

CITY OF HOLLYWOOD

STORMWATER PROGRAM MANAGEMENT

RFQ-320-25-JJ



GFT

Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.)



July 10, 2025

Hugo Davalos, Senior Project Manager
City of Hollywood, Department of Public Utilities
2600 Hollywood Boulevard
Hollywood, FL 33020-4807

RE: STORMWATER PROGRAM MANAGEMENT, RFQ-320-25-JJ

Dear Mr. Davalos:

The City of Hollywood is poised to embark on one of its most consequential infrastructure initiatives—implementing the recently completed Stormwater Master Plan (SWMP). This program demands action in the face of rising challenges: chronic flooding that disrupts daily life, rising seas that endanger our coastlines and groundwater, aging infrastructure that was built for a different environment, and a growing call from the community for transparency and meaningful engagement.

Our understanding is initial Program cost associated with stormwater infrastructure improvements is anticipated to cost \$300M over the next 10 years—requiring a nimble, experienced partner who can drive prioritized project implementation, in alignment with the SWMP, seamlessly integrate design and permitting, and lead with clarity and public trust.

Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.) is your ideal partner to meet this moment with the local expertise that understands your infrastructure and the environmental challenges our community faces. We offer the City of Hollywood:

Proven Program Management Expertise

We have managed multi-billion-dollar utility and infrastructure programs in Florida and nationally, including the \$1.8B Surface Water Supply Program for the West Harris County Regional Water Authority, Ocean Outfall Legislation (OOL), and the Consent Decree (CD) Program for Miami-Dade Water and Sewer Department (MDWASD)—each requiring alignment with utility goals and objectives, rigorous program controls, strategic planning and prioritization, and critical stakeholder coordination. Our structured and adaptable program delivery model includes tools for schedule optimization, task order management, quality oversight, and budget control.

Deep Understanding of Local Conditions and Priorities

Our South Florida-based team includes engineers, permitting specialists, and program managers (PgMs) who understand the regional regulatory landscape, permitting challenges, and hydrological realities—having already worked with the City of Hollywood on utility relocations under the General Engineering Contract (GEC) and with neighboring municipalities on stormwater pump station and drainage projects like the Lake Belmar Pump Station in Miami-Dade County.

Dedicated Key Personnel with Relevant Experience

Leading our team as PgM is Yurfa Glenn, PMP, ENV SP, who has overseen more than \$1B in program delivery across Florida, and oversees a locally-based bench of engineers and project specialists with experience in project implementation including planning, design, permitting, cost estimating, procurement, construction management services, and public engagement. She will be supported by

Deputy PgM Lilian Marrero, PE, ENV SP, a Florida-licensed engineer with more than 14 years of experience managing complex water infrastructure programs. Our PgMs are further supported by a core team of local, experienced engineers and professional staff who bring decades of program and project management experience.

Client-Focused Delivery with Immediate Capacity

We offer a “smart start” approach that provides early alignment with the City’s priorities—rapid project mobilization, cost-effective design execution, public satisfaction, and implementation of asset management best practices. With robust internal capacity and flexibility to scale, we can support the City’s full project pipeline, including urgent capital improvements and interim projects within this program.

Why Select GFT

We recognize the City’s need for a trusted partner, not just a service provider—but one who will help establish stormwater design standards, prioritize implementation in alignment with budget and funding, and uphold transparency with stakeholders. Our track record, systems, and staff, many of which call Florida home, are aligned with the vision the City has for its future: resilient, well-managed, and community-focused infrastructure.

We appreciate the opportunity to serve the City of Hollywood and look forward to contributing to the successful implementation of this vital program. Please contact me at 305.389.3728 or yglenny@gftinc.com with any questions.

Sincerely,



Yurfa Glenny, PMP, ENV SP
Vice President

Corporate Address: 800 NW 62nd Avenue, Suite 490, Miami, FL 33126
State of Incorporation: Delaware

On May 30, 2025, Gannett Fleming, Inc. began the process of legally changing its name to GFT Infrastructure, Inc. This name change does not impact the entity’s corporate structure or obligations. The Federal Employer Identification Number (FEIN) remains the same. As a Vice President of the firm, I am duly authorized to contractually bind the business entity. Evidence of my authority to sign is provided on the following page.

SELECTION CRITERIA

- ▶ **Firm Qualifications and Experience.** GFT has been implementing multidisciplinary solutions for Florida’s infrastructure for 70+ years and supporting municipal clients across the country for 100+, including program management contracts within the last five years.
- ▶ **Organizational Profiles and Project Team Qualifications.** Our local team is qualified and experienced, offering a high level of professionalism, commitment, and quality to the overall program and tasks assigned within. We have the resources to match program-specific challenges.
- ▶ **Approach to Scope of Work.** Our proven approach to program management allows for effective schedule optimization, task order management, quality oversight, and budget control.
- ▶ **Past Performance and References.** We bring extensive similar experience in program management, stormwater management, and engineering design of related infrastructure, such as pump stations and stormwater conveyance. Our resumes and projects include descriptions of this project work.
- ▶ **Value of Past Contract Awards by the City in the Last 5 Years.** We began work on the GEC last year which has included \$400K in task orders to date.
- ▶ **Location of Consultant Office Management Project.** GFT and our teaming partners have offices within 20 miles of the City of Hollywood.



Gannett Fleming, Inc.
Now known as GFT Infrastructure, Inc.
300 Sterling Parkway, Suite 200
Mechanicsburg, PA 17050
P 717.763.7211 | F 717.763.8150

CERTIFICATION

I, LEA A. SCHMOLZE, certify that I am Assistant Secretary of Gannett Fleming, Inc., now known as GFT Infrastructure, Inc. as of May 30, 2025 (the "Corporation"), a corporation duly organized and existing under the laws of the State of Delaware, and hereby further certify that the Corporation's Board of Directors:

By Unanimous Written Consent in lieu of a Meeting of the Board of Directors, effective June 30, 2024:

RESOLVED, that the following be elected as officer of Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.), to hold their office for such terms and shall exercise such powers and perform such duties as determined by the Board of Directors and the Bylaws:

YURFA L. GLENNY

VICE PRESIDENT

By Unanimous Written Consent in lieu of a Meeting of the Board of Directors, effective December 20, 2022:

RESOLVED, that a duly elected VICE PRESIDENT shall have signing authority to execute bids, bonds, contracts, and other documents in the name and on behalf of the Corporation and represent the Corporation in official matters for work and services.

Said resolutions have not been amended or rescinded and remain in full force and effect as of this date.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Corporation this 19th day of June 2025.




LEA A. SCHMOLZE, Assistant Secretary

TAB A

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Requested Modifications to RFQ Language	<i>Included in this Section</i>
A - Form 1 - Submittal Checklist Form	<i>NOT REQUIRED</i>
B - Form 2 - Acknowledgment and Signature Page	<i>Completed in OpenGov</i>
C - Form 4 - Vendor Reference Form	<i>Uploaded in OpenGov, Included in this Section</i>
D - Form 5 - Hold Harmless and Indemnity Clause	<i>Completed in OpenGov</i>
E - Form 6 - Non-Collusion Affidavit	<i>Completed in OpenGov</i>
F - Form 7 - Sworn Statement Public Entity Crimes	<i>Completed in OpenGov, Included in this Section</i>
G - Form 8 - Certifications Regarding Debarment, Suspension and Other	<i>Completed in OpenGov</i>
H - Form 9 - Drug-Free Workplace Program	<i>Completed in OpenGov</i>
I - Form 10 - Solicitation, Giving, and Acceptance of Gifts	<i>Completed in OpenGov</i>
J - Form 11 - W-9	<i>Uploaded in OpenGov, Included in this Section</i>
Form 14 - List of Subcontractors	<i>Uploaded in OpenGov, Included in this Section</i>
Certificate of Insurance	<i>Uploaded in OpenGov, Included in this Section</i>
Proposal Form	<i>NOT REQUIRED</i>

TAB B

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

B.1. WHY GFT

The City of Hollywood is seeking a qualified consultant to provide comprehensive program management services to implement its SWMP, acting as the City's representative, managing and executing project planning, design, procurement, construction, and community engagement over a 10-12 year program duration. Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.) brings both large program management experience and engineering expertise, but also understands the challenges innate to Florida infrastructure, regulations, and policy drivers. For more than 70 years, GFT has partnered with Florida state and local government agencies to build and sustain its communities. GFT embraces sustainability and innovation in our projects and day-to-day activities, achieving results while being responsible stewards of their environment. Backed by more than a century of experience, we are building a lasting legacy for future generations: stronger communities, a healthier planet, and better lives.

- ★ **By selecting GFT, the City will partner with a committed, local team of professionals proven to be responsive, focused on efficient execution, with a high commitment to quality and successful program delivery. We stand ready to help the City improve its stormwater infrastructure in support of a safe, resilient future for its community.**

Basic Company Information

Company Name: Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.)

Primary Contact: Yurfa Glenn, PMP, ENV SP,
Program Manager
800 NW 62nd Avenue, Suite 490, Miami, FL
33126-1233
305.389.3728
yglenny@gftinc.com

B.1.1. KEY SOQ ELEMENTS

- ▶ **Meets Minimum Qualifications.** GFT meets the RFQ's minimum requirements and will use its extensive similar experience and proven tools, technologies, and processes to efficiently manage the program while minimizing impacts to the environment, existing utilities, and the public.
- ▶ **Large Program Management Experience.** GFT and its team members bring experience overseeing multi-billion dollar programs. Leveraging this expertise, we will offer innovative ideas and proven delivery to address the City's critical infrastructure needs.
- ▶ **Highly Qualified Key Personnel.** GFT's proposed key personnel and qualified professionals in program management, stormwater design, and utility infrastructure bring a wealth of knowledge and experience to solve the most complex challenges from technical to governance. Our local, integrated team has extensive experience working throughout the State of Florida, performing program management and stormwater infrastructure design for the City, South Florida Water Management District (SFWMD), Florida Department of Transportation (FDOT), MDWASD, Miami Dade County Department of Transportation and Public Works (DTPW), North Bay Village, Broward County Aviation Department.
- ▶ **Consistent, Client-Focused Plan and Proven Approach.** Our structured and adaptable program delivery model provides a smart start and includes tools for schedule optimization, task order management, quality oversight, and budget control.

B.2. BUSINESS INFORMATION

B.2.1. Business Entity

Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.) is a corporation legally licensed to perform such work (*Sunbiz #P26734; FL Department of Business & Professional Regulation #5564*). **Throughout our proposal, we demonstrate how we have successfully completed services, as specified in the Scope of Work/Services section of this solicitation.**

B.2.2. Firm Background

GFT brings more than a century of experience delivering essential water and wastewater infrastructure, including stormwater across South Florida, as well as across the U.S. and overseas. Our local Miami office of 73 professionals has supported the region since 1993 and is backed by more than 5,000 professionals across the firm. GFT has earned a national reputation for excellence in engineering, architecture, planning, and transportation infrastructure. Our multidisciplinary team supports clients across the full project life cycle—from concept through construction—delivering integrated, cost-effective solutions that balance innovation with constructability. As a result, we are consistently ranked in the top 10 percent of *Engineering News-Record's (ENR) Top 500 Design Firms* list, currently holding the No. 18 spot.

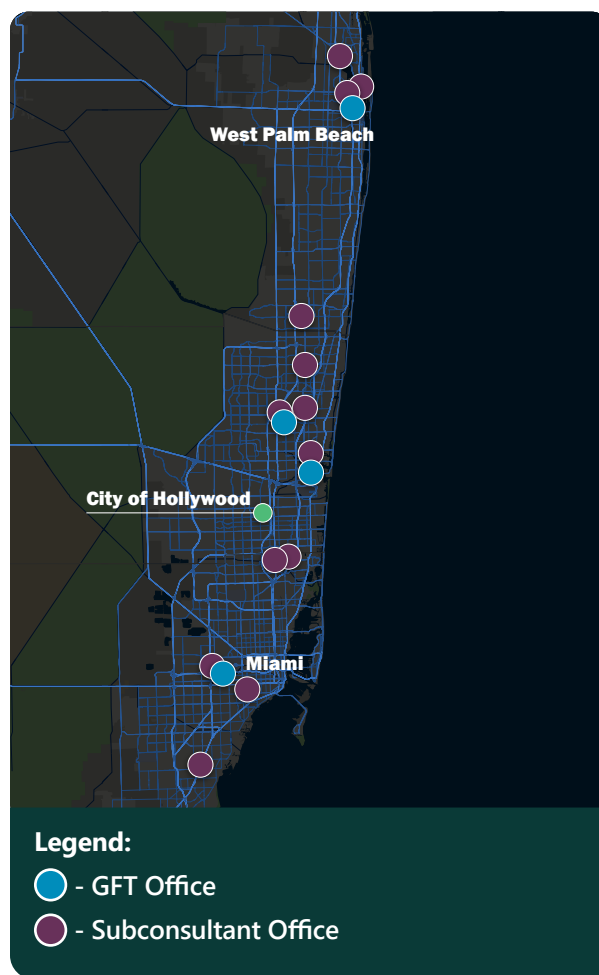
B.2.3. Office Locations

GFT's headquarters is in Mechanicsburg, Pennsylvania; however, offices to service this contract are in South Florida. Our offices in Miami, Fort Lauderdale, and West Palm Beach are staffed by qualified professionals, many with more than 20 years of experience working on related projects in Florida. Work under this contract will primarily be performed out of our Miami office.

B.3. OFFICERS, PRINCIPALS, SUPERVISORY STAFF & KEY INDIVIDUALS

To assist the City with the technical expertise needed to address its Stormwater Program, GFT structured our team to include experienced, qualified engineers and program management

Figure B-1. Office Location for GFT Program Management Team. GFT's Miami office will serve as the main office and office location that will service the Contract.



professionals who offer innovative, comprehensive solutions that address regulatory requirements and promote resilient solutions.

Our core team alone averages more than 24 years of relevant experience and includes 11 Florida-registered Professional Engineers. Most of our team's management and leadership are based in Miami or other South Florida offices. We have several officers/principals, or Vice Presidents on our team—Yurfa Glenny and Kyle Logue, our Program Manager and Director, as well as Martin Benzaquen are Vice Presidents of the firm and will have direct involvement in the Program. On the following pages, we have provided a brief overview of our key personnel, their roles, location, and the value they bring to the City.

DEDICATED LEADERSHIP TEAM AND KEY STAFF



Yurfa Glenny, PMP, ENV SP
Program Manager



Lilian Marrero, PE, ENV SP
Deputy Program Manager



Kyle Logue, PE
Program Director

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**KEY STAFF WITH
FLORIDA PEs**

24

**AVERAGE YEARS OF
RELEVANT EXPERIENCE**



**13 OUT OF 15 KEY STAFF
LOCATED IN FLORIDA**

Table B-1. Key Personnel. We selected team members based on their extensive experience and qualifications, as well as their local knowledge to provide high-quality services for this Program.

Key Staff, Role, Office Location		Benefit to the City of Hollywood
	Yurfa Glenny, PMP, ENV SP Program Manager, Primary Contact Miami, FL	Proven record of reliable program management for Capital Improvement Project (CIP) portfolios valued over \$1B+ on infrastructure improvements, including with the City of Hollywood from 2009-2013.
	Lilian Marrero, PE, ENV SP Deputy Program Manager Miami, FL	Experienced technical leadership in managing complex stormwater and utility infrastructure projects from design through construction.
	Kyle Logue, PE Program Director; Grant Funding Virginia Beach, VA	Established expertise managing large-scale stormwater programs for coastal clients, including HRSD, the City of Virginia Beach, and the City of Norfolk.
	Rashmi Koul Program Controls Lead Miami, FL	Experienced in program controls for large-scale CIP and CD programs, with a focus on cost management, schedule oversight, and producing KPI-driven reports and dashboards to support informed decision-making.
	Bryant Facey, PE Program Planning/Design Lead Miami, FL	Brings \$100M+ in project experience with strengths in QA, compliance, and client engagement to support effective planning and design.

Key Staff, Role, Office Location	Benefit to the City of Hollywood
 Martin Benzaquen, PE, ENV SP Construction Program Lead Miami, FL	Brings \$500M+ in experience managing construction, engineering & inspection (CEI), scheduling, and claims for major civil projects, with a strong record leading public agency teams across South Florida.
 Carolina Cubides, PE, PMP Stakeholder Liaison & Community Support Miami, FL	Experience coordinating stakeholders and agencies along disciplines, with a strong track record fostering transparency and trust on major projects throughout South Florida.
 Eddie Alperh-Doku, PE, ENV SP, DBIA Program Advisor New York City, NY	Strategic advisory from two decades of national program management experience—most recently leading wastewater and stormwater capital programs in Buffalo, NY and Prince William County, VA, totaling more than \$1.5B.
 Ohan Oumoudian GIS & Data Management Miami, FL	Global geospatial expertise to architect and deliver innovative, scalable GIS solutions that enhance infrastructure planning, asset management, and operational efficiency.
 Keisha Westbrook, PE Stormwater Conveyance & Pipelines Miami, FL	Delivers complex conveyance and drainage projects compliant with all regulations, backed by recent leadership on City of Hollywood and FDOT initiatives.
 Alina Fernandez, PE Stormwater Conveyance & Pipelines Miami, FL	Strong understanding of FDOT standards and liaison for maintenance of traffic and roadway restoration.
 David Boyer, PE, CFM H&H Modeling Maitland, FL	Brings expertise in stormwater modeling, drainage design, and permitting, with leadership on FDOT and Hollywood tidal flooding studies.
 Sheyla Pastora H&H Modeling Miami, FL	10+ years of H&H modeling and drainage design experience, with knowledge of FDOT and local regulations.
 Jorge Orozco, PMP Construction Manager Miami, FL	Extensive knowledge of local Florida regulations to maintain consistency and compliance across contracts.
 Ernesto Marin Construction Manager Miami, FL	Multi-million-dollar project experience across South Florida verifying construction services are completed in accordance with design plans and specifications.



TAB C

FIRM QUALIFICATIONS AND EXPERIENCE

FIRM QUALIFICATIONS AND EXPERIENCE

Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.) meets the minimum requirements and will use our similar experience and proven tools, technologies, and processes to efficiently execute comprehensive, quality program management services for the City, helping to improve the resiliency of your infrastructure and the communities you serve.

C.1. MINIMUM QUALIFICATIONS

Our program management professionals offer strategic oversight and integrated management solutions for large-scale and complex projects and portfolios. We align project objectives with business goals, verifying efficient resource allocation, timely delivery, and optimal performance. **Bringing nearly 50 years of program management experience**, our team is your strategic partner, offering insights and expertise to navigate challenges and seize opportunities.

Key Features:

- **Strategic Planning:** Aligning projects with your long-term objectives for sustainable success.
- **Integrated Solutions:** Coordinating multiple projects to deliver cohesive, high-value outcomes.
- **Performance Optimization:** Leveraging innovative tools and methodologies to enhance efficiency and effectiveness.

We are normally and routinely engaged in performing the services required under this program, including engineering planning, design, and construction phase services for stormwater and related utility infrastructure. We further detail our program management and stormwater capabilities in **Section C.3** below. Additionally, we are properly and legally licensed to perform the work as detailed to the right in **Section C.2.2**.

Basic Company Information

Company Name: Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.)

Website: gftinc.com

Primary Contact: Yurfa Glenny, PMP, ENV SP
800 NW 62nd Avenue, Suite 490, Miami, FL 33126-1233

(p) 305.389.3728 | (f) 717.763.8150
yglenny@gftinc.com

C.1.1. Conflict of Interest

GFT does not have a conflict of interest with regard to any other work performed for the City.

C.2. FIRM INFORMATION

C.2.1. Business Structure

GFT is a Corporation, incorporated in Delaware.

C.2.2. Registered as a Legal Entity in the State of Florida

On May 30, 2025, Gannett Fleming, Inc. began the process of legally changing its name to GFT Infrastructure, Inc. This name change does not impact the entity's corporate structure or obligations. The FEIN remains the same. The firm is a registered engineering firm licensed with the state of Florida (*License No. 5564; Original License Date: January 23, 1990; Status: Current*). We are actively registered with the Florida Department of State, Division of Corporations. Additionally, our

team includes individuals who are also licensed to provide engineering services in the State of Florida. **Information for all current, relevant licenses and registrations are included in staff resumes under Tab D as well as the Required Forms section.**

C.2.3. Years in Business

GFT has provided water resource engineering services throughout Florida since the early 1950's and throughout the U.S. for 110+ years. In just the last 10 years, we provided engineering and CEI services on more than 60 water resource projects for Florida clients including the City of Hollywood, Jacksonville Electric Authority (JEA), Tampa Bay Water, City of Tampa, St. Johns River Water Management District (SJRWMD), and SFWMD.

C.2.4. Relative Size of Firm

GFT brings more than a century of experience and deep technical expertise with more than 5,000 professionals—including 780 registered professional engineers. To provide the highest quality of service, our team features Florida licensed professionals supported by a group of highly qualified program management, stormwater, and technical staff. Our most recent employee numbers are provided in the **Table C-1**.

C.3. EXPERIENCE WITH SCOPE OF WORK/SERVICES

C.3.1. Program Management

GFT is more than PgMs, engineers, and construction managers—we are trusted advisors, committed partners, and industry thought leaders passionate about making a difference. Our holistic approach combines technical excellence with a deep understanding of our clients' vision, delivering solutions that not only meet but redefine industry standards.

Delivering programs requires a structured, mid-long term approach to deliver multiple projects efficiently and strategically aligned to the SWMP and the funding schedule. As PgM, our team has been working with municipal and state agencies to verify program objectives are met, including improving reliability, meet regulatory and environmental compliance, maximize cost effectiveness, extend the life of aging infrastructure,

Table C-1. Employee Resources. With 5,000+ professionals, GFT has the capacity and resources to successfully deliver services under this contract.

Classification	Total
Project Management	894
Technical Staff	3,955
Support/Administrative Staff	465
Total	5,314

enhance community quality of life and protect public health and the environment. Engineers and construction inspectors collaborate closely with our clients' leadership, operations and procurement teams, and regulatory bodies to verify timely and compliant project execution.

We have experience with various document control platforms including Proliance, SharePoint, and e-Builder to streamline processes, enhance communication, and minimize project risks. Through workshops and strategic planning, we helped develop robust program frameworks tailored to our clients' needs.

Our program management experience includes rigorous oversight, from initial engineering verification through design development and risk management, verifying milestones are met. We also provide overall project management and project prioritization throughout the program. During construction, our managers oversee contractors to maintain compliance with contract documents, manage safety requirements, monitor progress, and handle change orders. Our ability to manage projects effectively is critical to meeting the compressed deadlines and maintaining a program's long-term success.

GFT and/or members of our team are currently or have previously served as PgM or part of a program management team for the following:

- MDWASD (CD) - \$1.9B Program (ongoing)
- MDWASD (OOL) - \$3B Program (ongoing)
- City of Baltimore (ongoing)
- West Harris County Regional Water Authority (ongoing)
- DC Water (ongoing)

- City of Richmond Long Term Control Plan (ongoing)
- Prince William Water
- Buffalo Sewer Authority CD
- HRSD SWIFT

C.3.2. Stormwater Design and Management

GFT has more than 50 years of experience in stormwater management, offering innovative, balanced solutions that extend far beyond traditional gray infrastructure. As a recognized leader in low-impact development (LID), we strive to integrate robust infrastructure into communities using hydrologic, hydraulic, and water quality modeling to improve our urban waterways while supporting climate-resilient planning. This expertise spans the full lifecycle of stormwater including planning, design, and construction. Through this lens we can see that stormwater runoff is both a valuable resource and a potential challenge, and we will work closely with you and your teams to deliver resilient, future-ready solutions tailored to your unique needs.

Our approach is grounded in technical excellence and powered by cutting-edge tools. We use advanced GIS and integrated data management platforms to enable spatially precise planning,

seamless data integration, and informed decision-making. These capabilities allow us to simulate complex stormwater scenarios, evaluate infrastructure performance under future climate conditions, and design systems that are both effective and adaptable. By performing these services in-house—from planning and compliance to design and implementation—we provide greater project control, higher quality, reduced risk, and adherence to schedule and budget.

We will also have experience navigating the complex and ever-evolving regulatory landscape, a core strength of GFT. We do this by maintaining a current understanding of federal, state, and local regulations using our extensive experience working with agencies such as the U.S. Environmental Protection Agency (EPA), National Oceanic and Atmospheric Administration (NOAA), Florida Department of Environmental Protection (FDEP), SFWMD, and local authorities including Miami-Dade County Department of Environmental Resources Management (DERM) and Broward County. This expertise spans key legislation such as the Clean Water Act, Total Maximum Daily Loads (TMDLs), the National Pollutant Discharge Elimination System (NPDES), U.S. Army Corps of Engineers (USACE) wetland permits, and Federal Emergency Management Agency (FEMA) floodplain regulations. Our regulatory insight allows us to anticipate changes and advise you proactively to maintain continued compliance while minimizing project delays.

Figure C-1. Stormwater Service Categories. Supporting out technical capabilities and qualifications to manage the Stormwater Program, GFT brings understanding of and experience in stormwater site design, programming, and operation & maintenance (O&M).

Site Design	Stormwater Programming	Infrastructure O&M
Site-specific land development or stormwater management features ▪ Drainage design (pump stations & conveyance) ▪ Green infrastructure ▪ Stormwater basin retrofit ▪ Post-construction stormwater management	Strategies to meet long-term stormwater goals for a municipality, a campus, or a factory ▪ Spill prevention plans ▪ Permit compliance reports ▪ Financing and grants	Routine activities to support function of a storm sewer and stormwater control structures ▪ O&M plans ▪ Pipe inspection ▪ Storm sewer clean-out

Using this combined expertise with our deep knowledge of your system means we can track changing trends in the regulatory framework at every level to advise you and your team on how these changes will affect this program and each of your projects before they happen.

GFT's stormwater work spans each critical infrastructure sector including energy, water, waste, transportation, and air. Our multidisciplinary experience contributes to our consistent recognition by *ENR* as one of the nation's Top Green Design Firms. As a charter member of the Institute for Sustainable Infrastructure, we have played a key role in developing and maintaining a universal rating system for civil infrastructure. This commitment to sustainability and innovation is embedded in every project we undertake, verifying that our solutions are not only technically-sound but also socially and environmentally responsible.

As your Stormwater PgM, GFT is committed to achieving your goals within budget and regulatory requirements. We bring a collaborative, forward-thinking approach to every engagement, combining deep technical knowledge with a clear understanding of your system and community priorities. Whether addressing immediate infrastructure needs or planning for long-term resilience, we deliver high-quality, cost-effective solutions that meet today's challenges while preparing for tomorrow's opportunities

GFT excels at envisioning and delivering stormwater solutions that go beyond traditional gray infrastructure. As a leader in innovative LID for stormwater management our approach is strengthened by advanced GIS capabilities and integrated data management systems, enabling spatially precise planning, seamless data integration, and informed decision-making. ***As your partner, we will use these capabilities to empower communities to build smarter, more resilient infrastructure aligned with your sustainability, equity, and climate adaptation goals.***

C.3.2.1. Asset Management

We help clients migrate to proactive, long-term, and sustainable approaches to asset management. Asset inventory is the first step in building an effective asset management program. We harness the power of technology to identify each of your stormwater assets. Using drone technology and geospatial information, we develop real-time GIS maps that:

- Eliminate outdated paper maps.
- Increase accuracy and efficiency.
- Aid in communication and knowledge transfer.

Condition assessments also are a critical component of an effective asset management program. GFT can determine how clients' assets are performing, their remaining useful life, the risk associated with each, and repair and replacement costs. This information will become the foundation upon which a compelling business case for stormwater investments may be built. Armed with complete inventory and condition data, we can help clients build a formal asset management program. Once in place, this program can drive informed decisions and become the cornerstone of your stormwater capital program.

C.3.2.2. Resiliency

Climate change and resiliency are an important part of our strategy. GFT has more than 120 professionals with Envision Sustainability Professional (ENV SP) certifications issued by the Institute for Sustainable Infrastructure (ISI) providing solutions that integrate sustainability and resiliency considerations in our projects. Our diverse team includes leaders from throughout our multi-disciplinary firm who are at the ready to support our clients with the tools, services, and specialized expertise necessary to prepare and recover from a disaster. Our approach to resiliency goes hand-in-hand with sustainability.

By protecting, improving, and strengthening systems and infrastructure, we can address emerging risks with forethought and efficiency and improve a facility, system, or organization's ability to rebound and recover from an event.

C.3.2.3. Grant Funding

GFT is dedicated to assisting clients through the grant lifecycle, from opportunity identification and application development to award management and closeout. With extensive experience with a wide variety of federal and state programs, our dedicated in-house team specializes in grant application development, administration, and compliance services. GFT has managed more than 300 grant-funded projects.

Our research- and stakeholder-focused approach to grant application packages helps government agencies and authorities meet their objectives in the face of limited budgets and competitive funding pools, and our ability to provide compliance assistance enables clients to avoid unnecessary delays in funding. **Our team will provide the right balance of project management to technical services to make certain that each step of the Alternative Grant lifecycle is completed successfully.**



C.4. RELEVANT PROJECTS

We understand that this Program Management contract will affect multiple long-term and urgent CIPs, such as drainage/street improvements, outfalls, stormwater conveyance and pump stations, etc., some of which are in residential/commercial and congested areas. Relevant project experience can be found at the end of this section. Vendor Reference Forms for select projects can be found under **Tab G**.

FUNDING AND RESILIENCY

Dozier's Corner Pump Station | HRSD



Project Objectives: The Dozier's Corner Pump Station replacement project aims to enhance community resilience and improve local infrastructure by replacing the existing station outside of the current floodplain. GFT developed a preliminary engineering report and alternatives analysis and is currently providing design-phase services for this project.

Funding Sources: The Dozier's Corner Project serves as a prime example of GFT's successful grant application strategy. Our team secured funding from the VA DCR CFPF grant program, showcasing how infrastructure projects can receive funding effective resource mobilization strategies.

Project Outcomes: The outcomes of this project include increased accessibility during emergencies, flood proofing, and measurable improvements in level of service for wet weather events.

Consent Decree Program Management and Construction Management (PMCM) Services

MDWASD, Miami-Dade County, FL



RELEVANT FEATURES:

- Program Management
- Project Management & Coordination
- BOD Report
- Mechanical Design
- Electrical & Controls Design
- Permitting
- Regulatory & Stakeholder Coordination
- Construction Management
- Construction Inspection
- Bidding/Award Services
- Bid Documents

MDWASD entered into a federally mandated CD with the EPA and FDEP to implement improvements to its wastewater collection and treatment system, totaling approximately \$1.9B over 15 years.

As a subconsultant, GFT is providing qualified project managers, construction managers, engineers, and construction inspectors for the implementation of rehabilitation and improvement projects. The GFT team actively engages with MDWASD's operations, procurement, and management teams to oversee permitting agencies' requirements and to plan and manage design consultants and contractors. Other general responsibilities included piloting of solids handling equipment, providing and maintaining reporting requirements for the client, regulators, and stakeholders; meeting with stakeholders and regulators as required for the projects; and updating and managing the project schedule milestones to adhere to CD requirements.

MDWASD's overall objectives for the CD Program consist of the following:

- Quick integration of PMCM team with the County and its processes
- Comprehensive management of the program lifecycle and capital budget expenditure
- Managing and meeting CD deadlines
- Controlling budget constraints and change control
- Implementation of program management tools and procedures
- Implementation of effective knowledge transfer/succession plans

At the initiation phase of the program, implementation consisted of developing the program framework to validate CD projects, design delivery framework, quality management, program controls (program schedule and budget management), document control, permitting framework, design standards, construction management framework, regulatory compliance framework, and program closeout. GFT played an important role in the development and implementation of the program framework tailored to MDWASD. Workshops were organized to determine the necessary tools and processes for managing the different phases during pre-construction and construction. Client specific tools, such as Proliance, SharePoint, and e-Builder were selected as platforms for document control.

Each assigned project includes preliminary engineering verification, development of scope of work for full engineering design, evaluating design consultant scope and fees, assisting client in negotiation of scope and fees

GFT forms part of the PMCM selected to provide professional services for the programmatic implementation of the CD, which consists of 82 capital projects at three large wastewater treatment plants (WWTPs), 33 pumping stations, and several major pipeline replacements. All projects are fast-tracked due to very tight CD-mandated deadlines.

with design consultant, managing project and risks, overseeing engineering design submittals by design consultant, including quality management, overseeing permitting activities, coordination with MDWASD Procurement, bid evaluations, and assisting during contract award process. During the construction phase, construction managers are responsible for managing the contractors to adhere to contract documents, manage submittal reviews, evaluate and initiate change order process, monitor health and safety requirements, report progress, and document control.

GFT played an important role in the development and implementation of program framework, including regulatory compliance framework. General responsibilities include:

- Providing and maintaining reporting requirements
- Meeting with regulators for projects assigned to the GFT team, including as-needed participation with external stakeholders
- Close collaboration and coordination with MDWASD's operations, maintenance, engineering, and procurement
- Verifying regulatory and permitting requirements are coordinated, preparing/reviewing permit applications, and securing pre-approvals for all assigned projects. Permitting agencies involved include:
 - **Local Building Departments** – For these projects, the project team dealt with the Building Departments for the City of Miami, Miami-Dade County, and City of North Miami. The team was required to dry-run all design projects so that permits were ready to be pulled without technical complications by selected contractors. Pre-submittal meetings were held with critical reviewer disciplines,

such as electrical, structural, and fire, as these tend to delay the process of approval. Other time sensitive coordination was provided with Planning and Zoning departments, as specific requirements were needed to address newly approved requirements associated with setbacks, aesthetics, tree ordinances, and others for proposed improvements of outside the fence projects.

- **SFWMD** – Coordination was required for the Environmental Resource Permit for the treatment plants stormwater system modification because of the increase of impervious areas within the treatment plants. Services also included evaluation of existing permit requirements.
- **Miami-Dade County RER** – Adherence with local County ordinances and State delegated approval processes for environmental pollution prevention plans; asbestos abatement/removal permits; Class I permits for work in, on, or over tidal waters or wetlands of Miami-Dade County; and coordination for Class V permits for temporary dewatering required during excavation. These permit process requirements were coordinated during design so that the Contract Documents contain clear contractor requirements for permits needed for the projects.
- **FDEP** – Coordinated general permit modification for collection/transmission systems, as well as permit modification for substantial modifications of WWTPs. Preliminary design reports or BOD Reports were submitted for reviews as part of programmatic FDEP Permit modification for the treatment plants and the collection system. Team members had coordination with PMCM/MDWASD permitting compliance team.



Figure C-2. SDWWTP. GFT played an important role in the development and implementation of the program framework tailored to MDWASD.

OOL Program Management - Wastewater System Priority Projects

MDWASD, Miami, FL



RELEVANT FEATURES:

- Project Management & Coordination
- Pump Station
- CFD Modeling
- Pump Station Design
- Site Investigation
- Data Collection
- Civil/Site Design
- Alternatives Evaluation
- Surveying
- BOD Report Preparation
- Regulatory Coordination
- Permitting
- Structural Design
- Mechanical Design
- Electrical & Controls Design

MDWASD's OOL implementation program is a significant environmental initiative to reduce the discharge of treated wastewater into the Atlantic Ocean and enhance wastewater treatment infrastructure. The program is a response to Florida's OOL, passed in 2008, which requires utilities like MDWASD to cease using ocean outfalls for routine wastewater disposal and to upgrade treatment processes to meet higher environmental standards.

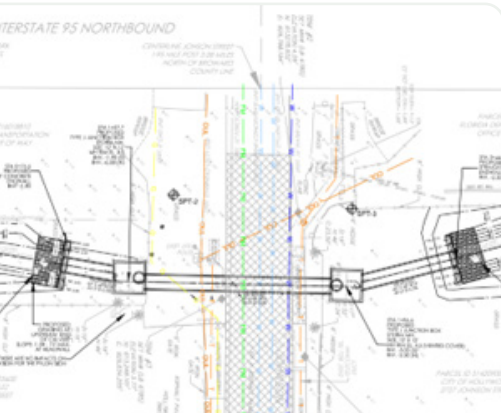
With sensitive coastal ecosystems at risk, including coral reefs, and growing demands from a rising population, MDWASD needed a forward-thinking approach to meet stringent regulatory deadlines, enhance water quality, and protect its marine environment. This large-scale transformation required innovative solutions and a multibillion-dollar investment in infrastructure upgrades. GFT has served as Project Manager, as part of the Owner's Representative/Program Management team, overseeing design consultants through the development of the tasks below. Permits were obtained by the corresponding design consultants in close coordination with GFT as the Owner's Representative Project Manager.

NE-1 Municipal Injection Wells Pump Station, North District WWTP. Work included the design of a 75 mgd injection well pump station and associated electrical components, injection wellheads, injection well yard piping supply loop, and flushing water system. The task also included the installation of a transfer pipeline from the existing outfall pump station to the new filters building and new roads, utilities, stormwater collection, conveyance and retention system, and sanitary sewer pump station. Permitting with the City of North Miami is specific to Tree Removal Permit, and the Conditional Use Permit, as described above.

- **SDWWTP. Permitting with the Miami-Dade RER** - Plan Review consisted of the following: DERM; Miami-Dade County Fire Department; Miami-Dade County Building Department; and Class VI Permit to Construct/Modify a Drainage System.
- **NT-2C North District WWTP HLD Facilities.** Design of disk filter building, sodium hypochlorite storage and feed facility, chlorine contact tanks, electrical substations, and associated electrical, I&C systems. Permitting with the City of North Miami was specific to Building Permit.
- **CE-1 Municipal Injection Wells Pump Station, Central District WWTP.** This task included providing a new 150 mgd injection well pump station, injection well piping network, and wellhead facilities for the municipal deep injection wells to be provided as part of another OOL project. The City of Miami issued the building permit.
- **ST-2B Clarifiers and HLD Facilities, SDWWTP.** Work included adding one secondary clarifier, three new pumps to the RAS pump station No. 3, and new transfer pump station bypass.
- **ST-2C Chlorine Contact Tanks, SDWWTP.**
- **ST-2E RAS Piping, SDWWTP.**

Infrastructure GEC - Johnson St. Culvert

City of Hollywood Department of Public Utilities, Hollywood, FL



RELEVANT FEATURES:

- H&H Modeling
- Surveying
- Design Development
- Cost Estimating & Scheduling
- Constructability Evaluation
- Permitting
- Stakeholder Engagement
- QA/QC
- Bid Phase Services*
- Construction Administration & Support*

**Upcoming Project Phases*

The City of Hollywood engaged GFT to provide comprehensive engineering, permitting, and construction support services for a critical stormwater culvert installation project at Johnson Street, just east of I-95. This project forms part of a broader stormwater improvement strategy, designed to enhance flood resilience and improve hydraulic connectivity between FDOT swales to the south and the City-owned Sunset Hollywood Park to the north.

Our team led all aspects of designing the stormwater culvert consisting of 140 linear feet of 43' x 68' reinforced concrete pipe flowing south to north through two large 12' x 12' x 12' deep concrete junction boxes on each side of Johnson Street. Each end of the culvert was configured with a reinforced concrete end wall. The proposed culvert was sized based on the 10-year estimated storm flow of 83 cubic feet per second (cfs) based on extensive modeling by both the City of Hollywood and FDOT.

A hydraulic analysis was completed by GFT to provide calculations to support the culvert's ability to convey the projected flow of 83 cfs. The center portion of the culvert beneath Johnson Street will be depressed to allow flow beneath existing utilities. This section will equalize flow elevation between the junction boxes, while the upstream and downstream ends will convey flow.

The project required extensive coordination with stakeholders including FDOT, the City of Hollywood, and multiple regulatory agencies to confirm stormwater flow conditions, assess design constraints, and develop a constructible, efficient solution. Services included overall project management, surveying activities including topographic and utility data, and full lifecycle design—from preliminary and intermediate design through final construction documents and bid-ready deliverables.

We supported multiple permit applications, including an FDOT Drainage Connection Permit, Broward County Environmental Protection Division Surface Water Management General License, and City of Hollywood Right-of-Way Permit. We provided permit submittal management, response to agency comments, and coordination with stakeholders across all phases.

In the next project phases, GFT will assist the City with bid-phase and construction services. Ongoing support through site meetings, Request for Information (RFI) and submittal reviews, and preparation of record drawings—ensuring quality oversight through to project closeout.

This project exemplifies GFT's ability to deliver end-to-end stormwater infrastructure improvements, from engineering design and regulatory navigation to fully committed stakeholder engagement.

Water Supply System Program Management

West Harris County Regional Water Authority (WHCRWA), Harris County, TX



RELEVANT FEATURES:

- Program Management
- Project Management & Coordination
- Drainage
- Stakeholder Communication
- Funding Assistance
- Community Outreach/Engagement

GFT serves as the General Engineer and Program Manager for the WHCRWA's water supply system for more than 20 years, supplying water to one of the largest and fastest growing cities in the nation, transporting 150 mgd of surface water from Lake Houston to 230 individual municipal utility districts (MUDs), covering 445 square miles. To comply with a mandate from the Harris-Galveston Subsidence District (HGSD) for water providers in three regulatory areas to decrease their groundwater usage in accordance with local subsidence rates, the WHCRWA and North Fort Bend Water Authority (NFBWA) designed and constructed the Surface Water Supply Project (SWSP).

As part of the SWSP, we lead a team of internal and external professionals tasked with designing and building 100+ miles of pipelines and three booster pump stations to deliver 150+ mgd of surface water to the service area's growing population. Select representative work is detailed below.

SWSP - Segment 3 Pipeline: This project represents one of several pipeline components for transmission of surface water to WHCRWA and NFBWA customers through the SWSP Program. The Segment 3 Pipeline project is a 42-inch transmission branch line that extends approximately 72,850 LF from the main SWSP 96/84-inch transmission line to the NFBWA Bellaire Pump Station. The project is divided into 6 design and construction contracts with an estimated combined total construction cost of \$60.6M.

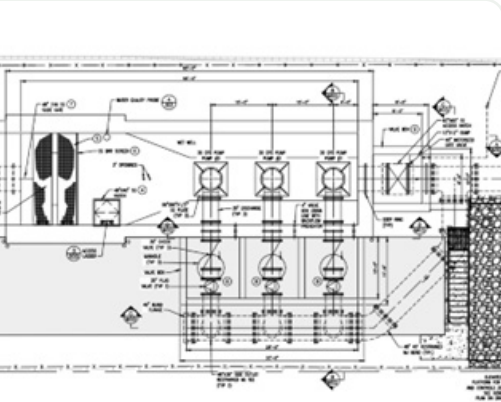
As the Program Manager, we were responsible for managing six design consultants, including providing quality assurance reviews of the design documents, and negotiated an agreement with CPE for placing the Segment 3 water line inside a CPE power line corridor. Our firm also played a critical role in securing HCFCD approval for placing the water line inside and parallel to a HCFCD drainage facility easement. This effort required working closely with HCFCD staff to establish a feasible alignment and verify compliance with HCFCD design preferences. In addition to design oversight, we are responsible for construction management, including material testing for these projects. The CPE corridor is full of parties that have ground lease agreements with CPE to use the surface for various purposes, including private access roads, material storage, and a large Tennis Club which has access and parking areas requiring extensive community engagement and coordination. The project has considered ways to expedite construction or limit disruption through various techniques to minimize impacts to the community.

The Segment 3 project was funded through the Texas Water Development Board's (TWDB) State Water Implementation Fund for Texas (SWIFT). Our firm was able to secure \$1B+ in SWIFT low interest loan commitments for the WHCRWA that has saved hundreds of millions of dollars in debt service for the owner.

SWSP - Segments B and C: Segments B and C involved the alignment selection, cathodic protection, site restoration, and utility relocation to accommodate a large 84- to 96-inch transmission main from east of Grand Parkway to interstate highway 45 (I-45) (24.1 miles). These projects require extensive coordination various stakeholders.

Lake Belmar Stormwater Pump Station Study and Design

Miami-Dade County DTPW, Miami-Dade County, FL



RELEVANT FEATURES:

- Project Management & Coordination
- Stormwater Pump Station
- CFD Modeling
- Design Development
- Cost Estimating and Scheduling
- Constructability Evaluation
- Risk Mitigation
- Resiliency/Sea-Level Rise Considerations
- Permitting
- Public Engagement Support
- QA/QC
- Bid Phase Services*
- Construction

Administration & Support*

*Upcoming Project Phases

Miami-Dade County DTPW needs to install a new stormwater pump station in the area of Lake Belmar to mitigate flooding. The stormwater pump station will be located at the empty land within County Right of Way (ROW) located East of the intersection of Bayshore Drive and NE 88 Street. The primary service area for the pump station is bound by Biscayne Boulevard on the west, Biscayne Bay on the east, NE 91st Street on the north, and NE 87th Street on the south. This neighborhood in Miami-Dade County includes mostly residential developments and some commercial and office developments. The stormwater pump stations project consists of the evaluation of two pre-treatment units to determine the feasibility to reduce or limit potential nutrient loading from runoff into Biscayne Bay and provide recommendations to DTPW on recommended technology.

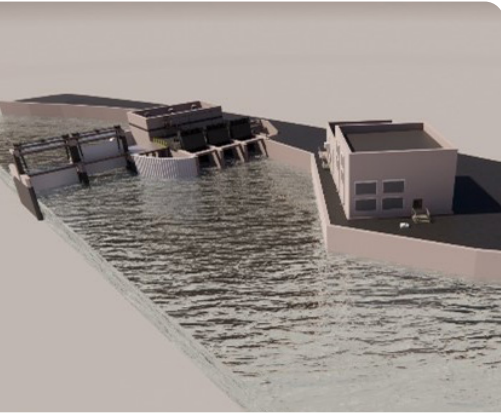
GFT provided services including sizing and design for a new 90 cfs stormwater pump station with configuration of three submersible pumps, new wet well structure, electrical improvements, standby power generation facility, supervisory control and data acquisition (SCADA), sea level rise (SLR) consideration, water quality pretreatment system evaluation. The pump station includes an energy dissipating structure as outfall to comply with required discharge velocities at Biscayne Bay and a new seawall. The submersible pumps are suspended from top off the wet well slab inside vertical can with intake bell configuration. From the wet well, stormwater will be pumped to an energy dissipator structure with the purpose of reducing the discharge velocities and mitigating erosion in Biscayne Bay.

Upstream of the pump station a multistage filtration system will capture sediment, litter, foliage, phosphorous, nitrogen, heavy metals, hydrocarbons, and other organic materials, and allow for nutrient removal prior to discharging into Biscayne Bay. Hydrologically, this new pump station must meet functional objectives considering current design storm criteria and future SLR projections for South Florida. Site specific adaptive management strategies were considered throughout the design to harden the facility against future SLR, including elevating elements critical to maintaining the facility in operation such as control panels, emergency generators, and fuel storage above Category 5 Storm Surge elevation.

The scope of services include project management, multidisciplinary design including site civil, mechanical, architectural, structural, geotechnical, electrical, instrumentations and control. GFT led the coordination with regulatory agencies including Miami Dade County Building Department, USACE, and SFWMD. GFT also coordinated with Florida Power and Light (FPL) as part of required power supply feasibility studies in utility planning.

S-27 Forward Pump Station and Gate Structure Improvements

SFWMD, West Palm Beach, FL



RELEVANT FEATURES:

- Flood Control Pump Station
- CFD Modeling
- Project Management & Coordination
- Pump Station Design
- Site Investigation
- Data Collection
- Civil/Site Design
- Alternatives Evaluation
- Surveying
- BOD Report Preparation
- Regulatory Coordination
- Permitting
- Structural Design
- Mechanical Design
- Electrical & Controls Design

The S-27 Forward Pump Station and Gate Structure Improvements project seeks to improve the flood protection level of service (FPLOS) and the capacity for forward flow to Biscayne Bay via the C-7 canal considering future SLR projections. GFT developed preliminary design for the new S-27 Flood Control Pump Station and supporting infrastructure with consideration of SLR and design of storm elevations within a challenging tight area and urban setting in Miami-Dade County.

The pump station was being designed to handle 1,500 cfs with three intake bays in service. Each intake bay and pump shall convey a flow of 500 cfs from the C-7 Canal. USACE Type 10 Formed Suction Intake (FSI) is proposed to reduce submergence, minimize construction excavation, and optimize hydraulics. Screens and front-raking mechanisms are provided in each intake bay upstream of the pumps to assist with debris management and protect the pumps. The pump station layout includes provisions to maintain constant head and prevent back flow. The pump station considers unmanned operations and equipped for remote operations.

The Generator and Control Building preliminary design includes the emergency generators and ancillary electrical equipment. This building included a Generator Room, Electrical Room, IT Room, and Control Room. Two large generators are provided to power the four 650 hp pump motors. Each generator was sized to run a maximum of three pumps.

Professional services included the first phase of geotechnical investigations, initial topographic surveys of the project site, H&H modeling of S-27 Pump Station to optimize the site layout and minimize the potential for erosion in the canal. Preliminary design of the intake pump station and water control structures included a pump technology evaluation, screen technology evaluation, assessment of the existing flood control gate structure, development of draft operational criteria, development of the preliminary construction cost estimate and construction schedule. GFT prepared a design documentation report to document the design criteria, major design assumptions, and the detailed calculations and engineering analyses. In addition to the design documentation report, preliminary plans were developed for several of the key elements identified above.

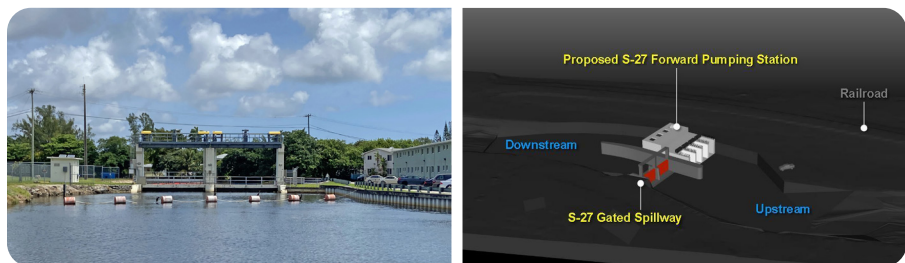
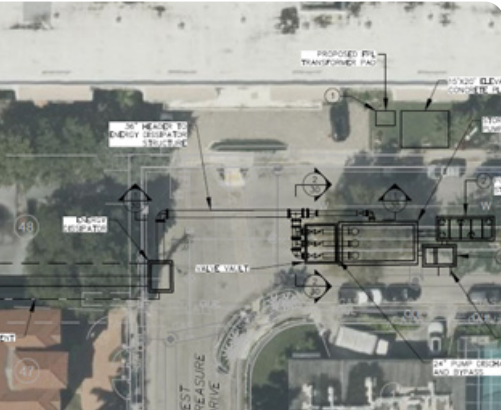


Figure C-3. Existing S-27 Gate Structure and Proposed S-27 Pump Station and Gate Structure 3D Model. We worked closely with SFWMD so constructability and sequencing of the work was planned early into the design so that the facilities would be functional during and after construction. The location is urban and is bounded by a residential area and critical railroad line.

North Bay Village Treasure Island Stormwater Pump Station

North Bay Village/EXP, Inc, Miami, FL



RELEVANT FEATURES:

- Stormwater Pump Station
- CFD Modeling
- Design Development (Process Mechanical, Electrical, and I&C)
- Cost Estimating
- Stakeholder Coordination Support

GFT is supporting EXP with the process mechanical, electrical, and instrumentation and controls (I&C) design for a new 65 cfs stormwater pump station in North Bay Village as part of the Treasure Island Drainage Improvements – Phase I project. This critical infrastructure is designed to enhance stormwater conveyance and improve flood resilience for the neighborhood. The stormwater pump station, to be constructed below grade near the intersection of North Treasure Drive and West Treasure Drive, will form the cornerstone of the City's Phase I drainage upgrades.

The system design integrates advanced water quality pretreatment through a diversion weir and hydrodynamic separator, ensuring the capture of trash, oil, and sediments during first-flush storm events. During higher-intensity rainfall events, flow will overtop the weir to maintain conveyance capacity while the primary station directs flow to its outfall via an energy dissipation structure.

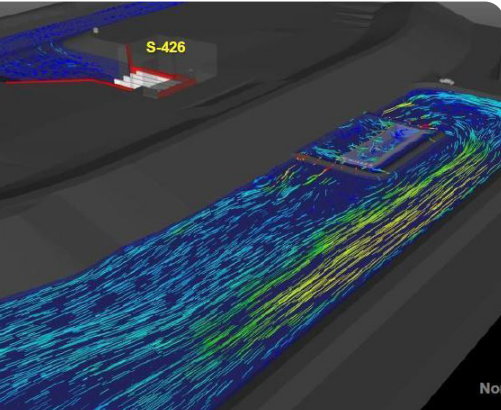
GFT is responsible for the full process mechanical layout, pump and outfall hydraulic calculations, and equipment sizing. The electrical scope includes site-wide service coordination, lighting, grounding, one-line diagrams, and panel schedules. For instrumentation and controls, P&IDs were developed in collaboration with EXP and North Bay Village to identify control system requirements that integrate with the municipality's broader stormwater network.

Our team led the coordination with Florida Power and Light (FPL) to facilitate power feed planning and supported cost estimating efforts for overall project cost. Internal QA/QC procedures were applied at each design milestone preliminary, intermediate, and final design to ensure discipline-specific accuracy and consistency across submittals.

This project reflects GFT's specialized capabilities in pump station systems, municipal coordination, and integrated multidisciplinary design delivery. It underscores our value as a reliable partner for complex, resilient, and environmentally responsible stormwater infrastructure across Florida's coastal communities.

Restoration and Operations and Maintenance, Repair, Replacement, and Rehabilitation Projects

SFWMD, Various Locations, FL



RELEVANT FEATURES:

- Program Management
- Drainage
- Stakeholder Communication
- Funding Assistance
- Community Outreach/Engagement

The District operates and maintains approximately 2,600 miles of canals and levees, 1,300 water control structures, and 64 pump stations throughout 16 counties, covering 18,000 square miles in the central and southern regions of Florida. The District's Everglades Restoration and Capital Projects (ERCP) Resource Area is responsible for the planning, design, and construction of restoration capital projects, which are developed through various programs, including the Comprehensive Everglades Restoration Plan (CERP), the Lake Okeechobee Protection Plan, the Operation and Maintenance Capital Improvement Plan, and other local initiatives. As part of a joint venture (JV), GFT and Dewberry have worked closely with the District since 2018 to provide engineering and technical support, civil and structural design services, engineering during construction, and project management services. The following pages describe various services we have provided to the District on representative task orders during the recent on-call contract.

S-426 Pumping Station, Labelle, FL

As part of this IDIQ contract, GFT's JV team was tasked by the USACE Jacksonville District to perform 3D computational fluid dynamics (CFD) modeling and analysis, develop a Physical Model, and prepare a report with associated modeling assumptions for the Indian River Lagoon South C-23/24 North Reservoir, Pumping Station S-426 project located in St. Lucie County, Florida. The purpose of the CFD and physical modeling and analysis was to verify USACE's current pump station design and provide comprehensive, complex technical support and design recommendations for the assurance of smooth non-damaging operational flows and velocities during pumping in the intake canal and in the siphon discharge to the reservoir. SFWMD, as sponsor, also played a key role in the review and design approval process for this project, and will take over these projects once completed.

GFT developed a 3D CFD model for the new 650 cfs, four bay pump station with suction bell intakes. The pump station is designed to pump water from an existing canal into a new storage reservoir to provide flood control and environmental benefits. Our firm was also responsible for the development of subsequent technical reports and presentations, as well as communicating the results to SFWMD. Because of the very technical and dynamic nature of the modeling efforts and results, their effect on the USACE's design, and the fact that USACE's design was undergoing their own internally-driven modifications, bi-weekly coordination meetings were held with the JV's team, USACE's design team, and representatives from SFWMD.

During these meetings, CFD and physical modeling results were presented and recommendations for design revisions were discussed. The collaborative nature of these meetings resulted in timely and effective decisions leading to the final design of the pump station. The primary design changes driven by the CFD and physical modeling included revisions to the pump setting locations and the addition of fillets and splitters, horizontal vortex suppression pipes, and split curtain walls to the four pump intake bays.

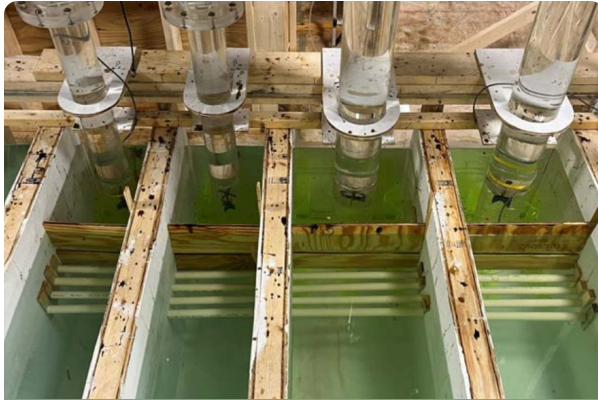


Figure C-4. S-426 Pump Station Physical Model. The purpose of the CFD and physical modeling and analysis was to verify USACE's current pump station design and provide comprehensive, complex technical support and design recommendations.

BOMA Flow Equalization Basin (FEB) Design, Glades County, FL

GFT, as part of a JV, is leading the design of the Boma FEB, a key component in improving water quality and restoring the Caloosahatchee River Watershed (CRW), a principal watershed within the Everglades Ecosystem. The proposed FEB will provide approximately 7,100 acre-feet of storage over 1,800 acres, enabling retention of freshwater during harmful estuarine discharges. The facility includes earthen embankments with vegetated benches for erosion control, a 200 cfs inflow pump station diverting water from Lake Okeechobee and the East CRW, and a gated outflow structure returning treated water to the Caloosahatchee River. Public access features include a pedestrian trail atop the embankment.

The JV conducted a comprehensive engineering study and preliminary design, evaluating six alternatives based on criteria such as storage capacity, water quality benefits, support for minimum flow levels, cost, and operational considerations. The selected alternative—a cost-effective, single-cell impoundment with a perimeter embankment and interior finger embankment—was chosen for its optimized storage efficiency and improved treatment capability. Supporting features include inflow/outflow canals and a seepage collection system.

Following alternative selection, the JV advanced the design to the preliminary stage. Services included geotechnical investigations, topographic surveys, H&H modeling, embankment stability and seepage analysis,

pump station and control structure design, operational criteria development, and preliminary cost estimating. A Design Documentation Report (DDR) summarized design assumptions, calculations, and key features.

C-51 Reservoir Study, Palm Beach County, FL

GFT conducted the C-51 Phase II Reservoir Study in Palm Beach County to evaluate strategies for mitigating saltwater intrusion into coastal canals, an issue exacerbated by sea level rise. The study focused on assessing the feasibility of routing water from the proposed C-51 Reservoir through existing canal networks to raise water surface elevations and promote freshwater infiltration into the lower aquifer. The objective was to determine the volume of water needed to slow or reverse saltwater intrusion from key locations, as well as the necessary infrastructure and flow pathways to deliver these volumes effectively.

Using advanced modeling tools such as HEC-RAS and MIKE SHE/11, the team simulated seepage dynamics, tested the performance of new control structures and pump stations, and estimated freshwater flux through modified routing scenarios. The study also provided a preliminary cost-benefit analysis of the mitigation approach. An independent groundwater model (SEAWAT) and surface water model (MIKE 11) were developed to support this analysis.

The study concluded that raising water surface elevations upstream of salinity control structures in Broward County could positively impact saltwater intrusion during drought conditions. However, it recommended more detailed evaluations under normal and high rainfall conditions to assess flood risk and water quality implications. Further refinement and assessment will be necessary to support future design and implementation phases.

C-43 West Basin Storage Reservoir Construction Support Services, Hendry County, FL

The JV is providing on-site construction support services for the C-43 West Basin Storage Reservoir (WBSR) project in Hendry County, Florida—an environmental restoration initiative aimed at improving the health of the Caloosahatchee Estuary. The JV's staff is supplementing the District's construction management team and is responsible for field inspections, quality control monitoring, construction reporting, regulatory compliance verification, and participation in project meetings. The current phase includes



Figure C-5. BOMA FEB. The JV conducted a comprehensive engineering study and preliminary design, evaluating six alternatives based on criteria such as storage capacity, water quality benefits, support for minimum flow levels, cost, and operational considerations.

construction of the S-470 Pump Station (Package 3) and Package 4 Civil Works, which features an earthfill dam with an internal soil-bentonite wall, seepage control measures, soil-cement lining, five embankment structures, a perimeter canal with six water control structures and three bridges, and an irrigation pump station. Regulatory coordination was required with USACE and FDEP.

In addition to construction support, GFT conducted an Independent External Peer Review (IEPR) of the construction phase of Design Package 4, in accordance with the Water Resources Development Act (WRDA) 2007. The purpose of the IEPR was to evaluate the project's construction criteria and ensure design intent was achieved. The review team conducted a multi-day site visit, met with the construction management staff, and analyzed a range of design and construction documents, including contractor submittals, RFIs, inspector reports, testing results, and field documentation.

The reservoir, when complete, will provide 170,000 acre-feet of above-ground storage in a two-cell system with pool depths ranging from 15 to 25 feet. Major features include internal and external embankments, canals, pump stations, and water control structures, all designed to operate sustainably and in line with environmental best practices. The IEPR team concluded that the

construction and QA/QC processes are delivering a project that aligns with the intended design and functional performance goals.

Old Tamiami Trail Removal – Engineering During Construction, Miami-Dade County, FL

As part of a broader effort to restore the Everglades ecosystem, the National Park Service, SFWMD, and USACE initiated the removal of a 5.7-mile segment of the Old Tamiami Trail within Everglades National Park to eliminate a key hydraulic barrier and restore natural flow patterns. The JV served as Engineer of Record (EOR) for the project, delivering a comprehensive design package that included a 3D earthwork model, DDR, construction plans and specifications, and a cost estimate developed using MCACES/MII software. The design was successfully bid, with the awarded construction contract totaling approximately \$5.9 million—below the JV's estimated cost.

The JV also provided ongoing Engineering During Construction (EDC) services, including reviews and responses to RFIs, RFCs, RFPs, COs, FOs, value engineering (VE) proposals, and contractor submittals. The team produced fully incorporated record drawings based on certified as-built information and delivered completion certificates at project closeout, ensuring the project met its performance and restoration objectives.

SR A1A Tidal Flooding Study

FDOT - District 4, Hollywood, FL



RELEVANT FEATURES:

- City of Hollywood
- Hydraulic Modeling
- Drainage Analysis
- Stakeholder Coordination
- Reviews of Stormwater Infrastructure Designs

FDOT has experienced tidal flooding along and adjacent to SR A1A in Hollywood Florida. This Task Work Order has been broken into three Phases which are detailed below. **Scalar** (part of proposed GFT Program Management Team) provided contract maintenance and EDMS, field reviews, meetings, and the draft and final alternatives recommendation report. Services also included Drainage Analysis and Drainage Plans.

Phase 1 - Initial Conditions Study. The limits of this study is SR A1A from Hallandale Beach Boulevard to Dania Beach Boulevard. Later phases determined proposed solutions to the tidal flooding such as seawall improvements, storm water pumps and/or roadway profile reconstruction, scope preparation, and possible plans preparation. Scalar completed field reviews to document field conditions and review of the lidar survey data to incorporate into a hydrodynamic model. The model development involved overlays of soils, land use, basins, drainage infrastructure, etc., to create a 2-D model to estimate existing conditions. The initial model results were field verified to determine the extent of tidal flooding along SR A1A in Hollywood. Scalar also reviewed estimates of the causes of the flooding with FDOT staff to determine the next phase of the study.

Phase 2 - The Scope of Services included evaluation of alternatives versus lifecycle to apply appropriate SLR (using the Seal Level Scenario Sketch Planning Tool), cost estimates and meetings with stakeholders to develop recommended alternatives.

Phase 3 - The Scope of Services included continued coordination with the City of Hollywood, field reviews to document fall King Tide flooding along the corridor with respect to flap gates and the newly installed WaPro valves, meetings with stakeholders to review the Phase II results and to develop recommendations, cost estimates and responsibilities for the recommendations. This phase also involved coordination with UF's Geoplan group with the SLR Sketch Planning Tool and FIU for development of an Adaptive Pathways flowchart to provide timeframes for recommended projects to be developed and constructed. Environmental involvement included desk top reviews for possible natural resources impacts, mitigation research of existing permits, mitigation banks and proposed mitigation sites, and conceptual mitigation design. The scope also included utility

The work directly aligns with the goals of stormwater program management by identifying vulnerabilities, evaluating infrastructure alternatives, and establishing a long-term framework for implementing flood mitigation improvements in coastal communities.

Larchmont Area Sanitary Sewer Program/Resiliency Improvements

HRSD, Norfolk, VA



RELEVANT FEATURES:

- Program Management
- Resiliency
- Commercial/Residential Streets
- PER Preparation
- Investigation of Alternatives
- Field Engineering / Inspection
- Geotechnical
- Permitting
- Stakeholder Coordination
- Community Outreach/Engagement

The Larchmont area is a large, historical community on the Lafayette River, close to Old Dominion University. As part of HRSD's Larchmont Sanitary Sewer Master Plan, multiple pump stations owned by HRSD and the City of Norfolk were identified as needing replacement to address resiliency concerns and aging infrastructure, as well as to protect public health by reducing sanitary sewer overflows (SSOs), pipe leakages, and interruptions to service. Components of the Larchmont Program are part of HRSD's EPA Rehabilitation Action Plan which requires that construction be completed before May 5, 2027.

To support the replacement program and meet the EPA deadline, HRSD and the City of Norfolk hired GFT as Engineer of Record/PgM to provide resilient design and construction of new sanitary sewer infrastructure, including flexibility for future improvements or expansions and for the HRSD-owned assets, while the team works to minimize impacts to the surrounding Larchmont community. GFT's design engineering services include:

- Conducting the preliminary engineering necessary for a basis of design memorandum; Development of a PER including determination of the preferred locations for the pipeline alignments and pump stations
- Replacement of approximately 4,700 LF of 6- to 12-inch pipelines; rerouting backyard sewers
- Design of three pump station replacements and three pump station rehabilitations
- Updates to the construction package and completion schedules

GFT is providing project management, QA/QC, public outreach and stakeholder engagement, pumping and mechanical design, architectural, structural, HVAC, plumbing, electrical, civil/site and stormwater, cost estimating and scheduling, I&C, constructability, BIM management, traffic control, and resiliency. Geotechnical engineering, SUE, waterfront design, environmental engineering, surveying and easements, hazardous materials investigations, physical modeling, corrosion control, pre-construction surveying, and vibration monitoring are being performed by subconsultants.

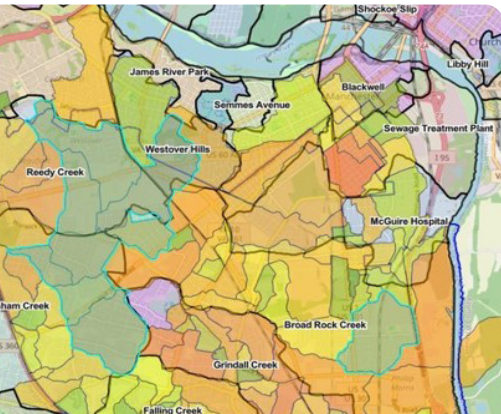
The program is being delivered using the CMAR delivery method with the intent to work closely with a contractor to improve the design through VE and constructability review sessions. Supporting sustainability goals for HRSD and the City of Norfolk, GFT implements Envision framework to develop the designs of the pipelines and pump stations. The team uses BIM 360 as a tool to aid in visualizing the design and to identify and resolve potential design or construction conflicts.

Construction is currently underway for the nine projects within the program. GFT's construction phase services include field engineering and inspection, startup and testing, operations and training, and post-startup and certification services.

GFT's services for the approximately \$41M Larchmont program involve strategic planning of future construction activities, including project phasing, bypass pumping, and extensive community outreach, to minimize impacts to the community, residents, and businesses during construction.

Annual Services - Stormwater Division Initiatives

City of Richmond Department of Public Utilities (DPU), Richmond, VA



RELEVANT FEATURES:

- Program Management
- Resiliency
- Commercial/ Residential Streets
- PER Preparation
- Investigation of Alternatives
- Field Engineering / Inspection
- Geotechnical
- Pre-construction Services
- Contract Administration
- Startup and Testing
- Post-Startup and Certification
- Permitting
- Stakeholder Coordination
- Community Outreach/ Engagement

Since 2013, GFT has been a trusted partner to the City of Richmond DPU, delivering annual planning and engineering services to support the City's stormwater infrastructure. Through three consecutive service contracts, GFT has provided dependable, on-call support for critical infrastructure serving over 500,000 residents. Our consistent, focused engagement has reinforced our role as a go-to partner for DPU, with services spanning stormwater system planning, design, and asset management.

GFT is currently leading several key initiatives for the Stormwater Division, including:

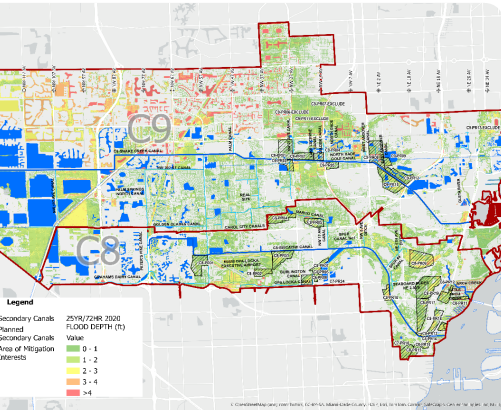
- **RVAH2O Clean Water Plan Update** – GFT is leading a comprehensive update of the City's 2017 Clean Water Plan to align with regulatory requirements, integrate Safe Drinking Water Act programs, and present updated watershed data and strategies through accessible, interactive formats.
- **James River Dam Safety Feasibility Study** – GFT is conducting a comprehensive feasibility study to evaluate public safety improvements at Bosher's, Z, and Williams Island Dams, including structural and non-structural alternatives, environmental and cultural assessments, and grant funding strategies to mitigate risks associated with low-head dam hydraulics.
- **Southside Asset Management Project** – Funded through the DCR Community Flood Preparedness Fund (CFPF) Round 4 Grant, this project focuses on inventorying and prioritizing stormwater improvements in historically underserved neighborhoods. GFT is managing the full lifecycle of this effort—from GIS-based infrastructure mapping and field investigations to community engagement and technical reporting—to support equitable and resilient infrastructure planning.
- **Green Street Design and Construction** – Building on the success of the Yorktown Avenue and Concord Avenue green street conversions, GFT is supporting the City's pivot from green alley retrofits to green street projects. This includes the proposed transformation of Gunn Street and Silver Avenue, which will integrate permeable parking and stormwater best management practices to mitigate flooding and enhance community livability.

Additionally, GFT is spearheading the DPU's Operational Technology (OT) Cybersecurity Program, conducting detailed audits of SCADA/OT systems, completing Validated Architectural Design Reviews (VADR), and developing a forward-looking OT Master Plan. Our proactive approach and deep understanding of the City's infrastructure systems have been essential in securing critical utility assets in alignment with AWWA, ISO, IEC, and NIST standards.

These efforts reflect GFT's strong commitment to delivering solutions that are not only efficient and technically-sound, but also aligned with DPU's mission and community values.

Miami-Dade SWMP Update for Various Hydrologic Basins, System Wide Groundwater Elevation Updates, and System-Wide Stormwater

Miami-Dade County Department of Regulatory and Economic Resources (RER)



RELEVANT FEATURES:

- Planning & Program Support
- GIS & Data Management
- Regulatory Compliance
- Prioritization
- Risk Mitigation

To support the Miami-Dade County Department of RER, GFT provided comprehensive staff augmentation services focused on updating the County's SWMP. This effort involved close collaboration with County staff and external stakeholders to guide key components of the County's stormwater planning and programmatic oversight. Our work focused on hydrologic basin updates, system-wide groundwater elevation and water quality assessments, and regulatory compliance activities—all essential to the County's broader stormwater management strategy.

From a technical standpoint, GFT played a key role in the development of vulnerability assessment maps and geodatabases across multiple watersheds, simulating different storm scenarios and hydrologic conditions. We updated water quality reports with a specific focus on the risks associated with septic systems and their contribution to stormwater pollution—integrating groundwater and sea level rise projections. We also supported the review and revision of flood criteria and the County's water control map to align with updated resilience and infrastructure standards.

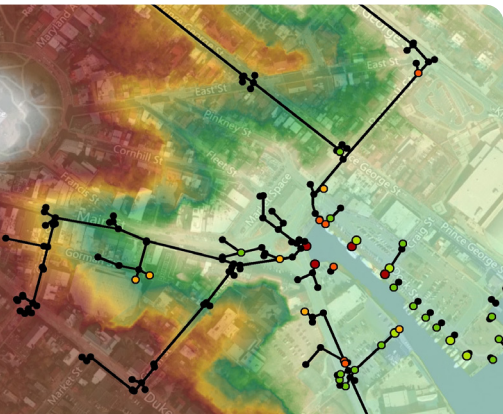
Our team brought significant expertise in GIS and data management, supporting spatial analysis and data integration efforts across the County's stormwater program. We assisted in extracting and managing over 40,000 elevation certificates to build a comprehensive, countywide elevation certification database. We also developed and maintained a geodatabase of critical facilities and access points to support FEMA compliance and created localized mitigation area maps to facilitate integration with modeling effort by the County. Topographic mapping was performed to support canal bank enhancement, and spatial analyses were conducted to support ongoing stormwater evaluations. In each case, we applied best practices for handling large and complex datasets to improve decision-making and efficiency.

As part of the County's resiliency planning efforts, we contributed to storm mitigation strategies by identifying key improvement areas. We supported beach nourishment projects by conducting pre- and post-storm erosion volume analyses and prepared lighting survey reports to evaluate potential wildlife impacts along coastal areas.

This engagement highlights our ability to support complex stormwater management programs through a combination of technical expertise, regulatory knowledge, GIS capabilities, and hands-on program coordination. Our experience with Miami-Dade County demonstrates our capacity to serve as a trusted, long-term partner in delivering integrated, forward-thinking stormwater program management services.

Stormwater Hydraulic Modeling

USACE - Baltimore District, Annapolis, MD



RELEVANT FEATURES:

- Stormwater System Evaluation
- Hydraulic Modeling
- Mapping
- Flooding Mitigation
- Aging Stormwater Facilities
- Urban Environment

Due to its location on the western bank of the confluence of Severn River and the Chesapeake Bay, the 2.3-square-mile City of Annapolis experiences inundation from riverine flooding, tidal influence, and storm surge. Localized flooding (tidal flooding) occurs frequently due to typical tidal fluctuations. To determine the most effective and cost-efficient methods for reducing the risk of flood, GFT examined the existing stormwater system capacity and identified the areas of local flooding in the City (referred to as the City Dock Area) using the 2D stormwater/hydraulic model XPStorm. We used the 2D hydrodynamic engine XP2D in addition to XPStorm to enable a complete model of 1D pipe flow and 2D overland flow once the pipe network has reached capacity.

In total, we delineated 90 sub-basins, each to a stormwater inlet using a 3x3-foot digital elevation model (DEM) derived from LiDAR. The study areas were highly urbanized, leading to challenges with delineating subwatersheds. To force flow away from structures and avoid flow paths through buildings, building footprints were added to the DEM and elevations within the footprints were vertically extruded. We also determined runoff coefficients using a detailed land cover layer provided by Anne Arundel County and soils from the Natural Resources Conservation Service (NRCS) Soil Data Mart. Our team imported stormwater features in to the XPStorm hydraulic model, which included 157 nodes (outlets, manholes, inlets, junctions) and 153 pipe sections totaling more than 9,700 feet of pipe. We assigned manning's roughness coefficients for the pipes based on pipe material and engineering judgment.

We modeled eight hydraulic scenarios, including three hydrologic storms (2-, 10-, and 100-year) and six different backwater conditions. Because of the proximity to the bay, the stormwater drainage system is susceptible to significant tidal effect. We simulated multiple scenarios under a two-year storm event using a range of backwater tide elevations. Model results confirmed that the level of tide has a significant impact on the performance stormwater system. Because of the backwater from the tides, the stormwater drainage system is partially under water even during a dry day. We also identified some high-risk areas in the stormwater system with undersized pipes, which are surcharged during a two-year event. Following completion of this project, USACE turned the model over to the City of Annapolis Public Works Department for use in developing several design alternatives for flooding mitigation.

By using a 1D-2D combined hydraulic model, the client can get a comprehensive understanding of the storm-sewer system and storm-induced urban flooding and track the quantity of rainfall runoff and how that water is routed to the Chesapeake Bay, as well as enable USACE to develop several design alternatives to mitigate flooding and protect Annapolis' busy tourist attractions. Additionally, the information is useful for advance warning system, flood evacuation plans, and other decision-making regarding city planning.

Sylvan Shores Stormwater Infrastructure Upgrade

Sylvan Shores Services Company, Riva, MD



RELEVANT FEATURES:

- Stormwater Infrastructure Design
- Modeling
- BMPs
- Funding Assistance
- Commercial/Residential Streets
- Permitting
- Stakeholder Coordination
- Community Outreach/Engagement



This project won an Honor Award from the American Council of Engineering Companies (ACEC) of Maryland.

Sylvan Shores is a small, private community of approximately 250 homes along the South River in Anne Arundel County. The majority of the community is situated in the Chesapeake Bay Critical Area. A grant was awarded to design and construct a new stormwater collection, conveyance, and treatment system. The system includes comprehensive paving, drainage, an open channel and closed conduit drainage system with outfalls to tidal and non-tidal waters, and a variety of stormwater management Best Management Practices (BMPs) or nutrient and suspended solids removal devices for treatment prior to discharge. The project was designed to solve long standing inadequate drainage and flooding issues and provide water quality treatment and TMDL credit for the improvements.

GFT prepared a watershed assessment, concept stormwater management plan including a BMP layout and report, and assisted with the grant application submittal to help Sylvan Shores obtain a Bay Restoration Fund Grant from the Maryland Department of Natural Resources (DNR) in the amount of \$1.7 million dollars.

We coordinated with DNR staff for pollutant removal modeling. We prepared the detailed design of storm drainage collection and conveyance improvements including curb and gutter, roadside channels, inlets, manholes, endwalls, and outfalls. A variety of structural and micro-scale practices were included in the design including micro-bioretenment, sand filter, grass swales, and permeable paving. Stormwater management improvements were designed for phased construction in conjunction with a separate water and sewer utility construction project to minimize impacts to the community.

Services included:

- H&H modeling (for drainage and stormwater management design)
- Preparation of plans, specifications and estimates
- Permitting – including Critical Area, tidal outfalls and tidal and nontidal wetlands, stormwater management and grading
- Community outreach (attendance at Community meetings)
- Construction observation
- Construction phase engineering submittals, RFI's, change orders)
- As-built plans
- Certification of completed BMP's

"I would highly recommend Gannett Fleming [GFT]... to any organization seeking their engineering expertise and services. They are a first class, knowledgeable, and professional engineering firm. They are also a pleasure to work with." - Kim Cover, Sylvan Shores (Past President)

Hillsborough County Stormwater Continuing Contract

Hillsborough County, FL



RELEVANT FEATURES:

- Drainage & Stormwater Projects
- Geotechnical

This Work Order Contract for Hillsborough County has included several drainage and stormwater projects. **AREHNA** (part of proposed GFT Program Management Team) has performed several geotechnical explorations under this contract. Pavement evaluation and a drainage study were also part of various tasks. Services included Standard Penetration Test borings, auger borings, installation of piezometers, permeability testing, pavement cores and laboratory classification testing. Recommendations for design and site preparation were provided. Representative projects have included:

- **Taylor Road Drainage Improvements** - The purpose of this geotechnical exploration was to obtain information concerning the site and subsurface soil conditions at the site of the proposed construction of a new storm sewer system and a new proposed stormwater retention pond along Taylor Road in Hillsborough County, Florida. The proposed storm water retention pond will be northwest of the intersection of Taylor Road and Main Street, and the new proposed storm sewer system is along the east side of Taylor Road.
- **W. Hanna Avenue Culvert Replacement** - The purpose of this geotechnical exploration was to obtain information concerning the pavement and subsurface soil conditions along the alignment of a proposed replacement stormwater culvert. The proposed replacement stormwater culvert extends along the south side of W. Hanna Avenue between N. Manhattan Avenue and N. Hale Avenue, in Tampa (Hillsborough County), Florida. Performed SPT borings, pavement cores & soil testing.
- **58th Street Drainage Improvements Gibson Pump Station Renewal & Replacement Project** - Performed SPT borings & soil testing.
- **East Lake Drainage Improvements** - The purpose of our geotechnical study is to obtain information on the general subsurface conditions at the proposed project site. Performed SPT borings, shallow hand auger borings & soil testing.
- **Jean Street Drainage** - The purpose of this geotechnical exploration was to obtain information concerning the site and subsurface soil conditions at the site of a proposed project to construct a new swale/storm sewer along Jean Street in Hillsborough County, Florida. Performed SPT borings, shallow hand auger borings & soil testing.

TAB D

**ORGANIZATIONAL
PROFILE AND PROJECT
TEAM QUALIFICATIONS**

ORGANIZATIONAL PROFILE AND PROJECT TEAM QUALIFICATIONS

Led by Yurfa Glenny, our integrated team of qualified, experienced professionals will efficiently deliver the program management and engineering services required under this program.

D.1. PROFILE OF THE ORGANIZATION

D.1.1. Introduction of the Project Team

The Gannett Fleming, Inc. (now known as GFT Infrastructure, Inc.) team has significant similar program and project experience, a local presence, and local permitting and regulatory requirements knowledge, and will provide comprehensive program management services and technically-sound services for the City of Hollywood.

As shown in our team's resumes and work experience, our personnel bring current and prior program management experience and/or have performed similar design, permitting, and construction management services for municipal clients in urban areas.

To fulfill our commitment to the City and provide the comprehensive services needed to successfully manage this program, we selected seven teaming partners with specialized, local experience to complete our team:

- **AREHNA Engineering, Inc.** (MBE) will provide geotechnical field services/support.
- **Arrow Group Consulting** will provide community outreach and stakeholder engagement support.
- **Colliers Engineering & Design** will provide surveying and SUE services.
- **Compass Point Surveyors, PL** will provide surveying support.
- **InfraMap Corp** will provide SUE and mapping services.

- **Media Relations Group, LLC** (WBE) will provide community outreach and stakeholder engagement support.
- **Metco Southeast, LLC** (CBE) will provide electrical and I&C support.
- **Scalar Consulting Group, Inc.** will provide H&H modeling and drainage design support.

D.1.2. Organizational Chart

As illustrated in the organizational chart in **Figure D-1**, our team of expert professionals is organized according to the RFQ requirements and responds to the City's Stormwater Program Management needs. These individuals will apply their in-depth experience to successfully deliver services under this program. Our leadership team, which includes our PgM, Deputy PgM, and PM/CM team members, offers expertise in program management as well as stormwater infrastructure and related utility evaluation, design, and construction. They bring a wealth of knowledge and experience with similar local and national clients, and an overall high level of commitment to each municipal infrastructure project we undertake.

Program Manager **Yurfa Glenny, PMP, ENV SP** will serve as the primary point of contact with the City throughout the program. As leader of the Project Management Office (PMO) for GFT's Water Business Line and located in our Miami office, Yurfa offers more than 20 years of experience delivering program management and infrastructure projects for municipal, state, federal, and private clients throughout South

Florida and northern California. Familiar to the City, Yurfa has been working with the City and within the county for more than 20 years. She has become intimately familiar with large programs and the type of services, communication, and collaboration needed on programs like this through her leadership on MDWASD's OOL Program - Wastewater System Priority Projects, PM/CM Services, and Consent Decree contracts that GFT has been working on since 2014. One of Yurfa's primary responsibilities will be to keep the scheduled and anticipated stormwater CIPs on schedule and on-track, monitoring progress and updating the City through regular communication.

Supporting Yurfa in managing the day-to-day project activities will be **Deputy PgM Lilian Marrero, PE**, as well as multiple Program Advisors and Program Management Leads. A Florida registered Professional Engineer with stormwater infrastructure experience for the City and throughout South Florida, Lilian will work with Yurfa and other Program Leads/key staff to make sure project activities are coordinated and completed to the City's satisfaction. Using expertise in design management and project performance monitoring, she will aid in coordinating the design team's efforts across the program's lifespan.



PROGRAM LEADERSHIP TEAM

24

Average Years of Experience

7

Experienced Program Advisors and Program Management Leads

11

Florida Registered Professional Engineers

Program Advisor **Eddie Alperh-Doku, PE, ENV SP, DBIA** manages large-scale capital projects (valued between \$2M–\$1B) and brings significant experience managing large projects, including comprehensive rehabilitation and modernization of multiple facility systems.

As Program Director, **Kyle Logue, PE, ENV SP** will provide program oversight and resource allocation as necessary to help meet the City of Hollywood's schedule, budget, and goals. Kyle also brings grant funding support experience, having supported clients with \$40M+ in alternative funding and grant management.

In addition to our program management leadership, we have assigned key personnel who are experts in their fields and will drive quality, innovation, best practices, thought leadership, and resource management throughout this program. This allows the City direct contact and support by our top leadership, Florida-registered PEs, and subject matter experts in program management, allowing for successful, proven execution of the work.

Figure D-1 on the following page outlines our program team members' roles and reporting structure. Our team meets the minimum requirements outlined in the RFQ and consists of the necessary expertise and disciplines to successfully deliver technically-sound, cost-effective, and innovative program management and stormwater infrastructure projects. **Figure D-2** on the next page outlines the roles and responsibilities of personnel. **Together, these figures illustrate how our team members will contribute to the program, in what capacity, and level of involvement.**

D.1.3. Resumes

Resumes for key personnel are included at the end of the section and provide descriptions of their relevant experience and qualifications. **Additionally, resumes indicate each person's years of experience, demonstrating that everyone has at least five years of experience in their designated professional specialization.**

Figure D-1. Organizational Chart. Our program team, led by experienced PgM Yurfa Glenny brings the necessary program management, stormwater, and engineering expertise both locally and nationally to successfully deliver this program for the City.



Figure D-2. Project Team Member Contribution. The following briefly describes the roles and responsibilities of our PgM, Leads, Advisors, and the rest of the program team and how they will contribute to the project and in what capacity. Each individual contributes to the team’s collaborative approach throughout a program’s lifespan.

PROGRAM MANAGER	PROGRAM LEADS	KEY PERSONNEL
Overall responsibility for program execution and meeting City of Hollywood’s expectations	Leverage technical talents of team for the benefit of the program	Supports leadership with discipline-specific guidance and services, as requested
Provide overall leadership and contract management	Implement Contract PMPs	Guides quality, innovation, best practices, thought leadership, and resource management
Main points of contact with City of Hollywood	Responsible for development and execution of specific task orders	Execute services for Task Orders
Develop Program Management Plan (PMP)	Select and direct technical staff and subconsultants	Perform engineering calculations and develop reports, studies, drawings, and technical specifications
Monitor project progress	Complete deliverables and prepares progress reports	Secure permits and meet regulatory compliance
Work with Program Leads to assign resources	Assist Program Managers with project monitoring and controls	Provide cost estimating, scheduling, and other support services
Assign personnel for QA/QC	Interpret SOW and seek technical direction from the PgM and Program Advisors	
Review and approve deliverables, including schedules and budgets	Monitor team performance	
Review, approve, and submit accurate progress reports and invoices	Initiate expenditures and schedule changes	
Signature authority for contract and modifications	Approve methods and techniques	
Approve technical work plans for consistent process and delivery	Accept and review subconsultant deliverables	
Issues subcontract		
Monitor team performance, including subconsultants		
Verify deliverables are aligned with goals and objectives		
	PROGRAM ADVISORS	SUPPORT STAFF
	Provide subject matter expertise and management advice/support to the PgM and project teams, as needed.	Supports leadership and key personnel through the execution of Task Orders
	Leverage technical talents of team for the benefit of the program	Perform engineering calculations and develop reports, studies, drawings, and technical specifications
		Secure permits and meet regulatory compliance
		Provide cost estimating, scheduling, and other support services

D.2. PROGRAM/PROJECT PERFORMANCE

D.2.1. Program Performance

Successful delivery of the City of Hollywood's Stormwater Program requires more than strong technical planning—it demands disciplined execution, real-time responsiveness, and measurable performance. GFT's program management approach outlined in the next section is intentionally structured to translate strategy into action, so that every phase of the program—whether long-term CIPs, interim improvements, or critical R&R projects—drives tangible outcomes. Our program performance will be based on a Program Management Plan (PMP) that sets out the program's goals and vision, program scope, program performance metrics, program management approach and plan, team members and roles, projects planning principles, program standards and procedures, and program controls. Sections of the PMP are used by our program management team to guide performance measurement, monitoring and adjustment. Suggested sections for the PMP include the following:

- ➔ Program Overview and Scope
- ➔ Program Management Team (PMT) Organization and Governance
- ➔ PMT Communications
- ➔ Document Control Plan
- ➔ Program Controls Plan
- ➔ Health and Safety Plan
- ➔ Quality Management Plan
- ➔ Risk Management Plan
- ➔ Community Engagement and Stakeholder Engagement Plan
- ➔ Technical Standards and Guidance Management Plan

The Program Controls Plan outlines the methods and tools used to measure program performance and includes Key Performance Indicators as agreed to with the City, project progress monitoring and controls tools including scheduling, budgeting, scope change management and reporting tools.

We will develop the PMP based on workshops with the City to determine and agree on methodologies

and metrics involved. Additional strategies implemented in the past by GFT personnel in successful Program Management execution include:

- ✓ **Results-Driven Program Execution:** We will embed key performance indicators (KPIs) into the levels of delivery—from program-wide metrics to individual task orders—verifying that progress, cost, and quality are tracked transparently. Our team will proactively identify variances and implement corrective actions early, voiding delays and cost overruns.
- ✓ **Agile Task Order Management:** Using phased implementation, task orders will be prioritized based on readiness, risk, and impact. This enables the City to address urgent needs (e.g., backflow valve retrofits or exfiltration systems) while laying the groundwork for longer-term infrastructure upgrades (e.g., regional detention, pump stations). GFT will manage these as a coordinated portfolio, maintaining efficiency without compromising quality.
- ✓ **Coordinated Stakeholder Alignment:** We will work side-by-side with City staff, permitting authorities, utilities, and community stakeholders to avoid fragmentation and miscommunication. Our designated Deputy PgM Lilian Marrero will maintain cross-discipline coordination and alignment with the City's evolving priorities, including resiliency goals and equity considerations.
- ✓ **Integrated Data and Reporting Tools:** Success depends on making informed decisions quickly. GFT will leverage integrated dashboards, GIS mapping, and financial tracking systems to give the City real-time visibility into program health. This not only enhances decision-making but also improves accountability to residents and funding partners.
- ✓ **Adaptability to Evolving Conditions:** Stormwater needs evolve with climate, development, and funding realities. Our flexible delivery framework allows for continuous reassessment of priorities and phasing. Annual CIP updates and asset data reviews will verify investments remain targeted, timely, and aligned with measurable service level improvements.

- ✓ **Sustained Operational Readiness:** Beyond construction, success includes how well the City is prepared to operate and maintain new assets. GFT will embed maintainability into project design reviews and deliver clear O&M guidance, preventive maintenance templates, and reinvestment triggers to help extend asset life and reduce long-term costs.

D.2.2. Experience and Qualifications

GFT personnel, including PgM Yurfa Glenny, bring a proven track record of achieving performance through KPI tracking, cost management, and change control throughout their Program Management contract roles.

Specifically, Yurfa previously supported the City of Hollywood's \$200 million Capital Improvements Program, serving as the PgM, providing financial and schedule oversight in close coordination with the City's Utilities Director and Utility Financial team. Yurfa played an essential role in establishing and maintaining performance monitoring systems that were tailored to the City's unique reporting needs, integrating technical and financial performance indicators to ensure alignment with program goals. Key contributions included:

- Monthly performance dashboards that tracked cash flow, schedule progress, and project milestones—down to the lifecycle level for each capital project.
- Integration of project data into Oracle Primavera for centralized schedule control, with custom-built Microsoft Excel reporting tools for intuitive and transparent presentation to stakeholders.
- Proactive identification of budget variances and schedule risks, enabling early course corrections and resource adjustments that preserved program momentum.
- Development of cash flow projections and funding utilization curves that helped the City manage grant reimbursements, bond tracking, and utility rate planning.

Yurfa's hands-on involvement not only ensured on-time, on-budget delivery of major projects, but also improved the City's internal processes by standardizing how cost and schedule data are analyzed and communicated across departments.

For MDWASD, as Partner Principal and Program Advisor for the CD Program, GFT supported Miami-Dade County in executing a highly regulated, \$1.9 billion infrastructure upgrade initiative governed by U.S. EPA and FDEP mandates. Under this framework, performance and compliance were mission-critical, and GFT's leadership proved instrumental in meeting aggressive timelines while maintaining strict cost and quality control.

Key responsibilities included:

- Establishing engineering verification protocols and KPI benchmarks to validate scope alignment, permitting status, and design deliverables before construction release.
- Leading the development of scope of work packages, procurement support, and contractor selection—ensuring that contract budgets, risk allocations, and timelines were grounded in sound technical and market analysis.
- Implementing change control workflows with MDWASD Procurement that ensured timely yet traceable contract modifications—minimizing schedule impacts and budget overruns on fast-tracked projects.
- Oversight of program controls systems, including the tracking of earned value metrics, risk registers, and schedule performance indices, to manage more than 50 projects in various stages of planning, design, or construction.
- Serving as Project Manager on high-profile plant upgrades, including headworks and digester improvements at the Central District WWTP—coordinating multidisciplinary teams while ensuring schedule integrity and cost containment.

Across both programs, GFT's culture of collaboration, technical rigor, and proactive problem solving has enabled municipalities to meet their performance targets, minimize financial risk, and maintain public and regulatory confidence in capital investments. Our PgMs are not just stewards of project execution—they are strategic partners in ensuring the long-term success of infrastructure modernization efforts.

D.3. SUB CONSULTANTS/SUB CONTRACTORS

GFT has engaged subconsultant firms with the right experience, knowledge, qualifications, and commitment to address the stormwater infrastructure and program needs of the City of Hollywood. All members of our team will leverage a shared vision of teamwork, innovation, and proven approaches to deliver accurate, easily accessible results across a program's lifespan. We strategically built our team with seven subconsultants and minority firms. Each offers services that enhance our ability to anticipate and meet the program requirements and the City's project goals.



AREHNA Engineering, Inc. (WBE)

AREHNA Engineering, Inc. is a geotechnical engineering and materials testing firm certified in Broward County with an experienced staff of engineers who work closely with clients and project design teams to provide the most cost-effective solutions to the challenges faced on each project. They are familiar with the geologic conditions in the City of Hollywood and Broward County and have extensive experience designing stabilization programs both pre- and post construction. We have included two Florida-licensed professional engineers on this contract to support GFT with **geotechnical investigations**: Angela Alba and Jessica McRory.

Relevant Projects

- City of Hollywood Various Engineering Services Continuing Contracts
- City of Sunrise Geotechnical and Engineering Testing Services

Arrow Group Consulting

Arrow Group is a firm re-imagining government affairs consulting in Florida. Their capability and success is rooted in connections cultivated over several decades, positioning them in the closest proximity to various facets of state government. As they merge deep individual expertise with the collaborative team culture, Arrow harnesses reputation, relationships, and creative problem solving to craft full-service solutions for clients, including the City of Hollywood. We have included a government affairs consultant on this contract to support GFT with **Regulatory Compliance, Community Outreach and Stakeholder engagement**: Edgar Fernandez.

Relevant Project

- MDWASD Senior Assistant for governmental affairs and policy development

Colliers Engineering & Design

Colliers Engineering & Design, Inc. (CED) is a multi-disciplinary professional services firm with expertise in a wide range of surveying, engineering, and architecture services. They have eight offices in Florida with 170+ employees and have been serving the local area since 1984. Given their staff's location and availability, they are ready to meet the City's expectations for responsiveness and are prepared to immediately provide staff and resources as needed to support this important program. We have included a Florida-licensed professional surveyor and mapper (PSM) for this contract to support GFT with **SUE and mapping**: Aimara Diaz La Rosa.

Relevant Projects

- South Florida Water Management District: C-16 Canal Boundary
- FDOT D6 Districtwide Subsurface Utility Services Contract

Compass Point Surveyors, PL (SBE)

Their office team has almost 80 years of field and office surveying experience and includes three Survey Technicians led by a PSM. This office experience allows them to work on everything from small residential surveys to multi-million-dollar neighborhood development projects with both confidence and professionalism. We have included a Florida-licensed PSM for this contract to support GFT with **surveying**: Ben Wiser, PSM.

Relevant Projects

- City of Fort Lauderdale Durrs Neighborhood Storm
- City of Fort Lauderdale River Oaks Stormwater Improvements

InfraMap Corp

Founded in 1987, InfraMap provides professional SUE services throughout the United States. They collect utility infrastructure data in the field using sophisticated geophysical techniques and instrumentation (including GPR) with automated data collection gear and state-of-the-art survey equipment. They then merge this information into clients' base mapping in their desired format. To date, they have successfully completed more than 26,000 projects, designated more than 32 million feet of utilities, and completed more than 130,000 air vacuum excavation test holes. We have included a Certified Utility Location Manager for this contract to support GFT with **SUE**: Andres Garcia.

Relevant Projects

- Town of Surfside OH-UG Conversion WR 4269737 Project;
- City of Fort Lauderdale Lead and Copper Rule Revision Project

Media Relations Group, LLC (WBE)

Media Relations Group, LLC (MRG) is a certified woman-owned public information company, specializing in public and private sector public involvement campaigns. For 26+ years, MRG has had the opportunity to coordinate public involvement efforts for several design as well as construction projects and is very familiar with the issues that will affect the residents, businesses, and other stakeholders that encompass Southwest and Central Florida. MRG has managed and provided technical leadership on a number of transportation and infrastructure projects for several agencies including the Broward Metropolitan Planning Organization (BMPO), the City of Hollywood, City of Fort Lauderdale, and FDOT District Four within Broward County. We have included two media relations specialists for this contract to support GFT with **Community Outreach and Stakeholder engagement**: Dayana Sanjurjo & Poullette Summers.

Relevant Projects

- City of Miami Beach Public Information Services First Street & South Pointe Stormwater Improvement Project
- MDWASD SW 117 Avenue (Area N) Project

Metco Southeast, LLC (CBE)

Metco Southeast is a minority-owned firm established in 2008 to provide multi-disciplined consulting engineering services to meet the needs of the communities located in the State of Florida in the areas of water and wastewater systems. Since its inception, Metco Southeast has established a well-earned reputation for the delivery of complex design engineering solutions in addressing the needs of the most challenging engineering projects. They are also a Certified Small and Disadvantaged Business with multiple agencies throughout the region including Broward County. They have included two Florida-licensed professional engineers on this contract to support GFT with **MEP and I&C**: Luis Rosario and Satya Vangala.

Relevant Projects

- City of Hollywood Deep Injection Wells No. 3 And No. 4 Pump Station
- Broward County W/WW Services Improvements to Fine Bubble Aeration Basin Conversion at North Regional WWTP

Scalar Consulting Group, LLC

Scalar was founded in 2011 in West Palm Beach, Florida. Since then, they have grown into a full-service, multidisciplinary firm specializing in engineering design, environmental services, and construction inspection. Their project portfolio ranges from small, localized improvements to regionally significant, large-scale infrastructure projects. They have extensive experience with continuing services and general engineering contracts across Florida. Scalar's team brings decades of combined experience in transportation engineering and construction inspection, providing relevant services such as drainage design and permitting. We have included two Scalar professionals for this contract to support GFT with **H&H modeling/drainage**: David Boyer, PE, CFM and Denys Avila, PE.

Relevant Projects

- FDOT District 4 SR A1A Tidal Flooding Study - Phase 1
- FDOT District 4 SR A1A Tidal Flooding Study - Phase 2
- FDOT District 4 SR A1A Tidal Flooding Study - Phase 3



Yurfa Glenn, PMP, ENV SP

Program Manager

► YEARS OF EXPERIENCE WITH GFT:

7

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

17

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

80%

► EDUCATION:

BS, Civil Engineering,
Florida International
University, 1999

► REGISTRATIONS:

Envision Sustainability
Professional (ENV SP),
No. 26748

Project Management
Professional (PMP) - No.
1608621

Yurfa brings experience in project delivery and management for complex infrastructure projects and programs. Throughout her career she has managed multi-disciplinary teams of engineers, architects, scientists, and construction professionals, while coordinating closely with public engagement offices and regulatory agencies at the local, state, and federal levels. Yurfa is familiar with the City of Hollywood, as she worked closely with the City's leadership providing CIP Program Program Controls from 2009 through 2013. Yurfa gained Program Management experience since early in her career, having formed part of Miami Dade Pump Station Improvements Program, United Utilities AMP 3 Program (UK), SRCSD Mather and Southern Interceptor Program (Sacramento, CA), San Joaquin River Restoration Program (Sacramento, CA) and recently, Miami-Dade WASD Consent Decree and Ocean Outfall Legislation Programs. She has performed multiple roles from program leadership to program design manager for CIP infrastructure of over \$1B in construction. She bring the experience and understanding of of the City of Hollywood success factors and priorities.

RELEVANT PROJECTS

Five-Year Capital Improvements Program Controls, Hollywood, FL, City of Hollywood. Project Manager working closely with the city of Hollywood's Utility Financial Director and capital improvements management team to monitor and control Hollywood's \$200 million capital improvement program. Gathered and monitored portfolio expenditures and project schedules and provided monthly reports to Hollywood's Utilities Director and other stakeholders. Projects were input in Oracle Primavera, and reports were created in Microsoft Excel format per Hollywood request. Monthly deliverables included programmatic cashflow graphs at portfolio level, project-specific level, and individual life-cycles project levels.

Consent Decree Program and Construction Management Services, Miami-Dade County, FL, MDWASD. Partner Principal, Advisor, and Supervisor under GFT for the program and construction management of wastewater facility upgrades mandated by a U.S. EPA consent decree for Miami-Dade County. Led a team responsible for engineering verification, scope development, consultant procurement, permitting, and quality control, and coordinated with MDWASD Procurement on bid evaluations and award recommendations under fast-tracked schedules. Under MWH, Program Manager for the design of 54 consent decree projects, overseeing team structure, permitting, and reporting, and served as Project Manager for headworks and digester improvements at the Central District plant.

Ocean Outfall Legislation Program - Wastewater System Priority Projects Program Management Support, Miami, FL, MDWASD. Partner Principal, Advisor, and Supervisor, performing project and construction management tasks in support of the Ocean Outfall Legislation program. Contributed

institutional knowledge of wastewater, collection, and disposal systems to the conceptual planning for the North District treatment plant. Responsibilities included managing design consultants, overseeing risk, change, and design processes, ensuring quality assurance, and acting as liaison between operations and consultants. Developed progress reports, reviewed deliverables and invoices, facilitated meetings, and maintained schedule milestones to meet program requirements.

Larchmont Area Sanitary Sewer/Resiliency Improvements Program, Norfolk, VA, Hampton Roads Sanitation District. Project Principal and Project Controls lead for three pump station replacements, three pump station rehabilitations, and three service area improvement projects jointly managed by HRSD and Norfolk Utilities. Supported the pump station design team, pipeline design team, communications team, and construction management team as part of a successful multi-phased replacement program. Responsible for assisting the Project Manager with monthly reviews of budget, schedule, quality, and risks to help identify mitigation actions during the design phase.

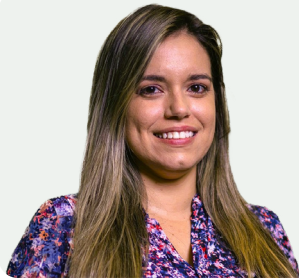
S-27 Forward Flow Pump Station and Gate Structure Improvements, Miami, FL, South Florida Water Management District (SFWMD). Project Manager responsible for design of a new flood control pump station and associated infrastructure to improve the systemwide regional water management existing flood protection level of service with consideration to future conditions, including sea level rise projections throughout South Florida.

Wastewater System Priority Projects, Miami-Dade County, FL, MDWASD. Partner Principal, Advisor, and Supervisor performing project management and construction management tasks. Knowledgeable on the wastewater facilities, collection system, and disposal facilities, providing institutional experience for consideration in the conceptual plan for the NDWWTP. Team duties include managing design consultants, providing and maintaining reporting requirements for the client and stakeholders; assessing and managing risk; managing design processes; managing change; providing quality assurance reviews; and acting as the liaison between WASD operations and the design consultants. Also developing progress reports; recommending approval of deliverables and invoices; preparing for and holding meetings; and updating and managing the project schedule milestones to adhere to Ocean Outfall Legislation implementation program requirements.

Master Pump Station No. 3, Miami, FL, MDWASD. Project Manager for the design of a new 21 mgd Master Sewer Pump Station serving the rapidly growing Brickell area. Managed coordination with the design team and client, and led negotiations for City of Miami Warrant approvals. The project included survey, geotechnical work, and multi-disciplinary design across civil, electrical, structural, architectural, and mechanical systems. Key features included dual multi-level structures with VFD-driven pumps, a 1,500 kW emergency generator, and resilient infrastructure elements such as dual power, surge protection, odor control, and aesthetic enhancements.

Biscayne Bay Coastal Wetlands Rehydration Pilot Project, Miami, FL, MDWASD. Project Manager that led the planning, design, construction, and operation of a tertiary treatment pilot plant at the South District Wastewater Treatment Plant using secondary effluent. Managed budget, schedule, vendor coordination, start-up, testing logistics, quality control, and reporting. The pilot evaluated a membrane bioreactor and advanced oxidation for wetlands rehydration, supported by cost-benefit and business-case analyses.

Central District Wastewater Treatment Plant and Associated Master Pump Stations No. 1 and No. 2 Renew and Replacement (R&R) Program, Miami, FL, MDWASD. Project Manager for multiple projects under the CDWWTP R&R program, including off-site MPSs 1 and 2. Oversaw condition assessments using asset management tools to support inspection, evaluation, and project prioritization. Deliverables included basis of design memorandums for planned improvements such as pump impeller replacement, electrical and I&C upgrades, seawall repairs, hardening, and aesthetic enhancements. MPS design and construction were part of Consent Decree projects.



Lilian Marrero, PE, ENV SP

Deputy Program Manager

► YEARS OF EXPERIENCE WITH GFT:

4

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

9

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

100%

► EDUCATION:

MS, Civil Engineering,
Florida International
University, 2013

BS, Civil Engineering,
Florida International
University, 2011

► REGISTRATIONS:

Professional Engineer
(PE), FL - No. PE92772

Envision Sustainability
Professional (ENV SP),
No. 49993

Lilian brings experience managing water and wastewater infrastructure projects from planning through construction. She leads multi-disciplinary teams, oversees budgets and schedules, coordinates permitting, and provides engineering services during construction. Lilian regularly delivers complex task order projects involving facility expansions, storm hardening, and M/E/C upgrades. She has prepared technical reports and design documents, supported client procurement, and currently serves as Project Manager for the City of Hollywood's utility relocations along State Road A1A.

RELEVANT PROJECTS

Infrastructure General Engineering Services, Hollywood, FL, City of Hollywood. Project Manager for multiple City of Hollywood projects including the design of numerous water, sanitary sewer, and force main pipeline relocations along State Road A1A and a new Stormwater Culvert crossing Johnson Street. Responsible for managing the design team, leading permitting, and client/FDOT communication for the successful relocation of utilities. The project also includes close coordination with the FDOT permitting, bidding assistance, engineering services during construction, and support with funding compliance.

Lake Belmar Stormwater Pump Station Study and Design, Miami-Dade County, FL, Miami-Dade County Department of Transportation and Public Works. Project Manager, Project Technical Lead and Process Mechanical Lead for the design of a 90 CFS stormwater pump station near Lake Belmar for Miami-Dade County. Led field investigations, technology evaluations, design of the pump station and seawall, cost estimating, and permitting. Also managed civil and process mechanical design, coordinated the multidisciplinary team, ensured QA/QC, and supported construction-phase services.

Consent Decree Program and Construction Management Services, Miami-Dade County, FL, MDWASD. Served as Project Technical Lead for multiple projects in the Consent Decree program, leading multi-disciplinary teams, delivering complex infrastructure projects under regulatory mandates including design of anaerobic digester clusters, headworks, and a new effluent pump station electrical building. Responsible for developing detailed technical specifications, drawings, permitting, procurement plan, construction schedule, etc., all of which was incorporated into a biddable package for procurement by the owner. Evaluations of proposals and recommendations were also part of the scope of work. Provided construction oversight for these large-scale infrastructure projects. In addition, helped streamlined the permitting process with regulatory agencies at a program level and developed a comprehensive Health and Safety Plan, ensuring regulatory compliance and fostering a strong safety culture across field operations.

Pump Station Improvement Program (PSIP), Miami-Dade County, FL, MDWASD. Performed strategic evaluation and rehabilitation of pump stations operating above the nominal average pump operating time (NAPOT) threshold as part of a countywide effort to improve system performance and regulatory compliance. Responsibilities included conducting field data collection, performing hydraulic analyses, and developing and reviewing Remedial Action Plans for a range of pump stations within the Wastewater Collection and Transmission System (WCTS). Assessed pump station capacities against MDWASD performance standards and recommended site-specific improvements to enhance operational reliability and reduce system vulnerabilities. This work directly supports the objectives of stormwater infrastructure program management by applying data-driven analysis and field verification to inform the planning, prioritization, and implementation of system upgrades that strengthen infrastructure resiliency and ensure long-term regulatory compliance.

City of Sunrise Program Management Services, Sunrise, FL, City of Sunrise. Provided comprehensive technical and administrative support as part of a multi-disciplinary team delivering program management services for the City of Sunrise. Responsibilities included maintaining document control and tracking project deliverables to ensure quality and timely submissions across a portfolio of water and wastewater infrastructure projects. Reported critical schedule milestones and permitting statuses to project managers through weekly updates, enabling proactive decision-making and maintaining alignment with program objectives. Played a key role in managing and maintaining the Sunrise Program SharePoint site by organizing and updating financial data, project deliverables, and correspondence to ensure information was accurate, accessible, and well-structured for all stakeholders. Performed QA/QC of the financial database, reviewed vendor and consultant invoices for accuracy and compliance, and supported the validation of project schedules and logs. This experience underscores the importance of program-level coordination, data integrity, and effective communication.

S-27 Forward Flow Pump Station and Gate Structure Improvements, West Palm Beach, FL, SFWMD. Project Technical Lead for the 1,500 CFS S-27 pump station, managing design, technology evaluations, and sea level rise mitigation. The pump station layout includes an adjustable weir to maintain constant head and prevent back flow. The pump station was designed for unmanned operations and equipped for remote operations. A Generator and Control Building was designed to house the emergency generators and ancillary electrical equipment. This building included a Generator Room, Electrical Room, IT Room, and Control Room. Design services included the first phase of geotechnical investigations, initial topographic surveys of the project site, hydrologic and hydraulic modeling of S-27 Pump Station to optimize the site layout and minimize the potential for erosion in the canal. Oversaw geotechnical work, H&H modeling, and prepared design documentation, including evaluation of various pumping and screening technologies suitable for this application, led the overall design management among the multidisciplinary engineering team and enforced quality assurance/quality control measures to comply with the SFWMD submittal requirements.



Kyle Logue, PE

Program Director

► YEARS OF EXPERIENCE WITH GFT:

2

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

15

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

20%

► EDUCATION:

MS, Civil Engineering,
Florida International
University, 2013

BS, Civil Engineering,
Portland State University,
2010

► REGISTRATIONS:

Professional Engineer
(PE), VA

Kyle will serve as Program Director, bringing specialized expertise in program management, funding, and regulatory compliance. As a Vice President of GFT, he has provided project and program management for major water, wastewater, and stormwater infrastructure projects. Kyle has led high-priority initiatives for municipal and utility clients and has supported clients in securing and managing over \$40 million in alternative funding and grants.

RELEVANT PROJECTS

Project Director for Water Resources Division Extended Staff Support for the City of Richmond, Richmond, VA, *City of Richmond*. Project Director supporting the project management team in reviewing permit applications and civil plan sets for compliance with stormwater and erosion control regulations, including water quantity and quality calculations. The scope of work provided support to the Water Resources Division permit review team and aided in issuing and approving land disturbing permits, Richmond Stormwater Management Program Permit, storm drainage permits, no rise certificates, and flood compliance studies permit.

Hampton Roads Sanitation District (HRSD) Wet Weather Consent Program, VA, *HRSD*. Project Manager and Engineer, worked on compliance and planning projects for the Hampton Roads Sanitation District (HRSD) regionalized consent decree program, including developing analytical tools to determine overall compliance and developing consent-driven capital improvement project lists. Tasks included managing subconsultants, maintaining client and stakeholder reporting, overseeing risk and planning, implementing changes, performing QA reviews, coordinating with localities and HRSD operations, preparing progress reports, reviewing deliverables, leading meetings, and ensuring program compliance.

County of Henrico Grant Pursuit Program, Henrico, VA, *County of Henrico*. Project Manager supporting grant pursuits through the Virginia Community Flood Preparedness Fund and FEMA's Building Resilient Infrastructure and Communities program. Led the development of four grant applications requesting \$14.8 million for scoping and design services to implement resiliency upgrades at two county pump stations, flow equalization tanks, and a water reclamation facility to address localized flooding and improve wet weather capacity.

Water Distribution and Water Utility Extension of Staff, Richmond, VA, *City of Richmond*. Project Director supporting the City of Richmond Department of Public Utilities Water Utility and Distribution operations. Coordinated with department leadership to address high-priority needs and oversaw five on-site contract staff. Responsibilities included managing daily activities, reviewing developer utility design packages, and developing asset renewal projects for the city's aging water infrastructure.



Eddie Aplerh-Doku, PE, ENV SP, DBIA

Program Advisor

► YEARS OF EXPERIENCE WITH GFT:

1

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

24

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

35%

► EDUCATION:

MBA, Business Administration, American University, 2017

MS, Civil Engineering, New Jersey Institute of Technology, 2011

BS, Civil Engineering, New Jersey Institute of Technology, 2009

► REGISTRATIONS:

Professional Engineer (PE), NJ, VA, MD, DC, NY, TX

Envision Sustainability Professional (ENV SP), No. 49216

Designated Design-Build Professional (DBIA), No. D-3451

Eddie serves as Assistant Director for GFT's Water Group and has led multidisciplinary teams on design-build and infrastructure improvement projects. He has managed large-scale capital programs ranging from \$2 million to \$1 billion, with a proven track record in engineering and program management, driving innovation, delivering results, and leading high-performance teams.

RELEVANT PROJECTS

Capital Projects Program, Buffalo, NY, Buffalo Sewer Authority. Program Manager for the Buffalo Sewer Authority Capital Projects Program, overseeing the setup, management, and implementation of a \$750 million to \$1 billion program. The work included reducing combined sewer overflows, upgrading pump stations, rehabilitating the Bird Island Wastewater Treatment Facility, supporting community engagement, and managing a sustainable community benefits program. Responsibilities included managing project design engineers (outside engineering firms), oversight of project planning, design, and construction.

Wastewater Capital Improvement Plan, Prince William County, VA, Prince William County Service Authority - Environmental Services and Water Reclamation Division. Program Manager for a wastewater program with the PWCSA, responsible for annual capital improvement plan updates, managing studies, design, and design-build projects, and overseeing basic ordering agreements and task orders. Additional tasks included updating standard operating procedures, presenting biweekly project progress, and supporting long-term facilities planning.

H.L. Mooney Advanced Water Reclamation Facility (AWRF) Plant Improvements, Woodbridge, VA, Prince William Water. Owner's Consultant and Advisor Program Manager for a \$190 million progressive design-build AWRF upgrade, addressing aging infrastructure and improving operations while maintaining service. Led a multidisciplinary team overseeing design and construction for contract compliance, and supported cost control, risk management, quality assurance, and funding. Additional responsibilities included design review, permitting, asset and operations planning, warranty management, stakeholder engagement, and project communications.

Wet Weather Consent Decree Compliance Program Management, Baltimore, MD, City of Baltimore. Project Manager leading a team of engineers, planners, and IT specialists to implement and enhance the City's Integrated Planning Framework (IPF), a modified Triple Bottom Line approach for project prioritization and CIP planning. The team used the CIPace platform to streamline input criteria and incorporate equity into a data-driven ranking system. Also supported the Department of Public Works with technical documentation for State Revolving Fund and WIFIA funding applications.



Elik Livay, PE, ENV SP, DBIA, PMP

Program Advisor

► YEARS OF EXPERIENCE WITH GFT:

22

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

6

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

35%

► EDUCATION:

MS, Civil Engineering,
Norwich University, 2008

BS, Civil Engineering,
Morgan State University,
2004

► REGISTRATIONS:

Professional Engineer
(PE), FL - No. PE75329;
MD, DC, ID, VA, NY, IN,
NC, DE, OR

Envision Sustainability
Professional (ENV SP) -
No. 19994

Designated Design-Build
Professional (DBIA) - No.
D-2948

Project Management
Professional (PMP) - No.
1372191

Elik brings experience managing large-scale water and environmental infrastructure programs, with a focus on constructability, sustainability, and quality oversight. He has led multidisciplinary teams and provided QA/QC, budget and schedule management, hydraulic analysis, and permitting for complex, multimillion-dollar projects using both traditional and alternative delivery methods. Elik has held senior roles on large on-call program management contracts, including serving on the Joint Venture Executive Leadership Team for the recently awarded City of Baltimore On-Call Program Management contract. His portfolio includes leading long-term programs across the Northeast and Mid-Atlantic, directing teams and coordinating with agencies to deliver infrastructure solutions.

RELEVANT PROJECTS

On-Call Engineering Services, Virginia Beach, VA, HRSD. Project Principal and Task Manager for technical analyses, design services, construction administration services, inspection services, and specialty studies for HRSD's treatment plants, pump stations, and administrative and maintenance facilities.

General Engineering Services BOA 16688, Various Locations, MD, Confidential Client. Project Principal providing contract oversight, staffing coordination, and support to the Project Manager to ensure high-quality, on-time, and within-budget delivery. Responsibilities have included design, evaluation, and permitting coordination for tasks such as the Clinton Zone Transmission Improvements and the Little Seneca Dam Auxiliary Spillway Erodibility Analysis Report Review.

Larchmont Area Sanitary Sewer/Resiliency Improvements Program, Norfolk, VA, HRSD. Alternative Delivery Expert providing professional consulting services for three PS replacements, three PS rehabilitations, and associated force and gravity mains in the historic community of Larchmont, near Old Dominion University.

Wastewater System Priority Projects, Miami, FL, Miami-Dade County. QA/QC and Task Manager for design projects at the Central and South District WWTPs. Responsibilities included managing design consultants, reporting, risk and change management, QA reviews, and maintaining project schedules in compliance with OOL Implementation Program requirements.

Wastewater System Priority Projects - OOL Program High-Level Disinfection System and Peak Flow Treatment Conceptual Design Report, Miami, FL, Miami-Dade County. QA/QC for the evaluation and conceptual design of improvements to the NDWWTP effluent pump station under Task Authorization 22. The project involved assessing the conversion of the existing station into a dual-purpose facility to convey secondary effluent to both future high-level disinfection facilities and the existing ocean outfall, in alignment with OOL program requirements.



Jessica Hou, PE, BCEE, PMP, ENV SP

Program Advisor

► YEARS OF EXPERIENCE WITH GFT:

26

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

3

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

35%

► EDUCATION:

MS, Environmental Engineering, Old Dominion University, 2004

BS, Civil Engineering, Old Dominion University, 1998

► REGISTRATIONS:

Professional Engineer (PE), VA

Envision Sustainability Professional (ENV SP), No. 7548

Project Management Professional (PMP) - No. 57938

Jessica brings experience in engineering and design services. She has extensive expertise managing and coordinating multidisciplinary teams and excels in client and program management, team leadership, and project delivery. Jessica is known for fostering strong professional relationships and applying a collaborative approach to complex, multi-phase projects.

RELEVANT PROJECTS

On-Call Engineering Services, Virginia Beach, VA, HRSD. Project Manager overseeing technical analysis, design, construction support, inspections, and specialty studies for HRSD facilities. Responsibilities includes staff augmentation, pump station rehabilitation and replacement, gravity sewer improvements, feasibility studies, and standards development for small community pump stations.

Larchmont Area Sanitary Sewer/Resiliency Improvements Program, Norfolk, VA, HRSD. Program Manager for a multi-phased program involving three pump station replacements, three rehabilitations, and three service area improvements, jointly managed by HRSD and Norfolk Utilities. Led the pump station, pipeline, communications, and construction management teams. The project is in the preliminary engineering phase and will be delivered using the construction manager at-risk (CMAR) method.

On-Call Engineering and Support Services, Stafford County, VA, Stafford County. Project Manager and Coordinator who provided task coordination, team oversight, financial and schedule management, and deliverables compliance across multiple assignments. Responsible for preliminary engineering and evaluation for switchgear upgrades at Aquia Wastewater Treatment Plant, design and bid documents for repainting and repairs at the Amyclae Water Storage Tank, and support for pump station prioritization, Abel Lake sluice gate repair, and Enon Road Tank construction services.

Water, Wastewater, and Stormwater Utility Engineering Services, Richmond, VA, City of Richmond. Project Manager for engineering services to perform preliminary design for upgrades to the backwash waste pump system at the City of Richmond's WTP. In addition to project oversight, responsibilities included client communications, staffing, allocation of resources, and project administration.

South Shore Gravity Sewer Improvements, Virginia Beach, VA, HRSD. Project Principal for oversight of professional engineering services for the evaluation of alternatives, preliminary engineering report preparation, and design review for the rehabilitation/replacement of influent gravity sanitary sewer pipeline segments at three pump stations and within one neighborhood within the South Shore system.



Rashmi Koul

Program Controls Lead

► **YEARS OF EXPERIENCE WITH GFT:**

1

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

17

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

80%

► **EDUCATION:**

BS, Civil Engineering,
Jawaharlal Nehru
Technological University,
2007

Rashmi is a Senior Project Manager leading cross functional teams and delivering projects on time and within budget. She is skilled across all phases of the project lifecycle, from planning to closeout, and excels at enhancing project efficiency, stakeholder engagement, and collaboration. Rashmi is adept at driving initiatives, optimizing processes, and fostering teamwork to achieve project goals.

RELEVANT PROJECTS

Central District WWTP Oxygen Production Design Criteria and Engineering Services During Construction - Consent Decree 2.27, Miami, FL, MDWASD. Project Manager who oversaw the preparation of Record Drawings and project closeout for construction-ready components. Managed the development of the Design Criteria Package, including a BODR, preliminary design drawings, geotechnical investigation, technical specifications, and engineering support for the Request for Design-Build Services and procurement. The scope also included engineering services during design and construction, with a total fee of \$2 million.

Central District WWTP Headworks Upgrades - Consent Decree 2.03 and 2.04, Miami, FL, MDWASD. Project Manager who handled client coordination, invoicing, record drawing input, and project closeout for a \$5.13M design effort. The scope included capacity expansion at Master Pump Station 2, Plant 2 screening and grit improvements, hydraulic upgrades, and influent feed modifications. Oversaw design document development, permitting, bidding support, and construction-phase services.

Remove and Replace pH Dilution Mixing Zone Study, Miami, FL, MDWASD. Project Manager who oversaw deliverables, scheduling, meetings, invoicing, and client coordination for a \$49,219 dilution study. The project involved data review, seawater sampling, and lab testing to determine dilution ratios needed to meet pH compliance at the effluent monitoring point.

South District WWTP Odor Control Scrubber Buildings Upgrades - Consent Decree 1.10, Miami, FL, MDWASD. Project Manager who managed deliverables, scheduling, invoicing, client coordination, and resolution of technical issues during construction. Oversaw responses to RFIs, submittal reviews, and supported updates to system O&M manuals, record drawings, Revit models, and project closeout documentation. The \$1.8M scope included preparing detailed design documents based on the approved BODR, producing all submittal packages, equipment procurement documentation, permitting assistance, bidding support, and engineering services during construction.



Bryant Facey, PE

Program Planning/Design Lead

► YEARS OF EXPERIENCE WITH GFT:

1

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

19

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

80%

► EDUCATION:

BS, Environmental Engineering, University of Central Florida, 2005

► REGISTRATIONS:

Professional Engineer (PE), FL - No. 76026

Bryant brings experience in water and wastewater infrastructure design, project and construction management, and regulatory review. He has successfully managed a diverse portfolio of engineering projects totaling over \$100 million. Bryant is skilled in technical reviews, quality assurance, and verifying compliance with governmental regulations, and he excels in client engagement, business development, and building long-term client partnerships.

RELEVANT PROJECTS

Infrastructure General Engineering Services, Hollywood, FL, City of Hollywood. Senior project manager and senior engineer for various water and wastewater pipeline projects, including water and force main extensions, utility relocations, and stormwater management.

Standards Review and Update, Miami, FL, Miami-Dade County. Lead process mechanical senior engineer to provide input for standards and specifications review and revisions for water and wastewater treatment facilities.

Master Pump Station 300 Rehabilitation, Dania Beach, FL, Broward County. Technical engineer lead and senior process mechanical design engineer for conversion of existing master pump station from a dry/wet well into an in-line wastewater booster station.

On-Call Airport Utilities and Pavement Projects, Fort Lauderdale, FL, Broward County Aviation Department. Project manager and lead senior design engineer for two separate projects, first project is design of client's first stormwater pump station to enhance and increase the efficiency of stormwater discharge of a portion of an Airports stormwater management system, second project was to evaluate and design backflow prevention devices for airport primary stormwater outfalls

East and West Booster Station Generator Replacement, Coral Springs, FL, City of Coral Springs. Project Manager and Lead Design Engineer for the replacement and upgrade of two potable water booster station emergency generators, one 295 kW liquid propane gas generator and one 300 kW diesel generator. The scope included generator replacement, modifications to fuel, exhaust, and electrical systems, and installation of noise reduction materials in select buildings.

Sodium Hypochlorite System Modifications, Coral Springs, FL, City of Coral Springs. Project Manager and Senior Design Engineer for a design-build project to upgrade the Sodium Hypochlorite feed and storage system at a water treatment plant. Work included replacing two bulk storage tanks, installing four 10 gpm feed pumps, and upgrading injection points to meet permit requirements.



Martin Benzaquen, PE, ENV SP

Construction Program Lead

► **YEARS OF EXPERIENCE WITH GFT:**

15

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

11

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

80%

► **EDUCATION:**

MS, Construction Management, Florida International University, 2009

BS, Civil Engineering, National University of Rosario, 2000

► **REGISTRATIONS:**

Professional Engineer (PE), FL - No. 64000

Envision Sustainability Professional (ENV SP), No. 5434

Martin brings experience in the design and construction industry in South Florida. He provides construction, engineering, and inspection (CEI) services for major roadway and civil projects and has led inspection teams of more than 20 engineers and specialists for public agencies. Martin specializes in construction and program management, CPM scheduling, project controls, and claims analysis. He has also held leadership roles in both construction and consulting, supporting projects valued at over \$500 million.

RELEVANT PROJECTS

Wave Streetcar Program Management Support, Various Locations, FL, South Florida Regional Transportation Authority. Project Manager representing the agency on a \$45 million design-build contract. Responsibilities included preparing the procurement package, reviewing concept plans, analyzing cost estimates and schedules, hosting an industry forum, coordinating with CSX and Amtrak, contributing to the Inter-Local Agreement, and reporting to FTA on grant expenditures. The project scope included a new commuter rail layover facility, service and inspection pits, car wash, SFRC mainline realignment, 0.5 miles of noise wall, access road and drainage improvements, and a 7,800 SF LEED-certified crew building.

Wave Streetcar Design-Build, Fort Lauderdale, FL, Florida Department of Transportation (FDOT) - District 4. Project Manager for a \$200 million, 2.8-mile modern streetcar project in downtown Fort Lauderdale. Scope included vehicle procurement, design and construction of a maintenance facility, catenary system, utility relocation, track installation, and retrofit of the 3rd Avenue bascule bridge. Project partners included the City of Fort Lauderdale, Broward County, MPO, FDOT, DDA, and the Federal Transit Administration.

Construction Engineering and Inspection, Broward County, FL, FDOT - District 4. Senior Project Engineer for a \$20 million CEI grouping that included roadway reconstruction and bridge replacement on NW 21st Avenue, milling, resurfacing and widening of S.R. A1A Dania Beach Boulevard, replacement of the bridge fender system on the Hillsboro Canal, and roadway, signal, and lighting improvements along U.S. 1 between Sample Road and the Broward/Palm Beach County Line.

S.R. 836 Ramp Connections Construction Engineering and Inspection, Miami-Dade County, FL, Greater Miami Expressway Agency. Project Engineer for this \$41M design-build project that includes new ramps between the FTE express lanes and the SR 836 extension. The scope included three new bridges, four new ramps, fiber-optic cable relocation, and new ITS devices with the integration and testing using the traffic management center (TMC) and the SunGuide platform, miscellaneous structures for new signing, and lighting.



Carolina Cubides, PE, PMP

Stakeholder Liaison and Community Support Lead

► **YEARS OF EXPERIENCE WITH GFT:**

7

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

12

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

80%

► **EDUCATION:**

MS, Civil Engineering,
Politecnico di Milano,
Lecco, Italy, 2011

BS, Civil Engineering,
University of Florida,
2005

► **REGISTRATIONS:**

Professional Engineer
(PE), FL - No. PE80493

Project Management
Professional (PMP), No.
1956905

Carolina brings experience in design management and project performance monitoring. She has led multidisciplinary teams through all phases of development, including field investigations, permitting, and procurement, requiring coordination with clients, agencies, and stakeholders. Her ability to align teams with project schedules allows her to serve as an effective liaison, fostering transparency, responsiveness, and trust in project delivery.

RELEVANT PROJECTS

Ocean Outfall Legislation Program - Wastewater System Priority Projects Program Management Support, Miami, FL, MDWASD. Project Manager on the Owner's Representative Team overseeing design consultants, schedules, QA, risk registers, and stakeholder coordination for major projects at the Central and South District Wastewater Treatment Plants. Managed deliverables through e-Builder and supported task authorizations for North District projects. Key projects responsible for included new clarifiers, pump stations, chlorine contact chambers, injection wells, filter trains, and electrical substations.

Ocean Outfall Legislation Program - North District Wastewater Treatment Plant High-Level Disinfection System and Peak Flow Treatment Conceptual Design Report, Miami, FL, MDWASD. Project Manager for the conceptual design report at the North District Wastewater Treatment Plant under Task Authorization 22, leading a team of six consultants to define improvements for Ocean Outfall Legislation compliance. Coordinated with Operations to review process areas, including high-level disinfection facilities and supporting systems. Also managed the evaluation of converting the effluent pump station into a dual-purpose facility, addressing flow sequencing, header design, and sea level rise through 2040.

Ocean Outfall Legislation Program - Procurement for Injection Wells at South and Central District Wastewater Treatment Plant, Miami, FL, MDWASD. Project Manager overseeing procurement for SE-2 and CE-2, coordinating front-end document revisions with the client, maintaining the RFI log, and preparing addenda. SE-2 included construction of three injection wells at the South District Wastewater Treatment Plant, and CE-2 included seven injection wells and four monitoring wells at the Central District Plant.

Central District Wastewater Treatment Plan Oxygen Production Facility Design-Build - Consent Decree Project 2.27, Miami, FL, MDWASD. Project Manager for design services on a new oxygen production facility, overseeing subconsultants and coordinating with the program and construction managers. Led preparation of the design criteria package, including site prep components for utility relocations and demolition. Conducted field investigations, QA/QC reviews, and evaluated design-build proposals.



Yalda Mokhayeri, PhD, PE

Project Controls

► **YEARS OF EXPERIENCE WITH GFT:**

1

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

23

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

70%

► **EDUCATION:**

PhD, Environmental Engineering, George Washington University, 2010

MS, Environmental Engineering, George Washington University, 2003

BS, Chemical Engineering, Sharif University of Technology, 1998

► **REGISTRATIONS:**

Professional Engineer (PE), MD

Yalda is an environmental engineer with expertise in project management, wastewater treatment, data analysis, process modeling and optimization, research, field investigation, and laboratory methods. Over the past 10 years, she has provided project management and technical support on major wastewater facility projects totaling over \$600 million.

RELEVANT PROJECTS

H.L. Mooney Advanced Water Reclamation Facility Design-Build (DB) Rehabilitation, Prince William County, VA, *Prince William Water*. Project Manager overseeing planning, budgeting, and resource allocation to deliver the project on time and within budget. Responsibilities included managing contracts, invoicing, and reporting. Led progress meetings, coordinated reviews with the owner's consultant and client, and verified that comments were addressed in DB submittals. Managed risk mitigation, acted as liaison with VADEQ for loan and disbursement processes, and led the transition from design to construction phase, assembling the construction management team.

Tunnel Dewatering Pump Station and Enhanced Clarification Facility DB Project, Sidestream Filtrate Treatment Facility Project, and Secondary Treatment Upgrades Project, Washington, DC, *DC Water*. Deputy Project Manager for development of project specifications, facilitating comment resolution between the DB team and DC Water, and ensuring quality control for deliverables. Reviewed technical reports, design submissions, and contracts to ensure compliance with performance standards and contract requirements.

Sidestream Filtrate Treatment Facility Project, Washington, District of Columbia, *DC Water*. Deputy Project Manager for the filtrate treatment facility project. This novel anammox-based side stream treatment process called the DEMON process, represents a significant breakthrough in nitrogen removal because it does not require the addition of methanol, uses 60 percent less energy than mainstream treatment, and has the lowest greenhouse gas emissions of all the processes considered for this project. Reviewed contract materials and invoices and managed a project schedule so that activities maintained compliance with the contract.

Water Process Facilities Program Management, Washington, DC, *DC Water*. Responsible for leading, coordinating, and overseeing all phases of design development for assigned projects. Serves as the primary liaison between the owner and design consultants to verify that the design aligns with the project's goals, schedule, budget, and quality standards. Two projects are being delivered through the CMAR method, requiring active management of the design process and close collaboration with CMAR contractors to ensure the design supports the overall project execution strategy.



Ohan Oumouidan

GIS and Data Management

► **YEARS OF EXPERIENCE WITH GFT:**

7

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

11

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

70%

► **EDUCATION:**

MS, Software Engineering, Villanova University, 2018

MS, Computer Science, Lebanese American University, 2011

BS, Computer Science, Lebanese American University, 2007

BS, Collège du Sacré Cœur, Frères - Gemmayzé, 2003

Ohan is a GIS Architect with expertise in geospatial design, enterprise solutions, and analytics. He provides strategic support in research, technology development, and data-driven decision-making across web, mobile, and desktop platforms. His experience includes enterprise solution design, implementation, training, system architecture, emergency response, and software team support. His technical skills include application development, database modeling, Esri platforms, scripting, cloud/server management, and infrastructure planning.

RELEVANT PROJECTS

Vegetation Management Data Collection, West Palm Beach, FL, Confidential Client. Solution Lead who migrated the client's existing system to a more user-friendly and flight-compatible interface. Using offline maps provided by the client and extending Survey123 to function as a sketchpad, the solution supported over three hours of helicopter-based data collection. It enabled the capture of points, lines, polygons, and flight breadcrumbs, with data converted to its final format using a Python script in ArcGIS Online.

Stream Outfall Reconnaissance Inventory, Nassau County, NY, Nassau County Department of Public Works. Subject Matter Expert and Data Analyst who conducted site inspections, documented stormwater outfalls, and categorized each outfall in a GIS Dashboard application. The team applied prior outfall experience with NCDPW, stormwater expertise, and capabilities for navigating difficult sites. Support included outfall assessment, illicit discharge monitoring, field data collection, GIS database development, sampling, and both dry and wet weather inspections. All work adhered to NPDES and U.S. EPA reporting requirements.

Capital Infrastructure Improvement Construction Program Management, Chicago, IL, Chicago Transit Authority. Architect responsible for modeling electric bus performance simulations on existing transit routes to assess feasibility and charging infrastructure needs. Managed capital projects from pre-planning through construction, including strategic planning, scope development, team coordination, and monitoring of deliverables.

Transportation Systems Management and Operations Program Consultant Services, Broward, Palm Beach, Martin, St. Lucie, and Indian River Counties, FL, FDOT - District 4. Subject Matter Expert and Data Analyst supporting the District's TSMO program with congestion and detour analysis using RITIS data. Assessed impacts of I-95 closures using travel time reliability metrics, MVDS data, crash data, and detour recommendations. Demonstrated TSMO's role in operational decision-making through dashboards, maps, and probe data analysis.



Matt Vaughn, EIT, CEP

Estimating and CPM Scheduling

► YEARS OF EXPERIENCE WITH GFT:

11

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

4

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

70%

► EDUCATION:

BS, Construction Engineering and Management, Virginia Polytechnic Institute and State University, 2014

► REGISTRATIONS:

Engineer-in-Training (EIT), VA

Certified Estimating Professional (CEP), No. 00574

Matt is a Senior Estimator in Construction Management, where he prepares preliminary and final construction cost estimates for a wide range of transportation, bridge, and infrastructure projects. He delivers comprehensive cost analysis services to water, transportation, and power clients, effectively integrating cost and schedule to produce prompt, accurate final construction cost figures. His estimates account for a broad spectrum of project-specific factors, including site location and accessibility, available work and staging areas, work-hour restrictions, maintenance of rail and/or vehicular operations, phasing requirements, local wage rates, mobilization costs, perceived liability, regional construction activity, and subcontracted work.

RELEVANT PROJECTS

Lake Belmar Stormwater Pump Station Study and Design, Miami-Dade County, FL, *Miami-Dade County Department of Transportation and Public Works.* Cost Estimator for the installation of a new stormwater pump station. The services included the sizing and design for a new 90-cubic-feet-per-second stormwater pump station with configuration of three submersible pumps, new wet well structure, electrical improvements, standby power generation facility, supervisory control and data acquisition (SCADA), sea level rise consideration, and water quality pretreatment system evaluation.

Restoration and Operation, Maintenance, Repair, Replacement, and Rehabilitation Projects, Labelle, FL, *SFWMD.* Cost Estimator who provided construction cost estimates for the design of an approximately 1,800-acre earthen impoundment, the Boma flow equalization basin. The project scope included analysis of five design alternatives which required multiple iterations of major analyses, interpretation of results, and clear communication of findings.

C-23/24 South Reservoir Design Additional Services, St. Lucie County, FL, *SFWMD.* Cost Estimator for the engineering, analysis, and design of an 11.8-mile earthen embankment dam and a 1,200 CFS intake pump station to support 58,000 acre-feet of storage and ecosystem restoration in the Indian River Lagoon. The dam design includes a seepage control system with a soil-bentonite-cement cutoff wall, bentonite-amended impervious core, and a chimney/blanket drain system.

South Shore Water Reclamation Facility Raw Sewage Pump Facility Improvements, East Rockaway, NY, *Nassau County Department of Public Works.* Cost Estimator for a \$15.6 million project at the South Shore Water Reclamation Facility to install submersible raw sewage pumps and implement FEMA-funded flood mitigation measures following Superstorm Sandy. Work included upgrading pumps and motors and relocating non-submersible equipment, such as the Motor Control Center, above the design flood elevation to ensure operational reliability during future flood events.



Sheyla Pastora

H&H Modeling

► **YEARS OF EXPERIENCE WITH GFT:**

7

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

4

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

70%

► **EDUCATION:**

MS, Environmental Engineering, Florida International University, 2014

BS, Civil Engineering, National University of Engineering – Managua, Nicaragua, 2008

Sheyla is a Drainage and Roadway Engineer with more than a decade of experience in stormwater management, drainage system design, and regulatory compliance. She has led drainage design and analysis for transportation projects across Florida, collaborating with local agencies to ensure alignment with Miami-Dade County, FDOT, and environmental regulations. Her work includes site assessments, hydrologic modeling, and preparation of technical reports and design drawings using AutoCAD, MicroStation, OpenRoads, ICPR, StormWise, and GIS. She supports permitting by preparing drainage calculations, impact assessments, and compliance documentation, and works closely with clients to address drainage issues and meet permit conditions.

RELEVANT PROJECTS

General Engineering Consultant Services, Miami-Dade County, FL, FDOT - District 6. Drainage Designer providing in-house support under a GEC contract where the GFT team operates as an extension of District 6 staff. Support covers Transportation Development, Design, ROW, Program Management, PLEMO, and other areas including Modal Development and Transportation Operations.

Miami Intermodal Center Capacity Improvement, Broward County, FL, FDOT - District 4. Drainage Designer for the Miami River–Miami Intermodal Center Capacity Improvement (MR-MICCI) project, which added a mainline track in the South Florida Rail Corridor to address capacity issues. Scope included replacing the bascule bridge over the Miami River with a fixed double-track bridge, upgrading Positive Train Control signals, improving six at-grade crossings, and reconstructing the Hialeah Market Tri-Rail Station with a new center platform and pedestrian crossings.

Drainage Engineer Consultant, Miami, FL, FDOT - District 6. As a prior Drainage Consultant for FDOT, Sheyla provided relevant services, such as:

- Reviewing and evaluating stormwater management systems, drainage designs, and environmental compliance for new and redevelopment projects.
- Analyzing drainage plans and floodplain impacts to ensure compliance with county and state regulations, including environmental protection laws.
- Performing H&H calculations for stormwater runoff, ensuring systems are adequately sized to handle anticipated rainfall events and reduce flood risks.
- Conducting on-site inspections and verifying that stormwater management systems and drainage infrastructure are installed per approved plans.
- Assisting in the development and implementation of environmental policies, ordinances, and guidelines for the County's stormwater and drainage programs.



David Boyer, PE, CFM

H&H Modeling

► **YEARS OF EXPERIENCE
WITH SCALAR
CONSULTING GROUP:**

9

► **YEARS OF EXPERIENCE
WITH OTHER FIRMS:**

40

► **PERCENTAGE OF
TIME DEDICATED TO
CONTRACT:**

70%

► **EDUCATION:**

BS, Civil Engineering,
University of South
Florida, 1985

► **REGISTRATIONS:**

Professional Engineer
(PE), FL - No. 43226

David brings experience in all aspects of water resources, including FDOT drainage from lead drainage engineer for the 10-mile I-595 PPP design and construction, to minor drainage push-button projects. He has expertise in water resource analysis, permitting, and plans production as well as municipal roadway drainage, flood routing, bridge hydraulics, culvert design, water quality, flood plain management, and stormwater modeling.

RELEVANT PROJECTS

SR A1A Tidal Flooding Study Phase 1 - Hollywood, Broward County, FL, FDOT - District 4. Senior Drainage Engineer and Project Manager for a tidal flooding study along SR-A1A in Hollywood, Florida, from Hallandale Beach Boulevard to Dania Beach Boulevard. Phase 1 included data collection, field reviews, and model development using FDOT and Broward County rainfall curves. Modeling of wet and dry tidal cycles was field verified to assess flooding extent. Served as Project Manager and lead author of the study.

SR A1A Tidal Flooding Study Phase 2 - Hollywood, Broward County, FL, FDOT - District 4. Senior Drainage Engineer and Project Manager for Phase 2 of a tidal flooding study along SR-A1A in Hollywood, Florida, from Hallandale Beach Boulevard to Dania Beach Boulevard. Led the alternatives analysis, which evaluated flap gate functionality, storm sewer integrity, seawall improvements, pump station needs, and potential elevation of side streets and SR-A1A. Served as Project Manager and lead author of the study.

Districtwide Drainage Contract, Various Locations, FL, FDOT - District 4. Senior Drainage Engineer and Project Manager responsible for drainage studies, design, and plan production under multiple task work orders, including both conventional and push-button plans. Managed budgets, schedules, and quality control. Led a culvert rehabilitation project using an innovative design that saved the Department an estimated \$100,000.

Districtwide Drainage Studies and Environmental Permits, Various Locations, FL, FDOT - District 4. Senior Drainage Engineer and Project Manager for a 36-month contract involving task work orders for plans review, drainage investigations, pond siting, bridge hydraulic studies, permit reviews, file maintenance, and interagency coordination. Oversaw planning, direction, and coordination of all assigned Task Work Orders.



Denys Avila, PE

H&H Modeling

► **YEARS OF EXPERIENCE
WITH SCALAR
CONSULTING GROUP:**

9

► **YEARS OF EXPERIENCE
WITH OTHER FIRMS:**

0

► **PERCENTAGE OF
TIME DEDICATED TO
CONTRACT:**

70%

► **EDUCATION:**

BS, Civil Engineering,
Florida Atlantic
University, 2021

► **REGISTRATIONS:**

Professional Engineer
(PE), FL - No. 90871

Denys has experience in drainage design, with a primary focus on Department of Transportation (DOT) infrastructure projects. He is highly skilled in hydraulic analysis and the production of drainage plans, utilizing software tools such as ASAD, GEOPAK Drainage, HEC-RAS, and ICPR. Denys possesses a strong working knowledge of DOT standards and procedures and consistently applies this expertise to deliver compliant, cost-effective, and efficient drainage solutions for transportation-related projects.

RELEVANT PROJECTS

Prosperity Farms Road Bridge Replacement, Palm Beach County, FL, Palm Beach County Roadway Production. Roadway and Drainage Designer supporting the replacement of a bridge over the C-17 (Earman) Canal. The project included milling, resurfacing with overbuild, roadway widening, new vertical alignment, drainage modifications, utility coordination, and permitting through agencies including the U.S. Coast Guard and SFWMD. Responsibilities included assisting with roadway and drainage design.

Lyons Road - Atlantic Avenue to S of Flavor Pict Road, Palm Beach County, FL, Palm Beach County Roadway Production. Assistant Project Manager and Drainage Designer for a roadway capacity project in unincorporated Boynton Beach, widening Lyons Road from two to four lanes with median, curb, gutter, and sidewalk. Scope included widening the L-30 Canal bridge, new closed drainage systems, offsite ponds with farm canal considerations, and upgrades to signalization and corridor lighting.

Resurfacing the Suncoast Parkway (SR 589) from MM 17.5 to MM 28.6, Pasco County, FL, Florida's Turnpike Enterprise. Drainage Lead for an 11-mile milling and resurfacing project along the Suncoast Parkway in Pasco County. Scope included full-depth resurfacing, cross slope and superelevation correction, expansion joint and spall repairs, and signing and pavement marking upgrades. Responsibilities included drainage design analysis and plan production.

Continuing Services for Design Projects, Various Locations, FL, FDOT - District 4. Lead Drainage Designer for a five-year, \$5 million contract supporting task work orders for various minor projects, including RRR, widening, safety improvements, access modifications, intersection upgrades, complete streets, and ITS support. Responsibilities included existing drainage evaluations, proposed system design, drainage analysis, and report preparation.



Keisha Westbrook, PE

Stormwater Conveyance and Pipelines; Permitting Support

► YEARS OF EXPERIENCE WITH GFT:

3

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

27

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

50%

► EDUCATION:

BS, Civil Engineering,
Michigan State
University, 1996

► REGISTRATIONS:

Professional Engineer
(PE), FL - No. 65023; TX

Keisha brings experience in design, permitting, and project management for public and private sector projects, with a focus on complex stormwater systems, stormwater quality, and drainage planning. She is well-versed in local, state, and federal regulations and regularly coordinates with agencies, stakeholders, and landholders to support surveying and environmental services.

RELEVANT PROJECTS

Infrastructure General Engineering Services, Hollywood, FL, *City of Hollywood*. Water Resources Technical Lead and Task Manager for water and sewer main relocations for Florida Department of Transportation-related projects, completing the design and permitting for these tasks, and ensuring that they meet City and State requirements.

Hamilton Avenue and Danford Street Water Main Replacement, Naples, FL, *City of Naples*. Project Manager for design, permitting, and construction services to abandon 2,500 linear feet of asbestos cement pipe and install new PVC water main in the City of Naples. Scope included connecting water services and fire suppression systems ahead of planned roadway improvements by Collier County.

Saturnia Lakes Water Main Looping, Naples, FL, *Collier County*. Engineer and Project Manager for the design, permitting, and construction plans of a water main loop along Logan Boulevard to improve system performance between Saturnia Lakes and Island Walk. The project included 550 feet of open-cut water main and a directional drill using HDPE to avoid disturbing an existing landscape buffer and wall.

Gulf Shore Drive South Water Main, Naples, FL, *Collier County*. Project Manager for design, permitting, and construction services to abandon 4,500 LF of 8-inch asbestos cement pipe along Gulf Shore Drive and Vanderbilt Beach Road. The project included installing a new PVC water main and connecting fire and water services. Responsibilities during construction included leading progress meetings, reviewing pay applications, conducting inspections, and responding to RFIs.

Canal Crossing and Pump Station Replacement, Naples, FL, *Collier County*. Project Manager for design, permitting, and construction services to repurpose a pump station and convey flow across the Lely Main Drainage Canal to another station. Scope included 307 LF of 8-inch gravity sewer, three manholes, and abandonment of 800 LF of force main and 100 LF of gravity sewer. Responsibilities included preparing plans, cost estimates, permits, and construction documents, as well as reviewing pay applications, inspections, RFIs, and final permit certification.



Alina Fernandez, PE

Stormwater Conveyance and Pipelines

► **YEARS OF EXPERIENCE WITH GFT:**

23

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

3

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

50%

► **EDUCATION:**

BS, Civil Engineering,
Florida International
University, 1999

► **REGISTRATIONS:**

Professional Engineer
(PE), FL - No. 60714; PR

FDOT Temporary Traffic
Control Advanced
Training, FL - No. 31937

Alina brings extensive design and project management experience in transportation engineering, with expertise in highways, interchanges, and urban and rural roadways. She has led multidisciplinary teams on RRR, intersection improvements, full roadway reconstruction, and major design-build projects. Alina has supported FDOT, FTE, and South Florida municipalities under districtwide and general engineering contracts. Her background also includes permitting and construction support for pump stations, sanitary sewer systems, and stormwater modeling, with a strong understanding of Florida's geography and regulatory requirements.

RELEVANT PROJECTS

Transit Operational and Safety Improvements - S.R. 817/University Drive Corridor from Hallandale Beach Boulevard to Sample Road, Broward County, FL, FDOT - District 4. Project Manager for the Broward Metropolitan Planning Organization Mobility project along S.R. 817/ University Drive, aimed at improving multi-modal transportation, operations, and safety. Phase 1 included feasibility planning, corridor segmentation, and cost estimates with input from eight municipalities. Phase 2 covered final design for roadway improvements, TTCP, drainage, signing, lighting, and signalization.

General Engineering Consultant Contract A - S.R. 874 Interchange at S.R. 968/Sunset Drive, Miami-Dade County, FL, Greater Miami Expressway Agency. Project Manager for roadway, traffic control plan, signing, and pavement marking design. Scope included preliminary plans and construction documents for a new half-diamond interchange near a CSX rail line, along with widening, realignment, and added turn lanes on S.R. 968 to support new traffic movements.

General Engineering Consultant Services, Miami-Dade County, FL, FDOT - District 6. Project Manager overseeing resource allocation and coordination of Task Work Orders, schedules, and budgets in collaboration with FDOT District 6. Under this GEC contract, the team supports transportation development, program management, planning, and operations, providing services such as engineering, planning, ITS, GIS, public involvement, and construction management to advance the District's Work Program.

I-75 Resurfacing, Restoration, and Rehabilitation – U.S. 27 to I-595, Broward County, FL, FDOT - District 4. Project Manager for the pavement rehabilitation of 7.5 miles of SR 93/I-75 in Broward County, from US 27 to I-595. Improvements included milling and resurfacing, cross slope correction, guardrail installation, new emergency crossovers, interchange wrong-way signage improvements, miscellaneous drainage improvements, and signing and pavement marking upgrades.



Jorge Orozco
Construction Manager

► **YEARS OF EXPERIENCE WITH GFT:**

4

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

36

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

70%

► **EDUCATION:**

AS, Drafting and Design, Miami-Dade Community College, 1986

Jorge brings experience in overseeing capital improvement projects across Florida totaling over \$300 million. He specializes in ensuring compliance with project plans and specifications, minimizing delays and change orders, and verifying constructability throughout all phases. Jorge has established guidelines for reviewing consultant plans, specifications, and procedures, and will maintain strong coordination with the City, project teams, and regulatory agencies to keep projects on schedule and in conformance with contract requirements.

RELEVANT PROJECTS

Consent Decree Program and Construction Management Services, Miami-Dade County, FL, MDWASD. Construction Manager overseeing three major capital projects totaling \$130 million, including digester upgrades, acid-phase construction, and startup services. Work included improvements to Effluent Pump Stations 1 through 6, Electrical Substations 7 and 8, and the odor control scrubber building. Managed the engineer of record, contractors, and utilities from pre-construction through closeout.

Ocean Outfall Legislation Program - Wastewater System Priority Projects Program Management Support, Miami, FL, MDWASD. Construction Manager for the evaluation of converting the North District Wastewater Treatment Plant's existing effluent pump station into a dual-purpose facility serving future high-level disinfection (HLD) and ocean outfall. Supported the owner's representative by assessing system feasibility and developing a solution to repurpose four existing pumps, enhancing system efficiency and reliability.

Broward County Water and Wastewater Services, Pompano Beach, FL, Broward County. Construction Project Manager overseeing capital projects with both professional and administrative responsibilities, including RFIs, change orders, schedule reviews, quality control, and consultant coordination. Led contract development, design reviews, bidding, emergency repair contracts, and negotiated over \$50 million in consultant agreements. Conducted field visits to support inspectors and ensure compliance with construction standards.

Land Development Drainage Design, Miami, FL, Miami-Dade County. Construction Project Manager responsible for the construction management of more than 14,000 linear feet of exfiltration drainage system installations in Miami-Dade County and several civil site drainage design projects. Coordinated with surveyors and handled three-dimensional CAD files. Designs included FEMA Drainage Projects, Site Parking Designs, Broward County Neighborhood Improvement Project, City of Hollywood Landfill Drainage Modifications, Salado Creek Drainage Design, and CBDD Culvert Replacement.



Ernesto Marin

Construction Manager

► **YEARS OF EXPERIENCE WITH GFT:**

3

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

38

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

70%

► **EDUCATION:**

MS, Business Administration,
University of Miami, 1998

BS, Administrative Computation, Monterrey Institute of Technology and Higher Education, 1983

► **REGISTRATIONS:**

FDOT CTQP Quality Control Manager, FL - No. M65021060

FDOT CTQP Nuclear Radiation Safety, FL

Ernesto brings extensive experience in construction and project management, providing oversight to verify construction services are completed in accordance with design plans and specifications. His background includes project management, engineering, bidding, contract administration, inspection, estimating, cost control, and scheduling. As a seasoned Construction Manager, he has led multi-million-dollar projects throughout South Florida and internationally in Haiti, Panama, and Puerto Rico.

RELEVANT PROJECTS

Ocean Outfall Legislation Program - Wastewater System Priority Projects Program Management Support, Miami, FL, MDWASD. Construction Manager for the ST-2D-A electrical distribution building 3 at the South District wastewater treatment plant. GFT, as a subconsultant, is providing professional services related to Miami-Dade County's wastewater system priority projects on an as-needed basis.

Pump Stations Monitoring Panels Replacement, Okeechobee, FL, SFWMD. Project Manager for a \$20 million design and engineering during construction to replace existing engine monitoring panels for five different pump stations by Lake Okeechobee. Design included new PLC-based monitoring panels, sensors, instrumentation, conduit, and wiring to provide emergency shutdown of the engines.

Big Cypress Basin Electrification and Generator Addition, Collier County, FL, SFWMD. Project Manager for design and engineering during construction for a new a \$6 million electrical building to accommodate a generator with automatic transfer switch at Faka Union 5 (FU-5). Work also included the electrification of Cork 1, Cork 2, CR951-1, and CR951-2 structures

Structure S-151 Culvert Replacement, Fort Lauderdale, FL, SFWMD. Project Manager for design and for engineering during construction, supervised structural design which included design calculations, studies, plans, and specifications. The design also included installing a new generator and control room including an automatic transfer switch. Oversaw opinions of probable construction costs, construction schedule, and operations plan.

Flood Reconstruction Program, Miami-Dade County, Florida, Miami-Dade County Department of Environmental Resources Management. Construction Manager on engineering and construction program that included more than 3,000 sites damaged by floods in Miami-Dade County. The \$350 million FEMA-funded program included the participation of over 150 consultants and contractors.



Dayana Sanjurjo

Community Outreach and Stakeholder Engagement

► **YEARS OF EXPERIENCE WITH MEDIA RELATIONS GROUP:**
6

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**
19

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**
60%

► **EDUCATION:**
BA, Interior Design,
Art Institute of Fort
Lauderdale, 2005

Dayana Sanjurjo is a public information and communications professional with experience managing campaigns, contracts, and initiatives across Planning, Project Development and Environment, Design-Build, and Construction projects. She has supported agencies including Miami-Dade Department of Transportation and Public Works, Miami-Dade Water & Sewer Department, and FDOT. Fully bilingual in English and Spanish, she specializes in stakeholder research, public communication, and community outreach. Dayana currently manages multiple transportation-related projects in Miami-Dade County.

RELEVANT PROJECTS

Upgrade of Pump Station 137 W. Mashta Drive, Village of Key Biscayne, FL, MDWASD. Senior Public Information Officer overseeing day-to-day public involvement efforts and serving as an extension of MD-WASD staff. The project involved upgrades to the pump station’s sanitary sewer and electrical systems, including installation of two submersible pumps and a flood-resistant control panel to improve infrastructure on Mashta Island.

36-Inch DI Water Main along NW 135 Street from NW 7th Avenue to NE 16th Avenue, Miami-Dade County, FL, MDWASD. Public Information Officer overseeing daily public involvement efforts and coordination with the project team and MD-WASD staff. The project involved installation of a 36-inch water line along NW 135 Street from NW 7 Avenue to SR 5/Biscayne Boulevard, in coordination with FDOT District Six roadway improvements.

SW 117 Avenue (Area N), Miami-Dade County, FL, MDWASD. Assisted the Senior Community Outreach Specialist with door-to-door outreach for a project involving installation of a six-mile 48-inch water line along SW 117 Avenue from the Snapper Creek Canal to SW 152 Street, and a 16-inch wastewater line on SW 127 Avenue from SW 88 Street to SW 108 Street.

Miami Beach 1 Street Improvements Project, Miami Beach, FL, City of Miami Beach. Leads public information efforts for a Design-Build project with improvements along 1 Street from Alton Road to Washington Avenue. Responsibilities include coordinating and staffing meetings with SOFNA and key stakeholders, conducting door-to-door outreach, maintaining a stakeholder database, and preparing meeting summaries.



Edgar Fernandez

Regulatory Compliance

► **YEARS OF EXPERIENCE
WITH ARROW
CONSULTING GROUP:**

1

► **YEARS OF EXPERIENCE
WITH OTHER FIRMS:**

32

► **PERCENTAGE OF
TIME DEDICATED TO
CONTRACT:**

70%

Edgar brings experience in legislative and governmental affairs, with expertise in strategic planning, policy development, and intergovernmental coordination. He spent 17 years with Miami-Dade County, serving as Senior Assistant for the Water and Sewer Department and as Governmental Affairs Liaison to the County Manager. His background also includes roles as Director of Public Affairs and Chief of Staff to County Commissioners, Senior Field Director for the Florida Medical Association, and legislative aide in the Florida Senate and House. A U.S. Air Force Reserve retiree, his work spans infrastructure, water, transportation, and environmental policy.

RELEVANT PROJECTS

Senior Advisor, Infrastructure and Procurement Policy Leader, FL.

Provides high-level support to clients by developing and overseeing procurement policies for infrastructure projects, delivering regulatory compliance, cost-effectiveness, and strategic sourcing. Offers strategic consulting for securing contracts related to water resource, natural resource, education, and transportation infrastructure programs. Serves as a spokesperson in meetings with federal, state, and local agencies and represents clients as a registered lobbyist before the Florida Legislature and Executive Branch. Tracks environmental and growth management legislation and coordinates legislative advocacy on behalf of clients.

- **Partner at Anfield Consulting, Tallahassee, FL.**
- **Senior Assistant Governmental Affairs/ Policy Development, MDWASD, FL.**
- **Assistant to the County Manager/ County Manager's Governmental Liaison, Miami-Dade County, FL.**
- **Director of Public Affairs/ Executive Assistant/ Chief of Staff to Miami-Dade County Commissioners, Miami-Dade County, FL.**
- **Senior Field Director/ Director South Florida Office, Florida Medical Association, FL.**
- **Senior Legislative Aide/ Legislative Assistant IV, Florida Senate & House of Representatives, Tallahassee, FL.**



Guillermo Gómez, PE

Civil/Site

► YEARS OF EXPERIENCE WITH GFT:

8

► YEARS OF EXPERIENCE WITH OTHER FIRMS:

12

► PERCENTAGE OF TIME DEDICATED TO CONTRACT:

50%

► EDUCATION:

BS, Civil Engineering,
Universidad de los
Andes, 2001

► REGISTRATIONS:

Professional Engineer
(PE), FL - No. PE72439

Envision Sustainability
Professional (ENV SP),
No. 18993

FDOT Temporary Traffic
Control Advanced
Training, FL - No. 41912

Guillermo is a Senior Engineer with extensive experience as a manager and task leader on roadway design and transportation projects. His responsibilities include day-to-day management, coordination with clients, other project disciplines, and sub-consultants, monitoring project budgets and schedules, and all other activities necessary to ensure a successful project delivery. Guillermo's experience includes roadway design (planning, concept development, and final design), traffic control plans, signing, and pavement markings on projects of different scales for municipalities, transportation planning organizations, and state transportation agencies in Florida.

RELEVANT PROJECTS

Modal Development General Engineering Consultant Services, Miami-Dade County, FL, FDOT - District 6. Senior Engineer and Task Lead Reviewer managing plan and document reviews for transit corridors, overseeing qualified reviewers with an understanding of FDOT's role in each. GFT serves as Program Manager for the study and planning of three rapid transit corridors in Miami-Dade County, part of the broader Strategic Miami Area Rapid Transit plan.

General Engineering Consultant Services, Miami-Dade County, FL, FDOT - District 6. Senior Engineer supporting a GEC contract where the GFT team operates as an extension of District 6 staff, providing personnel across multiple offices through task work orders. The contract primarily supports Transportation Development but also assists other areas including Modal Development and Transportation Operations. Serves as Lead Plan/Document Reviewer, assigning tasks, overseeing quality, and ensuring timely completion of reviews.

Districtwide Plans Review Support Services, Various Locations, FL, FDOT - District 4. Deputy Project Manager for a task work order contract reviewing plans and documents for roadway, drainage, lighting, signing, pavement marking, signalization, ITS, landscape, and structures. Project scopes included widening, reconstruction, resurfacing, complete streets, and interchange improvements. Responsibilities included verifying FDOT compliance, reviewing deliverable quality, and confirming pay item accuracy.

I-75 Resurfacing, Restoration, and Rehabilitation - S.R. 84 Mobility Improvements from Glades Parkway to Weston Road, Broward County, FL, FDOT - District 4. Senior Project Engineer and Signing and Pavement Markings Engineer-of-Record for a mobility project to improve bicycle safety in the City of Weston. The project included a study of alternatives to widen paved shoulders and add a shared-use path along S.R. 84 from Glades Parkway to Weston Road. Final design services included pavement widening, drainage, signalization, lighting, signage, and pavement markings.



Alejandro Uribe, PE

Traffic Controls and Maintenance

► **YEARS OF EXPERIENCE WITH GFT:**

17

► **YEARS OF EXPERIENCE WITH OTHER FIRMS:**

0

► **PERCENTAGE OF TIME DEDICATED TO CONTRACT:**

50%

► **EDUCATION:**

MS, Civil Engineering,
Florida International
University, 2013

BS, Civil Engineering,
Florida International
University, 2008

► **REGISTRATIONS:**

Professional Engineer
(PE), FL - No. PE75596

Alejandro brings transportation engineering experience with a focus on traffic control, roadway design, and maintenance. He supports field operations, calculations, design documents, cost estimates, and inspections. His work spans drainage and roadway improvements, utility coordination, and permitting. He has contributed to projects from minor rehabilitation to major highway reconstruction and offers expertise in task management, stakeholder coordination, geometric and traffic design, TTCP, and plan review for Florida state and municipal clients.

RELEVANT PROJECTS

Design Projects Continuing Services, Broward, Palm Beach, Martin, St. Lucie, and Indian River Counties, FL, FDOT - District 4. Project Manager and Engineer-of-Record for roadway, drainage, TTCP, signing, and pavement marking deliverables on a safety project at a limited access interchange in the City of Hollywood. Scope included milling, resurfacing, overbuild, widening, a new auxiliary lane on the I-95 NB off-ramp, extension of a left-turn lane on SR 820, drainage, signalization, lighting upgrades, and a level 2 TTCP.

S.R. 985/SW 107th Avenue Interchange, Sweetwater, FL, FDOT - District 6. Project Manager and Roadway/TTCP Engineer-of-Record tasked with this resurfacing restoration and rehabilitation project in Miami-Dade County. The scope includes rehabilitation of the pavement and pavement markings, upgrades to roadside barriers, addition of channelizing islands, upgrading ADA facilities, relocation of drainage structures, replacement of pedestrian signals, and LED lighting retrofits at signalized intersections.

S.R. 686 East of Belcher Road, Largo, FL, FDOT - District 7. Project Manager and Roadway Engineer-of-Record for this resurfacing, restoration, and rehabilitation project in the City of Largo. The scope included rehabilitation of the pavement and pavement markings, adding on-street bicycle lanes, upgrading American with Disabilities Act facilities, replacing signal equipment from strain poles to mast arms, upgrading lighting to LED along the corridor, and coordinating with stakeholders.

General Engineering Consultant Services, Miami-Dade County, FL, FDOT - District 6. Lead Design Engineer/Senior Engineer for a GEC contract supporting District 6 through task work orders across multiple departments. Led roadway design tasks including plan and permit reviews, support to the Internal Design Section, and development of conceptual plans and RFPs for the Wrong-Way Driving Project Phases 1–3 and SR 907 Smart Work Zone project. Also prepared the SR 972 MOT Detour Traffic Impact Study and contributed to feasibility studies and scoping reports.

TAB E

**APPROACH TO
SCOPE OF WORK**

APPROACH TO SCOPE OF WORK

E.1. UNDERSTANDING OF THE CITY'S NEEDS, GOALS, AND OBJECTIVES

The City of Hollywood is seeking a qualified Program Manager (PgM) to lead the implementation of its SWMP, recently completed and adopted by the City Commission. This strategic, multi-year program will guide stormwater infrastructure improvements from 2025 through 2035, encompassing long-term CIPs, urgent interim CIPs, and renewal and replacement (R&R) initiatives

The selected PgM will be responsible for managing the full lifecycle of project delivery under the long-term CIPs, urgent interim CIPs, and R&R portfolios. **Figure E-1** summarizes our understanding of the various projects identified under this program.

The PgM will serve as the City's representative, working closely with internal departments; external agencies—including FDOT, SFWMD, and Broward County; and the public. This involves both high-level program oversight and hands-on project execution across multiple areas of responsibilities, including:

→ **Strategic project planning and prioritization, including:**

- Defining and tracking program performance metrics
- Financial tracking, reporting, and cost control
- Scheduling and program timeline management
- Preparing and negotiating task orders on behalf of the city

→ **Establishing design standards** and ensuring technical consistency across projects

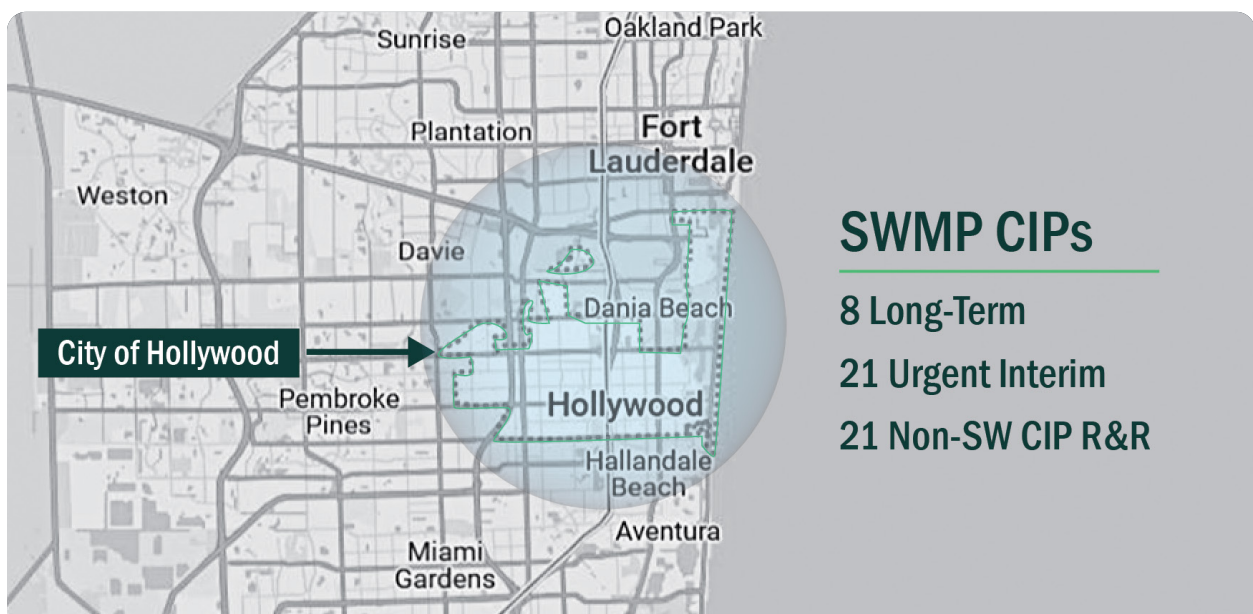


Figure E-1. Program Understanding. The GFT team understands the strategic, multi-year Stormwater Management Program and the anticipated improvements through 2035.

- **Design and/or design oversight** of stormwater infrastructure projects
- **Public outreach and community engagement** to facilitate communication with stakeholders and elected officials
- **Permitting** with regulatory agencies
- **Procurement** of consultants and contractors in alignment with City procedures
- **Construction administration** and oversight to ensure quality and schedule compliance
- **Delivering annual updates** to the City's Capital Improvement Plan
- **Supporting the City's asset management system**, including the development of preventive maintenance templates

E.2. APPROACH TO PERFORMING THE WORK

GFT brings a comprehensive and proven approach to PgM that bridges strategic leadership with tactical execution. As the City's representative, the PgM will serve as a central point of leadership and coordination across all facets of stormwater infrastructure delivery. Our approach is grounded in industry best practices, data-driven decision-making, and a deep commitment to transparency, stakeholder trust, and public service.

We recognize this role requires not only mastery of program delivery fundamentals but also the ability to serve as a responsive public-facing leader and trusted extension of the City's leadership team.

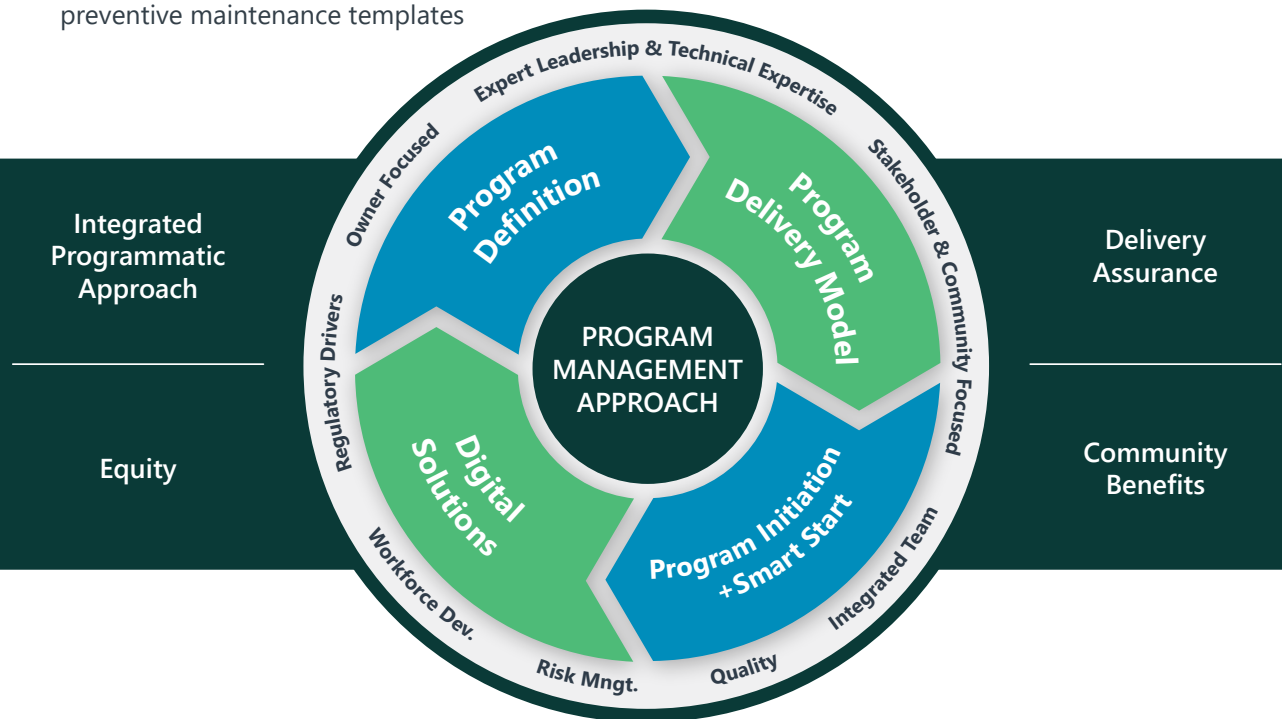


Figure E-2. Program Management Approach. Our approach highlights best practices and processes that we will work very closely with your team on to customize to the specific needs of the program. The inner wheel shows the core principles of our approach, including working with the City to define the program management model and a smart solution for program initiation that includes a custom Program Management Plan. The outer wheel shows some of the key aspects that GFT values greatly, including owner and community focus, and regulatory drivers. This also highlights some of the benefits of such an approach including delivery assurance, equity, and community benefits.

E.2.1. Major Tasks and Responsibilities, Project Time Schedule, and Staff Assigned

To address the major tasks outlined (Tasks 1–7), we have structured our team into focused groups, each led by Program Leads. As PgM and Deputy PgM, **Yurfa Glenny, PMP, ENV SP and Lilian Marrero, PE, ENV SP** will be responsible for overall program execution. Additionally, they will work with our Program Leads to identify and assign the necessary staff required to successfully assigned tasks. They will also have technical support from program management subject matter experts such as **Eddie Aplerh-Doku, PE, ENV SP, DBIA** who can advise on best practices and ways to effectively manage a large program.

This strategic, multi-year program will guide stormwater infrastructure improvements from 2025 through 2035. Our team, with leadership from our PgM is dedicated and committed to delivering this program through completion. **For each task, we will propose a schedule to complete the scope of work that considers anticipated major activities, milestones, approvals, and resources required for successful delivery.** The construction schedule will be aligned with the contractor’s proposed schedule to meet critical milestones.

1. Establishing a Strong Program Foundation

To provide success from the outset, we will:

- Initiate with a comprehensive program onboarding that includes review of existing plans, stakeholder interviews, and alignment with City goals.
- Develop a detailed PMP that outlines governance, communication protocols, quality control, risk management, and performance tracking procedures.
- Build a centralized program dashboard to monitor schedule, budget, and task order execution in real time, enabling transparency and enabling early issue identification.

Rashmi Koul is our Program Controls Manager who is supported by a team of project controllers, CADD designers, GIS/data management experts, cost estimators, schedulers, and funding experts. In conjunction with our Program Managers, Rashmi and others assigned will work together to establish a strong program foundation.

2. Strategic Planning and Prioritization

- Collaborate with City departments to refine project prioritization criteria and define performance metrics aligned with resilience, equity, and fiscal responsibility.

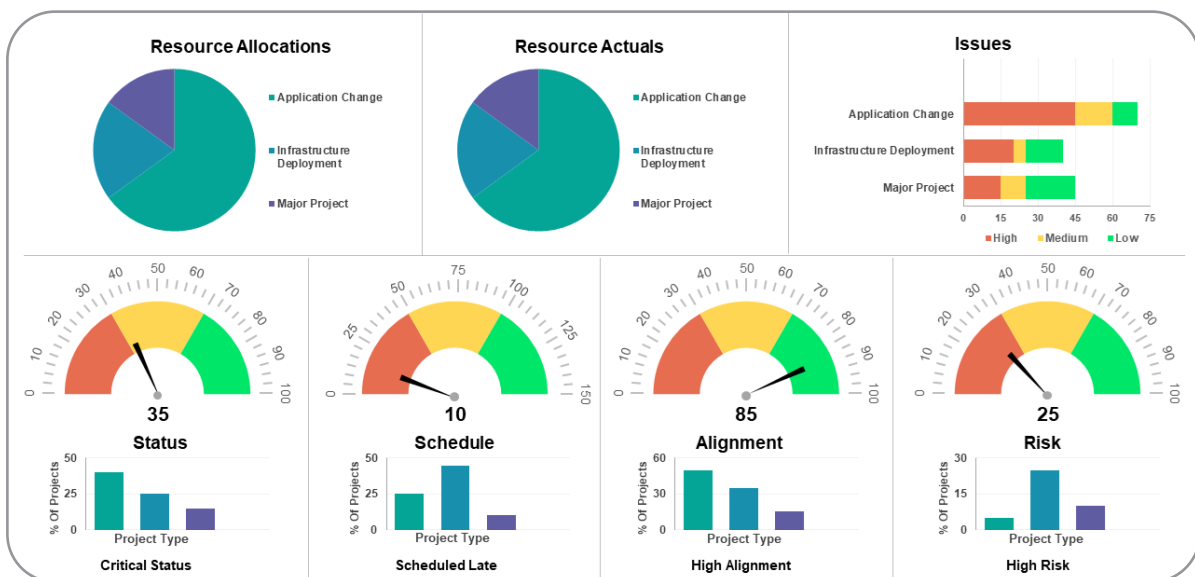


Figure E-3. Example Dashboard. GFT has the ability to develop custom program dashboards to monitor schedule, budget, and task order execution in real time.