scope includes watershed assessment, hydrologic and hydraulic modeling, floodplain analysis, water quality investigations, alternatives evaluation, and development of watershed management and capital improvement recommendations. Leading coordination among County staff, technical disciplines, and stakeholders; managing project communications and progress reporting; monitoring project performance; and supporting decision-making, risk management, and quality assurance throughout project execution.

Englewood Coastal Stormwater Improvements | Sarasota County, FL

Design Coordinator / Internal Deputy Project Manager. Responsibilities include day-to-day design coordination, schedule management, multidisciplinary team leadership, and support of overall project delivery. The project scope includes coastal stormwater infrastructure improvements, flood mitigation planning, utility conflict resolution, hydrologic and hydraulic modeling, permitting, public involvement, and development of construction plans and specifications. Serving as the primary internal coordinator across technical disciplines and subconsultants.



Jacobs' Title:
Senior Drainage Engineer

Years of Experience/Jacobs:
25/8

Education and Training:
- BS, Civil Engineering

Registrations/Certifications:
- Professional Engineer: FL (#68228)

Office Location:
Tampa, FL

Availability:
55%

Services Anticipated:
Drainage design

Anticipated Level of Participation:
Regular oversight of engineering team and coordination between disciplines

Danh Lee, PE

Project Design

Danh's background includes transportation and drainage design and plans development on project types ranging from major and minor roadways to expressways and interstate highways including major multi-level interchanges. His project experience includes planning, preliminary design, and final design, and his expertise extends to stormwater management and environmental permitting. His engineering experience includes procuring surface water and environmental permits from the St. Johns River Water Management District, South Florida Water Management District, Southwest Florida Water Management District, Florida Department of Environmental Protection, Army Corps of Engineers, and Environmental Protection Agency. He has a comprehensive background in CAD and plan production, using Intergraph MicroStation and GEOPAK and Open Road Designer. Other computer experience includes stormwater modeling ICPR, PONDS, HY-8, HEC-RAS, Win TR-55, SMADA, GEOPAK Drainage, and BMP Trains.

Relevant Project Experience

SR 429 Wekiva Parkway, Section 7A | FDOT District 5 | Seminole, FL

Drainage Engineer. Provided stormwater pond design, cross-drain design, ditch design, and special gutter profiles to complete the SR 429 Wekiva Parkway corridor and interchange. This project included the design and preparation of final construction plans and permits for approximately 3.5 miles of SR 429 Wekiva Parkway with adjacent frontage roads, from east of River Oaks Circle to Orange Blvd (CR 431) in Seminole County. The project also included five roundabouts and seven bridges.

I-4 Widening over the St. Johns River Design-Build | FDOT District 5 | Seminole & Volusia Counties, FL

Drainage Engineer. Provided drainage design and permitting for this $102 million design-build project. This project consisted of widening I-4 from four lanes to six lanes from west of the Orange Boulevard/US 17-92 interchange to west of the Saxon Boulevard interchange, a length of approximately 6.7 miles. The project included replacing the existing bridge over the St. Johns River/US 17-92 and the existing bridge over Orange Boulevard/CSX Railroad.

I-4 Ultimate Design-Build, Section 4 | FDOT District 5 | Orange County, FL

Drainage Designer. Provided drainage design for the storm sewer pipe network system for the final design of I-4 from south of Orange Blossom Trail to south of Ivanhoe Boulevard. This reconstruction project improved four miles of I-4 to six general-use lanes and four HOV express lanes. The project also included roadway improvements along two miles of SR 408. The project has major interchanges along I-4 at Orange Blossom Trail, Kaley/Michigan, SR 408, and SR 50. The SR 408/I-4 interchange is a complex four-level interchange with extensive ramp reconstruction.

Viera Interchange PD&E Study | FDOT District 5 | Brevard County, FL

Lead Drainage Engineer. Study that included a two- and four-lane arterial from Power Line Road to US 1, and a four-lane overpass on I-95. As part of the Viera DRI, FDOT recognized the potential for increased traffic congestion at the Fiske Boulevard interchange to the north and the Wickham Road interchange to the south, as well as on Fiske Boulevard. This led to a proportionate share agreement with FDOT in which The Viera Company (TVC) committed to funding the PD&E study, final design, permitting, and construction. TVC was a major project stakeholder, requiring an additional level of coordination. Services included preliminary engineering, constructability/MOT, cost estimates, traffic operations, interchange concepts, structures, drainage, floodplains, geotechnical, threatened and endangered species, wetlands, and public involvement.

SR 528 Widening | FDOT District 5 | Brevard County, FL

Senior Drainage Engineer. Provided the preliminary design and preparation of construction documents, permits, and specifications for the SR 528 widening from east of SR 3 to the Port Canaveral interchange – five miles. This project added one express lane in each direction separated by a four-foot buffer from the general use lanes and a 12' multi-use trail along the north side of SR 528.



Jacobs' Title:
Senior Biologist

Years of Experience/Jacobs:
21/21

Education and Training:
- MS, Biology
- BS, Biology

Registrations/Certifications:
- Envision™ Sustainability Professional (ENV-SP)

Office Location:
Tampa, FL

Availability:
55%

Services Anticipated:
Permitting

Anticipated Level of Participation:
Support permitting as design plans develop

Leigh Ann Cannon, ENV-SP

Permitting Lead; Regulatory Permitting FDEP / USACE / SWFWMD

Leigh Ann has 21 years of experience permitting construction impacts to uplands, wetlands, benthic resources, and stormwater systems, along with over 10 years of experience implementing ISI's Envision Sustainable Rating System for infrastructure projects and obtaining certification awards. Her project work involved Environmental Resource Permitting with local, state, and federal agencies in the Southeast Region of the U.S., Puerto Rico, St. Thomas, and Bahamas for marine construction/dredging projects and upland development. Other tasks involve benthic resource inspections and mapping, wetland assessment, mitigation permitting/monitoring, and NPDES industrial stormwater permitting and compliance.

Relevant Project Experience

Woodland, Brevard, 2nd Street N Flooding & 1st Street N Between Oak Ave and N Orlando Avenue Flooding Evaluation | City of Cocoa Beach, FL

Permitting Lead, Environmental Scientist. Coordinated and performed the environmental site visit to survey existing conditions including habitat types and presence of surface waters and protected or listed species. Results of the inspection were utilized to determine the federal, state, and local permitting requirements and associated fees due to the proposed impacts and integrated into the Environmental Permitting Technical Memorandum. Also researched the possible state-implemented water quality load reduction requirements for the Banana River.

Minutemen Causeway Shoreline Erosion Study | City of Cocoa Beach, FL

Permitting Lead. Researched the listed and protected species at the project location and Mitigation Banks within the service area. Based on the environmental site inspection results, determined the federal, state, and local permitting requirements and associated fees due to the proposed impacts and integrated into the Environmental Permitting Strategy Technical Memorandum.

Stormwater Canals Sediment Removal | Pinellas County, FL

Permitting Lead & Project Scientist. The County required assistance obtaining permits or exemptions and design of drainage canal maintenance to perform countywide sediment removal from over 20 stormwater management facilities consisting of canals, channels, and ditches. Permitting involved coordination with USACE and FDEP or SWFWMD. Assessments of impacts to habitats, benthic resource, wetlands, and listed species were conducted with the goal of qualifying each permit for state exemptions and federal nationwide permits. Efforts significantly saved the County cost and time and reduced the permit approval schedule. All projects were successfully permitted with a 35-day average turnaround.

Patricia/Ashby Street Underground Injection Well and Stormwater Retrofit | City of Key West | Monroe County, FL

Permitting Lead. Obtained Dewatering and Stormwater Retrofit General Permits from South Florida Water Management District to perform stormwater retrofit and improvements of over half an acre at Patricia and Ashby Streets. A federal permit was not required as the project was located in the uplands and did not impact wetlands or surface waters of the U.S. During the pre-application meeting, the agency believed an Individual Permit would be required; however, her research indicated otherwise. Jacobs submitted documentation supporting coverage under the General Permits which saved on application processing time and reduced the permitting fees.

HMGP Pump Station 02 Hardening Upgrades Permitting | Miami-Dade County Water & Sewer Department | Miami-Dade County, FL

Permitting Lead. Jacobs provided engineering services for hardening and flood protection upgrades to the critical master regional Pump Station 2. The addition of flood, wind, and emergency power supply protection provides benefits by reducing damage and minimizing the potential time of being out of service during an event. Leigh Ann compiled and submitted the necessary application documentation to the appropriate state and county permitting agencies, coordinated RFI responses, and successfully obtained the permits authorizing the proposed work to the client's expectations.



Jacobs' Title:
Senior Engineer

Years of Experience/Jacobs:
18/12

Education and Training:
- BS, Environmental Engineering
- MS, Environmental Engineering Sciences

Registrations/Certifications:
- Professional Engineer: FL (# 54081)

Office Location:
Orlando, FL

Availability:
35%

Services Anticipated:
Stakeholder/community outreach and engagement; NEPA compliance; permit close-out monitoring

Anticipated Level of Participation:
Ongoing public engagement with periodic NEPA and permitting support

Colleen Ross, PE

Stakeholder Outreach Lead; NEPA Compliance; Permit Close-out Monitoring

Colleen has 18 years of experience managing transportation and infrastructure projects. Her work includes roadway design, drainage features, utility coordination, resilience planning, permitting, and public outreach. She manages the Church Street Festival Street Design in Orlando, which includes trench drains, roadway modifications, and utility coordination. She also leads the Barrier Island Complete Streets study on Anna Maria Island, coordinating with the Town of Longboat Key, neighboring communities, and local agencies.

Relevant Project Experience

Barrier Island Complete Streets PD&E Study, FDOT District 1 | Anna Maria Island, FL

Project Manager. PD&E Study to evaluate multimodal alternatives to address safety issues and existing roadway deficiencies while enhancing multimodal connectivity and system linkage. The project corridor links three cities along Anna Maria Island and includes three bridge access points (Anna Maria Island Bridge, Cortez Bridge, and Longboat Pass Bridge), that link the island directly to the mainland. The project corridor has an overrepresentation of severe crashes that is twice the statewide average, of which the bicycle and pedestrian crashes are triple the statewide average. The project involved extensive stakeholder and public outreach including multiple stakeholder meetings with the local transit agency (MCAT), emergency services, as well as representatives from the Cities of Bradenton Beach and Holmes Beach, and the Town of Longboat Key. Colleen was responsible for project management, coordination, and technical oversight of all environmental documents.

Church Street Festival Street Design (Phase 1), City of Orlando | Orlando, FL

Project Manager. Managed the overall design of the project, including schedule development, and coordination of all design disciplines. Responsible for coordination with City staff and the Downtown Community Redevelopment Agency and overall project management.

Districtwide PD&E Consultant Services, FDOT District 6 | Miami, FL

Deputy Project Manager. Providing professional PD&E services with task work orders (TWO) ranging from collecting data, scoping reports, staff hour estimates/scope development, miscellaneous plan reviews, ETDM coordination and PD&E management support and technical guidance. General scope of services includes project planning, preliminary engineering, and environmental studies. Colleen is currently managing a TWO to support resilience and hardening needs particularly in Monroe County. She supports managing the development of various work orders including providing management support for in-house PD&E studies, on call services, miscellaneous reviews, traffic operations studies, and resilience.

Downtown Lakeland Pedestrian Overpass New York Ave. and CSX Railroad, FDOT District 1 | Polk County, FL

Environmental Lead and Public Involvement Lead. Design of a pedestrian bridge over the CSX right-of-way at the intersection of the CSX Railroad with New York Avenue. Project is to enhance bicycle and pedestrian connectivity, access, and mobility in the Downtown Lakeland area. Colleen was responsible for evaluating social, cultural, natural, and physical impacts at the 30% design plans. She prepared the Non-Major State Action in FDOT Statewide Environmental Project Tracker (SWEPT) which was approved in June 2022. Lead public involvement activities including a pop-up information table at the City of Lakeland Farmer's Market and a virtual design public meeting (30% plans) that included a panel.

Downtown Lakeland Pedestrian Crossings PD&E Study, FDOT District 1 | Lakeland, FL

Environmental Lead. PD&E study to evaluate bicycle and pedestrian crossings at the intersections of the CSX Railroad with Kentucky Avenue and New York Avenue (approximately four blocks apart). Solutions included grade-separated concepts (bridges over CSX right-of-way) to enhance bicycle and pedestrian connectivity, access, and mobility. Environmental Lead responsible for evaluating social, cultural, natural, and physical impacts for various alternatives for improvements and coordination of the supporting environmental documents. Assisted with public involvement activities throughout the project including the meeting summary reports.

Collier Metropolitan Planning Organization (MPO) 2050 Long Range Transportation Plan (LRTP) Update | Collier County, FL

Project Manager. Developed the 2050 Long-Range Transportation Plan (LRTP) in accordance with federal guidelines by December 2025. The update advanced a 20-year planning horizon and established a Cost Feasible Plan to support a safe, efficient, multimodal transportation system that meets future travel demands. The plan addresses area mobility needs while balancing available funding and aligning with national, state, and local goals. Key challenges included funding the Cost Feasible Plan and incorporating resilience projects within limited resources. Responsible for overall project management and coordination of the traffic modeling, public outreach, and LRTP document development.



Jacobs' Title:
Senior Engineer

Years of Experience/Jacobs:
31/18

Education and Training:
- PhD, Chemical Engineering
- MS, Environmental and Resource Engineering

Registrations/Certifications:
- Professional Engineer: FL (# 64604)
- Project Management Professional (PMP) Envision Sustainability Professional (ENV SP)
- Certified Floodplain Manager (CFM)

Office Location:
Tampa, FL

Availability:
35%

Services Anticipated:
Grant assistance; project closeout for grants

Anticipated Level of Participation:
Grant support as needed

Kerstin Kenty, PhD, PE, PMP, ENV SP, CFM

Grant Assistance Lead;
Project Closeout for Grants and General Lessons Learned

Dr. Kenty is a highly experienced water group professional with three decades of expertise in leading multi-disciplinary teams to deliver engineering projects on time and within budget. Her extensive project portfolio includes water, reclaimed water, and wastewater planning; wastewater permitting; utilities asset management for distribution and collection systems; and supporting public agency clients in wastewater system capacity assurance planning. She has also contributed to consent order program management, prepared bid and specification document packages, authored a report on water reuse, assisted with data management and reporting for large program management tasks, provided project management staff augmentation, and offered design, post-design phase services, bid phase services, and alternate delivery. Dr. Kenty has evaluated vulnerability and risk to improve resilience, written grants, and overseen construction projects.

Relevant Project Experience

First Street Pump Station and Flood Mitigation Project | Miami Beach, FL

Permitting Lead. Developed permit execution plan and criteria to meet City objectives including minimum road elevations using the new City Road Raising Policy, developed by Jacobs under separate task order, and incorporating future tidal and rainfall projections into project LOS analysis and incorporation of blue-green infrastructure for water quality to enhance community and environmental benefits. Project also includes improvements for potable water distribution, wastewater collection, stormwater management, urban tree canopy and aesthetic enhancements.

Joe's Creek Model Update, Alternative Analysis, and Feasibility Study Preliminary Engineering Report | Pinellas County, FL

Project Manager & Permitting Lead. Led permitting planning and execution development for watershed scale flood risk assessment for Joe's Creek, a complete stream restoration project in a heavily flooded, coastal area of the County. Delivered a comprehensive preliminary engineering report that includes evaluation, and design including initial condition assessments and watershed updates from four watersheds. Tasks include solutions analysis, cost estimates and scheduling. The project has progressed to the 60% design phase now ahead of schedule.

Program Management and One Water Plan | City of St. Petersburg, FL

Task Lead. The City of St. Petersburg's program prioritized approximately $3.1B of investments needed to implement a standard risk-based asset management program, address current and future regulatory requirements, incorporate sustainability and resiliency considerations, realize regionalization opportunities, and promote local priorities. The Plan was developed to forecast capital needs through 2040 for the potable water system, wastewater collection system, wastewater treatment facilities, reclaimed water distribution system, and stormwater management system. Dr. Kenty supported the program by developing workflow diagrams to support the development of standard operating procedures.

Program Management for System Infrastructure Resiliency Program | JEA | Jacksonville, FL

Program Manager. Because of severe weather impacts and storms which impacted JEA's operations with electrical power failures and equipment disruptions resulting in sanitary sewer overflows. JEA decided to develop a comprehensive and forward-looking infrastructure plan. Jacobs developed the framework to achieve resilience for JEA's water and wastewater systems. The goals are to identify the existing system risk exposure and subsequently update design and construction standards to mitigate these risks, develop risk adaptation strategies, and develop a plan for utility resilience



Jacobs' Title:
Senior Engineer

Years of Experience/Jacobs:
15/15

Education and Training:
- MS, Environmental Engineering
- BS, Civil Engineering

Registrations/Certifications:
- Professional Engineer: FL (85429)

Office Location:
Tampa, FL

Availability:
35%

Services Anticipated:
Quality reviews

Anticipated Level of Participation:
Ongoing quality oversight

Michelle Collins, PE

QA/QC - Technical Advisor

Michelle is a project manager with 15 years of experience supporting Florida utilities in stormwater, water, wastewater, and reclaimed water planning, permitting, design, and project delivery. She has a proven track record of successfully delivering large, complex infrastructure projects funded through federal and state grant programs with stringent compliance requirements. Based in Tampa, Michelle brings expertise in utility infrastructure permitting, hydraulic and water quality modeling, conveyance system evaluations, pump station and pressurized pipeline improvements, construction-phase services, and program management. Her experience includes planning, design, permitting, bidding, and construction support of utility infrastructure projects throughout the Tampa Bay region, as well as the coordination of multidisciplinary teams and management of capital improvement programs to achieve successful project outcomes.

Relevant Project Experience

Shore Acres Resiliency Infrastructure Project | St. Petersburg, FL

Project Manager. The City of St. Petersburg is continuing its proactive comprehensive flood-mitigation efforts to improve stormwater infrastructure throughout the City. As part of this effort, Jacobs is providing design, permitting, and construction support services to increase overall conveyance capacity by installing new stormwater box culverts, a new 240 cfs stormwater pump station, a new screening structure, and a new outfall dissipater structure to Tampa Bay and implementing various roadway improvements in the Shore Acres neighborhood. H&H modeling, computational fluid dynamics (CFD) for turbulent flows within the wet well, and Replica for operational scenarios have been performed. Jacobs is also supporting the delivery of the project funded by Resilient Florida Program with American Rescue Plan Act (ARPA) funds using the construction manager at risk (CMAR) model.

Southeast Regional Water Reclamation Facility Capacity Improvements (SERWRF) | Manatee County| Manatee County, FL

Project Manager. The SERWRF Capacity Improvements will address several components of the treatment plant to provide enhanced biological treatment using the AquaNereda (AGS) process as well as increase hydraulic capacity of those processes. Jacobs is leading the modifications within existing Basins 1, 2 and 3, design of the new AGS process and reaeration basins and modifications to the equalization tank. As lead for the modifications for the biological process improvements, Jacobs has overseen the process sampling and conducted biological modeling. Jacobs has provided CMAR coordination throughout the project, working closely with the CMAR for Value Engineering (VE) and Early Works.

Program Management and One Water Plan | City of St. Petersburg, FL

QA/QC Lead, Deputy Program Manager. The City of St. Petersburg's program prioritized approximately $3.1B of investments needed to implement a standard risk-based asset management program, address current and future regulatory requirements, incorporate sustainability and resiliency considerations, realize regionalization opportunities, and promote local priorities. Michelle provided QA/QC for the evaluation of City stormwater, water, and wastewater treatment, distribution, and collection systems for climate-related vulnerabilities and recommended improvements to reduce risk, increase reliability and maintain operations, and prevent sewer overflows in the face of increasing storm intensity. Mitigation and adaptation strategies were applied to the final implementation plan.

Manufactured Home Communities System Improvements Program | Pinellas County Utilities | Pinellas County, FL

Program Manager. Managed all program aspects which includes replacement of 14 private manufactured home community's sanitary sewer systems completely funded through Restore Act, Resilient Florida, and ARPA (totaling $41M). The overarching goal of this project is to renew the infrastructure within these low-income communities and eliminate inflow and infiltration that has historically been contributing to sanitary sewer overflows within the public system. This program includes a large public outreach, communications, federal funding, and a diverse design consultant coordination component.



Jacobs' Title:
Resilience Subject Matter Expert

Years of Experience/Jacobs:
25/9

Education and Training:
- AA Degree- Coursework in Civil Engineering with a focus in Construction Management

Registrations/Certifications:
- Certified Floodplain Manager

Office Location:
Sarasota, FL

Availability:
40%

Services Anticipated:
Resilience and private property restoration

Anticipated Level of Participation:
Ongoing subject matter expert and private property restoration as design develops

Jason Bird, CFM

Resilience Lead; Private Property Restoration

Jason is a dedicated professional with over 25 years of extensive experience in engineering, sustainability, and resilience. Jason's expertise spans a wide range of areas, including water consumption, conservation, and reuse, infrastructure assessment, Low Impact Development, and water balance modeling. He has substantial experience in critical infrastructure vulnerability assessments, where he identifies potential risks and develops adaptation strategies to mitigate threats. His work in this area includes designing standards and policies tailored for coastal and at-risk communities and utilities, helping them prepare for and respond to environmental challenges. His efforts in developing mitigation measures and adaptation strategies ensure that infrastructure can withstand and recover from adverse conditions, safeguarding both the environment and the communities that depend on it.

Relevant Project Experience

Shore Acres | City of St Petersburg, FL

Resilience Lead. Assessed current and future tidal/boundary conditions and rainfall intensity to inform LOS analysis and design including road raising, higher seawalls and elevated equipment for 240 cfs pump station. The design focused on ensuring pump station reliability under various current and future conditions via hardening, elevation and redundancy, with backup power, remote control and no single point of failure.

Key West 10th Street & Harris, Community Flood Mitigation Project | Key West, FL

Resilience Lead. Evaluated stormwater management and flood mitigation system design for low lying residential community subject to frequent rainfall and tidal flooding. Performed LOS and alternatives analysis to inform phased solutions to support incremental improvements capitalizing on immediate needs and available grant funding with future phases positioned to address future sea levels and increasing flood elevations.

First Street Pump Station and Flood Mitigation Project | Miami Beach, FL

Resilience Lead. Developed design criteria to meet City objectives including minimum road elevations using the new City Road Raising Policy, developed by Jacobs under separate task order, and incorporating future tidal and rainfall projections into project LOS analysis and incorporation of blue-green infrastructure for water quality to enhance community and environmental benefits. Project also includes improvements for potable water distribution, wastewater collection, stormwater management, urban tree canopy and aesthetic enhancements.

Program Management and One Water Plan | City of St. Petersburg, FL

Resilience Task Lead. The City of St. Petersburg's program prioritized $3.1B of investments needed to implement a standard risk-based asset management program, address current and future regulatory requirements, incorporate resilience, and promote local priorities. Jason evaluated City water and wastewater treatment, distribution, and collection systems for climate-related vulnerabilities and recommended improvements to reduce risk, increase reliability and maintain operations, and prevent sewer overflows in the face of increasing storm intensity. He also developed mitigation and adaptation strategies and prioritized the phased implementation plan.

JEA Resilience Masterplan | JEA | Jacksonville, FL

Resilience Lead. Vulnerability review of all JEA water and wastewater assets to inform immediate, and longer-term activities to harden systems against flood risk and broader climate impacts. Develop adaptation strategies, perform benefit cost analysis and prioritize as part of phased implementation plan to protect utility against future storm impacts. Benchmark utility against other resilience-leading utilities and prepare resilience plan for continued assessment and advancement of utility LOS and future climate resilience.

Tyndall AFB, Coastal Resilience Implementation Plan (CRIP) for USAF

Resilience Lead & PM. Evaluated coastal flood risk and developed a comprehensive strategy to protect base infrastructure and mission from current and future coastal flooding using a combination of nature-based and more conventional flood mitigation structural and non-structural solutions. A benefit cost analysis quantified risk of flood impacts, compared to the cost of the mitigation solution alternatives to derive the most cost effective and best performing long term solution to provide mission assurance.



Jacob's Title:
Senior Project Controls

Years of Experience/Jacobs:
40/18

Education and Training:
- Associate of Arts Coursework, Miami-Dade Community College

Registrations/Certifications:
- State Certified General Contractor: FL (#CGC033926) and CGC#1532321)
- State Certified Underground Utility & Excavation Contractor: FL (#CUC1225101)

Office Location:
Tampa, FL

Availability:
60%

Services Anticipated:
Cost estimating

Anticipated Level of Participation:
Supporting cost estimating as design alternatives develop

Ralph Myers, CGC

Cost Estimating

Ralph brings more than 40 years of experience in program management, preconstruction, and cost estimating for municipal water, wastewater, and stormwater infrastructure projects. He specializes in progressive design-build and CMAR delivery, guaranteed maximum price development, risk management, budgeting, value engineering, procurement, and construction-phase cost control. His owner and general-contractor background supports scope development, constructability reviews, subcontractor procurement, scheduling, and project closeout for complex capital programs.

Relevant Project Experience

Utility Capital Improvements Program, City of Tampa | Tampa, FL

Lead Estimator. Developed estimates, GMP contracting, bid packages, and procurement for a $134-million design-build program involving potable-water, water force-main, wastewater force-main, stormwater, and micro tunneling work. The assignment included utility coordination, route or alignment evaluation, design development, permitting and approvals, coordination with affected stakeholders, preparation of technical documents, and support through procurement, construction, and project closeout. The assignment required careful communication of technical information, disciplined quality control, and practical coordination across client, design, regulatory, construction, and operations interests.

Donut Pond Pump Station (PDB), City of Tampa | Tampa, FL

Preconstruction Manager. Design and construction of a 100 cubic feet per second stormwater pump station with a 72-inch conveyance line from Donut Pond, featuring submersible pumps, 1,600 SF operations building, backup generator and fuel system, and automated controls to monitor pond and sewer levels and regulate flows, including coordination with the Duck Pond Pump Station.

CIAC Pipeline Segment 2 Phase 1 (Microtunnel) City of Tampa | Tampa, FL

Preconstruction Services and Cost Estimating. The project consisted of a 500-foot-long tunnel under the Hillsborough River, which enabled pipeline installation without impacting the environment. Sending and receiving shafts were excavated on both sides of the river: one at Fortune Drive and Doyle Carlton Drive and one at Cypress Street and Julian B. Lane Park. The 36-inch pipeline under the river was housed in a 60-inch steel-cased conduit. Responsibilities included cost estimating activities.

C. Subcontractors

American Government Services (AGS) is a full-service title company specializing in real estate services for government agencies, providing title searches and reports, title insurance, ownership and encumbrance reports, closings, condemnation support, and expert testimony. AGS has supported local governments and state agencies across Florida, including the Florida Turnpike, and has handled projects ranging from multi-parcel acquisitions to the 4,200-parcel Florida Keys Ecosystem project. **AGS is majority women-owned, certified as a DBE/MBE firm in Florida**, and registered as a real estate broker corporation with the Florida Department of Business and Professional Regulation. **For this project, AGS will provide title services.**

Colliers Engineering & Design (Colliers) has built a legacy of full-service engineering and architecture, design and consulting services spanning decades and offers expertise in civil, geotechnical, infrastructure, and environmental engineering; program management, SUE, GIS, and survey services. We have been serving Southwest Florida since 2013 and have seven offices with over 170 employees in Florida, with more than 70 staff members in Tampa and Fort Myers. **Colliers will provide utility coordination, SUE, survey, ROW, and data readiness services for this project.**

Flotech Environmental, LLC (Flotech) provides sanitary sewer and stormwater pipe inspection, cleaning, repair, and rehabilitation services for public agencies across Florida. Their team has recently provided CCTV inspections and CIPP lining for the Town of Longboat Key and the cities of Winter Springs and Oviedo, as well as storm conveyance and culvert work for FDOT Districts 1, 5, and 8 and the Florida Turnpike. The firm's experience includes bypass pumping, dewatering, obstruction removal, grouting, and structure sealing, with projects performed both as a prime contractor and through self-performed services. **Flotech is a certified MBE and will provide drainage inspection services for this project.**

Geotechnical and Environmental Consultants, Inc. (GEC) provides geotechnical engineering for Florida highway projects, including PD&E studies, design, and design-build. GEC's core services include geotechnical engineering for highway and bridge design, contamination screening and assessment, and construction phase services, including pile driving inspection and materials testing and inspection. GEC's depth of experience and large technical staff ensure streamlined development of the geotechnical scope of services, field investigation, and laboratory testing and reporting. **GEC (a certified SBE) will provide geotechnical services for this project and is supporting Jacobs on the** FDOT District One **Barrier Island PD&E Study.**

For more than 28 years, Quest has been a trusted public involvement consultant for the municipalities and agencies throughout Florida. **Quest is a certified WMBE and DBE** and specializes in engaging communities so they can embrace major infrastructure improvements whether its PD&E, design, or construction. Quest has a rich history serving clients in Sarasota and Manatee Counties with personnel based in Sarasota. Their team is currently leading public outreach efforts with Jacobs on FDOT's District One **Barrier Island PD&E Study**. **Quest will provide public outreach and support stakeholder materials development for this project.**

Tab 4

Project Approach



Tab 4. Project Approach

This project extends beyond drainage and roadway improvements. Longboat Key Village is a unique coastal community where resilience investments must balance technical performance, neighborhood character, property access, aesthetics, environmental stewardship, and resident expectations.

Project Understanding

The Town completed the Longboat Key Village Stormwater Analysis in October 2024 and has updated its Sea Level Rise and Recurring Flooding Resilience Plan in 2025, which informs the development of resilience projects related to sea level rise and flooding. The recommended Phase 4 improvements include roadway reconstruction and raising, drainage system expansion, upsizing of storm sewer infrastructure, installing additional backflow prevention measures, with water quality in mind. This work will address sea level rise, flooding, low-elevation overland flow near Longboat Drive South and Cedar Street, evaluating roadway grades relative to adjacent finished-floor elevations, and coordinating drainage and utility easements. Jacobs understands the need to balance effective flood mitigation with community character, accessibility, and long-term resilience.

The Shore Acres Resiliency Project highlighted by the Jacobs team centers around enhancements to existing infrastructure installed in 2004 much like the proposed Longboat Key drainage improvements slated for this project. The Jacobs team provides this same tested and successful approach that carries the project from design and permitting through cost estimating, stakeholder coordination, bidding, and construction support, with integrated community engagement and project messaging.

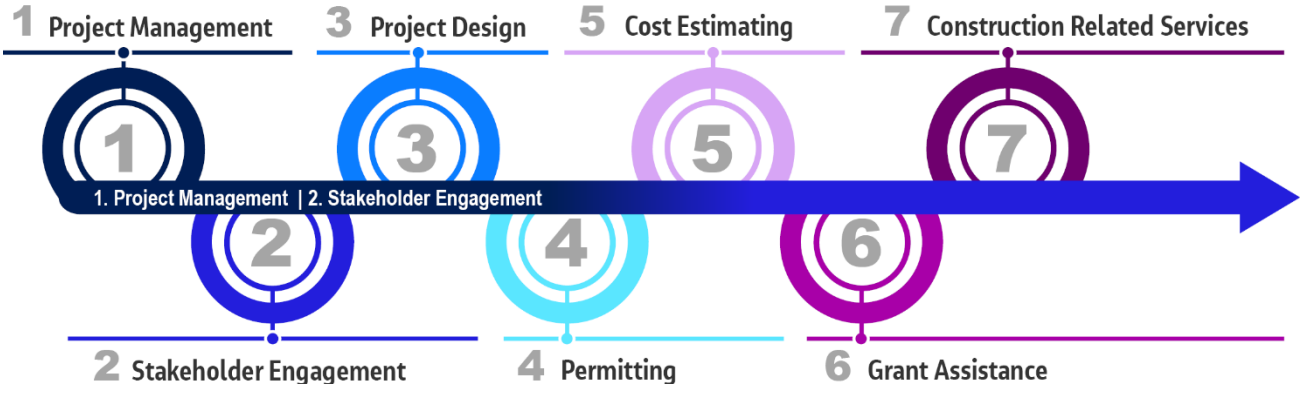
1. Project approach and how it meets the project objectives, including cost-saving measures.

Our approach builds on the previous alternatives analysis and focuses on **developing coordinated, implementable flood resilience improvements that preserve community character, maintain property access, and control potential for adverse impacts.**

Through our extensive work in Florida's coastal and barrier island communities, including the ongoing **Florida Department of Transportation (FDOT) District 1 Barrier Island PD&E Study along Gulf Drive (SR 789) on nearby Anna Maria Island,** we understand the opportunities and challenges associated with implementing infrastructure improvements in highly visible, environmentally sensitive, and stakeholder-driven communities.

Similarly, Jacobs has supported numerous resilience and stormwater improvement initiatives in

Stakeholder engagement: an integral part of our approach.



communities such as **Miami Beach, Key West, and City of St Petersburg** where roadway elevation and drainage improvements were designed to address recurring rainfall and coastal flooding while balancing concerns regarding neighborhood character, access, landscaping, property impacts, construction disruptions, and quality of life.



Fig. 1: Miami Beach green infrastructure design

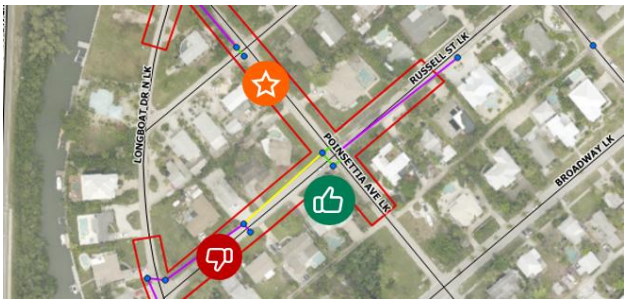
The industry leading road raising strategy that our Jacobs team developed for Miami Beach can be found at www.mbrisingabove.com under Innovative Studies. **A successful project approach establishes a strategic plan at the onset, allowing the framework to support important design, cost, and schedule decisions throughout the project life cycle.**

The process includes:

- Planning targeted locations and elevations
- Property harmonization for seamless grade transitions and property owner agreements
- Integrated infrastructure design to handle roadside and property drainage
- Community engagement meetings, update, and engagement tools to keep residents informed

These steps guide a no-regrets process to elevating roads and optimizing stormwater infrastructure that works in harmony with the adjacent properties, while supporting flood risk reduction and City master planning objectives.

These projects also require proactive engagement with residents and property owners, many of whom have understandable concerns regarding access, aesthetics, construction impacts, and potential impacts to their properties. To ensure productive engagement, Jacobs uses web-based toolsets such as ArcGIS Storymaps and Engage AI where residents can provide feedback at any time from planning through design and construction directly on the map.



Will this affect my ongoing home renovation?

Where will I park with work in front of my house?

The new pipes stopped the flooding!

Fig. 2: ArcGIS Storymap Public Interface

Jacobs' **collaborative approach helps build trust, strengthen community support, and advances meaningful flood mitigation and resilience improvements while remaining responsive to neighborhood needs and expectations. This initial emphasis strengthens the value of future public engagement meetings as the design progresses and reduces public engagement fatigue.**

Data Collection and Field Investigation

Our team also recognizes the unique conditions within Longboat Key Village, where extremely flat roadway grades, aging and limited drainage infrastructure, and redevelopment following recent storm events continue to influence flooding patterns. With this understanding of the unique needs of the community, Jacobs will conduct survey and utility location through sub-consultant Colliers Engineering & Design (Colliers), geotechnical services through Geotechnical and Environmental Consultants, Inc.

(GEC), and field investigations concurrently during the initial phase of the design schedule. In this case, Colliers Engineering is not just a survey firm, they are an award-winning resiliency improvement design firm that completed the Bradenton Beach Resiliency project. The Jacobs team also includes Flotech Environmental (Flotech) to assist with field investigations. Flotech offers a unique capability to identify maintenance needs and immediate improvements from cost effective, targeted pipe inspection that optimizes construction and engineering effort by defining and improving the existing stormwater system's capacity.
This collaborative effort between our Jacobs design team and specialized service sub-consultants ensures that both the design team and data capture elements are collectively capturing all elements critical to design and permitting; thus substantially reducing the potential for costly design and construction change orders and schedule delays. Emphasis will be placed on verifying adjacent building finished floor elevations and driveway tie-ins to ensure roadway profile development and elevation does not adversely impact private property access.

Often, survey and data collection efforts will miss ongoing recovery and restoration efforts across the properties affected by major storm activity that can degrade the performance of existing stormwater infrastructure. Jacobs previously completed projects for coastal communities such as the Town of Fort Myers Beach, where our proposed project director Jason Montminy and the Jacobs team led a FEMA recovery project that re-established the capacity and reliability of existing infrastructure and provided a strategic plan towards completing stormwater infrastructure improvements in-sync with the Town's master plan in response to Hurricane Ian. The Jacobs team has identified similar evidence of activities while reviewing the proposed improvements for the Longboat Key Village as shown in Figure 3.



Fig. 3: Construction damage to inlets and curbing

We understand that many newer homes have been elevated substantially above existing roadways, creating opportunities to strategically raise roads and improve drainage while reducing driveway impacts.



Fig. 4: Newer elevated homes in Longboat Key

We also recognize that localized low areas on private property may require creative, context-sensitive solutions that are critical to addressing concerns and building community support. Longboat Key residents are highly invested in their community and expect thoughtful, well-communicated solutions. Our team will leverage lessons learned from similar coastal resilience projects to develop improvements that enhance flood protection while preserving the qualities that make Longboat Key Village unique.

Jacobs will partner with GEC, a small business subconsultant with extensive experience providing geotechnical engineering services for transportation, utility, drainage, and infrastructure projects throughout Florida.

Working closely with Jacobs, GEC will provide geotechnical recommendations that support roadway elevations, drainage infrastructure improvements, utility coordination, and private property restoration efforts. Their findings will be integrated into the design process to reduce construction risk, improve constructability, and support the long-term performance of the proposed improvements. The geotechnical findings will be incorporated into final design and construction recommendations.

Construction Cost Estimating and Value Engineering Measures

Jacobs is unique in its approach towards construction cost estimating and value engineering in that Jacobs is a licensed contractor having completed over 300 at-risk construction projects and is a licensed operations and maintenance entity. Throughout the project schedule, the design team receives contractor bid-level feedback on construction cost and parametric estimating practices to ensure variables such as hauling patterns, available material storage and work activities unique to stormwater infrastructure are fully understood as early in the design process as possible. This provides cost certainty, independent of standard statewide cost indicators such as FDOT historical average line-item costs that can be severely skewed depending of project scale of quantities, as early as the 30% design. Jacobs will prepare Engineer's Opinions of Probable Cost at key project milestones to support budgeting, grant applications, alternative evaluations, and future construction procurement. Ralph Myers, CGC, will lead the cost estimating effort.

With our talented team of estimators, the Jacobs **team can** evaluate cost-saving opportunities throughout **all phases of** design. Potential measures include optimizing pipe sizes, adjusting roadway profiles, **innovative construction phasing, cost effective pavement design**, avoiding utility conflicts, and **maximizing the performance of existing infrastructure**. **Constructability is a lens by which all design is conducted, not just a stopping point along the design pathway.** By advancing a well-coordinated design and proactively resolving utility, permitting, and easement issues, Jacobs will help minimize construction change orders, reduce construction risk, and maximize the value of available grant funding.

2. Technical ability to perform all facets of the scope of services

Through our stormwater management, flood mitigation, and roadway elevation work in Shore Acres, Miami Beach, Key West, Venice, Bradenton, Sarasota, Anna Maria Island and other coastal communities, we understand that successful flood resilience projects must balance engineering performance, constructability, permitting requirements, funding alignment, and stakeholder expectations. **The Jacobs team is the same group responsible for success on these projects and many more across the region, starting with our project management team and project controls**

Project Management Team and Project Controls

Jacobs will provide the management, coordination, and oversight necessary to successfully deliver the project from kickoff through closeout of construction. Led by our local Project Manager Allie Bittle and Jason Montminy's decades of experience as the Project Director, our approach emphasizes strategic framework, proactive communication, schedule and budget management, quality control, risk mitigation, and stakeholder coordination. Regular coordination with Town staff, agencies, utility providers, stakeholders, and affected property owners will support timely decision-making throughout design, permitting, bidding, and construction. Jacobs will maintain a detailed project schedule with a focus on delivering complete bid documents within 12 months, while monitoring critical path activities, permitting, utility coordination, easement acquisition, and stakeholder engagement. The Town will receive regular progress reports and monthly invoices summarizing completed work, schedule and budget status, key risks, upcoming

activities, and decisions requiring Town input. Michelle Collins, PE, will serve as Jacobs' QA/QC Technical Advisor, providing independent reviews of key deliverables, design decisions, cost estimates, permitting strategies, and constructability considerations to help ensure a high-quality, constructible, and community-focused solution.

Project Design

Danh Lee, PE, will oversee all project design activities as the engineer of record, bringing extensive experience delivering coastal drainage, stormwater, flood mitigation, and infrastructure improvement projects that integrate drainage analysis and modeling, utility coordination, permitting, easement development, and constructible design solutions.

Roadway and Drainage Design

Jacobs will build upon the 2024 Longboat Key Village Stormwater Analysis by reviewing and validating the existing ICPR4/StormWise model, survey data, drainage basins, boundary conditions, and recommended improvements. The effort will include drainage system analysis and hydraulic modeling that is integrated with our initial phase field investigation services to evaluate stormwater infrastructure performance, tidal influences, conveyance limitations, and opportunities to optimize the Town's preferred alternative. Understanding that the conditions encountered by residents vary across different tidal activity and rainfall, the hydraulic modeling analysis will evaluate both permit design-storm simulations and those the Town may encounter from day to day. The objective is to ensure a resilient design across all current and future conditions and introduce cost-saving options to maximize the benefits of the available grant funding to support the community. Model refinements will focus on supporting final design decisions, including roadway elevations, pavement design, finished floor elevation considerations, stormwater conveyance improvements, utility conflict resolution, easement requirements, permitting, and constructability. **Ricky Ly, PE,** will support drainage analysis and modeling efforts.

Geotechnical investigations conducted by GEC and analyzed by the Jacobs design team will support optimized pavement design, drainage structure foundation prep, groundwater handling, and construction considerations. **Jacobs brings a wealth of knowledge with these applications from our experience both designing and maintaining roads throughout the City of Key West.** Our geotechnical expertise will refine the pavement cross section to maximize design life, and introduce value-added opportunities such as geo-cel stabilization, re-establishment of existing sub-grade to enhance reliability of the pavement section, and innovative base material concepts that complement the natural soil properties throughout the community roadways. This innovation can be phased with future opportunities and built within the Town's strategic plan and needs for future improvements.



Fig. 5: Limited inlet capacity /interrupted flow path



Fig. 6: Rural road section with no curb and gutter

The design will consider future sea level rise conditions while preserving flexibility for future drainage system enhancements. Opportunities to enhance walkability, bikeability, and nature-based solutions will also be evaluated where feasible and supported by the community. Jacobs will advance the Town's preferred solution into a constructible and resilient design that balances technical performance, community expectations, avoids property impacts, and provides long-term flood resilience. This design will also evaluate all opportunities to reduce future maintenance and rehabilitation costs that will ensue if careful, experience-based consideration for these measures are not otherwise coordinated during the design process.

Construction and Drainage Easement Design and Establishment

Jason Montminy, ENV SP, will analyze the field investigation work during the 30% design process to prepare a Property Impact Matrix identifying parcels that may be affected by permanent drainage easements, temporary construction easements, drainage grading changes, driveway apron reconstruction, utility adjustments, or private property restoration.

The team will identify necessary easements, prepare supporting exhibits and legal descriptions, assess property impacts, and support easement acquisition while seeking to minimize property impacts where feasible. We understand the sensitivity associated with easements and private property impacts and will work collaboratively with impacted residents throughout the process. **Jason Montminy** brings extensive experience delivering stormwater, drainage, and coastal resilience projects throughout Florida within highly engaged waterfront neighborhoods such as the Shore Acres community where the Shore Acres Resiliency Infrastructure project has reached 100% design on schedule and on budget. Our partners American Government Services Corporation (W/MBE) will support us with title services to confirm property ownership is support of easement needs.

Individual Lot, Driveway Improvements, and Private Property Restoration

Jacobs recognizes that roadway and drainage improvements may affect the areas where public right-of-way meets adjacent private properties, driveways, landscaping, and grading. Our team will develop harmonization and restoration concepts that maintain functionality, property access, drainage performance, and aesthetic character following construction, and restoring private properties.

Jason Bird, CFM and Sarasota County resident, will lead the Private Property Restoration effort. Restoration efforts may include driveway transitions, landscaping restoration, irrigation restoration, grading adjustments, surface restoration, and drainage modifications needed to maintain property access. Throughout design, the Jacobs stakeholder team will coordinate closely with affected property owners to understand site-specific conditions and concerns, while developing restoration solutions that are practical, constructible, and responsive to individual property needs. Jason and the stakeholder engagement team will also provide information on private property adaptation options homeowners can apply to improvements on their property as the town invests in the public realm, such as elevation, regrading, floodproofing and green infrastructure.

Utility Location and Conflict Avoidance

Utility coordination will be initiated early in project development to identify potential conflicts and support efficient construction implementation. Working closely with Jacobs, Colliers and Flotech will lead utility investigations and coordination efforts, to identify potential conflicts by the 30% design phase using SUE QA Level B to identify utility locations, minimize construction risks, and support efficient project delivery. The Jacobs team will then define critical public and private utility conflicts along with service laterals that require SUE QA Level A soft-digs to verify elevation, material, and diameter of all

subject locations, ensuring a proactive strategy towards utility relocation and conflict avoidance.

Through proactive utility coordination, early conflict identification, and ongoing engagement with utility owners, the team will work to minimize service disruptions, maintain access for residents, and support the successful implementation of the improvements. All utility relocation agreements will be completed by the 90% design phase.

Permitting and Environmental Compliance

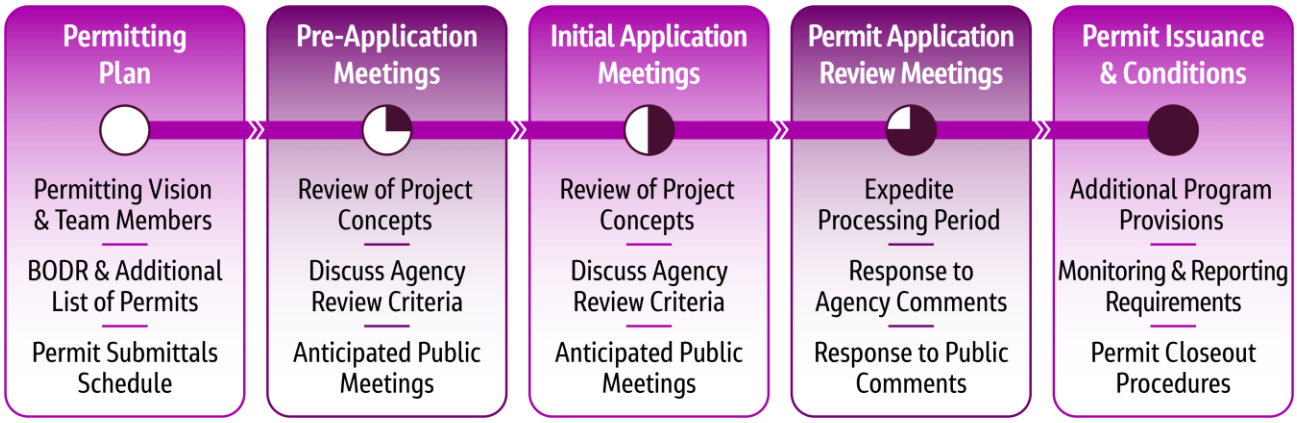
Jacobs has extensive experience navigating permitting requirements for coastal resilience, flood mitigation, roadway elevation, and stormwater projects throughout Florida. Our team understands the relationship among permitting, environmental compliance, design elements, funding eligibility, property impacts, and implementation schedules, allowing us to efficiently guide projects from design through construction while minimizing regulatory uncertainty and supporting grant eligibility requirements.

Our team will identify, coordinate, prepare, and obtain permits to construct the proposed improvements and restoration activities. Our experience permitting the recent **Shore Acres Resiliency Infrastructure Project, which included acquisition of USACE permits in just 7 months** and the **Miami Beach First Street Pump Station** projects equips us with outstanding knowledge of the current permit review and issuance timelines.

The Jacobs team will coordinate early with permitting agencies to receive input; confirm review pathways, schedules, and documentation needs; prepare applications and technical materials; respond to agency comments; and track permit progress through construction and closeout.

Together with **Colleen Ross, PE, Leigh Ann Cannon, ENV SP,** will lead the permitting effort, bringing extensive experience securing permits for stormwater, drainage, resilience, transportation, and coastal infrastructure projects throughout Florida. Their experience coordinating with local, state, and federal agencies will help streamline reviews, proactively address permitting challenges, and support timely project delivery.

Our permitting strategy focuses on leveraging our experience to integrate permit requirements into project development, minimizing regulatory risks and reducing the potential for project delays. We intend to collect environmental data, especially for submerged aquatic vegetation and mangroves, early in the project to assist the design by reducing or eliminating unnecessary impacts to protected resources and preventing costly re-design in later stages. Permitting considerations, including the use of Jacksonville Biological Opinion, Federal Emergency Management Agency (FEMA) and National Environmental Policy Act (NEPA) compliance, will be evaluated early and incorporated into planning, design development, and stakeholder coordination activities.



Agencies anticipated to be engaged include FDEP, FFWCC, SWFWMD, USACE, NMFS, USFWS, SHPO, Manatee County, the Town of Longboat Key, utility providers, and other applicable agencies. The team will evaluate FEMA requirements, NEPA compliance, NHPA (historic preservation), and environmental compliance obligations early, recognizing that federal and state permits and clearances can affect project funding. For the grant(s), a "No Permit Required" confirmation will be obtained from those agencies where is permit is not applicable, such as Coastal Construction Control Line Permit, DOT, or DOH.

Jacobs understands the project is within the Sarasota Bay Estuarine System, an Outstanding Florida Water (OFW), and within WBID 1968B, which is listed as impaired for fecal coliform. As part of the permitting process, Jacobs will define water quality analyses or pollutant load reduction documentation will be required to support permit issuance.

Public and Stakeholder Outreach During Detailed Design & Construction

Longboat Key residents are highly engaged stakeholders who care deeply about the future of their community. Through our work on Anna Maria Island, Miami Beach, Key West, Venice, Bradenton, St. Petersburg, and other coastal communities, we have learned that successful flood resilience projects require more than sound engineering. They require trust, transparency, and a genuine understanding of community concerns and priorities.

Our Public Outreach Lead, Colleen Ross, PE, has played a key role in stakeholder engagement for the FDOT District 1 Barrier Island PD&E Study, collaborating with residents, local governments, businesses, transit providers, and community groups on issues related to flooding, mobility, safety, and community character. **Because the Town of Longboat Key is a stakeholder in the Barrier Island PD&E Study, Colleen brings a strong understanding of the Town's residents, local and regional stakeholders, community priorities, and resilience challenges that shape decision-making throughout the region. The Study public meeting was well attended by the Town's residences and generated substantial public input that provided insight into community perspectives and concerns. This familiarity enables our team to establish meaningful dialogue from the outset and engage stakeholders in a manner that reflects the unique character, values, and expectations of the Longboat Key community.**

The team's experience navigating residents' concerns regarding property access, driveway transitions, aesthetics, construction impacts, and neighborhood character will be invaluable in helping the Town build support throughout project development. We will also partner with **Quest Corporation of America (WBE)** to support public involvement, stakeholder outreach, strategic communications, and local community engagement. Quest also supported the Barrier Island PD&E Study and is familiar with the Town's community and region.



Fig. 7: Colleen Ross engaging with residents at a public meeting for the Barrier Island PD&E Study

With the strategic planning and stakeholder outreach concept at the start of the project, the continued engagement approach will focus on listening first, and communicating clearly on project benefits and temporary disruptions. To maximize participation, Jacobs will meet stakeholders where they are by combining traditional public meetings with neighborhood-based outreach, digital engagement

tools, and project website updates. A menu of outreach and engagement tools (refer to Figure 2) will be presented for consideration and tailored to the project's needs, community preferences, and available budget, while building upon the Town's existing communications resources and outreach efforts.

Stakeholder engagement activities will also support utility coordination efforts during construction by communicating anticipated utility impacts, relocation activities, service interruptions, restoration requirements, and construction sequencing. Jacobs will coordinate closely with utility providers and Town staff to ensure residents receive timely information regarding any planned disruptions to utility services.

Grant Assistance

Because this project is anticipated to utilize federal funding, Jacobs will maintain a grant compliance checklist throughout design to ensure documentation, procurement support, environmental coordination, permitting activities, and scope decisions remain consistent with FEMA eligibility requirements and avoid actions that could jeopardize reimbursement. **Jacobs has extensive experience helping communities identify, pursue, secure, and manage funding for resilience, stormwater, flood mitigation, and infrastructure projects. Our team understands that successful grant programs require more than a strong application. Projects must be planned, documented, and advanced in a manner that aligns with funding requirements from the outset.**

Kerstin Kenty PhD, PE, PMP, CFM, will lead the grant assistance effort. Our team understands the documentation, procurement, permitting, cost estimating, benefit-cost evaluation, environmental compliance, and reporting requirements associated with federally funded infrastructure projects.

Kerstin will work closely with the project team to ensure project development remains consistent with applicable FEMA requirements, Hazard Mitigation Assistance guidance, federal procurement requirements, and other funding criteria identified by the Town. By integrating funding strategy into project development from the beginning, Jacobs will help position the Town to maximize funding opportunities, maintain compliance with grant requirements, and successfully advance the project through design and construction.

Bidding, Construction Support, and Project Closeout

Jason Montminy, ENV SP, will lead Bidding and Construction Phase Services, supported by Ricky Ly, PE. Together, they will help ensure a seamless transition from design through procurement, construction, and project closeout. Jason has unique experience through his role as a construction manager, he has been the project lead for standardized bid package development for the SWFWMD, as well as other clients through the region.

During bidding and procurement, Jacobs will support the Town with preparation of bid documents, responses to bidder questions, addenda preparation, bid reviews, contractor evaluation, and constructability and cost considerations. Pieter De Wolf, PE, will provide bid-phase support, while Ralph Myers, CGC, will contribute cost estimating, value engineering, and contractor-focused insights to assist with evaluation of construction approaches and pricing.

Throughout construction, Jacobs will provide construction oversight services, including progress meetings, contractor coordination, review of field conditions, responses to requests for information, and support with issue resolution. Travis Flowers will assist with construction coordination and administration, while Colliers will support utility relocation and as-built documentation. GEC will provide geotechnical expertise, as needed, to address subsurface and groundwater conditions as well as compaction testing needs encountered during construction.

Jacobs will also support review of contractor record drawings, preparation of as-builts, project certifications, and closeout documentation to verify consistency with the design intent, permit

requirements, and approved modifications. Following construction, our team will assist with permit compliance monitoring, regulatory coordination, and permit closeout activities. Leigh Ann Cannon and Colleen Ross will support agency coordination, reporting, and regulatory closeout requirements.

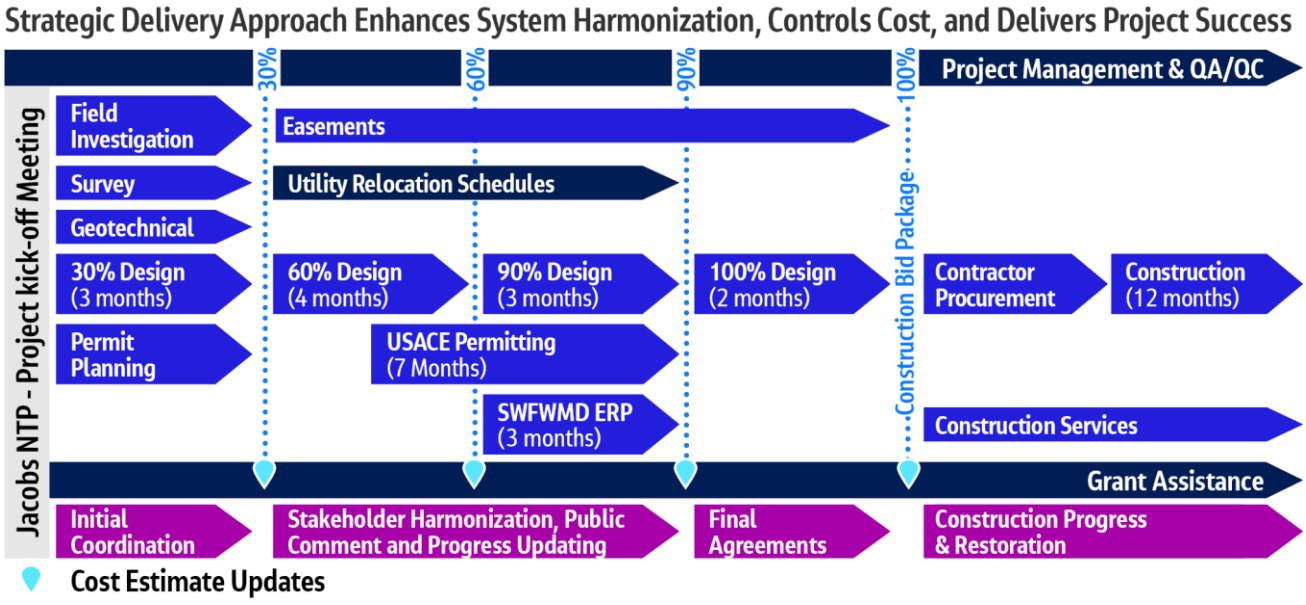
To support final project closeout, Jacobs will assist with grant reporting, reimbursement documentation, and lessons learned evaluations.

3. Implementation schedule for each key milestone and component, emphasizing complete bid plans and specifications within 12 months

Our team's implementation schedule delivers bid plans and specifications within 12 months and identifies major design, permitting, stakeholder engagement, easement acquisition, and procurement milestones. Jacobs will use integrated project controls, critical path scheduling, and regular forecasting to monitor progress, identify risks, and maintain schedule performance, with particular attention to permitting, utility coordination, easement acquisition, and stakeholder engagement activities. The construction timeline is estimated at 12 months to support any needs for phasing that can prevent disruption to adjacent property owners and maintain harmonization during restoration efforts.

4. Accessibility for meetings, general communications, coordination, and supervision

Jacobs is committed to maintaining direct and responsive communication throughout the project. Project Manager Allie Bittle, PE, will lead day-to-day coordination with the Town, supported by Project Director Jason Montminy, ENV SP, Public Outreach Lead Colleen Ross, PE, and other key team members as needed. Town staff will have direct access to project leadership and technical specialists throughout design, permitting, bidding, construction support, and closeout. Regular status updates and progress reporting will ensure timely communication, issue resolution, and informed decision-making.



Tab 5

Interactions with Town and Regulatory Agency Staff



Tab 5. Interactions with Town and Regulatory Agency Staff

With a strong understanding of coastal infrastructure and Florida permitting, we understand how to deliver this project to effectively address project specific technical components for coastal areas.

A. Regulatory, Grant Agency Experience



Allie Bittle, PE, Project Manager, will serve as the Town's primary point of contact and lead overall project delivery.



Jason Montminy, ENV-SP, Project Director, will provide executive oversight and strategic guidance based on his experience delivering coastal resilience and drainage improvement programs throughout Florida.



Leigh Ann Cannon, ENV SP, will lead permitting coordination. Her experience includes permitting and agency coordination with USACE, FDEP, and SWFWMD for Pinellas County's canal sediment removal program and stormwater improvements in Key West, including Environmental Resource Permits, stormwater permits, environmental compliance, and agency consultation.



Kerstin Kenty, PhD, PE, PMP, CFM, will lead grant administration and compliance. Her experience includes support for Pinellas County's $25M USDOT RAISE Grant and a $50M FEMA BRIC application, including grant strategy, benefit-cost analyses, compliance, and reimbursement support.



Colleen Ross, PE, will lead stakeholder coordination and environmental review. Through FDOT's Barrier Island PD&E Study, she managed NEPA compliance, ETDM coordination, environmental documentation, and public involvement which included stakeholders from the Town of Longboat Key.

B. Working with Town Staff

Jacobs will work as an extension of Town staff throughout project delivery. As Project Manager and primary point of contact, Allie Bittle will lead coordination across all disciplines, ensuring alignment among technical, permitting, grant, and stakeholder engagement activities. She will be supported by Jason Montminy for executive oversight, Leigh Ann Cannon for permitting and regulatory coordination, and Colleen Ross for stakeholder engagement and public outreach. Colleen's ongoing work with the Town through FDOT's Barrier Island PD&E Study provides valuable familiarity with local stakeholders and regional partners.

C. Knowledge of Permitting Processes and Local Regulatory Agencies

Jacobs routinely coordinates with Manatee County, Sarasota County, SWFWMD, FDEP, FDOT, Florida Department of Health, USACE, utility providers, and federal and state funding agencies. Leigh Ann Cannon will lead permit strategy, applications, agency coordination, and comment resolution; Colleen Ross will support environmental review and stakeholder requirements; and Kerstin Kenty will ensure grant conditions and funding requirements remain aligned with project delivery.

The team will identify permitting requirements early, prepare applications and supporting analyses, coordinate agency reviews, and track approvals through closeout. By integrating engineering, permitting, environmental compliance, grant administration, and stakeholder engagement, Jacobs provides the Town with a streamlined approach that minimizes risk, maintains funding eligibility, and supports successful project implementation.

Tab 6

Is the Proposer a Certified Minority Business Enterprise?



Tab 6. Is the Proposer a Certified Minority Business Enterprise?

A. How Jacobs Encourages Minority Participation

While Jacobs is not a Women or Minority-Owned Business Enterprise (W/MBE), we have a long working history working together with reputable local WBE, MBE, Small Business Enterprise (SBE), and Disadvantaged Business Enterprise (DBE) partners. Our team has worked with highly qualified, local W/MBE firms on our recent projects and will bring our established working relationships with these firms on projects where their specialized skills bring value to the Town of Longboat Key. Jacobs shares the Town's commitment to workforce diversity and engaging and growing the capacity of W/MBE firms. In the past, Jacobs' mentoring opportunities have included the following approaches:

- Delegating project management duties for small diameter projects to staff from our MBE/WBE/DBE partner firms.
- Making our senior technical staff available for QC roles in MBE/WBE/DBE work and educational meetings.
- Recognizing and creating incentives for contractors who are committed to mentoring and creating opportunities for MBE contractors.
- Design around MBE/WBE/DBE capabilities available in the marketplace where appropriate and at the discretion of the client.

We have won several distinguishing awards for our commitment to meaningful small business utilization, including:

- **Small Business** Administration's (SBA) Francis Perkins Vanguard Award
- SBA Award of Distinction
- SBA Dwight **D. Eisenhower Award for Excellence**

B. W/MBE Firms on the Jacobs Team

Firm	Services	Status
American Government Service Corporation	Title Services	MBE
Flotech Environmental, LLC	Drainage Inspection	MBE
Quest Corporation of America, Inc.	Public Outreach, Stakeholder Engagement	WBE, MBE

SBE Certified Firms

While the RFP references DBE/WBE/MBE categories, our subconsultant, Geotechnical and Environmental Consultants, Inc. (GEC) currently holds FDOT SBE certification. FDOT has transitioned its consultant diversity and small business participation programs over time, and SBE is the applicable FDOT certification held by this firm. We have identified the firm's FDOT SBE status in our proposal so the Town can appropriately evaluate the team's small business participation.

C. Documentation of Certified W/MBE Status

Please see below for each firm's applicable certificate.



State of Florida

Woman Business Certification

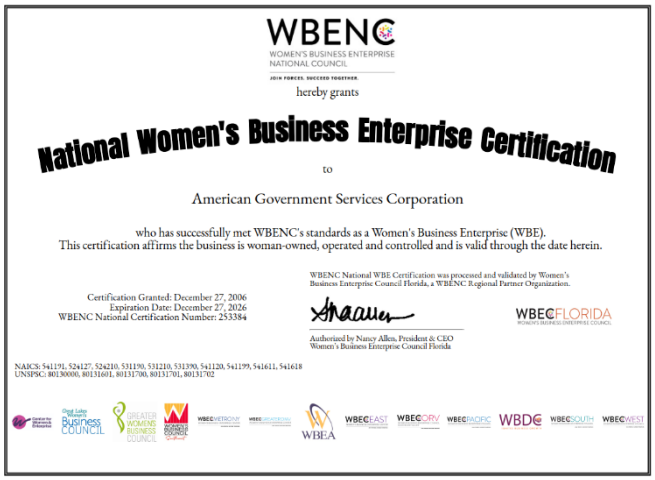
American Government Services Corporation

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
09/22/2025 to 09/22/2027

Pedro Allende
Florida Department of Management Services

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES • SUPPLIER DEVELOPMENT

Office of Supplier Development
4050 Esplanade Way, Suite 380
Tallahassee, Florida 32399
850-487-0915
www.dms.myflorida.com/osd



WBENC
WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

American Government Services Corporation

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: December 27, 2006
Expiration Date: December 27, 2026
WBENC National Certification Number: 253384

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council Florida, a WBENC Regional Partner Organization.

Authorized by Nancy Allen, President & CEO
Women's Business Enterprise Council Florida

WBECFLORIDA

NAICS: 541191, 524127, 524210, 531190, 531210, 531390, 541120, 541199, 541611, 541618
UNSPSC: 80130000, 80131601, 80131700, 80131701, 80131702

WBEA WBECEAST WBECCRV WBECPACIFIC WBDC WBECSOUTH WBECWEST



WBENC
WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

American Government Services Corporation

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

Majority Female Owner: Wendi McAvoy
NAICS: 541199, 524127, 524210, 531190, 531210, 531390, 541120, 541199, 541611, 541618 UNSPSC: 80130000, 80131601, 80131700, 80131701, 80131702
Certification Number: W120007
Renewal Date: December 27, 2026
WOSB Regulation Expiration Date: 12/27/2026

WBECFLORIDA

Nancy Allen, Women's Business Enterprise Council Florida President & CEO

Jill Sasso, WBENC Chief Operating Officer

LaKesha White, Sr. Vice President, Certification



FDOT BROWARD COUNTY FLORIDA LEE COUNTY PORT AUTHORITY GREATER ORLANDO AVIATION AUTHORITY JACKSONVILLE TRANSPORTATION AUTHORITY

Florida Unified Certification Program

Disadvantaged Business Enterprise (DBE)

Certificate of Eligibility

AMERICAN GOVERNMENT SERVICES CORPORATION
MEETS THE REQUIREMENTS OF 49 CFR, PART 26
APPROVED NAICS CODES:
541191

Samuel Febres

Samuel Febres (Sammy)
DBE & Small Business Development Manager
Florida Department of Transportation

MIAMI-DADE COUNTY Delivering Excellence Every Day

Tampa International Airport

TALLAHASSEE

Votran



State of Florida

Minority Business Certification

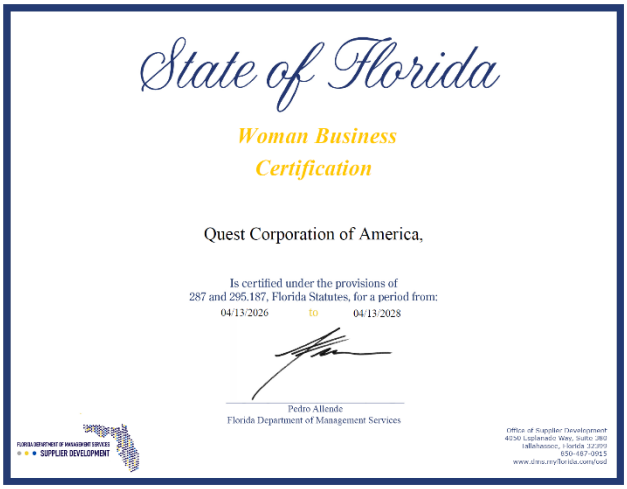
Flotech Environmental LLC

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
04/21/2025 to 04/21/2027

Pedro Allende
Florida Department of Management Services

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES • SUPPLIER DEVELOPMENT

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4050 Esplanade Way, Suite 380
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850-487-0915
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State of Florida

Woman Business Certification

Quest Corporation of America,

Is certified under the provisions of 287 and 295.187, Florida Statutes, for a period from:
04/13/2026 to 04/13/2028

Pedro Allende
Florida Department of Management Services

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES • SUPPLIER DEVELOPMENT

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Tab 7

Is the Proposer a Local Firm?



Tab 7. Is the Proposer a Local Firm?

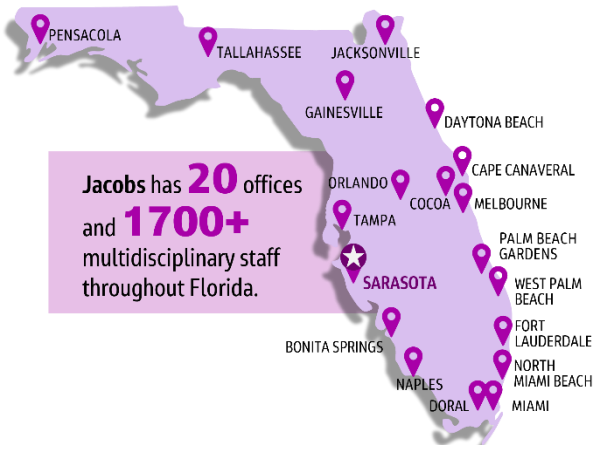
Yes. Jacobs' Sarasota office pairs regional experience and responsive, in-person collaboration with the technical depth of our national resources, including Florida's Resilience Center of Excellence, from planning through construction.

A. Jacobs' Headquarters and Local Office

Jacobs maintains a strong local presence for the Town of Longboat Key through our office at **7126 S. Beneva Road, Suite 200, in Sarasota,** staffed by engineers, planners, scientists, and technical specialists familiar with the local environmental and infrastructure priorities. Our proximity enhances in-person collaboration, responsiveness, and familiarity with regional systems. Our staff has successfully delivered projects for Manatee County, Sarasota County, the City of Bradenton, and other regional agencies. This local presence demonstrates our ongoing commitment to the communities where we live and work, and our ability to leverage our national resources to address local needs efficiently.

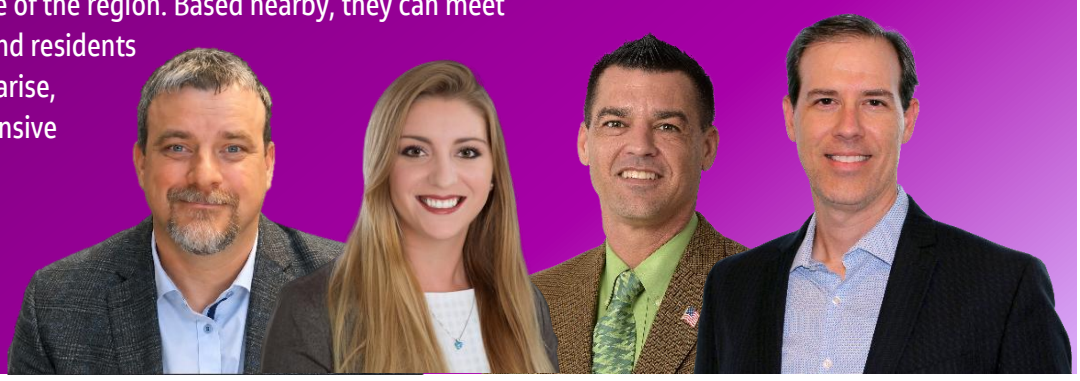
Florida is also home to the Jacobs national resilience center of excellence, ensuring access to the brightest and best technical advisors from initial planning and field investigations, all the way through the end of construction.

Jacobs' Office	Staff
Headquarters 1999 Bryan St Dallas, TX 75201	**644**
Local 7126 S. Beneva Rd, Suite 200 Sarasota, FL 34238	**12**



Local Leadership. Ready to Meet.

Project Director **Jason Montminy, ENV SP,** Project Manager **Allie Bittle, PE,** Principal-in-Charge **Chris Sharek, PE, ENV SP, PMP, BCEE,** and Resilience Lead **Jason Bird, CFM,** bring accessible leadership and strong knowledge of the region. Based nearby, they can meet with Town staff and residents as project needs arise, supporting responsive coordination and meaningful community engagement.



Tab 8

Surveys of Past Performance



PERFORMANCE SURVEY QUESTIONNAIRE

TOWN OF LONGBOAT KEY

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS DESIGN & PERMITTING

Proposer Information		Client/Reference Information
From: Michelle Collins		To: Sean Snow, PE
Company: Jacobs Engineering Group Inc.		Company: City of St. Petersburg
Phone: 813.281.7968		Phone: 727.892.5795
Email: Michelle.Collins@jacobs.com		Email: Seansnow@stpete.org

Performance Survey of (project name): Shore Acres Resiliency Infrastructure Project	
Cost of Services: $3.4 million	Date Completed: June 2026

Client:

Rate each of the criteria on a scale of 1 to 10, with 1 representing that you were very unsatisfied (and would never hire the company again) and 10 representing that you were very satisfied (and would hire the company again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank. Once completed, return survey to the Proposer.

Criteria	Unit	Score
1. Ability to manage cost	(1 – 10)	10
2. Ability to maintain project schedule (complete/on-time/early)	(1 – 10)	10
3. Quality of workmanship	(1 – 10)	10
4. Professionalism and ability to manage	(1 – 10)	10
5. Ability to effectively manage final close-out process and quality control	(1 – 10)	10
6. Ability to clearly and openly communicate with all staff and general public	(1 – 10)	10
7. Ability to resolve issues promptly	(1 – 10)	10
8. Ability to follow protocol and adherence to regulations and industry standards	(1 – 10)	10
9. Ability to maintain proper documentation	(1 – 10)	10
10. Ability to offer innovative and creative solutions	(1 – 10)	10
11. Had proper resources and personnel by which to get the project done	(1 – 10)	10
12. Ability to identify and mitigate project risks effectively and successfully	(1 – 10)	10
13. Overall client satisfaction and comfort level in hiring	(1 – 10)	10

Sean Snow

Printed Name of Reference

Sean C. Snow Digitally signed by Sean C. Snow Date: 2026.10.20 14:22:31 -04'00'

Signature of Reference

PERFORMANCE SURVEY QUESTIONNAIRE

TOWN OF LONGBOAT KEY

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS DESIGN & PERMITTING

Proposer Information		Client/Reference Information	
From:	Andrea Rocha	To:	Brian Norman
Company:	Jacobs Engineering Group Inc.	Company:	City of Bradenton
Phone:	813.281.7754	Phone:	941.245.1686
Email:	andrea.rocha@jacobs.com	Email:	brian.norman@bradentonfl.gov

Performance Survey of (project name):	Infrastructure Vulnerability Assessment and Resilience
Cost of Services: $179,907	Date Completed: September 2025

Client:

Rate each of the criteria on a scale of 1 to 10, with 1 representing that you were very unsatisfied (and would never hire the company again) and 10 representing that you were very satisfied (and would hire the company again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank. Once completed, return survey to the Proposer.

Criteria	Unit	Score
1. Ability to manage cost	(1 – 10)	9
2. Ability to maintain project schedule (complete/on-time/early)	(1 – 10)	8
3. Quality of workmanship	(1 – 10)	8
4. Professionalism and ability to manage	(1 – 10)	9
5. Ability to effectively manage final close-out process and quality control	(1 – 10)	9
6. Ability to clearly and openly communicate with all staff and general public	(1 – 10)	10
7. Ability to resolve issues promptly	(1 – 10)	9
8. Ability to follow protocol and adherence to regulations and industry standards	(1 – 10)	9
9. Ability to maintain proper documentation	(1 – 10)	10
10. Ability to offer innovative and creative solutions	(1 – 10)	8
11. Had proper resources and personnel by which to get the project done	(1 – 10)	9
12. Ability to identify and mitigate project risks effectively and successfully	(1 – 10)	9
13. Overall client satisfaction and comfort level in hiring	(1 – 10)	9

Brian Norman

Printed Name of Reference

Brian Norman 10/30/26

Signature of Reference

PERFORMANCE SURVEY QUESTIONNAIRE

TOWN OF LONGBOAT KEY

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS DESIGN & PERMITTING

Proposer Information			Client/Reference Information	
From:	Jason Montminy		To:	Ivan Dimitrov
Company:	Jacobs Engineering Group Inc.		Company:	Pinellas County Government
Phone:	813.281.7764		Phone:	727-464-3687
Email:	Jason.Montminy@jacobs.com		Email:	idimitrov@pinellas.gov

Performance Survey of (project name): Cross Bayou Estates Drainage Improvements	
Cost of Services: 330,000.00	Date Completed: Ongoing

Client:

Rate each of the criteria on a scale of 1 to 10, with 1 representing that you were very unsatisfied (and would never hire the company again) and 10 representing that you were very satisfied (and would hire the company again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank. Once completed, return survey to the Proposer.

Criteria	Unit	Score
1. Ability to manage cost	(1 – 10)	10
2. Ability to maintain project schedule (complete/on-time/early)	(1 – 10)	10
3. Quality of workmanship	(1 – 10)	10
4. Professionalism and ability to manage	(1 – 10)	10
5. Ability to effectively manage final close-out process and quality control	(1 – 10)	10
6. Ability to clearly and openly communicate with all staff and general public	(1 – 10)	10
7. Ability to resolve issues promptly	(1 – 10)	10
8. Ability to follow protocol and adherence to regulations and industry standards	(1 – 10)	10
9. Ability to maintain proper documentation	(1 – 10)	10
10. Ability to offer innovative and creative solutions	(1 – 10)	10
11. Had proper resources and personnel by which to get the project done	(1 – 10)	10
12. Ability to identify and mitigate project risks effectively and successfully	(1 – 10)	10
13. Overall client satisfaction and comfort level in hiring	(1 – 10)	10

Ivan Dimitrov

Printed Name of Reference

Signature of Reference

Tab 9

Forms



TOWN OF LONGBOAT KEY FLORIDA

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS – DESIGN & PERMITTING

SUBMITTED PROPOSAL FORM

The undersigned Proposer declares that the only person or parties interested in this RFP as principals are those named herein, that this proposal is made without any understanding, contract, or connection with any other person, firm, or corporation providing a proposal for the same purpose and that this proposal is in all respects fair and without collusion or fraud. The Proposer understands that this proposal must be manually signed in ink, otherwise it will be considered unresponsive and subject to rejection.

The undersigned Proposer represents that the Proposer accepts, and that this proposal complies with, the RFP Documents; that Proposer has carefully examined the RFP Documents for the requested services. Proposer affirms that Proposer has carefully examined the location of the requested services and, from its own investigations, is satisfied as to the nature and location of the services, the character, quality, and the quantity of materials, the kind and extent of equipment and other facilities needed for the performance of the services, the general and local conditions and all difficulties that may be encountered, and all other items which may, in any way, affect the services or its performance.

The undersigned Proposer proposes, and agrees if this proposal is accepted, that it will contract with the Town to provide all necessary machinery, tools, software, labor, apparatus, and other means necessary to do all the services, and furnish all the materials and equipment specified or referred to in the RFP Documents in the manner and time herein prescribed, and according to the requirements of the Town as therein set forth.

Under provisions of Chapter 112, Florida Statutes, Proposer must disclose with proposal the name of any officer, director, or agent who is also an employee of the Town of Longboat Key. Proposer must disclose on an attachment (provided by Proposer) entitled "Submitted Bid Conflict of Interest" the name of any Town employee who owns, directly or indirectly, a five percent (5%) or more interest in the Proposer's firm or any of its branches, or in the firm of any subcontractor to this proposal. Absence of such an attachment represents Proposer's certification of no such employee.

Proposer acknowledges receipt of the following addenda issued during the solicitation period; the cost of which, if any, is included in proposal pricing. If an addendum is issued, the addendum acknowledgement below must be completed or the issued addendum must be signed and submitted with the proposal package at the time and due date of the proposal.

Addendum #_1_ Addendum Date: _11/5/2026_____

Addendum #____ Addendum Date: _____

Addendum #_____ Addendum Date: _____

Addendum #_____ Addendum Date: _____

The undersigned Proposer understands that the Town reserves the right to reject any or all proposals and to waive any informalities and minor irregularities in any proposal. The Proposer agrees that this proposal shall be good and may not be withdrawn for a period of one hundred twenty (120) days after the scheduled RFP opening.

Having carefully examined the RFP Documents, Proposer agrees to the terms contained therein and proposes to furnish all labor, material, and equipment for the entire services (including mobilization and demobilization, if applicable), and to execute an agreement for services and any and all bonds, insurance certifications, and other instruments or documents as specified or included in the RFP Documents and will completely perform the services in strict accordance with the terms of the RFP Documents.

TOWN OF
LONGBOAT KEY

Kari L. Kennedy, CPPB
Procurement Manager
Procurement Division
501 Bay Isles Road
Longboat Key, Florida 34228
kkennedy@longboatkey.org

RFP 27-004 LONGBOAT KEY VILLAGE PHASE 4 DRAINAGE IMPROVEMENTS – DESIGN AND PERMITTING

ADDENDUM #1

Subject: REVISED BID SUBMITTAL DUE DATE; QUESTIONS AND ANSWERS

Date: November 5, 2026

ALL CONSULTANTS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING BELOW AND SUBMITTING THIS EXECUTED DOCUMENT WITH THE PROPOSAL.

Consultants are hereby notified that this Addendum shall become part of the submitted proposal and the subsequent documents, if applicable.

The following items are issued to add to, modify, and clarify the RFP and all associated documents. Proposals shall conform to the additions and revisions listed herein. These items shall have full force and effect as the RFP and all associated documents.

Consultants Name: Jacobs Engineering Group Inc.

Address: 7126 S. Beneva Rd, Suite 200, Sarasota, FL 34238

Phone : 941.915.6003

Email: chris.sharek@jacobs.com

Authorized Signature: Ellen B. Patterson

Printed Authorized Name: Ellen B. Patterson

The undersigned Proposer acknowledges that services to be performed shall conform to all Town codes and regulations. Services must be accomplished in a professional manner and meet all standards of any professional trade requiring a license and or permit.

(Authorized Signature)

Ellen B. Patterson

(Printed name)

Name of Proposer: Jacobs Engineering Group Inc.

Address: 7126 S. Beneva Road, Suite 200

City: Sarasota State: Florida Zip: 34238

Phone: 941.915.6003

Email: Chris.Sharek@jacobs.com

Type of Organization:

_____Sole Proprietorship _____Partnership _____Non-Profit _____Sub-Chapter

_____Joint Venture _X_Corporation _____LLC _____LLP

_____Publicly Traded _____Employee Owned

State of Incorporation: Delaware

Conflict Of Interest - No

Jacobs Engineering Group Inc, ("JEG") is a wholly owned subsidiary of Jacobs Solutions Inc. ("Jacobs"). The Jacobs organization has a talent force of more than 40,000 with global operating entities in 40 countries. Jacobs provides end-to-end services in advanced manufacturing, cities & places, energy, environmental, life sciences, transportation, and water. Jacobs and its related companies and affiliates form a global organization that has the technical, financial and professional qualifications and resources to deliver. The organization is subject to the periodic reporting requirements promulgated by the U. S. Securities and Exchange Commission (the "SEC") and that the Company's most recent statements are available through the SEC at www.sec.gov. JEG does not maintain a verifiable list of employees' familial or business relationships that would fully respond to this inquiry. However, on information and belief, without independent investigation, JEG has no knowledge of any such relationships that would cause a conflict of interest in the performance of the work contemplated.

ACKNOWLEDGEMENT OF FIRM, IF A CORPORATION

STATE OF Florida COUNTY OF Broward

The foregoing instruments was acknowledged before me this

November 6, 2026 By: Ellen B. Patterson |Senior Vice President
(Date) (Name of officer or agent, title of officer or agent)

On behalf of the corporation, pursuant to the powers conferred upon said officer or agent by the corporation. He/she personally appeared before me at the time of notarization and is personally known to me or has produced _____as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects.

Subscribed and sworn to (or affirmed) before me this 6th day of November, 2026

Stacey Lesser Commission Number: HH382624
(Official Notary Signature and Notary Seal)

STACEY LESSER
MY COMMISSION # HH 382624
EXPIRES: April 3, 2027

Stacey Lesser Commission expiration date: April 3, 2027
(Name of Notary typed, printed or stamped)

ACKNOWLEDGEMENT OF FIRM, IF A PARTNERSHIP

STATE OF_____COUNTY OF _____

The foregoing instruments was acknowledged before me this

_____ By:_____
(Date) (Name of acknowledging partner or agent)

On behalf of the partnership, pursuant to the powers conferred upon said officer or agent by the corporation. He/she personally appeared before me at the time of notarization and is personally known to me or has produced _____as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects.

Subscribed and sworn to (or affirmed) before me this _____

_____ Commission Number: _____
(Official Notary Signature and Notary Seal)

_____ Commission expiration date: _____
(Name of Notary typed, printed or stamped)

ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL

STATE OF_____COUNTY OF _____

The foregoing instruments was acknowledged before me this

_____ By:_____
(Date) (Name acknowledging)

Who personally appeared before me at the time of notarization and is personally known to me or has produced _____as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects.

Subscribed and sworn to (or affirmed) before me this _____

_____ Commission Number: _____
(Official Notary Signature and Notary Seal)

_____ Commission expiration date: _____
(Name of Notary typed, printed or stamped)

PUBLIC ENTITY CRIMES FORM
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

SWORN STATEMENT UNDER SECTION 287.133(3)(A), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Town Of Longboat Key
[print name of public entity]

by Ellen B. Patterson | Senior Vice President
[print individual's name and title]

For Jacobs Engineering Group Inc.
[print name of entity submitting sworn statement]

whose business address is: 7126 S. Beneva Road, Suite 200

City, State and Zip Sarasota, FL 34238

and (if applicable) its Federal Employer Identification Number (FEIN) is 95-4081636

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____.)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

   1. A predecessor or successor of a person convicted of a public entity crime: or

   2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)I, Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners,

shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the final order)

I UNDERSTAND THAT THE SUBMISSION OF THE FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN W HICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION
287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

By: _____
Signature of Authorized Representative

State of Florida

County of Broward

The foregoing instrument was acknowledged before me this 6th day of November, 2026,

by Ellen B. Patterson, who is personally known to me or has produced

_____, as identification and who did (did not) take an oath and who acknowledged

before me that he executed the same for the purposes therein expressed on behalf of said firm.

Notary Public: Stacey Lesser

My Commission Expires: April 3, 2027

STACEY LESSER
MY COMMISSION # HH 382624
EXPIRES: April 3, 2027

DRUG FREE WORKPLACE CERTIFICATION

(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

In order to have a drug free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the action that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug free workplace, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contender to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this business complies fully with the above requirements.

PROPOSER: Jacobs Engineering Group Inc.

Print Name of Entity

By: _____

Signature of Authorized Representative

Ellen B. Patterson | Senior Vice President

Printed Name and Title of Authorized Representative

November 6, 2026

Date

Drug Free Workplace Certification, page 2 of 2

State of Florida

County of Broward

The foregoing instrument was acknowledged before me this 6th day of November, 2026,

by Ellen B. Patterson, who is personally known to me or has produced

_____,as identification and who did (did not) take an oath and who

acknowledged before me that he executed the same for the purposes therein expressed on behalf of said firm.

Notary Public: Stacey Lesser

My Commission Expires: April 3, 2027



EQUAL EMPLOYMENT OPPORTUNITY
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

The Town of Longboat Key is an Equal Opportunity/Affirmative Action Employer.

Pursuant to Executive Order 11346 as amended, you are advised that under the provisions of government contracting, Contractors and Subcontractors are obliged to take affirmative action to provide equal employment opportunity without regard to race, creed, color, national origin, age or sex.

CERTIFICATION BY PROPOSED PRIME OR SUBCONTRACTOR
REGARDING EQUAL EMPLOYMENT OPPORTUNITY

This certification is authorized pursuant to Executive Order 11246, Part II, Section 203(b), (30 F. R. 12319-15). Any Proposer or prospective contractor, or any of the proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the prime or subcontractor has not filed a compliance report due under applicable instruction, such contractor shall be required to submit a compliance report.

PROPOSER: Jacobs Engineering Group Inc.
Print Name of Entity

By: _____
Signature of Authorized Representative

1. Proposer has participated in a previous contract or subcontract, subject to the Equal Opportunity Clause:

   YES X NO____

2. Compliance Reports were required to be filed in connection with such contract or subcontract:

   YES X NO____

   If YES, state what reports were filed and with what agency. EEO-1 reports filed with the EEOC

3. Proposer has filed all compliance reports due under applicable instructions:

   YES X NO____

MINORITY BUSINESS STATEMENT OF GOOD FAITH EFFORTS
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

The Legislature finds that there is evidence of a systematic pattern of past and continuing racial discrimination against minority business enterprises and a disparity in the availability and use of minority business enterprises in the state procurement system. It is determined to be a compelling state interest to rectify such discrimination and disparity. Based upon statistical data profiling this discrimination, the Legislature has enacted race-conscious and gender-conscious remedial programs to ensure minority participation in the economic life of the state, in state contracts for the purchase of commodities and services, and in construction contracts. The purpose and intent of this section is to increase participation by minority business enterprises accomplished by encouraging the use of minority business enterprises and the entry of new and diversified minority business enterprises into the marketplace. (Section 287.09451, Florida Statutes)

The Proposer states that an endeavor to meet the minority business enterprise procurement goals under Section 287.09451, Florida Statutes for all Town projects as assigned will be met.

PROPOSER:

Jacobs Engineering Group Inc.

Print or type name of entity

By: 

Signature

Ellen B. Patterson

Print or type name

Senior Vice President

Print or type title

November 6, 2026

Date

HUMAN TRAFFICKING AFFIDAVIT - S. 787.06, FLORIDA STATUTES

(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

Before me, the undersigned authority, personally appeared Ellen B. Patterson , hereinafter referred to as the "Affiant," who after being duly sworn hereby swears or affirms as follows:

1. Affiant is over eighteen years of age. The following information is given from Affiant's own personal knowledge.

2. Affiant is an officer or representative of Jacobs Engineering Group Inc. , a non-governmental entity, hereinafter referred to as the "Entity." Affiant is authorized to provide this affidavit on behalf of the Entity.

3. Affiant hereby attests, under penalty of perjury, that the Entity does not use coercion for labor or services as defined in s.787.06, Florida Statutes.

FURTHER AFFIANT SAYETH NOT.

Signature of Affiant

By: Ellen Patterson

For: Jacobs Engineering Group Inc.

As its: Senior Vice President

Dated: November 6, 2026

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 6th day of November, 2026, by Ellen B. Patterson, on behalf of Jacobs Engineering Group Inc., who is personally known to me or who has produced _____ as identification.

STACEY LESSER
MY COMMISSION # HH 382624
EXPIRES: April 3, 2027

Print Name: Stacey Lesser
Notary Public of the State of Florida

My Commission Expires: April 3, 2027

AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS
(MUST BE COMPLETED AND SUBMITTED WITH PROPOSAL)

The undersigned, on behalf of the contractor listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source: § 287.138(2)(a), Florida Statutes)

2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source: § 287.138(2)(b), Florida Statutes)

3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)

4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source: § 288.007(2), Florida Statutes)

5. Entity is not a partnership, association, corporation, organization, or other combination or persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source:§ 288.007(2), Florida Statutes)

6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(1), Florida Statutes)

7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.

8. (Only applicable if purchasing real property) Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source: §§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)

9. The undersigned is authorized to execute this affidavit on behalf of the Entity.

Date: _November 6, 2026 Signature: Ellen B. Patterson

Entity: _ Jacobs Engineering Group Inc._____ Name: __Ellen B. Patterson_____

Title: _Senior Vice President__

State of _Florida, County of _Broward

The foregoing instrument was acknowledged before me this _6th_____ day of __November 2026 who is personally known to me or as produced as identification and who did (did not) take an oath and who acknowledge before me that he executed the same for the purposes therein expressed on behalf of said corporation.

NOTARY PUBLIC: Stacey Lesser

Typed Name: Stacey Lesser

Commission Expires: April 3, 2027

STACEY LESSER
MY COMMISSION # HH 382624
EXPIRES: April 3, 2027

Form **W-9**
(Rev. March 2024)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give form to the requester. Do not send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See ***Specific Instructions*** on page 3.

1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)

JACOBS ENGINEERING GROUP INC.

2 Business name/disregarded entity name, if different from above.

3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor ☑ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate

☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) . . . . .

Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.

☐ Other (see instructions)

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any)

(Applies to accounts maintained outside the United States.)

3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions . . . . . ☐

5 Address (number, street, and apt. or suite no.). See instructions.

1999 Bryan Street Suite 3500

6 City, state, and ZIP code

Dallas, TX 75201

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

9	5	–	4	0	8	1	6	3	6

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person** [signature] **Date** October 22, 2026

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

Jacobs

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