



CONTINUING CONTRACTS FOR CIVIL ENGINEERING SERVICES (CCNA)

RLI 26-003

Prepared By :



RLI Contact Information:

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**Submitted:
December 18, 2025**

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December 18, 2025

City of Pompano Beach
1010 NE 3rd Avenue
Pompano Beach, FL 33060

**RE: Request for Qualifications RLI 26-003
Continuing Contract For Civil Engineering Services (CCNA)**

To whom it may concern,

Thompson & Associates, Inc. (T&A) is pleased to submit this Letter of Interest in response to **RLI 26-003 – Continuing Contract for Civil Engineering Services (CCNA)** for the **City of Pompano Beach** and the **Pompano Beach Community Redevelopment Agency (CRA)**. T&A fully understands the intent of this solicitation and is committed to providing high-quality, responsive civil engineering services in full compliance with Section 287.055, Florida Statutes, and all requirements outlined in the RLI.

T&A recognizes that this continuing contract is intended to support a broad range of City and CRA initiatives, from small-scale assignments to complex capital improvement projects. Our firm offers **comprehensive municipal civil engineering services**, including **roadway improvements, water, wastewater, and reclaimed water systems, gravity sewer and force main systems, lift and pump stations, stormwater and drainage improvements, parks and recreational facilities, parking lots, and associated planning, permitting, bidding, construction administration, inspection, and close-out services**. We maintain strong working relationships with municipal, county, state, and federal regulatory agencies throughout South Florida, allowing us to efficiently navigate permitting processes and proactively address technical challenges to minimize delays and cost impacts.

T&A currently holds continuing contracts with **Palm Beach County Engineering and Public Works** and **Broward County Water and Wastewater Services**. These contracts demonstrate our ability to manage multiple concurrent work authorizations, maintain schedule and cost controls, coordinate effectively with public agencies and stakeholders, and deliver projects on time and within budget.

To further strengthen our capabilities, T&A has assembled a qualified team of specialty subconsultants with proven experience on municipal projects of similar scope and complexity. These include **Zeman Consulting Group** for surveying and subsurface utility engineering services, **The Chappell Group** for environmental consulting services, **MUE Engineers** for structural engineering services, and **Tobon Engineering** for hydraulic modeling. Each firm brings specialized expertise and a demonstrated record of successful performance on public sector projects, ensuring a well-rounded and technically sound project team capable of addressing complex CIP tasks such as canal dredging, seawall improvements, and other infrastructure upgrades.

In preparation for this submission, T&A has reviewed the **City of Pompano Beach Capital Improvement Plan (CIP) for Fiscal Years 2026–2030**. Our project experience submitted in this RLI demonstrates our relevant experience to complete potential projects highlighted in the CIP, **including sidewalk improvements, parking lots and ADA upgrades, restroom and concession buildings, pavilions, park facilities and structures, water main replacement, lift station rehabilitation and replacement, reuse distribution system expansion, force main replacement, canal dredging, and seawall improvements**.

The following individual is authorized to make representations on behalf of Thompson & Associates, Inc. regarding this submission:

James F. Thompson, P.E.

President Thompson & Associates, Inc., Civil Engineering

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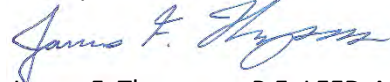
jim@thompson-inc.com

Thank you for the opportunity to submit our qualifications. T&A welcomes the opportunity to support the **City of Pompano Beach and the CRA** through this continuing contract and to provide dependable, timely, and cost-effective civil engineering services that advance the City's infrastructure and community objectives.

Respectfully submitted,

Sincerely,

Thompson & Associates, Inc., Civil Engineering



James F. Thompson, P.E., LEED-AP

President

TECHNICAL APPROACH

UNDERSTANDING OF THE CITY'S OBJECTIVES AND SCOPE

The City of Pompano Beach is seeking a highly qualified civil engineering firm to provide responsive, on-call professional services under a continuing services contract. T&A understands the need for rapid response, flexible staffing, close coordination with City Engineering, Utilities, and CRA staff, and consistent delivery of high-quality services that comply with City, County, State, and Federal requirements. We are experienced in supporting time-sensitive task orders and emergency needs using the City's project management systems

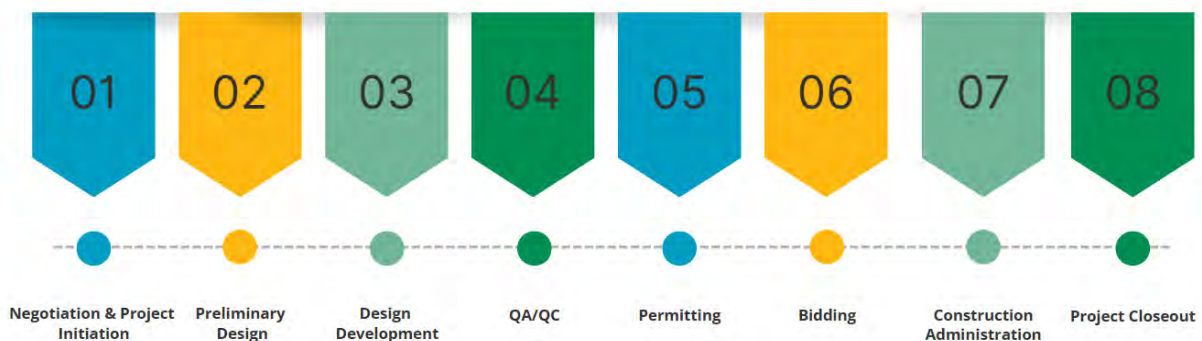
T&A fully understands that assignments under this contract may vary in size and complexity and include roadway and streetscape improvements; water, wastewater, and reuse infrastructure; pump stations; drainage and stormwater systems; parks and recreational facilities; seawalls and docks; dredging; and emergency repairs. T&A's municipal experience, technical depth, and local presence allow us to deliver these services efficiently while maintaining schedule control and consistent quality. We have successfully delivered projects involving utilities, drainage, seawalls, shoreline stabilization, parks, streetscapes, and roadway reconstruction in complex environments such as FDOT corridors, SFWMD rights-of-way, coastal and tidal areas, residential neighborhoods, and high-traffic urban settings.

T&A understands that CRA-related projects often involve enhanced coordination, public-facing improvements, constrained urban conditions, and accelerated schedules. We are experienced in integrating aesthetic, accessibility, and constructability considerations while maintaining compliance with technical and regulatory requirements.

T&A is prepared to support emergency water, wastewater, and stormwater response efforts, including main breaks, pump station failures, drainage collapses, and storm-related damage. Our team can mobilize quickly to perform field assessments, develop rapid repair solutions, coordinate with contractors, and provide expedited design and permitting support as required.

APPROACH TO COMPLETING PROJECT TASKS & PHASES

T&A's approach is built around delivering predictable, repeatable results for the City of Pompano Beach through proactive project management, technical excellence, and clear communication. Our methodology is tailored to the City's continuing services model and emphasizes schedule control, regulatory coordination, and responsiveness.



Negotiation:

The first step for any project issued under this continuing services contract will be to negotiate the individual project's scope, schedule, and fee with the City of Pompano Beach. During this phase, T&A will evaluate the materials provided by the City and determine:

- Required subconsultants, including any specialty disciplines if needed
- Anticipated design and construction schedule, or verification of feasibility if a schedule is provided by the City
- A preliminary engineer's opinion of probable cost (including a 25% contingency)
- Consultant fees for both design and construction-phase services

T&A will then submit a clearly organized scope, schedule, and fee proposal in the format requested by the City. Our firm has extensive experience negotiating work authorizations for continuing services contracts, including more than twenty task orders for Broward County Parks and Recreation (2016–2021), as well as ongoing five-year continuing service contracts with Broward County Water and Wastewater Services (BCWWS), Palm Beach County Water Utilities Department (PBCWUD), and Miami-Dade WASD. This experience directly positions our team to efficiently support Pompano Beach's project delivery process.

Preliminary Design:

Before entering full design development, many municipalities request preliminary engineering studies to validate capital improvement needs, assess existing infrastructure, and define feasible solutions. T&A regularly performs:

- Preliminary Engineering Reports (PER)
- Hydraulic modeling (water, wastewater, reclaimed water)
- Water and wastewater flow and system data analysis
- Stormwater modeling and environmental assessments
- Utility impact analysis
- Schematic-level concept plans

These studies provide the City with a clear understanding of existing system performance and recommended improvements, supported by schematic drawings and cost implications.

Design Development:

Once an executed work authorization and approved schedule are received, T&A immediately initiates the design development phase, releasing subconsultants (if applicable) to begin their work. Early-phase tasks typically include:

- Kickoff meetings with City staff and relevant stakeholders
- Review of existing condition information, including Preliminary Engineering Report, Basis of Design Report (BODR), master plan, survey, geotechnical report, and existing utilities
- Coordination with Sunshine 811 and utility owners for verification of existing infrastructure
- Development of design plans, specifications, and updated cost estimates

T&A strictly adheres to municipal submittal schedules and has a proven track record of meeting every required deadline. Our firm understands the importance of predictable and timely deliverables.

Quality Assurance / Quality Control (QA/QC):

The goal of our five-step QA/QC program is to improve the quality of deliverables, reduce costs to the client, and minimize the project schedule. Quality assurance and control for this contract will be led by James Thompson, PE, President of T&A, and the proposed Principal-in-Charge. With experience managing small and large, multi-discipline public projects since 1992, Mr. Thompson ensures that lessons learned from prior projects inform every QA/QC review. Our process leverages multiple perspectives, including input from the Senior Design Engineer, Project Manager, Contract Administrator, and Principal-in-Charge, with clear expectations for each team member's role to ensure accountability at every stage. All plans undergo these thorough reviews before submission, guaranteeing the client receives accurate, high-quality designs. Producing precise, reliable plans is our top priority, and we stand fully behind every plan we deliver.

T&A'S QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PROCESS

- 

SENIOR DESIGN ENGINEER PREPARE PLANS

 - Senior Design Engineer prepares plans with support from 1-3 Design Engineers (based on project size).
 - Design progress meetings held with Project Manager and senior staff to review and advance plans.
- 

PROJECT MANAGER REVIEW OF PLANS

 - Project Manager conducts first full plan review and provides markups with comments.
 - Project Manager meets with Senior Design Engineer to review and clarify comments.
- 

PLAN REVISIONS

 - The Team revises the plans per comments
 - Senior Design engineer responsible for ensuring all comments are addressed.
- 

PRINCIPAL-IN-CHARGE AND CONTRACT ADMINISTRATOR REVIEW

 - Principal-in-Charge and Contract Administrator must review all plans prior to client submission.
 - Comments provided to Project Manager for resolution and discussion.
- 

FINAL PLAN REVISION AND SUBMITTAL

 - Remaining comments are addressed and resolved.
 - Senior Design Engineer and Project Manager verify all comments are closed.
 - Thoroughly QA/QC'd plans submitted to client.

Permitting Strategy:

T&A manages permitting as an active project-management function focused on schedule protection, responsiveness, and risk reduction. Our approach includes:

Early Agency Coordination

- Conduct pre-application meetings with applicable permitting agencies to confirm requirements, identify constraints, and address potential issues prior to formal submittal.
- Early coordination reduces Requests for Additional Information (RAIs) and shortens review cycles.

Comprehensive Permit Preparation

- Prepare clear, complete permit applications using the approved 90% design submittal package.
- Permits may include approvals from:
 - o U.S. Army Corps of Engineers
 - o Florida Department of Environmental Protection (FDEP)
 - o Florida Department of Transportation (FDOT)
 - o Broward County agencies
 - o City of Pompano Beach Engineering and Building Divisions

Highly Responsive Agency Coordination

- Respond immediately to agency comments or RAIs to avoid schedule delays.
- Proactively coordinate directly with agency reviewers to clarify issues and, when possible, prevent RAIs altogether.
- Leverage established relationships with South Florida regulatory agencies to expedite reviews.

Proactive Permit Tracking and Expiration Management

- Log all permits into an internal tracking system upon issuance.
- Establish 30-day advance reminders for all permit expiration dates.
- Proactively request permit extensions when delays occur and promptly notify the City to maintain continuous compliance.

Clear Client Deliverables and Communication

- Provide the City with a complete Permit Package upon approval, including permits, conditions, and supporting documentation.
- Prior to construction, identify and communicate:
 - o Required pre-construction meetings
 - o Agency contacts
 - o Inspection and compliance requirements
 - o Construction-phase obligations
 - o Permit closeout requirements

Through early coordination, rapid response, proactive tracking, and clear communication, T&A delivers efficient permitting services that minimize risk and support on-time project delivery for the City of Pompano Beach.

Bidding:

As part of our Basic Services, T&A will support the City during the bidding and negotiation phase. Responsibilities include:

- Preparing or assisting with issuance of bid documents
- Running or attending pre-bid conferences
- Responding to bidder inquiries and issuing addenda
- Preparing conformed documents
- Reviewing bids for completeness, balance, and conformance
- Providing written recommendations for contract award

Our team has successfully guided numerous municipalities through competitive procurement and contract negotiation processes and will provide the same structured support for the City of Pompano Beach.

Construction Administration:

Once the construction documents have been completed, all applicable permits have been obtained and a contractor is selected, T&A shall provide construction administration services to City of Pompano Beach as needed. Owners Representative services may include, but are not limited to, plan updates, engineering assistance, review of pay requests, review of change order requests, project schedule maintenance, full-time or part-time site inspection services (Resident Project Representative, RPR) and support, request for information (RFI), and meeting attendance as noted below:

- Attend pre-construction meetings with the stakeholders and selected contractor, record and distribute minutes.
- Review shop drawing submittals from the contractor utilizing the City's minimum design and construction standards, the approved product specification list (if available), consultant construction documents, and FDOT or local jurisdiction specifications. T&A will monitor the shop drawings and submittal logs to confirm that each one is reviewed and returned to the contractor in a timely fashion. Having advanced approval of submittals will allow the contractor to control the orders and delivery of the materials on the scheduled dates and avoid potential delays.
- Respond in writing to requests for information (RFI) or clarifications from the contractor.
- The T&A project manager will visit the site periodically during construction of the City's infrastructure to observe progress and witness tests (as frequently as deemed appropriate by T&A for the type of work involved) and prepare site observation reports.

T&A will submit copies of all field inspection notes and sketches to the City within the week the inspection is conducted. T&A will keep photographic evidence of its field observations and will include relevant photos in its reports as needed. Our RPR and project manager will visit the site at substantial completion to prepare a punch-list of items that are found not to be in conformance with the contract documents, or items that require correction, completion, or replacement. T&A will then coordinate with the Contractor to go out to the project site and confirm the completion of pending substantial completion punch list items before scheduling the City for a final completion inspection. Deadlines will be set for this work to be completed to reduce project delays. T&A will review and compile as-built drawings, pressure test reports, infiltration, and lamping testing reports, lift station start up reports, results of bacteriological analysis, and pavement density tests provided by the contractor for conformance with the contract documents and prepare Engineer's Certification of Completion, including permit close outs, for the project.

Scheduling Methodology:

T&A efficiently manages the scheduling and sequencing of multiple simultaneous projects to maintain consistent progress. Staff are trained to transition seamlessly between large, multi-phase projects and smaller assignments without loss of focus. Work is assigned based on capacity and expertise, with priorities set by due dates and workload. Project Managers meet biweekly to review active project statuses and communicate daily to ensure deadlines are met. James Thompson, PE serves as the single point of contact, overseeing all projects and ensuring timely progress of work authorizations under this continuing contract. T&A's similar continuing contracts with Broward County Water and Wastewater and Palm Beach County Engineering and Public Works demonstrate our ability to manage multiple work authorizations concurrently, delivering projects accurately, efficiently, and on schedule.

Opinion of Probable Construction Cost:

Construction cost estimation has become increasingly challenging in the post-COVID era due to economic volatility, supply chain constraints, material shortages, and inflation, all of which impact the accuracy of engineering estimates. T&A has adapted its approach to address these challenges, employing detailed quantity takeoffs, market-informed unit pricing, contingency analysis, and contractor feedback loops. These strategies have proven effective: in our recent 2025 bids, the engineers estimate we have produced have come back around the average of the contractors Bids, demonstrating the reliability of our process. Project Managers regularly update estimates as new information becomes available, monitor when estimates were last revised, and adjust for price changes if projects are delayed or resumed. Accurate cost estimates are critical for the City of Pompano Beach to budget current and future projects, and the T&A Team is committed to providing them. The following chart summarizes T&A's approach of producing the most accurate Engineers estimates possible.



RECENT, CURRENT, AND PROJECTED WORKLOAD

2019 PROJECTS		
Project Name	Project Number	Project Status
SBBC SWM Renewals	19002	Completed
WASD Basin D2 - 15158 ROSS	19003	Active
WASD Basin S2 15978	19004	Active
BC Courthouse Striping & ADA QVL	19006	Completed
Cape Coral Dewatering	19007	Completed
Fort Lauderdale Fire Station CTA	19008	Completed
Mancini Expert Witness ECC 14-15-16 Split	19010	Active
Waste Management Force Main	19011	Completed
North County Reclaimed System WWS	19012	Active
Modera Skylar Peer Review	19013	Completed
Public Safety Building Seal and Stripe QVL	19014	Completed
Fort Lauderdale City Employee Credit Union	19018	Completed
Four Seasons Drainage Study	19019	Completed
Port Everglades Grant	19022	Completed
SWM Solid Waste BCP&R	19023	Completed
Franklin Park Sidewalk and Lighting BCP&R	19026	Completed
SWM Renewals BCP&R	19027	Completed
Parkside CRA Dewatering	19031	Completed
East Lake SWM	19032	Completed
HCED Inhouse Plan Review	19033	Completed
Port Everglades Bypass Road	19041	Active
Broward College Central Campus Drainage	19043	Completed
Venetian Dewatering	19045	Completed
Margate Sports Park WZA	19050	Completed
Property Appraiser and VAB Bldg Renovation	19055	Active
Muffin Monster BC Main Jail WAZ	19059	Completed
Demo Water Treatment Plant and Storage Bldg.	19061	Completed
2020 PROJECTS		
Project Name	Project Number	Project Status
SW S-45 Pump Station	20001	Active
Spanish River Restrooms WZA	20002	Completed
BSO Women's Center SWM	20006	Completed
WWS District 3BC BP1	20007	Active
Building Renovation WZA	20012	Active
City of Deerfield Beach - CNG Fueling Station	20013	Completed
City of Boca Maintenance Operations Building (WZA)	20014	Completed
WASD PS 382 Proposed 8-inch FM	20016	Active
Enterprise Commerce Center 11 SWM Renewal	20017	Completed
Lafayette Hart Park Parking Lot (BCP&R)	20018	Active
Downtown Doral South	20020	Completed
84 Lumber 3700 S State Road 7	20022	Completed

College Avenue CEI CTA	20025	Completed
Boca Rosemary Ridge and Gopher Tortoise Preserve	20026	Active
Modera at Cornerstone	20029	Completed
Bridgeport School	20030	Completed
TA-1.042 SWM Renewals BCP&R	20031	Completed
Welcome Baptist Church / Big Children's Foundation	20033	Completed
445 Golden Beach Drive Residence	20037	Completed
Deerfield Beach Tigner Community Center (WZA)	20043	Completed
Mancini SWM Renewals	20045	Completed
Leonoff Residence	20048	Completed
Sarasota Dewatering Permit	20049	Completed
TA-1.043 Quiet Waters Irrigation	20051	Completed
2021 PROJECTS		
Project Name	Project Number	Project Status
UAZ 123 Construction Inspection	21007	Completed
Markham Park Bikebox	21008	Completed
Broward College Central Campus Close-Out and Easement Assist	21010	Completed
Stranahan House Capital Improvements	21012	Completed
Currie Park Improvements Dewatering	21013	Completed
Markham Park Campground Improvements	21014	Active
Sawgrass Business Center SWM	21016	Complete
MG3 Weston Repairs	21017	Complete
Heritage Park Maintenance Building	21018	Complete
Professional Consulting Services for FLL and HWO Airports, Building Projects	21020	Complete
Mancini SWM Renewals (1700/1825/1865)	21022	Completed
Mancini SWM Renewals (Crystal Park)	21023	Completed
South Road Dewatering	21029	Completed
Wellington Trace Dewatering	21030	Completed
BC Arch & Eng Contract ACAI	21031	Completed
Private Duplex AMS	21032	Completed
BC WR Courthouse Judge's Parking Lot QVL003	21033	Completed
Single Family 801 SE 11th Court	21034	Completed
Ross WASD PCTS 16076 MOT Plan	21035	Completed
Pompano Gateway Drive Dewatering	21036	Completed
Golden Beach Residence - 620 Ocean Boulevard	21037	Completed
City of Plantation Fire Station No. 2 Expansion	21039	Completed
Mancini SWM Renewal ECC 14, 15 & 16	21040	Completed
SWM Renewals BCSW&RS	21041	Completed
Beth Jacobs High School	21042	Completed
BC Control Structure #34 Replacement	21044	Completed
Lyons Park NIP - Dewatering (Giannetti)	21048	Completed
Single Family 2625 NE 2nd Ave	21049	Completed
Broward College Central Campus SWM Renewal	21050	Completed
Mancini SWM Renewal (ECC 8)	21053	Completed
TA-2.004 BC WMD CS-7 Retrofit	21054	Completed

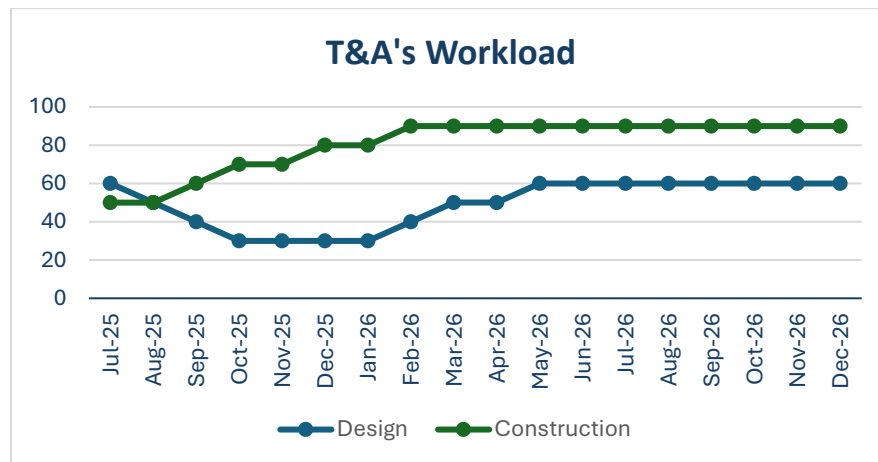
TA-2.005 BC WMD CS-9-12 Retrofit	21055	Completed
TA-2.005 BC WMD CS-11-43-44 Retrofit	21056	Completed
Wynwood Norte Apartments	21058	Completed
WWS BP2 District 3BC BP2	21062	Active
WWS BP3 District 3BC BP3	21063	Active
Mancini SW Renewal ECC SW13 Ave	21065	Completed
Broward College Stormwater Model Scenario	21069	Completed
811 SW 10th Ter AMS	21070	Completed
Pompano Charlotte Burrie Community Center Park WZA	21073	Active
ECC 12 & 13 SWM Renewal MANCINI	21074	Completed
IIP 1&2 MANCINI	21076	Active
SW 45th Way CEI Hourly	21077	Completed
2022 PROJECTS		
Project Name	Project Number	Project Status
NSU Academical Village MCRT	22002	Completed
SWM Renewal Island Industrial Park Mancini	22006	Completed
Luxury Homes SWM APTM	22007	Completed
Davie Orange Drive CTA	22008	Completed
CPB SW 2ND STREET DBF	22010	Completed
Deerfield Beach Drainage	22014	Active
Serino Park WZA	22015	Completed
Bonaventure Watermain Replacement Dewatering DMSI	22017	Completed
Martin County Airport Drainage Improvements Dewatering DBF	22019	Completed
North Regional Courthouse ACAI	22024	Completed
The Falls - SWPPP Inspections LTM	22026	Completed
Broward College - College Ave Dedication Modelling	22032	Completed
Pembroke Pines Dream Park WZA	22033	Completed
1914 Pierce Street Hollywood MG3	22034	Completed
Modera Aventura PI Review MCRT	22035	Completed
WWS Regional Effluent and Reuse Solutions	22036	Active
Village of North Bay Expert Witness	22037	Completed
Oakland Park Blvd WSP	22038	Active
US-1 Tunnel Fire Detection System ACAI	22041	Completed
Miramar Drainage CEI CTA	22045	Completed
WASD 10-inch FM	22052	Active
1620 N. Federal Hwy. Dewatering SIGHTWORKS	22055	Completed
BSO Detention Facility WZA	22057	Completed
212 S. Federal Hwy. Dewatering SIGHTWORKS	22060	Completed
Northeast HS SWM Ross	22061	Completed
Lanzo Driveway	22062	Completed
Mancini SWM Renewal - Independence Park Storage	22068	Completed
Lake Emerald Bank Stabilization	22073	Completed
Mancini SWM Renewal - ECC 9	22076	Completed
2995 N. Dixie Hwy. Dewatering SIGHTWORKS	22083	Completed
Modera Biscayne Bay II MCRT	22086	Completed

Broward County WRCH Parking Lot QVL	22087	Completed
2023 PROJECTS		
Project Name	Project Number	Project Status
Luxury Homes SWM Renewal ATPM	23001	Completed
BSO Womans Detention SWM Renewal WZA	23002	Completed
WASD PCTS NO. 16171 MOT ROSS	23004	Completed
Patch Reef Playground WZA	23005	Completed
Mobile Home Park	23008	Completed
Mancini SWM Renewal - Independence Park 4	23011	Completed
Modera @ Coral Springs Phase II MCR	23016	Completed
Misc. Tasks MCI	23018	Completed
EXOTECH Permit Close-out	23022	Completed
1213 W Las Olas Dewatering SIGHTWORKS	23026	Completed
UAZ 108 CEI CTA	23027	Completed
WASD Atlas Sheet R-26 Design ROSS	23028	Active
Quiet Waters Park BIKEBOX	23033	Completed
Hollywood Mooring Amendment #4	23034	Completed
Mancini SWM Renewal - ECC-4	23035	Completed
WWS Master Plan B&V	23036	Active
652 Ocean Boulevard MG3	23037	Completed
Ross Engineering LS Training	23038	Completed
Mancini SWM Renewal - ECC #12	23044	Completed
Broward College Central Campus - Dedication	23046	Completed
111 Wynwood MG3	23052	Active
WA#1 Technical Assistance for CIPs PBCWUD	23054	Active
2024 PROJECTS		
Project Name	Project Number	Project Status
WASD PCTS 16331 WM Replacement ROSS	24001	Active
Fire Station 23 Driveway QVL005	24005	Completed
BCWWS GSA	24008	Active
Broward College SWM Renewals	24010	Completed
Fort Lauderdale Credit Union SWM	24016	Completed
GSA WA#1 - Force Main BCWWS	24032	Active
Dania Beach - Olsen Park WZA	24038	Active
Northeast HS JGA	24040	Active
Nova Middle & High School JGA	24042	Active
Glorieta Gardens Apartments Dewatering	24048	Completed
Broward College Lake Reconfiguration	24051	Active
2025 PROJECTS		
Project Name	Project Number	Project Status
Port Storage MN	25007	Completed
GSA WA#3 NE 22 Avenue 20-inch FM GSA WA#3 NE 22 Avenue 20-inch FM	P25010	Projected
CSA#2 PBCWUD - SCG FM Meter	25020	Active
SWA General Engineering Services RFQ	25023	Active
CSA#4 Belle Glade MHPs WM Replacement	P25043	Projected

Sunrise Directional Bore MBR	25025	Completed
We Financial Florida SWM Pines	25033	Completed
CSA#3 East Main Street Septic to Sewer	P25042	Projected
City of Pompano Beach – Continuing Engineering Consulting Services (CCNA)	P25049	Projected
Project Summary		
Total - Completed	126 Projects	
Total - Active	33 Projects	
Total - Projected	4 Projects	

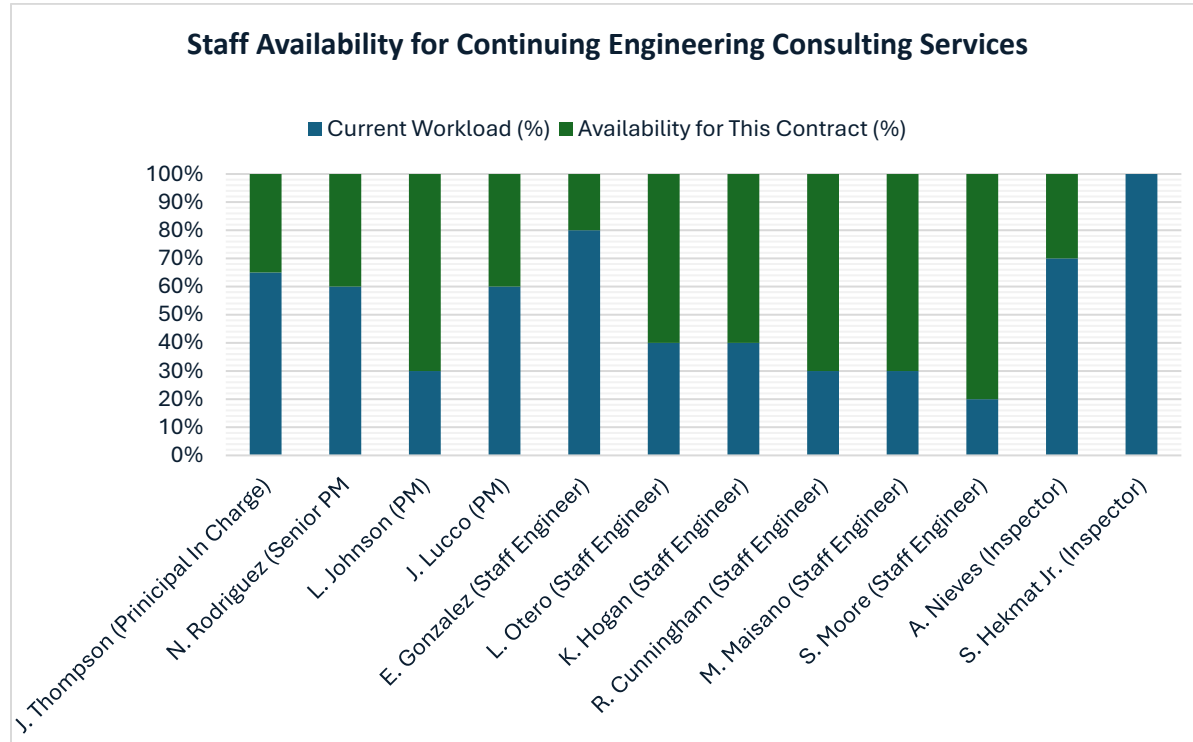
WORKLOAD OF THE FIRM

Since 2008, T&A has grown strategically by recruiting skilled professionals who share our corporate philosophy, enabling consistent delivery of high-quality, responsive service. We are fully committed to dedicating staff and adjusting workloads to prioritize this contract, ensuring timely and focused delivery of all services. With several projects entering construction in 2025, our construction resources are expected to increase. We have planned for this by training an additional full-time inspector and will hire and train any additional inspectors as needed to meet the City's requirements. As a small firm, one of our key strengths is our staff's experience and versatility; our engineers are trained to support all project phases, including site inspections. Our project management and design teams are fully available to start work immediately on any tasks assigned under this contract.



STAFF AVAILABILITY

The following chart summarizes our current staff availability. Our Fort Lauderdale office is fully equipped to begin work immediately, with experienced personnel ready to support all project phases. The team includes one (1) Principal-in-Charge, one (1) Senior Project Manager, two (2) Project Managers, six (6) Staff Engineers, and two (2) full-time Inspectors, ensuring comprehensive coverage for both design and construction tasks under this contract.



ABILITY TO COMPLETE PROJECTS ON TIME

T&A has an exemplary track record of meeting and exceeding project schedule requirements, having met all municipal project deadlines over the past five years. We achieve this through proactive project management, strategic resource allocation, and transparent communication with clients. Our approach begins with front-end planning to identify schedule risks, establish realistic milestones, and secure early stakeholder alignment. Detailed, integrated schedules are developed and updated throughout the design phase and shared with the client, while concurrent workstreams are managed to compress timelines without compromising quality. We provide biweekly progress reports, immediately notify clients of potential delays with proposed mitigation strategies, and maintain strict oversight of subconsultants through contractual schedule requirements and regular coordination meetings. In addition, we leverage strong relationships with regulatory agencies and submit comprehensive permit packages to minimize review cycles, ensuring predictable and on-time project delivery.

Schedule Performance Example: BCWWS 24-inch Effluent Water Transmission Main

- **Project Owner/Client:** Broward County Water & Wastewater Services
- **Scope:** Design of 5-mile, 24-inch effluent water transmission main from the NRWTP to city of pompano beach oasis facility via Copan's Road and the pompano beach municipal golf course
- **Original Schedule:** 12 months (Design & Permitting)
- **Actual Completion:** 10 months (Design & Permitting)
- **Result:** Delivered final construction documents 2 months ahead of schedule

Challenge: The County faced a critical legislative deadline requiring the project to be bid-ready by a specific date, with funding from a Community Development Block Grant (CDBG), which required T&A to complete an environmental assessment as part of the design.

Our Solution:

- **Accelerated Project Schedule:** We immediately reorganized the project phases to compress the timeline by 2 months
- **Concurrent Phase Execution:** We overlapped preliminary design with survey work and began utility coordination during the 30% design phase rather than waiting for 60% completion
- **Enhanced Staffing:** We assigned additional senior staff to conduct real-time QA/QC reviews, eliminating the typical 2-week review cycles between submission phases
- **Streamlined Permitting:** We held pre-application meetings with FDEP, FDOT, NCHCED, COPB, FEC, and BCRED to expedite approvals and submitted comprehensive packages that required minimal revisions

Schedule Performance Example 2: BCWWS Sanitary Sewer Collection System for Area 2-F

- **Project Owner/Client:** Broward County Water & Wastewater Services
- **Scope:** Design and construction services for a project that involved the installation of a gravity sewer, lift station and force main collection system to service 50 commercial and industrial properties
- **Scheduled Completion:** 11 months (Design and Permitting)
- **Actual Completion:** 11 months (Design and Permitting)
- **Result:** Delivered final construction documents within the project schedule even though the route was altered mid-design.

Key Success Factors:

- **Detailed Project Planning:** Developing a comprehensive schedule that identifies critical path activities, milestones, and dependencies early in the project.
- **Proactive Coordination:** Early and ongoing coordination with the client, permitting agencies, and utility owners to prevent delays.
- **Concurrent Task Management:** Executing tasks in parallel where possible, such as survey work, preliminary design, and utility coordination.
- **Experienced Project Team:** Assigning qualified staff with prior experience on similar projects to ensure efficient workflow and timely problem resolution.

ABILITY TO COMPLETE PROJECTS ON BUDGET

T&A maintains exceptional budget performance across all projects, recognizing that strict adherence is critical for municipal engineering departments where funding is established years in advance through capital improvement programs, grants, and dedicated revenue sources. Cost overruns can necessitate reauthorization by governing bodies, reprogramming of capital funds, or deferral of other priority projects. To prevent these impacts, we implement rigorous cost controls throughout every project phase, including detailed scope definition, ongoing fee and effort tracking, proactive change management, and early identification of potential cost drivers. Our comprehensive budget management approach includes preparing task-based staff hour estimates using actual data from similar projects to establish realistic fees, integrating value engineering to identify cost-effective design solutions, and documenting scope changes immediately with full transparency and written authorization before proceeding. This disciplined approach ensures fiscal accountability, protects public funds, and supports predictable, on-budget project delivery.

Budget Performance Example: BCHCED Port Everglades Bypass Road

Project Budget Data:

- **Original Negotiated Design & Permitting Fee:** \$382,933.58
- **Final Design & Permitting Fee (at completion):** \$359,006.65
- **Client Savings:** \$23,926.93 (6.25% under budget, using 93.75% of original allocation)

- **Project Scope:** As a subconsultant, T&A provided roadway drainage design for the bypass road and bridge, including drainage calculations, permitting, and water/force main relocations due to conflicts with the new roadway.
- **Results:** Delivered 100% construction documents on time and under budget, saving the client \$23,926.93. This project highlights T&A's ability to proactively manage budgets, efficiently navigate a dense underground utility corridor, and optimize staff resources.

Cost Control Measures Employed:

- **Efficient Technical Execution:** Experienced drainage engineers completed stormwater calculations and design efficiently, reducing revision cycles and associated costs.
- **Streamlined Permitting:** Initial permit submittals were prepared accurately, minimizing agency comments and avoiding costly resubmittals.
- **Optimized Staff Allocation:** Tasks were assigned strategically, with senior engineers handling design decisions and junior staff supporting production under supervision, maximizing efficiency.
- **Proactive Value Management:** Identified opportunities to simplify design elements and resolve conflicts early, directly contributing to cost savings for the client.

Budget Performance Example with Scope Modification: City of Pembroke Pines - Dream Park Playground and Community Center

Original Project Budget Data:

- **Original Negotiated Design Fee:** \$21,898
- **Original Scope:** Civil site work including water and sewer utilities for new community center, walking loop with workout stations, and playground facilities, including design and permitting

Scope Modification:

- **Change Event:** After permit approval, the City received feedback from the local fire department requesting that the water main within the park be looped for improved fire flow and system redundancy. This was not included in the original scope or design.
- **Additional Scope Required:** Design of 750 LF of additional water main to create a looped system, preparation of revised utility plans, and submittal of a second water main extension permit through FDEP
- **Additional Fee (fully documented):** \$10,500 (HNTE proposal)
- **Actual Additional Fee Expended:** \$7,225 (31% under the approved change order budget)
- **Final Total Fee:** \$29,123 (original \$21,898 + actual \$7,225)
- **Results:** T&A delivered the original project on schedule and on budget (\$21,898) and, after an unforeseen scope change, completed the additional work 31% under the approved change order, providing the City with the enhanced looped water main system for \$3,275 less than the modified budget while meeting all fire department requirements and obtaining necessary permits.

Transparent Scope Management:

- **Immediate Notification:** T&A immediately notified the City project manager that this constituted a scope change requiring additional design and permitting work not included in the original contract
- **Detailed Cost Proposal:** We prepared a comprehensive Hourly Not-To-Exceed (HNTE) proposal breaking down the additional work by task: water main design, plan revisions, hydraulic calculations, and second FDEP permit submittal
- **Written Authorization:** We obtained written approval for the \$10,500 HNTE before proceeding with any additional work
- **Expedited Technical Execution:** We leveraged our technical expertise to develop permittable design and construction plans quickly, drawing on our extensive experience with FDEP water main extension permits
- **Strategic Agency Coordination:** We reached out directly to our contact at FDEP, explained the situation (same project, additional looped connection), and successfully obtained expedited permit review and approval

REFERENCES

REFERENCES

Reference 1:

Client Name:	Broward County Water and Wastewater Engineering Division
Client Address:	2555 W. Copans Road, Pompano Beach FL 33069
Client Contact:	Sabrina Baglieri
Client Contact Information:	Phone - 954-831-0907 Email - sbaglieri@broward.org
Reference Project:	BCWWS Effluent Water Transmission Main
Dates:	Design/ Permitting – November 2023 to September 2024 Construction – Expected February 2026
Construction Cost:	Final Estimate - \$25,000,000
Description of Work:	
T&A was retained to provide design and construction services for a project that involves the installation of a 24-inch, 20,000-linear-foot pipeline to transport effluent water from the North Regional Wastewater Treatment Plant to the Pompano Beach Oasis Facility. The project requires construction methods, including directional drilling, micro-tunneling, and open cut, with notable challenges such as crossings over I-95, railroads, and culverts. The pipeline will go through public rights-of-way and segments of the Pompano Beach Golf Course. Roadway restoration and pavement marking and striping (along Copans Road) plans were also completed. This includes special restoration considerations for the golf course like sod. This project also involved providing grant assistance and preparing an Environmental Assessment for HUD-assisted initiatives, as \$6.25 million of the project is funded through a Community Development Block Grant (CDBG). Construction is pending award.	

Reference 2:

Client Name:	Broward County Water and Wastewater Engineering Division
Client Address:	2555 West Copans Road, Pompano Beach, FL 33069
Client Contact:	George Lopez, EI
Client Contact Information:	Phone - 954 831-0919 Email – galopez@broward.org
Reference Project:	BCWWS Sanitary Sewer Collection System for District 2 (STEP)
Dates:	Design/ Permitting – October 2019 to December 2020 Construction – November 2021 to October 2022
Construction Cost:	\$3,500,000
Description of Work:	
T&A was retained to provide design and construction services for a project that involved the installation of a gravity sewer, lift station and force main collection system to service 50 commercial and industrial properties in Pompano Beach, FL. The existing facilities consisted of septic tanks and five properties that had private lift stations to be eliminated in favor of gravity connections to the new systems. T&A developed the preliminary design report, the project design, permitting, bidding assistance, and managed the construction phase of the project. T&A successfully worked with the contractor to redesign the system during construction after FDOT did not grant the Contractor permission to close multiple lanes on Powerline Road. T&A also worked with Broward County Traffic to restore the faded striping along the area.	

Reference 3:

Client Name:	Miami Dade Water and Sewer Department
Client Address:	3575 S. Le Jeune Road, Miami, FL 33133
Client Contact:	Lisel Suarez Toledo, PE
Client Contact Information:	Phone – 786.552.4439 Email - lisel.suareztoledo@miamidade.gov
Reference Project:	Pump Station 313 Proposed 10-inch Force Main
Dates:	Design/ Permitting – November 2023 to January 2025 Construction – In construction
Construction Cost:	Bid - \$3,485,893.35
Description of Work:	
T&A provided engineering design, permitting, and construction administration services for approximately 2,000 linear feet of 10-inch PVC force main within the City of North Miami right-of-way, connecting Pump Station 313 to an existing 36-inch force main and upsizing the existing 8-inch force main. The project was located within a significant utility-dense corridor, requiring coordination with multiple large-diameter mains. Design and construction required maintaining the existing 8-inch force main in active service while the new 10-inch force main was installed and tested. Project scope included roadway restoration, geotechnical evaluation, and preparation of maintenance-of-traffic (MOT) plans. Coordination was also required with the MD-WASD Pump Station 313 upgrades project (by others). Construction of the force main is currently underway.	



PROJECT TEAM FORM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER 26-003

Federal I.D.# 59-3823672

PRIME

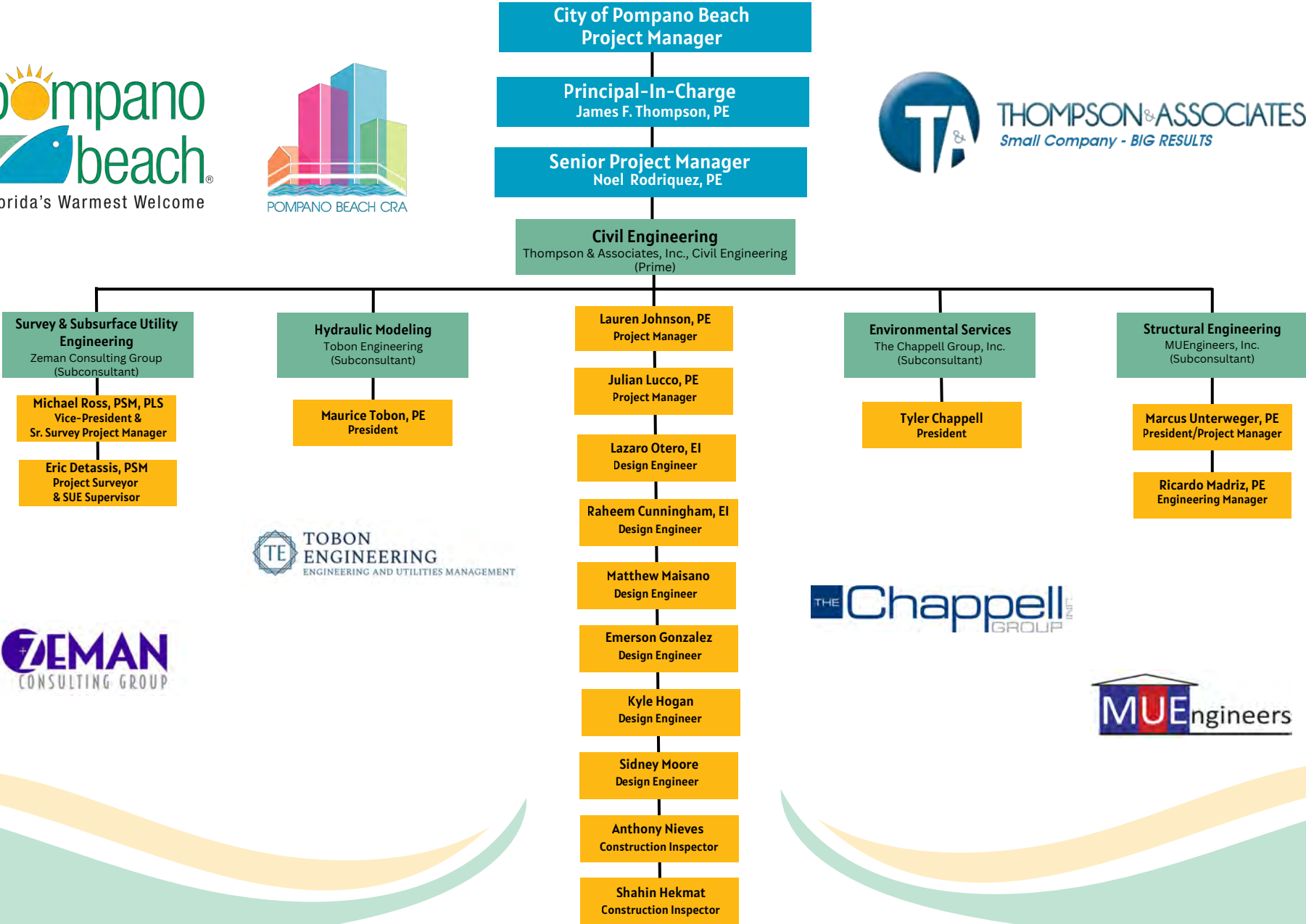
Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	James F. Thompson,P.E.,LEED-AP	30+	M.S. Civil/Envir. Eng.
Project Manager	Noel Rodriguez, P.E.	13+	B.S. Civil Eng.
Asst. Project Manager	Lauren Johnson, P.E.	6+	B.S. Civil Eng.
Other Key Member	Julian Lucco, P.E.	5+	B.S. Civil Eng.
Other Key Member	Lazaro Otero, E.I.	2+	B.S. Civil Eng.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	Zeman Consulting Group 3970 RCA Boulevard - Suite 7750, Palm Beach Gardens, FL, 33410	Michael Ross, PSM
Landscaping		
Engineering	MUEngineers, Inc. 3440 NE 12th Avenue,Oakland Park, FL,33334	Marcus Unterweger, P.E.,S.I.,LEED-AP
Other Key Member	Tobon Engineering 5504 NW 86th Way, Coral Springs,FL,33067	Maurice Tobon,P.E.,PMP
Other Key Member	The Chappell Group, Inc. 714 E McNab Rd, Pompano Beach,FL,33060	Tyler Chappell
Other Key Member		
Other Key Member		

(use attachments if necessary)

ORGANIZATIONAL CHART



A photograph of a construction site. In the foreground, a large, light-colored concrete pipe is being lowered into a deep trench. The pipe has a metal strap attached to its top edge. In the background, a yellow excavator with "REDLAND" written on its side is working. Several workers in orange safety vests are visible. The site is surrounded by trees and a clear blue sky. The image is framed by two large, stylized, curved shapes in green and orange.

STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM

STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM

T&A has assembled a highly qualified team of professional engineers, project managers, inspectors, and technical staff whose experience directly aligns with the types of projects anticipated under this solicitation. Our project team has extensive recent experience delivering municipal utility improvements, drainage upgrades, parks and recreation facilities, roadway and site-civil design, and permitting services throughout South Florida. Over the past five years, our team has successfully completed dozens of projects that mirror the scope, complexity, and regulatory environment of the City's anticipated work. Our team structure emphasizes continuity, accountability, and technical depth.

Thompson & Associates, Inc., Civil Engineering

Thompson & Associates, founded in 2008 and a certified Broward County CBE, will serve as the **prime consultant, providing civil engineering services including design, permitting, bidding support, and construction administration**. Over the past 17 years, T&A has successfully managed numerous large- and small-scale utility infrastructure projects involving effluent water, reclaimed water, force mains, gravity sewers, pump stations, and water mains, ranging from small-diameter pipelines to 42-inch transmission mains. We have built a strong reputation for responsive and collaborative service to municipal clients, prioritizing clear communication and proactive coordination throughout every project phase, from initial scoping through design, permitting, and construction support. Our team engages regularly with city staff, project managers, office and field personnel, and other stakeholders through meetings, email updates, and submittal reviews to ensure project requirements are efficiently met. T&A's client-focused culture emphasizes flexibility, responsiveness, and tailoring our approach to each municipality's specific needs, timelines, and regulatory requirements. We have successfully completed projects in a wide range of challenging environments, including FDOT roadways, SFWMD rights-of-way, residential neighborhoods, ports with complex underground infrastructure, and high-traffic major roadways, consistently fostering close, lasting working relationships to achieve successful project outcomes. T&A currently employs fourteen (14) professionals, including four (4) Professional Engineers (PE's), two (2) Engineer Interns (EI's), five (5) technical design staff and two (2) administration staff members.

Zeman Consulting Group

Zeman Consulting Group (ZCG), established in March 2021, is a client-focused firm founded by four professional land surveyors. ZCG as a **subconsultant will provide Surveying and Subsurface Utility Engineering for this contract**. ZCG specializes in delivering geospatial solutions through advanced technology and has highly trained staff. The firm employs 20 full-time professionals, including four licensed surveyors, and operates five field crews – three for surveying and two for Subsurface Utility Engineering (SUE). ZCG supports contracts with FDOT (statewide), SFWMD, Palm Beach County, and various public and private sector clients.

ZCG's qualifications include FDOT prequalification in multiple survey categories, certifications with SFWMD as a **Small Business Enterprise (SBE)**, and Palm Beach County qualifications in land surveying and remote sensing. Key services include boundary surveys, hydrographic surveys, mobile LiDAR scanning, underground utility mapping, and UAS photogrammetry. ZCG excels in providing innovative and efficient geospatial solutions, prioritizing professionalism, collaboration, and client satisfaction.

The Chappell Group

The Chappell Group, Inc. was founded in 2005 and **as subconsultant will provide Environmental Consulting Services for this contract.** TCG is a certified WBE/DBE/SBE firm that specializes in wetlands delineation, mitigation and monitoring, infrastructure permitting and design, marina design and permitting, threatened and endangered species surveys, benthic surveys, tree surveys and appraisals, construction observation and compliance, and all forms of environmental permitting and compliance for Federal, State, and local agencies. For over 20 years, TCG has provided environmental permitting services for various projects, project phases and permit compliance. TCG coordinates with various local, State, and Federal agencies during the pre-application process, permitting processes, and compliance phase. We have experience with agencies such as United States Army Corps of Engineers, United States Coast Guard, United States Fish and Wildlife Service, Florida Department of Transportation, Florida Department of Environmental Protection, South Florida Water Management District, Southwest Florida Water Management District, Florida Game and Freshwater Fish Commission, and Broward County Resilient Environment Department. In addition, TCG has obtained grant funding for multiple projects through programs such as the Waterways Assistance Program associated with the Florida Inland Navigation District agency for municipality projects along the Intracoastal Waterway and assisted in the bidding process.

TCG has performed environmental planning, design, grant funding, bidding, and construction services including coastal and infrastructure design along with permitting services for clients in the public and private sectors below budget and within construction time constraints. TCG's extensive experience in permitting for small and large public capital projects makes it one of the most qualified firms in Florida for this project.

Tobon Engineering

TOBON was founded in 1997 and **as a subconsultant for this contract will provide hydraulic modeling of water and wastewater systems.** Over 30 years ago upon graduating from college Mr. Tobon's first assignments as a consultant were the development of hydraulic models for the City of Coral Springs, Miami Beach and Boca Raton. Upon his employment with the City of Fort Lauderdale he immediately took responsibility of the water and wastewater hydraulic models that had been developed by consultants under his guidance. During his remaining years with the City, he worked with consultants to update and expand both the water and wastewater models into useful tools for capital planning. This technical hydraulic modeling skill continued when he was employed by Palm Beach County Water Utilities where he became a mentor to younger staff and developed inhouse hydraulic modeling capabilities.

Tobon provides over 30 years of hydraulic modeling experience using KYPIPE, Cybernet, and Infowater (Innovyze) software. Mr. Tobon has developed hydraulic models up to 75,000 pipes for both water and wastewater systems, including pump and booster stations. Experienced in model development from GIS databases, calibration based on field test data, capital planning, and evaluation. This experience includes steady state as well as extended period simulation of multiple water distribution systems and the generation of various scenarios to account for hourly demand patterns, seasonal variations as well as fire flow demands. For wastewater systems experience includes static as well as extended period simulation

of multiple wastewater pump station and force main systems, incorporating knowledge on the simulation of collection area flow patterns, pump operations, and analysis of resultant force main pressures, flows and pump station cycling.

MUEngineers

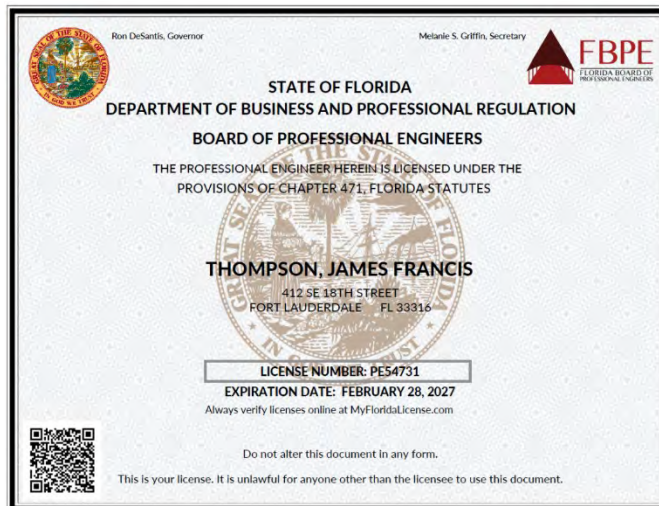
MUEngineers, Inc. was founded in 2010 and is a full-service, dynamic structural engineering and inspection firm that as a **subconsultant will provide structural engineering services** for this contract. MUE is dedicated to delivering innovative, cost-effective solutions across a wide range of project types and scales. With a deep understanding of building systems and construction methods, we serve commercial, industrial, legal, and residential clients bringing precision and creativity to everything from single-story structures to high-rise developments. Whether designing a one-story retail space or a thirty-story residential tower, our team carefully selects the structural system that best suits each project, balancing budget, constructability, and local construction techniques to ensure optimal performance and value.

MUE is also a trusted partner in the public sector, with a strong history of city and county continuing contracts throughout Florida. Our public work includes the structural design of fire stations, maintenance and administration buildings, amphitheaters, community centers, park walkways, boardwalks, gazebos, and restrooms. We've also led the restoration and conversion of existing facilities such as police stations, seawalls, jetties, piers, and park structures.

PRIME CONSULTANT PROJECT MANAGERS AND KEY STAFF

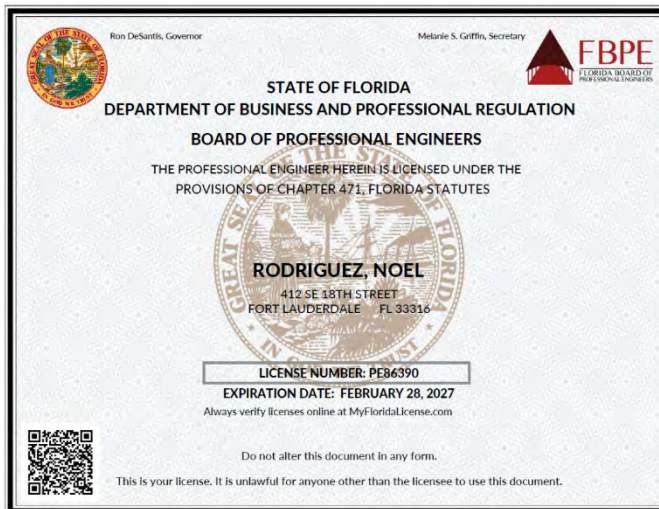


James F. Thompson, P.E., LEED-AP will serve as the Principal in Charge for the Thompson and Associates team. Mr. Thompson has over **30 years of experience** working on the municipal utility and right-of-way improvements, horizontal directional drill (HDD) projects, value engineering, peer review reports, land planning, platting, parcel dedications, infrastructure and site civil design, permitting, geotechnical testing, construction inspection and contract administration for private and municipal clients. Mr. Thompson's municipal experience includes large multi-phase neighborhood redevelopment projects, minor treatment plant improvements, utility and right-of-way improvements, and various new municipal projects such as parks and schools. His experience includes working on preliminary engineering reports, construction document preparation, utility design, project management, and construction administration and inspection. He has over eighteen (18) large-phased infrastructure redevelopment projects. He will provide design and constructability guidelines, thorough quality assurance/ quality control reviews of reports and construction documents and be a direct line of contact for the City. Our proven track record of providing projects on time and within budget will continue under this continuing service agreement.



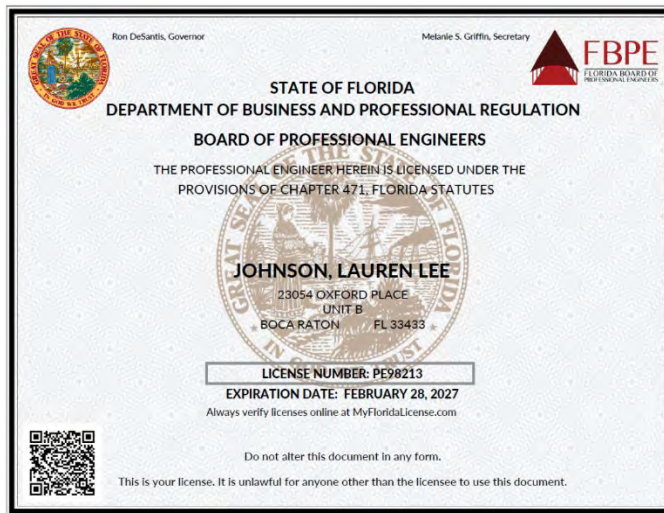


Noel Rodriguez, P.E. will serve as the Senior Project Manager, overseeing all project design and construction phases of the projects in this solicitation, for the Thompson and Associates, Inc. team. Mr. Rodriguez has over **13 years of experience** working on the design, permitting, and construction administration phases of parks and recreation, land development, and utility infrastructure improvement projects for Broward County and other municipalities. These projects include but are not limited to Splash Pads, Mooring Fields, Docks, Sidewalks, Bicycle Trails, Playgrounds, Parking Lots, Drainage Design, Drainage Master Plans, Demolition of Structures, Utility Design and Accessory Structures, Potable and Reclaimed water distribution and Sanitary Sewer systems, Large Diameter Transmission Mains, and Dewatering Calculations. His experience includes working on preliminary engineering reports, construction document preparation, site plans, drainage and utility design, project management and construction administration. Noel is thoroughly involved in all phases of projects. He will approve final design, oversee the permitting process, provide bidding assistance, perform construction administration (including project closeout) and be a direct line of contact for the City. Noel's managerial and design roles have worked successfully for T&A and will continue through this continuing services agreement.



Lauren Johnson, P.E., will serve as a Project Manager and Professional Engineer overseeing project design and construction phases of the projects in this solicitation, for the Thompson and Associates, Inc. team. Ms. Johnson has **over 6 years of experience** in civil engineering, specializing in both public and private development projects. As a project manager, she has managed all aspects of engineering design, including roadway and parking lot layouts, water distribution systems, sewer collection and distribution networks, reclaimed water systems, stormwater management, and drainage design. Ms. Johnson has extensive experience in infrastructure and parks and Rec projects which will prove useful for this contract, helping to mitigate issues, saving the City time and money. Ms. Johnson expertise extends to utility coordination, complete plan production, permitting processes, and engineering cost estimation. She is also skilled in construction administration and site inspection, ensuring that projects meet both design standards and

regulatory requirements. Lauren's comprehensive approach and attention to detail make her a valuable asset in delivering successful engineering solutions.



Julian Lucco, P.E. will serve as a Project Manager and Professional Engineer overseeing project design and construction phases of the projects in this solicitation, for the Thompson and Associates, Inc. team. Mr. Lucco has **over 5 years of experience** in civil engineering, contributing to development projects in both the public and private sectors. He has expertise in various aspects of engineering design, including roadway and parking lot development, water distribution systems, sewer collection systems, transmission main infrastructure, stormwater management, and drainage design. Mr. Lucco brings a wealth of experience working with Broward County which will ultimately lead to positive outcomes during this professional services contract. Mr. Lucco demonstrates proficiency in utility coordination, plan production, permitting, and engineering cost estimation. His involvement in the planning, engineering design and construction administration phases of the project underscores his commitment to delivering effective and compliant project outcomes. Julian brings an experience-based proactive approach to addressing complex engineering Challenges.



SUBCONSULTANTS PROJECT MANAGERS AND KEY STAFF

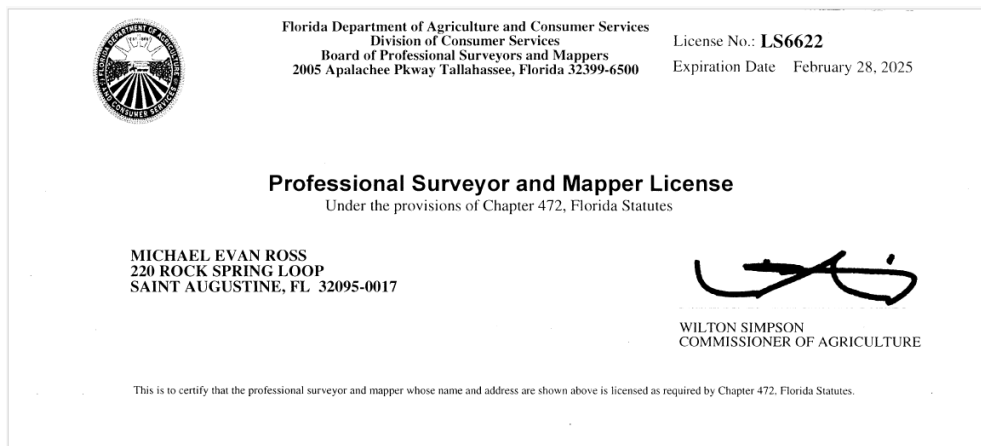
Zeman Consulting Group



Vice-President & Sr. Survey Project Manager

Michael Ross, PSM, PLS, brings over 39 years of experience in all facets of professional surveying and mapping operations which include project management, new business development, financial oversight, and operational management. Michael's professional experience includes transportation design surveys, boundary surveys, topographic surveys, right-of-way mapping, utility locating and mapping, and construction survey support for various DOT Districts and public and private sector clients throughout Florida, North Carolina, and the

Northeast.



Project Surveyor and SUE Supervisor

Eric Detassis, PSM, brings 22 years of experience. Eric's primary duties consist of assisting in project management and production on topographic, horizontal, and vertical control, boundary/right-of-way, and static/aerial/terrestrial and mobile LiDAR projects. In addition, he processes and maps GPS, EFB, static and mobile LiDAR data and performs calculations using various CAD platforms. Mr. Detassis mentors field crews and office staff and is also a co-owner of Zeman Consulting Group. In addition to his day-to-day responsibilities, he serves as Secretary of the

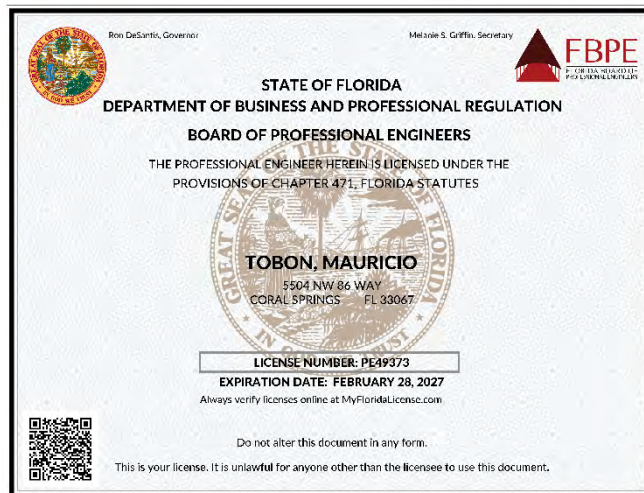
Florida Survey and Mapping Society, Palm Beach Chapter.

Tobon Engineering



President

Maurice Tobon, PE, President of the Tobon Engineering with over 34 years of experience in water, wastewater engineering, master planning, utilities management, construction in south Florida and internationally. He served for nineteen years at the highest management levels of two of the largest water utilities in south Florida (Palm Beach County and City of Fort Lauderdale) and was responsible for nearly \$ 1 billion in capital improvements. His experience consists of water and wastewater engineering and planning, in particular master planning, hydraulic modeling, capital planning, operations and maintenance and vulnerability/emergency response planning. Mr. Tobon has unique experience and insight from many years in government and understands the issues faced by water and wastewater utilities.



The Chappell Group, Inc.



President

Tyler Chappell, President of the Chappell Group, Inc. and his capabilities include wetland jurisdictional determinations, environmental feasibility studies, seagrass surveys, gopher tortoise surveys, environmental permitting with all agencies, mitigation design, mitigation monitoring, and coastal engineering. Mr. Chappell has conducted several endangered and threatened species surveys, jurisdictional determinations, and environmental monitoring reports. Mr. Chappell has over 25 years of experience in many types of environmental permitting, including residential/commercial docks and marina permitting. Mr. Chappell serves on various community service boards and is the past president of the South Florida Association of Environmental Professionals, the past Broward Commissioner of the Florida Inland Navigation District, and the Hillsboro Inlet District. Mr. Chappell is also an ISA Certified Arborist.



The International Society of Arboriculture

Hereby Announces That

Earvin Tyler Chappell

Has Earned the Credential

ISA Certified Arborist®

By successfully meeting ISA Certified Arborist certification requirements through demonstrated attainment of relevant competencies as supported by the ISA Credentialing Council

Carolyn Bell
Carolyn Bell
CEO & Executive Director

9 August 2018

Issue Date

31 December 2025

Expiration Date

11,621-15

Certification Number

ANAB
220 North Main Street, Suite 100
Arlington, VA 22201
800-555-5555
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MUEngineers, Inc.**President**

Marcus Unterweger, PE, LEED AP, President of MUE, serves as the primary contact for all projects. A Florida-registered professional engineer with over 26 years of experience, Mr. Unterweger has led the structural design of educational and municipal facilities, high-rise buildings, clubhouses, office buildings,

pedestrian bridges, public parks, seawall restorations, and parking garages.

Since founding MUE in 2010, he has built a team of forward-thinking professionals who share his vision for delivering superior results. Mr. Unterweger holds a master's degree in structural engineering from the Technical University of Munich and an MBA from the Business School of Edinburgh. He oversees projects from start to finish, representing MUE at meetings, presentations, and site visits, and maintaining direct communication with clients, design teams, and contractors.

**Vice President**

Ricardo Madriz, PE, LEED AP, Vice President, brings over 20 years of structural engineering expertise. He is highly skilled in structural analysis, advanced design software, and current building codes and standards. Mr. Madriz has led the design of educational and municipal facilities, residential buildings, water-related structures, restorations, office buildings, and parking garages. He has played a key role in numerous public sector projects during his tenure at MUE. Holding both bachelor's and master's degrees in

structural engineering from McGill University, Mr. Madriz serves as Project Manager, overseeing daily operations, coordinating with the design team, reviewing engineering work, resolving technical issues, and ensuring timely delivery of final structural drawings.



SIMILAR PROJECTS

T&A, as the prime consultant, employs a skilled team of engineers and technical professionals dedicated to the planning, design, and management of civil engineering projects throughout South Florida. The firm's structure ensures consistent involvement from senior leadership on every assignment, providing technical accuracy, quality control, and responsive communication across all phases of work. Our team is supported by highly qualified subconsultants whose expertise complements T&A's capabilities, allowing us to address a wide range of project requirements efficiently and effectively.

In preparation for this submission, T&A has reviewed the **City of Pompano Beach Capital Improvement Plan (CIP) for Fiscal Years 2026–2030**. The projects highlighted in the CIP, combined with the relevant experience of T&A and our subconsultants, demonstrate our ability to successfully deliver potential work authorizations, including sidewalk improvements, parking lots and ADA upgrades, restroom and concession buildings, pavilions, park facilities and structures, water main replacement, lift station rehabilitation and replacement, reuse distribution system expansion, force main replacement, canal dredging, and seawall improvements. These examples underscore that T&A, supported by our subconsultants, is fully capable of executing any project issued by the City under this continuing services contract.

Collectively, T&A and our subconsultant team offer:

- Proven experience with continuing services contracts, including Broward County Parks (Completed), BCWWS (Current), PBCWUD (Current), and MD-WASD (Completed).
- Extensive permitting relationships with FDEP, FDOT, SFWMD, USACE, Broward County, and the City of Pompano Beach.
- Technical expertise in utility design, drainage modeling, pump station rehabilitation, site-civil improvements, parks and recreation facilities, and roadway design.
- Experience working in complex environments, including FDOT corridors, SFWMD easements, residential neighborhoods, and marine or park settings.

This highly skilled and experienced team, together with our subconsultants, is fully prepared to deliver the City's projects efficiently, responsively, and to the high standard of quality expected under this solicitation. The following project cut sheet highlights T&A's and our subconsultants' extensive experience on projects of similar scope, size, and complexity to those anticipated under this continuing services contract.

POMPANO CHARLOTTE PLAYGROUND

POMPANO BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Walters Zackria Architects
5813 N. Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

March 2023 – Pending Construction

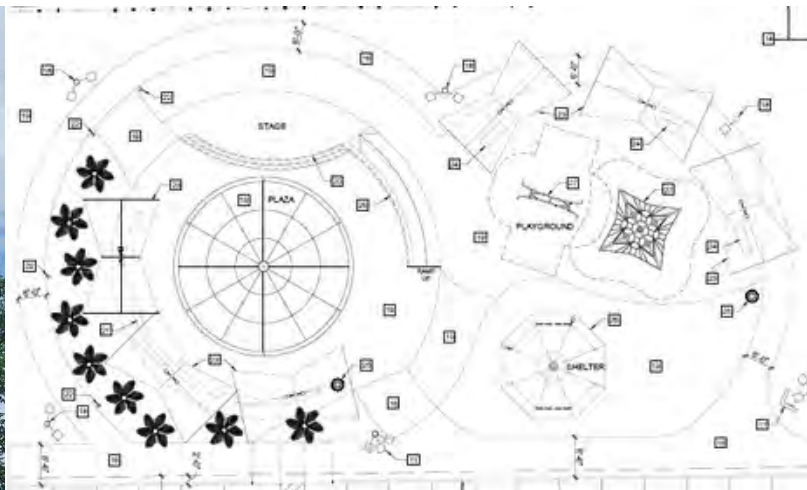
ESTIMATED CONSTRUCTION COST:

\$1.7 Million

PROJECT DESCRIPTION:

This Project involved Civil Engineering services for the construction of the City of Charlotte J. Burrie Community Center playground and parking area extension located at 2669 N. Federal Highway, Pompano Beach, Florida 33064. The park amenities included a amphitheater, playground, walking trail, sidewalk and gazebo.

As the engineer of record T&A is responsible for engineering services on the project, including demolition plans, site grading for the playground and parking area, and the development of a stormwater drainage system as well as permitting, bidding, and construction administration.



CITY OF DEERFIELD BEACH TIGNER COMMUNITY CENTER

CITY OF DEERFIELD BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Civil Engineering Design

CLIENT NAME:

Walters Zackria Architects
5813 N. Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED-AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

February 2022 - October 2024

ESTIMATED CONSTRUCTION COST:

\$11.6 Million

PROJECT DESCRIPTION:

Located at 435 SW 2nd Street in Deerfield Beach, this project supports the City's effort to provide a new community facility honoring Johnny L. Tigner. The work included full site-civil design for the new building and associated improvements such as parking, sidewalks, and accessible routes.

The project encompassed paving, grading, drainage, water and sewer utilities, pavement marking and signage, and a stormwater pollution prevention plan (SWPPP). Permitting services were coordinated through the Broward County Resilient Environment Department (BCRED), South Florida Water Management District (SFWMD), and the City of Deerfield Beach Engineering Department.

As Engineer of Record, T&A provided comprehensive civil engineering design, permitting, and construction administration services. T&A reviewed and finalized stormwater calculations, water and sewer plans, ADA routes, and grading design, while assisting the client and contractor throughout construction and project close-out.



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(954) 761-1073



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MARKHAM PARK MULTIPLE PROJECTS

CITY OF SUNRISE, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime

CLIENT NAME:

Broward County Parks and Recreation
Division
950 NW 38th Street
Oakland Park, FL, 33309

CLIENT CONTACT:

Michael Halupke
(954) 577-4637
mhalupke@broward.org

PROJECT START & END DATE:

August 2021 – In Construction

ESTIMATED CONSTRUCTION COST:

\$2.1 Million

PROJECT DESCRIPTION:

The project includes the design, permitting, and construction of concrete RV pads for 80 campsites at Markham Campground, along with pavement repairs for one parking lot, a paved driveway for the on-site Sheriff, and replacement of pull-through asphalt sites with concrete.

A key feature of the project was the phased construction of campsites in circular zones, allowing one area to be completed, undergo required concrete testing, and then reopen for campers before moving to the next circle.

As Engineer of Record, T&A provided site paving, grading, drainage design, and stormwater calculations while ensuring environmental compliance within sensitive areas of the L-35A SFWMD right-of-way. Permitting coordination included Broward County, South Florida Water Management District, and U.S. Army Corps of Engineers, with a jurisdictional determination and wetland data collection confirming no wetland impacts. A Letter of No Permit was issued by USACE.



WILLIAM B. ARMSTRONG DREAM PARK

CITY OF PEMBROKE PINES, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Walters Zackria Architects
5813 N. Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

June 2022 – August 2025

ESTIMATED CONSTRUCTION COST:

\$4.9 Million

PROJECT DESCRIPTION:

The project included the design, permitting, and construction of civil site improvements to support a new Community Center. Site features included a playground, walking track, outdoor fitness stations, amphitheater, access paths, and associated open spaces.

The stormwater improvements required coordination with multiple agencies, including the South Broward Drainage District, the City of Pembroke Pines, and the South Florida Water Management District. In addition, T&A designed and permitted an unanticipated water main loop not in the original scope, completing the work while maintaining the project schedule.

As Engineer of Record, T&A provided site paving, grading, and drainage design, stormwater calculations, and utility extensions. The utility Scope included 965 LF of water main extension with service connections, 500 LF of gravity sewer extension with three manholes and a lateral.



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COUNTNESS DE HOERNLE PARK MAINTENANCE BUILDING

CITY OF BOCA RATON, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Walters Zackria Architects
5813 N. Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

July 2021 – February 2025

ESTIMATED CONSTRUCTION COST:

\$6.3 Million

PROJECT DESCRIPTION:

The project included the design, permitting, and construction of civil site improvements to support a new Maintenance and Operations Facility. Site features included paved access drives, parking areas with fire lanes, utility extensions, and site grading to support circulation.

The pre-engineered facility consists of two buildings totaling 31,468 SF, including offices, training rooms, service bays, chemical storage, and covered outdoor storage for vehicles and equipment.

As Engineer of Record, T&A provided site paving, grading, stormwater management design with hydraulic calculations, parking lot geometry, and utility extensions. The utility scope included a lift station, 700 LF of 1.5" force main, 305 LF of 8" water main, 330 LF of 6" water main with service connections, and a fire hydrant, while the stormwater system comprised interconnected drainage structures, solid piping, exfiltration trench, and retention areas for runoff treatment and attenuation.



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PATCH REEF PLAYGROUND

CITY OF BOCA RATON, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Walters Zackria Architects
5813 N. Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

February 2023 – July 2025

ESTIMATED CONSTRUCTION COST:

\$3.8 Million

PROJECT DESCRIPTION:

The project included the design, permitting, and construction of civil site improvements to enhance accessibility and recreational amenities at the park. Site features included a vibrant play area with swings, slides, interactive splash pad, soft shaded play surfaces, expanded parking, ADA-accessible restrooms, and shaded benches.

The playground was fully ADA-compliant, featuring wheelchair-accessible swings. In addition, the splash pad incorporated specialized slip-resistant tiles designed for safe aquatic play.

As Engineer of Record, T&A provided site paving, grading, and drainage design, and stormwater calculations. The Stormwater management system comprised a network of reinforced concrete pipes (RCP), catch basins, exfiltration trench, and a control structure to manage water quality treatment for the improvements prior to connection into the parks system.



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WEST DEERFIELD CAPITAL IMPROVEMENT PROJECT

CITY OF DEERFIELD BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

City of Deerfield Beach
200 Goolsby Boulevard, Deerfield
Beach, FL 33441

CLIENT CONTACT:

Josef Farbiarz, P.E.
(954) 544-0509
jfarbiarz@deerfield-beach.com

PROJECT START & END DATE:

April 2013 - In Construction

ESTIMATED CONSTRUCTION COST:

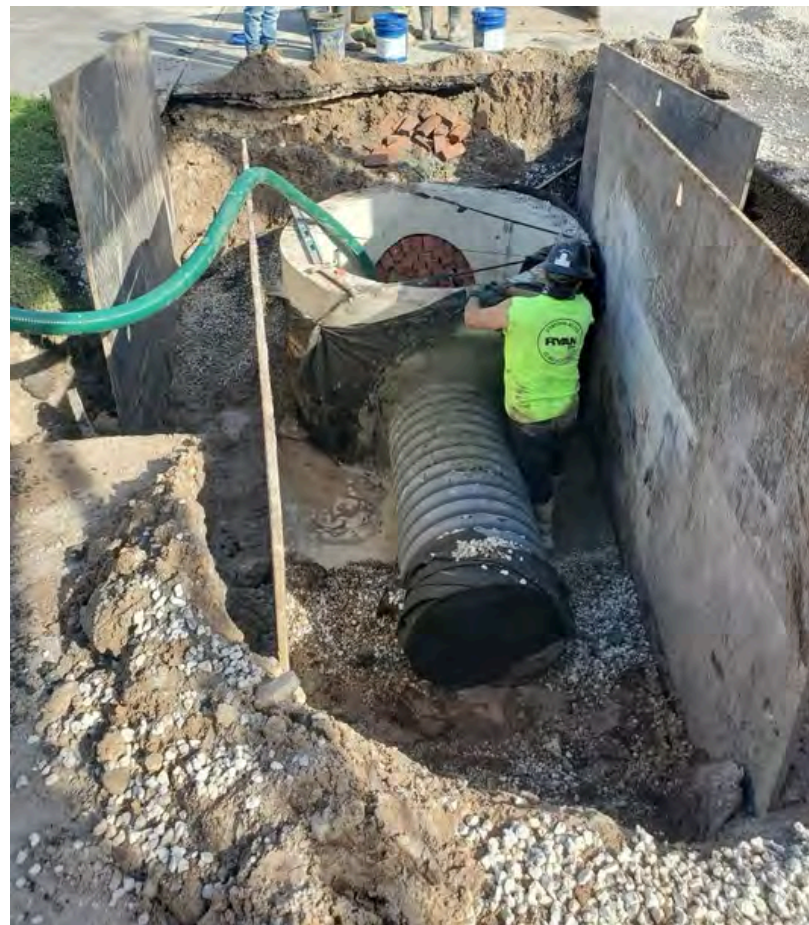
\$4.8 Million

PROJECT DESCRIPTION:

This Project involved providing civil engineering services for the West Deerfield Stormwater Capital Improvement Project at 3495 2nd Court, Deerfield Beach, FL, to address persistent flooding in a neighborhood characterized by inadequate drainage systems and low elevations.

The stormwater drainage scope includes upsizing the existing drainage infrastructure in the problem area and constructing new drainage infrastructure including manholes, ditch bottom inlets and piping. The design included approximately 1600-LF of 15" RCP and approximately 9000 LF of 24" RCP will be used for the design.

T&A is responsible for leading the engineering efforts for the project, reviewing prior designs, analyzing site conditions and developing comprehensive stormwater management solutions. Drainage improvements involved enlarging existing pipes, increasing storage capacity and reducing off-site runoff.



SW 45TH WAY INFRASTRUCTURE IMPROVEMENT

DEERFIELD BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Mancini International
3100 SW 15th Street,
Deerfield Beach, FL 33442

CLIENT CONTACT:

Rusty Ewing
(954) 426-1221
rewing@ric-manfl.com

PROJECT START & END DATE:

November 2021 - November 2023

ESTIMATED CONSTRUCTION COST:

\$81,000

PROJECT DESCRIPTION:

The project involves Design, permitting and construction administration for SW 45th Way Infrastructure Improvement. The 62.7774-acre system was primarily served through SW 45th way by direct potable water and sanitary sewer lines that run in the roadway easement.

The improvements include adding 2,300 linear feet of large diameter reinforced concrete pipe, 1,200 linear feet of potable water, and 750 linear feet of gravity sewer to serve the growing demands of the area.

As the engineer of record T&A was responsible for engineering services on the project, including developing a stormwater management master plan, paving grading and drainage plans, and utility extension plans.



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SW 45 WAY ROADWAY IMPROVEMENTS

DEERFIELD BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Mancini Development, LLC
3100 SW 15th Street
Deerfield Beach, FL 33442

CLIENT CONTACT:

Daniel Mancini
(954) 426-1221
dmancini@ric-manfl.com

PROJECT START & END DATE:

August 2024 - Active Construction

ESTIMATED CONSTRUCTION COST:

\$20,000

PROJECT DESCRIPTION:

The project is located within the City of Deerfield Beach, Florida along SW 45th Way from Wiles Road heading North. This corridor serves nearby residential and commercial properties, requiring roadway and drainage enhancements.

The project designed a new northbound in-lane to accommodate a southbound right-turn lane with 150 feet of queue storage. Work included demolition, new pavement, updated grading and drainage, revised markings and signage, and preparation of a stormwater pollution prevention plan, with drainage improvements supported by surface water management calculations. The project required multi-agency coordination and integrates traffic analysis within a constrained right-of-way.

T&A provided full civil engineering services, including roadway and drainage design, permitting coordination with Broward County and Deerfield Beach, and construction support through shop drawing review, field observations, design clarifications, and permit closeout.

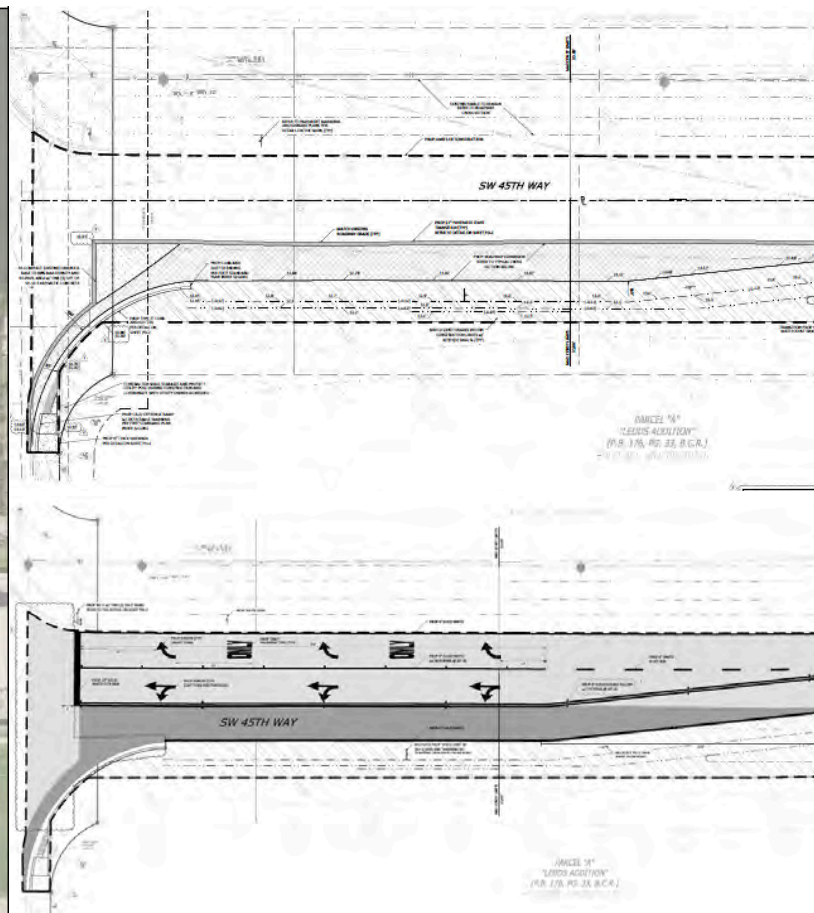


Exhibit B



\$32 Million

T&A provided water distribution design and engineering services, including design of mains and connections, construction documents, permitting support, agency coordination, and project management through meetings, inspections, and progress tracking.



MANCINI IIP 1&2 DEVELOPMENT

DEERFIELD BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Mancini Development LLC
3100 SW 15th Street Deerfield Beach,
FL 33442

CLIENT CONTACT:

Daniel Mancini
(954) 868-2405
dmancini@ric-manfl.com

PROJECT START & END DATE:

October 2022 – Design

ESTIMATED CONSTRUCTION COST:

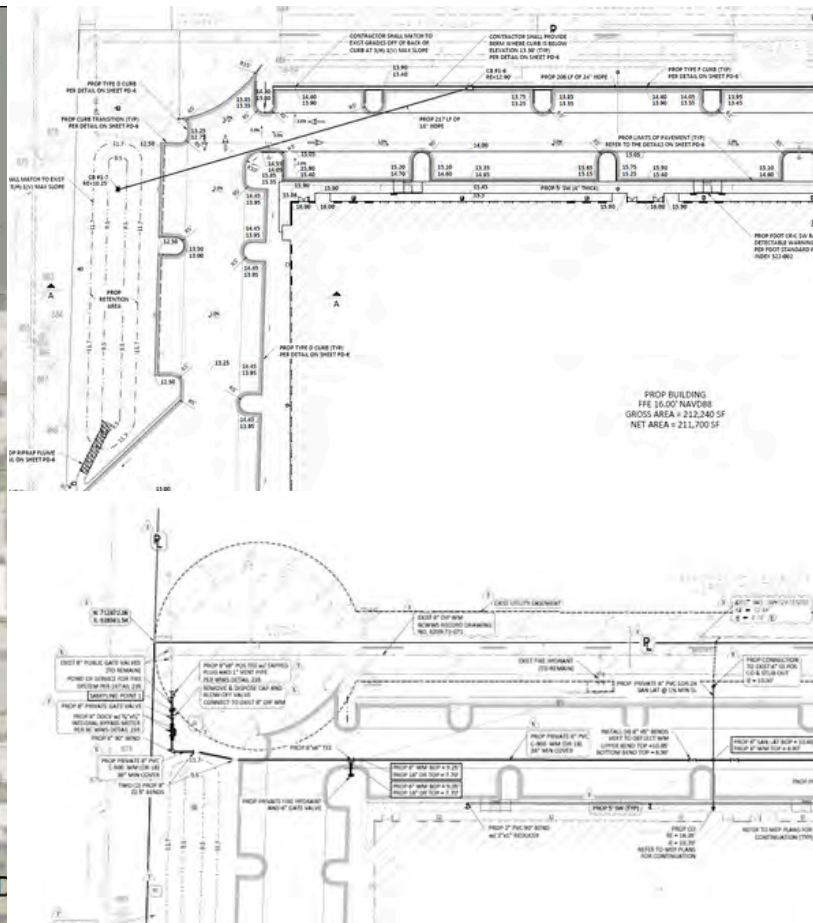
\$337,000

PROJECT DESCRIPTION:

The project involves civil engineering services for the 22.56-acre development of two (2) properties located on SW 45th Way, Deerfield Beach, Florida. The proposed improvements include two (2) industrial buildings with truck bays.

The Proposed civil infrastructure includes internal roadways and sidewalks, fire suppression connection(s), potable water service connection(s), sanitary sewer lateral(s), surface water management system comprised of lined dry retention areas, catch basins, pipe network, and connection to drainage system on SW 25th Way.

As the engineer of record T&A is responsible for engineering services on the project, including design, permitting, and construction administration.



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WASD ATLAS SHEET

R-26 DESIGN

MIAMI-DADE COUNTY, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Ross Engineering, Inc.
17670 NW 78TH Avenue, Suite 214
Miami, Florida 33015

CLIENT CONTACT:

Melissa Ross, MSCE
(786) 468-8304
mross@rossengineers.com

PROJECT START & END DATE:

October 2022 - In-Progress

ESTIMATED CONSTRUCTION COST:

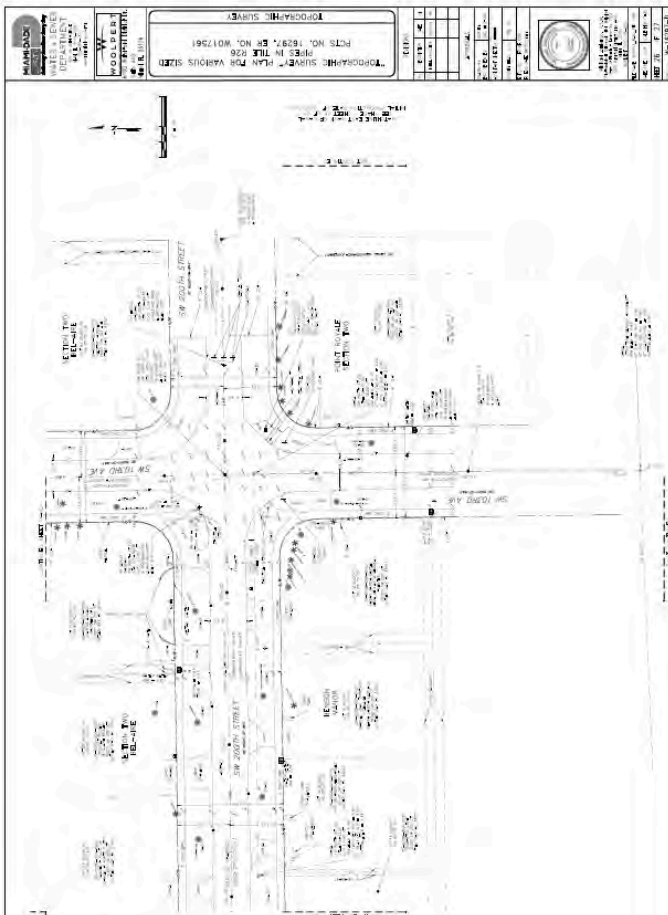
TBD

PROJECT DESCRIPTION:

The project involves upsizing undersized water mains within the R26 Atlas, bounded by SW 184th Street, SW 200th Street, SW 107th Avenue, and SW 97th Avenue, to meet MDWASD standards.

The scope included professional civil engineering design, project management, and GIS/modeling coordination with WASD. It also involved obtaining construction permits from Miami-Dade County and providing limited construction support services. Future system expansion, utility relocations, roadway improvements, and resurfacing are considered in the design. The project adheres to applicable water main replacement criteria, ensuring compliance with County standards and alignment with system improvement goals.

T&A was responsible for the design the of new water mains ranging from 4-12 inches in diameter, totaling approximately 24,000 linear feet of piping. The project also includes the design of the addition of fire hydrants and Consumer Line Relocation (CLR) services.



NORTH COUNTY RECLAIMED WATER SYSTEM EXPANSION

CITY OF LIGHTHOUSE POINT, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Water & Wastewater Engineering Division (BCWWS)
2555 West Copans Road,
Pompano Beach, FL, 33069

CLIENT CONTACT:

Sabrina Baglieri
(954) 831-0907
sbaglieri@broward.org

PROJECT START & END DATE:

November 2019 - Pending Construction

ESTIMATED CONSTRUCTION COST:

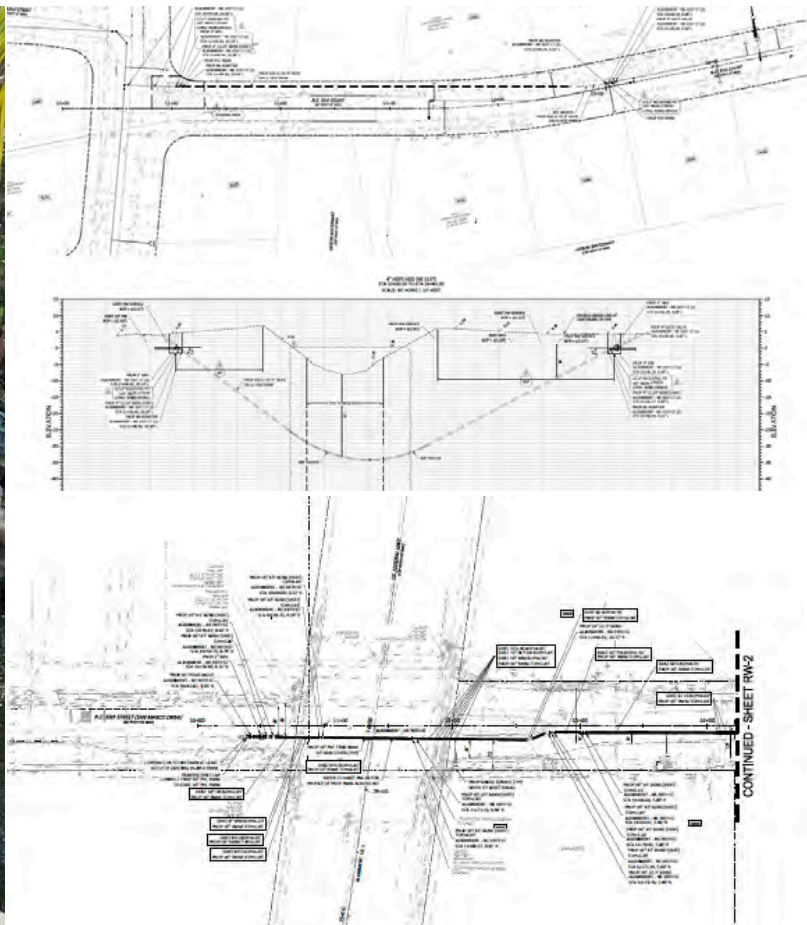
\$78.7 Million

PROJECT DESCRIPTION:

This Broward County Water and Wastewater (BCWWS) project involves the design, permitting, and construction administration services for the expansion of the existing reclaimed water distribution system into the City of Lighthouse Point.

The primary objective of this expansion is to reduce potable water consumption for landscape irrigation by approximately one (1) million gallons per day (MGD). The proposed improvements included about 12.7 miles of reclaimed water main installed via open cut and two horizontal directional drill (HDD) canal crossings. Permitting coordination is required with multiple agencies, including the United States Army Corps of Engineers (USACOE), Florida Department of Transportation (FDOT), Broward County, and the City of Lighthouse Point.

As Engineer of Record, T&A provided comprehensive design of the 12.7 mile line, permitting services, utility coordination, and technical support throughout the project to ensure compliance with all regulatory and system standards.



REGIONAL EFFLUENT AND REUSE SOLUTIONS BP#1 & BP#2

BROWARD COUNTY, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Water & Wastewater Engineering Division (BCWWS)
2555 West Copans Road,
Pompano Beach, FL 33069

CLIENT CONTACT:

Sabrina Baglieri
(954) 831-0907
sbaglieri@broward.org

PROJECT START & END DATE:

October 2022 - Pending Construction

ESTIMATED CONSTRUCTION COST:

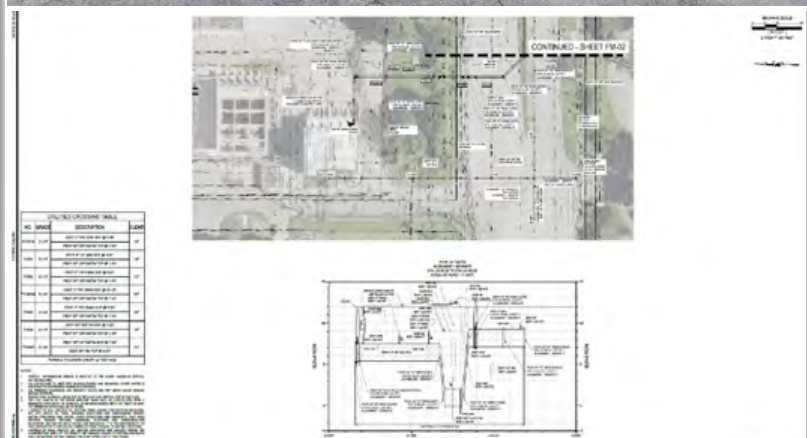
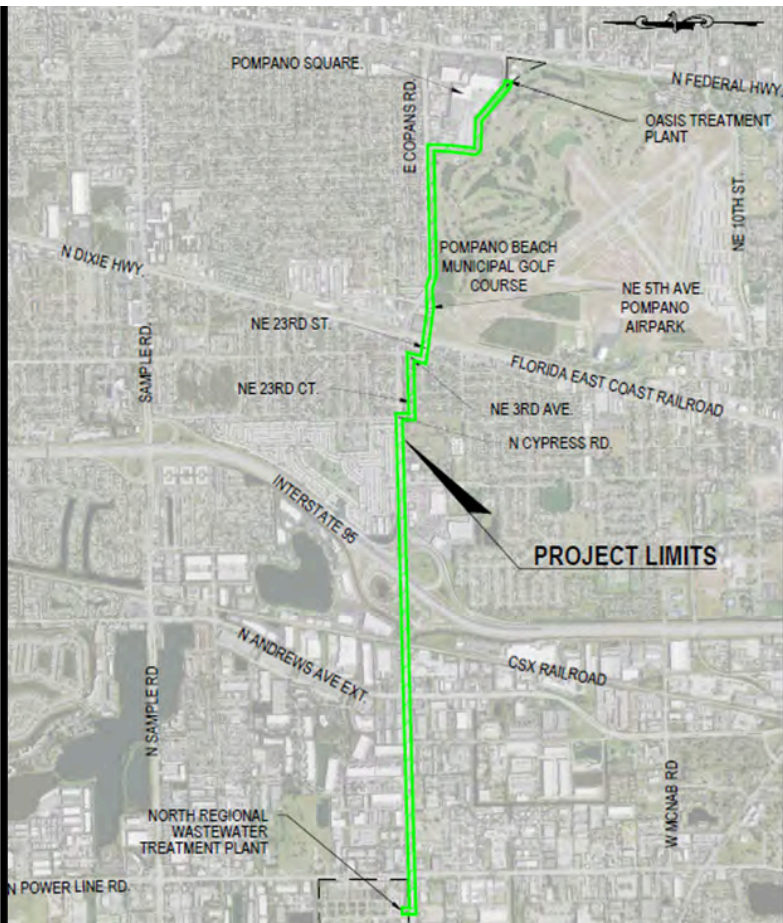
\$16.2 Million

PROJECT DESCRIPTION:

The project involves the design, permitting, bidding, and construction administration of a 24-inch transmission main to convey effluent water from the North Regional Wastewater Treatment Plant to the City of Pompano Beach Oasis Reuse Facility.

The approximately 20,000 linear feet of pipeline will be installed primarily along Copans Road in Broward County, a major roadway with significant existing utilities and high traffic volumes, using horizontal directional drilling, micro-tunneling, and open-cut methods, navigating complex crossings including I-95, CSX, and FEC railroads, and major culverts. The proposed alignment traverses public right-of-ways across Pompano Beach, with a segment running through the City's Municipal Golf Course.

T&A prepared a preliminary engineering report for the transmission main alignment and successfully streamlined both the design and permitting phases to meet the project's accelerated schedule.



WASD BASIN S-2

CITY OF MIAMI, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Miami-Dade Water and Sewer
Department (WASD)
3071 SW 38th Avenue
Miami, Florida 33133

CLIENT CONTACT:

Juan Curiel, PE
(786) 552-8399
Juan.Curiel@miamidade.gov

PROJECT START & END DATE:

October 2019 - Early 2026

ESTIMATED CONSTRUCTION COST:

\$8.78 Million

PROJECT DESCRIPTION:

This project, located along the west side of NW 27th Avenue and extending through NW 79th Street, NW 30th Avenue, and NW 32nd Avenue, serves the Green Technology Corridor within Miami-Dade County's S-2 Basin. The area includes mixed commercial and residential properties requiring upgraded wastewater and water infrastructure to support growth and system reliability.

The improvements included over 9,000 linear feet of new gravity sewers, 2,900 linear feet of 12-inch and 16-inch force mains, and more than 5,000 linear feet of 12-inch water mains. Design coordination involved multiple agencies, including the Miami-Dade Water and Sewer Department (WASD), Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), and Miami-Dade Regulatory and Economic Resources (RER).

T&A provided full engineering design, permitting, coordination services for the wastewater and water system improvements. The team developed permit packages, Maintenance of Traffic (MOT) plans, and limited construction support.



WASD

10-INCH FORCE MAIN

CITY OF NORTH MIAMI BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Miami-Dade Water and Sewer
Department (WASD)
3071 Southwest 38th Avenue
Miami, Florida 33146

CLIENT CONTACT:

Lisel Suarez Toledo
(786) 552-4439
Lisel.SuarezToledo@miamidade.gov

PROJECT START & END DATE:

May 2023 - Pending Construction

ESTIMATED CONSTRUCTION COST:

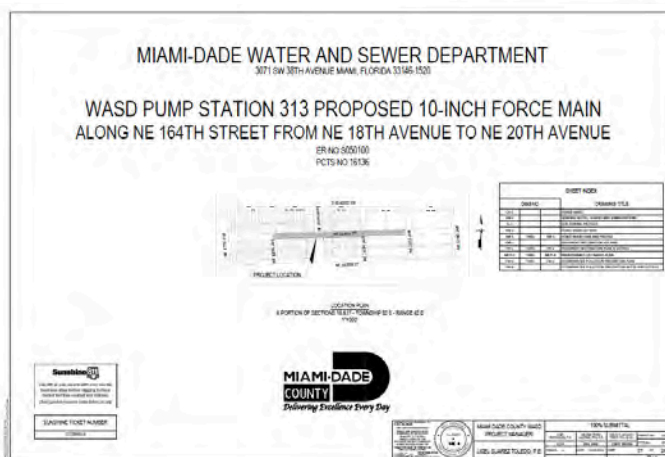
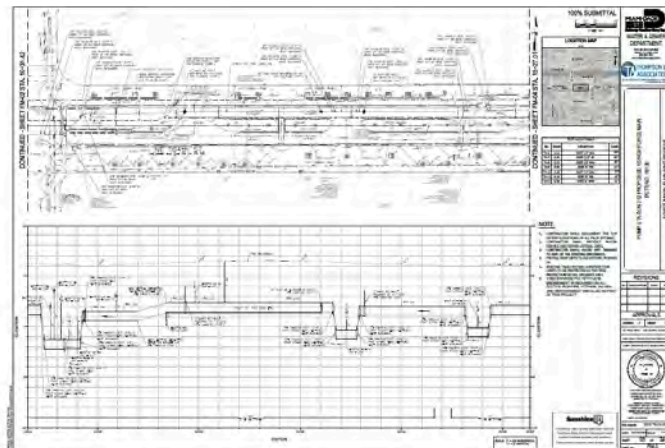
\$2.6 Million

PROJECT DESCRIPTION:

Located in North Miami Beach, this project supports WASD's program to enhance wastewater transmission reliability in the northeastern portion of the County. The work extends from Pump Station 313 to an existing 36-inch force main along NE 18th Avenue, improving system capacity and operational redundancy within the surrounding service area.

The design included about 2,000 linear feet of 10-inch ductile-iron pipe (DIP) force main, route and topographic surveys, and permitting through applicable County and municipal agencies. Key elements include roadway restoration, geotechnical review, and maintenance-of-traffic (MOT) planning.

As Engineer of Record, T&A provided civil design, permitting, and limited construction support services, including plans, specifications, cost estimates, and bid documents. T&A coordinated with Bello & Bello Land Surveying Corp. for survey work, maintained schedule and QA/QC tracking, and supported procurement and final certification to ensure compliance with all WASD standards.



BCWWS DISTRICT 3BC

BID PACK #1

BROWARD COUNTY DISTRICT 3BC, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Patrick J. Gibney, PE
(954) 739-6400
pgibney@craventhompson.com

PROJECT START & END DATE:

June 2020 - Active Construction

ESTIMATED CONSTRUCTION COST:

\$18.5 Million

PROJECT DESCRIPTION:

Thompson & Associates, Inc. is serving as a key subconsultant on a major utility modernization initiative; located within the District 3C service area with the City of Pembroke Pines, FL along Pembroke Road and east of North Perry Airport. The project is adjacent to the City of Miramar, FL

The project included the design and installation of a potable water system and a new sanitary sewer collection system throughout District 3C. Improvements include approximately 41,000 linear feet of new 6-inch water main, 10,000 linear feet of 8-inch water main, 3,500 linear feet of 12-inch water main, and 7,500 linear feet of 16-inch potable water transmission main. The project also incorporated new gravity sewer mains, lift station connections, and support to aid in the transition from septic systems to centralized County utilities.

T&A was responsible for delivering comprehensive civil engineering design and construction support services. This included potable water system design for the new 6-, 8-, 12-, and 16-inch water mains, stormwater and drainage improvements and roadway and sidewalk restoration.



AREA 2F SEPTIC TANK ELIMINATION PROJECT

POAMPANO BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Water & Wastewater
Engineering Division (BCWWS)
2555 West Copans Road,
Pompano Beach, FL 33069

CLIENT CONTACT:

George Lopez
(954) 831-0919
galopez@broward.org

PROJECT START & END DATE:

November 2019 - In Progress

ESTIMATED CONSTRUCTION COST:

\$2.5 Million

PROJECT DESCRIPTION:

This project provides centralized wastewater infrastructure for properties within District 2, located in the Unincorporated, Broward County community south of NW 27th Court, west of NW 9th Avenue, and north of NW 19th Street. The area includes approximately 50 residential parcels formerly served by individual septic systems. The initiative supports Broward County's long-term septic elimination and environmental protection program.

The project consisted of the design and installation of a complete sanitary sewer collection system to convert all parcels in Area 2-F away from septic; this included construction of approximately 7,000 linear feet of gravity sewer and force main, service laterals and cleanouts, a new retail pump station, and all required maintenance access structures. Phase I of the project, which included the lift station and force main components, has been completed.

T&A was responsible for delivering the civil engineering services for the project, including preliminary route evaluations, detailed design of the new gravity sewer, force main, and pump station facilities.



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TRADEWINDS PARK UTILITY IMPROVEMENTS

CITY OF COCONUT CREEK, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Parks & Recreation
1 N University Drive
Plantation, Florida 33324

CLIENT CONTACT:

Mauricio Sigal
(954) 577-4635
msigal@broward.org

PROJECT START & END DATE:

December 2018 - December 2024

ESTIMATED CONSTRUCTION COST:

\$1.7 Million

PROJECT DESCRIPTION:

This project is located within the limits of Tradewinds Park in Broward County, Florida. The work encompasses areas throughout the park where new water and sewer utility improvements are required to support future upgrades.

The project included engineering services for the design, permitting, and construction administration of new water and sewer facilities. The scope included civil engineering required to advance the County's conceptual plan and permitting through State, County, and local regulatory agencies. The utility improvements consisted of approximately 3,300 linear feet of potable water main and 5,600 linear feet of sanitary sewer system infrastructure, with electrical design plans provided as required for lift station components.

T&A was responsible for preparing schematic design, design development, and final construction documents for the utilities improvements. Civil design plans, specifications for the water and sewer systems, electrical design plans where lift stations are incorporated, and construction administration services consistent with the scope provided in the contract documents.



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ORANGE DRIVE ROADWAY & DRAINAGE IMPROVEMENT

TOWN OF DAVIE, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Patrick J. Gibney, PE
(954) 739-6400
pgibney@craventhompson.com

PROJECT START & END DATE:

October 2022 - August 2024

ESTIMATED CONSTRUCTION COST:

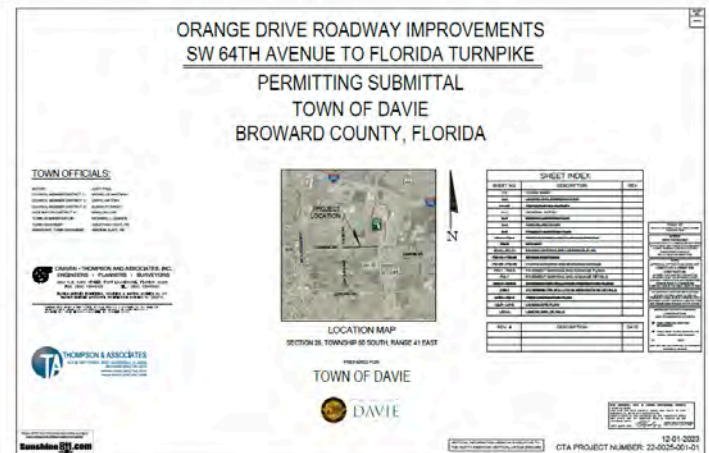
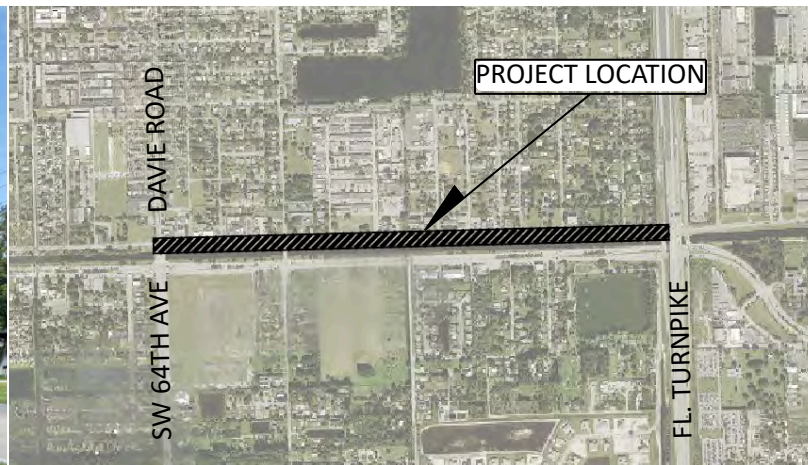
\$3.2 Million

PROJECT DESCRIPTION:

The project is located within the Town of Davie along Orange Drive, extending from SW 61st Avenue to the Florida Turnpike. The corridor includes adjacent residential areas, commercial parcels, and portions of the South Florida Water Management District (SFWMD) C-11 Canal right-of-way.

The project consisted of comprehensive roadway and drainage improvements along the Orange Drive corridor. The roadway scope included the design of a third travel lane on the north side, curb and gutter installation, milling and resurfacing, and new pavement sections. Additional improvements involved widening the multiuse path within the SFWMD C-11 Canal right-of-way and constructing new sidewalks. The drainage included modifications to the existing stormwater system and the design of new infrastructure.

T&A was responsible for providing civil engineering services to support the roadway and drainage design. Responsibilities included preparing roadway plan elements, developing drainage design and supporting calculations, and assisting with construction services throughout implementation.



MARGATE SPORTS PARK

MARGATE, FLORIDA

Exhibit B



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Walters Zackria Architects
5813 North Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED-AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

November 2019 - June 2021

ESTIMATED CONSTRUCTION COST:

\$3.5 Million

PROJECT DESCRIPTION:

The project is located on the southeast portion of the Margate Sports Complex, just south of West Company Road and west of Banks Road.

The project included the design, permitting, and construction of civil site improvements for a new turf sports field, covered play structure, and restroom/concession building at the City of Margate Sports Complex. The surface water management system required coordination with the City of Margate, Cocomar Water Control District, and SFWMD, discharging into the C-14 Basin canal, hydraulic and hydrologic modeling (ICPR) and calculations completed to satisfy all agency requirements for water quality and attenuation.

As Engineer of Record, T&A provided site paving, grading, and drainage design, along with water and sewer services for the restroom building and a new fire hydrant. The stormwater management system included retention areas hydraulically connected to the turf field's rock layer via solid and perforated HDPE piping, with a control structure to regulate discharge into the canal.



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SPANISH RIVER PARK RESTROOM BUILDING

BOCA RATON, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Walters Zackria Architects
5813 North Andrews Way
Fort Lauderdale, FL 33309

CLIENT CONTACT:

Abbas Zackria, RA, CDT, LEED-AP
(954) 522-4123
abbas@wza-architects.com

PROJECT START & END DATE:

November 2019 - July 2021

ESTIMATED CONSTRUCTION COST:

\$7,400

PROJECT DESCRIPTION:

The project is located in Spanish River Park, just southwest of Spanish River Blvd and N Ocean Blvd.

The project involved the construction of a restroom with an associated sidewalk, and landscaping area.

T&A was responsible for providing civil engineering services for the Spanish River Park Restroom Buildings project in Boca Raton, Florida. It encompassed the design and permitting of water service, sewer collection and disposal, stormwater drainage, and site grading, while coordinating with the building and MEP engineers. T&A attended project meetings, conducted a pre-application meeting with permitting agencies, completed final designs, and overseed construction contract administration. This included certifying that the infrastructure was installed according to plans, assisting during construction, and handling permit close-outs. The services excluded paving, parking lot work, and several other specialized areas like surveying and electrical engineering.



TEMPORARY FIRE STATION #13 & PARKING LOT FORT LAUDERDALE, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

City of Fort Lauderdale
290 NE 3rd Avenue
Fort Lauderdale, FL 33301

CLIENT CONTACT:

Caroline Yeakel
(786) 494-2803
cyeakel@fortlauderdale.gov

PROJECT START & END DATE:

November 2019 - January 2024

ESTIMATED CONSTRUCTION COST:

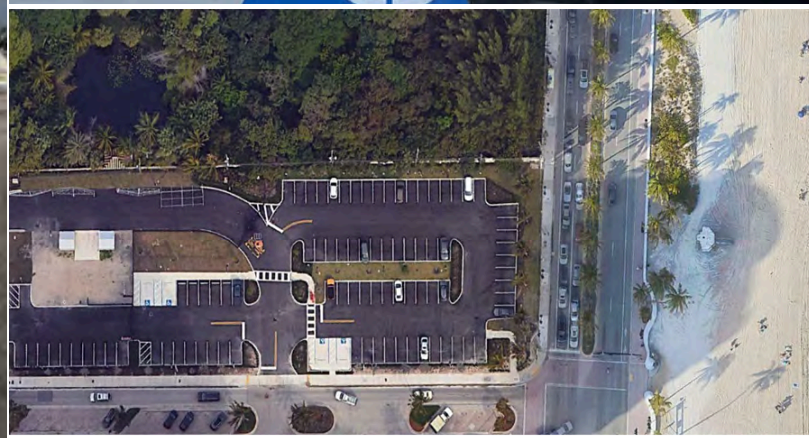
\$1.3 Million

PROJECT DESCRIPTION:

The project is located in the City of Fort Lauderdale at 3109 Vistamar Street, Fort Lauderdale, Florida 33304.

The project involved designing, permitting, and building civil site improvements for a temporary fire station and public parking in a high-profile beach area. Key features included portable trailers, fire apparatus parking, security gates, public parking spaces, utility connections, and a phased parking layout. The temporary station also provided a dedicated fire access lane and secure fire truck gates for safe emergency response while maintaining public access.

As Engineer of Record, T&A provided site paving, grading, and stormwater management design, including parking lot layout, pavement markings, and stormwater calculations. The stormwater system comprised interconnected catch basins, exfiltration trench, swales, and perforated drainage pipe to support swale landscaping. Utility extensions used to service temporary trailers.



VISTA VIEW PARK SPLASH PAD

DAVIE, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Parks and Recreation
1 N University Drive
Plantation, FL 33324

CLIENT CONTACT:

Amanda Simmens
(954) 577-4624
asimmens@broward.org

PROJECT START & END DATE:

September 2017 - November 2023

ESTIMATED CONSTRUCTION COST:

\$859,000

PROJECT DESCRIPTION:

The project is located in Davie, Florida within Vista View Park.

The project included the design, permitting, and construction administration for a new children's splash pad within Vista View Park. Improvements consisted of a concrete splash pad area, site grading, and supporting utility and site infrastructure. The scope of work required coordination and permitting with multiple agencies, including the Town of Davie, Central Broward Water Control District, South Florida Water Management District, City of Sunrise Utility Department, Broward County Health Department, and the Town of Davie Building Department.

As Engineer of Record, T&A was providing civil engineering services for the splash pad facilities, including design of the concrete pad, water main extension/service line, stormwater calculations, landscape, hardscape, and irrigation.



412 SE 18th Street, Fort Lauderdale, FL 33316



(954) 761-1073



www.Thompson-inc.com

BOATERS PARK PARKING LOT

DANIA BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Parks and Recreation
1 N University Drive
Plantation, FL 33324

CLIENT CONTACT:

Michael Halupke
(954) 577-4637
mhalupke@broward.org

PROJECT START & END DATE:

September 2017 - March 2021

ESTIMATED CONSTRUCTION COST:

\$400,000

PROJECT DESCRIPTION:

The project is located in Dania Beach, Florida within Boaters Park.

The project included the design, permitting, and construction of civil site improvements to support a new parking facility at Boaters Park. Site features included a 60-space parking lot, a geogrid fire access lane, fence, and landscaping. A key element was the completed parking lot geometry with pavement markings and signage, ensuring safe and efficient circulation. The geogrid fire access lane provided emergency vehicle access while protecting landscaped areas.

As Engineer of Record, T&A provided site paving, grading, and drainage design and stormwater calculations. The stormwater system comprised interconnected drainage structures, HDPE piping, and swales for runoff treatment and attenuation.



SNAKE WARRIOR ISLAND NATURAL AREA - RESTROOM BUILDING

MIRAMAR, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Parks and Recreation
1 N University Drive
Plantation, FL 33324

CLIENT CONTACT:

Nadine Levy
(954) 577-4616
nelevy@broward.org

PROJECT START & END DATE:

September 2018 - January 2020

ESTIMATED CONSTRUCTION COST:

\$26,000

PROJECT DESCRIPTION:

The project is located in Miramar, Florida at Snake Warrior Island Natural Area.

The project consisted of the construction of a new restroom and office building at Snake Warrior Island Natural Area.

As the Engineer of Record, T&A provided engineering services to design, permit, and provide administration of the construction contract for the construction of a restroom/office building at Snake Warrior Island Natural Area. The scope included the survey and civil engineering design and permitting through State, County and local regulatory agencies.



LIFT STATION D-38 UPGRADES

FORT LAUDERDALE, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

Hazen and Sawyer/City of Fort
Lauderdale
4000 Hollywood Boulevard, Suite 750 N
Hollywood, FL 33021

CLIENT CONTACT:

Jennifer McMahon, PE

PROJECT START & END DATE:

September 2018 - January 2021

ESTIMATED CONSTRUCTION COST:

\$526,800

PROJECT DESCRIPTION:

The project is located in Riviera Isles, Fort Lauderdale, Florida.

This project included design upgrades to Lift Station D-38 to accommodate higher discharge pressures and associated rehabilitation work caused by efforts to connect Pump Station D-37 on Lido Drive to the newly installed sewer main that crosses under the Intracoastal Waterway.

The upgrades included rehabilitation of existing wet well, replacement of pumps redesign of influent gravity main and manholes, redesign of force main, connection to manifold system and raising rim elevations.

As the Engineer-of-Record for the Pump Station D-38 Upgrades, T&A was responsible for design, Lift station calculations permitting and construction administration services. T&A was able to acquire permits from various agencies including Florida Department of Environmental Protection, Broward County Resilient Environment Department, City of Fort Lauderdale.



QUIET WATERS PARK SIDEWALK IMPROVEMENTS

DEERFIELD BEACH, FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Prime Consultant

CLIENT NAME:

Broward County Highway Construction
and Engineering Division
1 N University Drive, Box B300
Plantation, Florida 33324

CLIENT CONTACT:

Mauricio Sigal
(954) 577-4635
msigal@broward.org

PROJECT START & END DATE:

2018 - 2019

ESTIMATED CONSTRUCTION COST:

\$11,000

PROJECT DESCRIPTION:

The project is located in Deerfield Beach, Florida in Quiet Waters Park.

The project consisted of adding a segment of sidewalk from Powerline Road into Quiet Waters Park. Residents from an adjoining community were entering the park utilizing the exist roadway and a ADA pathway was required to increase public safety.

T&A provided engineering design, permitting and construction inspection services for the project. A new sidewalk was designed adjacent to a roadway and a canal. Grading was important to avoid any flooding or ponding issues, as well as provide a dry means of ingress-egress for pedestrians. Geotechnical testing was completed to ensure that there would not be settling issues once the sidewalk was completed. The project was completed on time and under budget.



STRANAHAN HOUSE SITE EXPANSION

FORT LAUDERDALE FLORIDA



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

PROJECT ROLE:

Sub-Consultant

CLIENT NAME:

EDSA, Inc.
1512 E Broward Boulevard, Suite 110
Fort Lauderdale, FL 33301

CLIENT CONTACT:

Douglas Smith, PLA, ASLA
(954) 524-3330
dsmith@edsaplan.com

PROJECT START & END DATE:

March 2021 - Pending Construction

ESTIMATED CONSTRUCTION COST:

\$20,500

PROJECT DESCRIPTION:

The project is located in Fort Lauderdale, Florida at 335 Southeast 6th Avenue, Fort Lauderdale, Florida 33301.

The project consisted of a site expansion at the Stranahan House. The proposed area shall have a new Welcome Center, Education Center, Event Pavilion, and Courtyard of which will be ADA accessible with sidewalk connections to the existing walkways and site entrances. The stormwater drainage system will be re-designed to maintain all storm water onsite.

T&A was responsible for providing civil engineering services for the preparation of plans, designing and permitting for the connecting utilities for the addition of (4) new buildings, ADA connections to walkways, and minor stormwater structures for drainage. Additionally, T&A provided site grading, drainage, stormwater permitting, and assistance with DER and Fort Lauderdale Building Permit with limited Construction Administration.



412 SE 18th Street, Fort Lauderdale, FL 33316



(954) 761-1073



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Firm Capabilities

Zeman Consulting Group (ZCG) was envisioned by 4 Professional Land Surveyors that bring their vast survey experience into a client-focused arena of collaboration and problem-solving skills that deliver a superior product. We focus on the utilization of the latest in technology and trained staff that embrace the efficiency of these tools.

In March of 2021, ZCG opened and has continued to grow to meet our client's needs. Since our inception we currently support contracts with FDOT (statewide), SFWMD, Palm Beach County, and a wide variety of public and private sector clients. Our capabilities and qualifications include the following:

Staffing:

- 20 Full-Time Staff with 4 Professional Surveyors and Mappers and 3 Survey Technicians
- 5-Field Crews (3-Survey Crews and 2 Subsurface Utility Engineering (SUE) Crews)
- AutoCAD Civil 3D and MicroStation / Open Roads Capabilities
- 4 UAS Pilots

Qualifications Include:

- FDOT Prequalified (SBE) in Survey Categories 8.1, 8.2, 8.3, and 8.4 including in-house mobile lidar capabilities.
- Palm Beach County (SBE) Qualified in Land Surveying, Engineering Surveying and Remote Sensing
- South Florida Water Management (SFWMD) Certified Small Business Enterprise prequalified in:
 - o Survey & Mapping
 - o Subsurface Utility Engineering (SUE)
 - o 3D Laser Scanning

Key Services Provided:

- | | |
|--|---|
| • Boundary Surveys (ALTA) | • Subsurface Utility Engineering (SUE) EM and GPR |
| • Topographic / Route Surveys | • Vacuum Excavation (Test Holes / Soft Digs) |
| • Hydrographic Surveys | • Underground Utility Mapping / Exhibits |
| • Platting and Legal Descriptions | • UAS Photogrammetry and Aerial LiDAR |
| • Mobile LiDAR and Static Laser Scanning | • Right of Way Mapping and Monumentation |
| • BIM Modeling and Digital Twins | |

Providing exceptional geospatial solutions that exceed our client's expectations through innovation, professionalism, collaboration, and exemplary client service.

PROJECT NAME AND DESCRIPTION:

Palm Beach County Water Utilities Department (PBCWUD) - Continuing Survey Services Contract

This three-year task work order based contract includes survey and SUE support for a wide variety of projects throughout Palm Beach County. Services performed under this contract include preparation of sketch and legal descriptions, boundary and topographic surveys, subsurface utility locating and mapping, vacuum excavation for test holes and other misc. support services.

Florida Power and Light Continuing Survey Services As Needed

This contract provides for Survey and Subsurface Utility Engineering (SUE) Services as an “On-Call Consultant”. Typical projects include researching clients’ legal interests (easements and rights of ways) and preparing CAD files as well as staking those lines in the field for both clearing and construction. These ongoing projects are typically in Broward and Palm Beach County, however, have included projects throughout Florida ranging from a single intersection to a 17-mile corridor. The services routinely performed under this ongoing contract are Boundary, Topographic, LiDAR Scanning, Easement plotting, sketch and legal descriptions, surveys for eminent domain takings, Subsurface Utility Engineering (SUE) Designating, Vacuum Excavation Holes (Soft-Digs), hydrographic surveys.

Fort Lauderdale Program Management and Mapping Services Project, Fort Lauderdale, FL

Zeman Consulting Group was tasked with designating and mapping over 41 miles of existing watermain throughout the City. Specific tasks included Quality Level B utility locating and mapping of watermain, locating and mapping of all existing water valves, fire hydrants and AR valves within our scope limits. All work was performed in accordance with Chapter 5J-17.050 of the Florida Administrative Code, pursuant to Chapter 472.027 of the Florida Statutes and the ASCE Standard 38-02 - “Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data” for Quality Level B (QL-B) utility locating and mapping.

Florida Department of Transportation - FDOT District 4- SR 76, Martin County, FL

Zeman Consulting Group performed a full-design topographic and control survey. This was a TWO under a Continuing Services contract for Minor Engineering Design. The project was for the design of a new turn lane that included cross sections, a Digital Terrain Model (DTM), baseline recovery, subsurface utility designation and locating, and establishing horizontal and vertical control monumentation.

Florida Department of Transportation - FDOT District 4- Boynton Beach Boulevard, Palm Beach County, FL

Zeman Consulting Group performed a full-design topographic and control survey. This was a TWO under a Continuing Services contract for Minor Engineering Design. The project was for the design of a new turn lane that included cross sections, a Digital Terrain Model (DTM), baseline recovery, subsurface utility designation and locating, and establishing horizontal and vertical control monumentation.

Water and Wastewater Hydraulic Modeling

Hydraulic modeling of water and wastewater systems has been the cornerstone of Mr. Tobon's career. Over 30 years ago upon graduating from college his first assignments as a consultant were the development of hydraulic models for the City of Coral Springs, Miami Beach and Boca Raton. Upon his employment with the City of Fort Lauderdale in 1997 he immediately took responsibility of the water and wastewater hydraulic models that had been developed by consultants under his guidance. During his remaining years with the City, he worked with consultants to update and expand both the water and wastewater models into useful tools for capital planning. This technical hydraulic modeling skill continued when he was employed by Palm Beach County Water Utilities where he became a mentor to younger staff and developed inhouse hydraulic modeling capabilities.

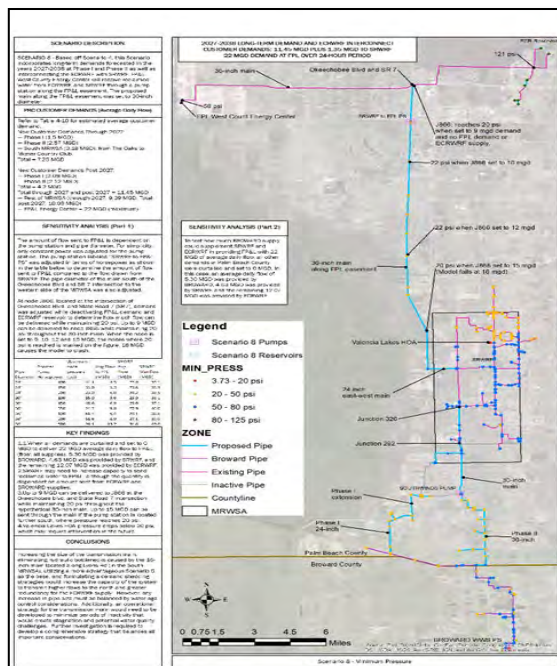
Over 30 years of hydraulic modeling experience using KYPipe, Cybernet, and Infowater (Innovyze) software. Mr. Tobon has developed hydraulic models up to 75,000 pipes for both water and wastewater systems, including pump and booster stations. Experienced in model development from GIS databases, calibration based on field test data, capital planning, and evaluation. This experience includes steady state as well as extended period simulation of multiple water distribution systems and the generation of various scenarios to account for hourly demand patterns, seasonal variations as well as fire flow demands. For wastewater systems experience includes static as well as extended period simulation of multiple wastewater pump station and force main systems, incorporating knowledge on the simulation of collection area flow patterns, pump operations, and analysis of resultant force main pressures, flows and pump station cycling. The following is a brief list of water and wastewater hydraulic modeling projects:

- City of North Lauderdale Water (ISO certification)
- Pago Pago, American Samoa, gravity wastewater system hydraulic model
- Riviera Beach Wastewater
- Palm Beach County Water Utilities Department, water and wastewater hydraulic model updates
- Pago Pago, American Samoa, hydraulic water model development
- Seacoast Utility Authority Western Service Area ISO Fire Flow Analysis
- Royal Utility Water Distribution System
- Avenir Development Water and Wastewater
- Ancient Tree Development Water and Wastewater Seacoast Utility Authority Reclaimed Water
- Seacoast Utility Authority Potable Water
- City of Coral Springs Water and Wastewater
- City of Boca Raton Water and Reclaimed Water
- City of Port Charlotte Rotonda Area Water
- City of Miami Beach Wastewater
- City of Fort Lauderdale Water and Wastewater

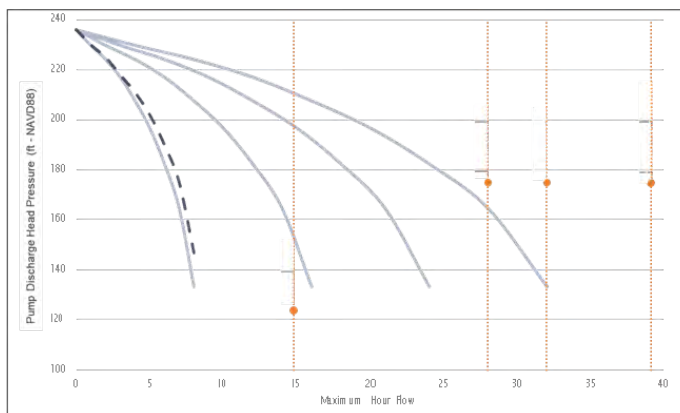
Today **Tobon Engineering** continues to be involved with the development and implementation of water and wastewater hydraulic models for many clients. Mr. Tobon's hydraulic modeling expertise has evolved into a technical advisory and expert role in particular for operational parameters such as extended period simulations and water age scenarios. **Tobon Engineering** is a recognized leader in distribution system modeling and planning, specializing in water master planning, demand forecasting, model calibration, operations evaluation and optimization, and water quality modeling applications. The goals for the use of hydraulic models are to identify hydraulic deficiencies and to explore the benefits and costs of various solutions.

A few key and important hydraulic modeling projects are presented below which represents the vast experience of **Tobon Engineering**.

Palm Beach County Water Utilities requested that Brown and Caldwell and its subconsultant **Tobon Engineering** create a Reclaimed Water Master Plan. The primary goal of the Master Plan was to document and evaluate the reclaimed water system and provide recommendations for future infrastructure and treatment improvements. Another aspect was the integration of the Palm Beach and Broward Counties reclaimed water systems for the delivery of reclaimed water to customers in the southern portion of the County. **Tobon Engineering** served as the hydraulic model developer, master plan technical reviewer and developer of complex modeling scenarios. As a result of the project, the Palm Beach Reclaimed water model was combined with the Broward Reclaimed water model to create a comprehensive cohesive model suitable for long term analysis and planning. This allowed Palm Beach County to optimize capital investments for delivery of reclaimed water service.



Mr. Tobon combined the two County hydraulic models included all high service reclaimed water pumps and complex operational parameters. As a results piping of the reclaimed water system was optimized.

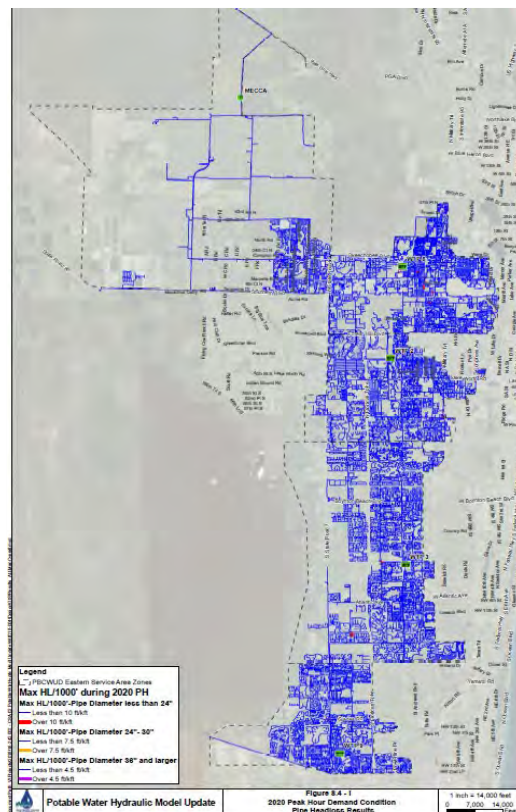


Palm Beach County Water Utilities Hydraulic Water Model

Palm Beach County Water Utilities Department contracted with Chen Moore and Associates (CMA) to update the existing 35,000 pipe potable water hydraulic model. The update included the most current physical and operating conditions, planning level of service adequacy, and facilities evaluation. CMA requested **Tobon Engineering** serve as the technical advisor and reviewer for this important project. Mr. Tobon was responsible for the development of the original County hydraulic water model and served as invaluable resource that allowed the update to be completed in an organized efficient manner.

The objectives of the project included:

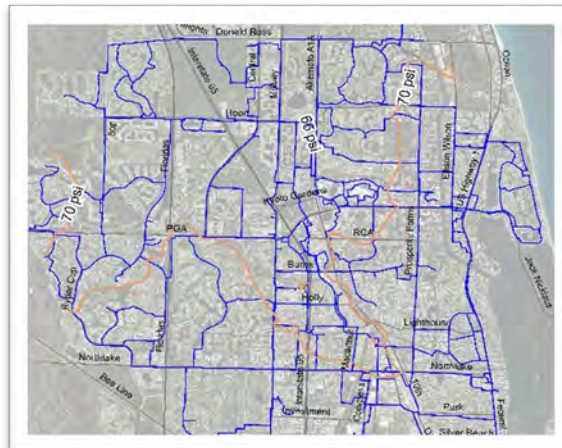
- Evaluate water demands to understand potable water system behavior and analyzed the system under planning periods 2020, 2025, 2030, and 2035.
- Complete and document updates in the hydraulic model based on current physical, operational and water demand conditions.
- Perform calibration of the hydraulic model to accurately reflect existing potable water system conditions.
- Develop a comprehensive set of scenarios and perform a hydraulic model evaluation based on model results.
- Complete a hydraulic model evaluation under several special conditions such as large user demands, water source tracing, and water treatment plants out of service.
- Perform a valve criticality assessment to identify the level of impact on the potable water system when valves fail to operate and provide location of additional valves.



The final report which was produced under the direction of Mr. Tobon summarized existing potable water system facilities, water demands, hydraulic model calibration efforts, summarized by hydraulic model results and special evaluation including valve criticality assessment.

The Palm Beach County Hydraulic Water Model is complex and contains over 35,000 pipes, 4 water treatment plants, 25 ground storage tanks, 40 high service pumps with controls and is used for capital planning and water quality evaluations.

Tobon Engineering developed and calibrated the Seacoast Utility Authority 15 MGD water system hydraulic model. The hydraulic model (Infowater Software) was developed from GIS data of the water system and asbuilts of the pumping facilities. The model included the most current physical and operating conditions, planning level of service adequacy, and facilities evaluation. For the hydraulic water model, above ground water storage tanks were modeled using data shown in as-built drawings and obtained from the SCADA system. Characteristics such as level and diameter were included in the model to accurately reflect tank characteristics. The final report summarized existing potable water system facilities, water demands, hydraulic model calibration efforts, hydraulic model results and evaluation. The hydraulic model was developed as extended period simulation format and was used to determine future capital projects and operating parameters.

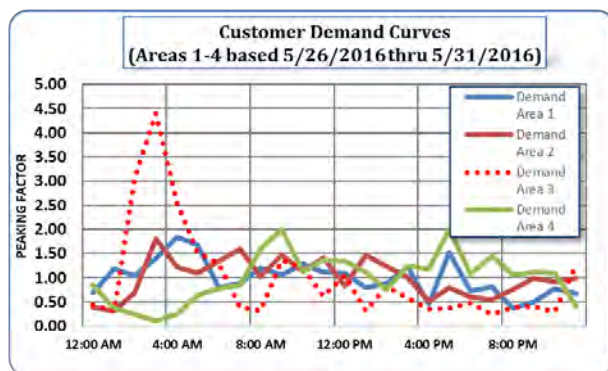


HOOD ROAD REPUMP TANK, PUMP AND SYSTEM PRESSURES

The graph displays the relationship between flow rates and system pressures over a 24-hour period. The X-axis shows time from 12:00 AM to 12:00 AM. The left Y-axis measures FLOW (GPM) from -2,500 to 2,500. The right Y-axis measures PRESSURE (PSI) from -35 to 60.

The data series include:

- STORAGE TANK FLOW RATE (GPM):** Red line showing flow starting at approximately -2,100 GPM, rising sharply to 2,000 GPM at 8:00 AM, and falling back to -2,100 GPM at 8:00 PM.
- SOUTH EAST SYSTEM PRESSURE (PSI):** Purple line showing pressure starting at approximately 15 PSI, rising to 40 PSI at 8:00 AM, and falling back to 15 PSI at 8:00 PM.
- ALTON EAST PRESSURE (PSI):** Green line showing pressure starting at approximately 55 PSI, rising to 58 PSI at 8:00 AM, and falling back to 55 PSI at 8:00 PM.
- REPUMP PUMPING RATE 50 WHP (GPM):** Blue line showing the repump pump's flow rate, which is zero until 8:00 AM, peaks at 2,000 GPM, and returns to zero at 8:00 PM.



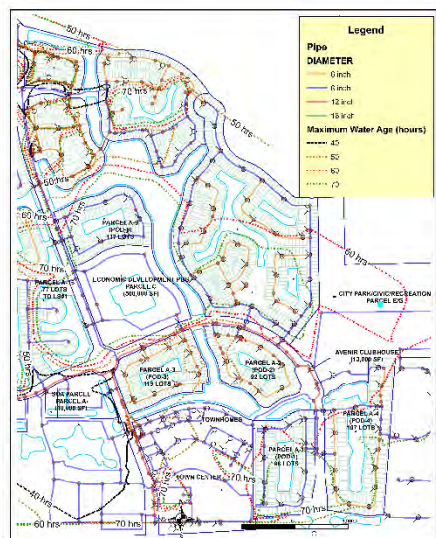
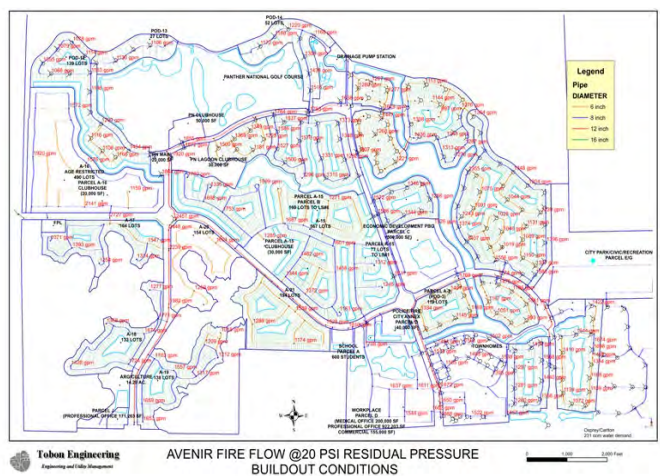
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Avenir and Ancient Tree Hydraulic Water and Wastewater Models

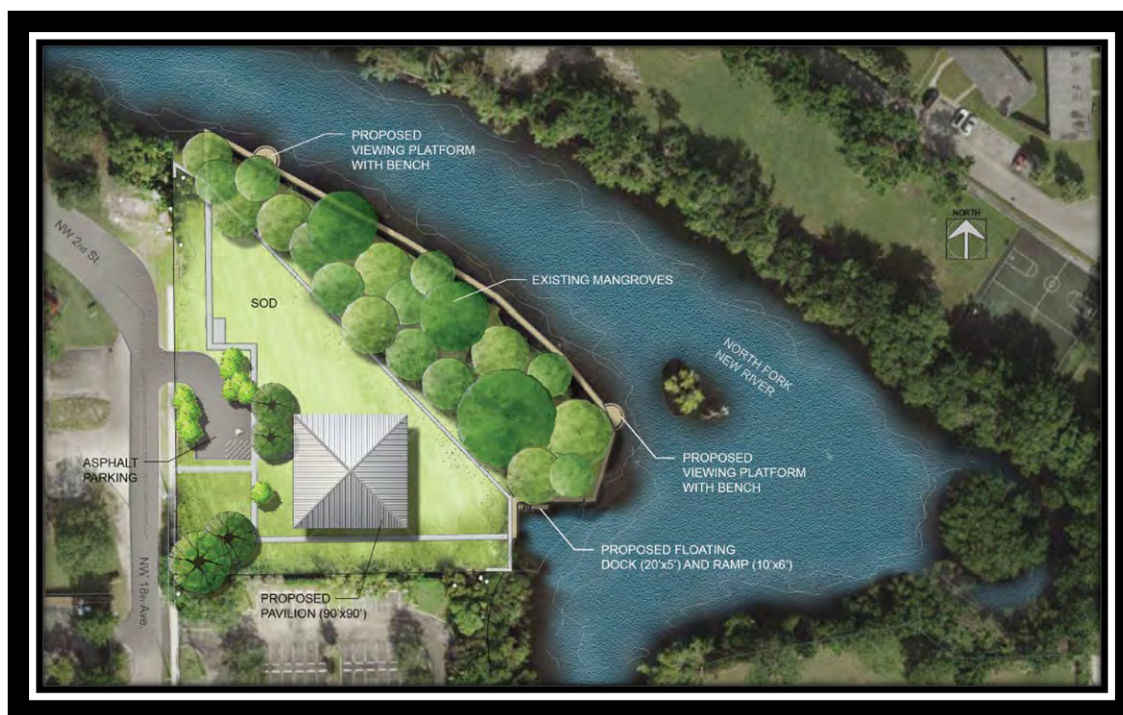
Tobon Engineering developed both the water and wastewater hydraulic models for the Avenir and Ancient Tree Developments located in Palm Beach County. The hydraulic water model was used for sizing of infrastructure based on fire flow demands; water age analysis was also carried out to determine water quality impacts caused by incremental demands during construction. The hydraulic wastewater model was developed based on anticipated demands and used to size forcemains and pump stations during various phases of customer demands.

The objectives of the project included:

- Evaluate water demands to understand potable water system behavior and analyzed the system under various phases and buildout conditions.
- Complete and document updates in the hydraulic model based on current physical, operational and water and wastewater demand conditions.
- Develop a comprehensive set of scenarios and perform a hydraulic model evaluation based on model results.
- Completed a hydraulic model evaluation under several special conditions such as water age, and fire flow conditions.



An important goal of the hydraulic modeling was the development of water age analysis due to the location of the potable water source and the incremental nature of the water system expansion.



North Fork Riverfront Park-Phase 1 Fort Lauderdale, Florida

Contact: City of Fort Lauderdale
Mr. Chris Lagerbloom
100 N Andrews Avenue
Fort Lauderdale, FL 33311

Construction Cost: \$3,000,000.00

The Chappell Group, Inc. was contracted by the City of Fort Lauderdale to provide design services and obtain grant funding for the first phase of the reconstruction of an existing recreational park located along the North Fork of the New River, in the City of Fort Lauderdale.

Design services include the installation of a concrete seawall and boardwalk with overlooks, installation of a floating dock and gangway for kayak and paddleboard access, dredging of the North Fork of the New River to remove silt and organics, shoreline stabilization and enhancement of the existing mangrove shoreline.

TCG is obtaining grant funding through the Florida Inland Navigation District (FIND) for Phase-2, the processing of the environmental permits through agencies including the U.S. Corp. of Engineers, Florida Department of Environmental Protection, and the Broward County Environmental Protection Department. Permit application submittal is projected for October 2020 with permit issuance projected for November 2021.



ENVIRONMENTAL CONSULTANTS
MARINA & WETLAND PERMITTING | PHASE 1 ESAS | MITIGATION DESIGN & MONITORING | T&E SPECIES SURVEYS



Port Everglades Maintenance Dredging

Port Everglades, Broward County, Florida

Client:

Mr. Bob Musser, Jr.
Broward County Public Works Department
Seaport Engineering & Construction
Division
1850 Eller Drive, Fifth Floor
Fort Lauderdale, Florida 33316
Phone: (954)-468-0158

Services:

- Permitting Assistance

Construction Cost:

\$1,000,000.00

The Chappell Group, Inc. (TCG) was contracted by Broward County Seaport Construction & Planning Division to assist in permit processing for the Port Everglades Maintenance Dredging project.

The project was to relocate the permitted dredged material offloading/staging area "B" to an adjacent 6 acre parcel to stage a total of 200,000 cubic yards for the dredging of berths 32 and 34 and the Dania Cutoff Canal.

On behalf of Broward County Seaport Construction & Planning Division, TCG responded to a Request for Additional Information (RAI) and conducted an initial site inspection of the 6 acre DMMA to prepare wetland jurisdictional data forms for approval. In addition, TCG staff conducted a site inspection with the U.S. Army Corps of Engineers (ACOE) to verify existing site conditions.



Torry Island Seawall & Walkway

2024
Belle Glade

MUE was responsible for the structural design of a new 800-foot-long bulkhead/seawall structure and an adjacent concrete boardwalk as part of this waterfront development project. In addition to these primary elements, MUE engineered the foundations and anchor points required to secure floating dock structures designed by a third-party firm, ensuring seamless integration and long-term stability.

The project was completed on schedule and within budget, reflecting strong coordination and execution across disciplines. Marcus Unterweger served as both the Principal in Charge and Engineer of Record (EOR), overseeing all aspects of MUE's structural scope and ensuring technical excellence throughout the project lifecycle.



www.MUEngineers.com

3440 NE 12th Avenue
Oakland Park, FL 33334
954-324-4730



Seawall Assessment & Restoration

2017
Aventura

MUE provided structural engineering services for the restoration of multiple seawall sections along canals in the City of Aventura. The project was completed in two phases over a four-year period, with each phase addressing two distinct sections of seawalls—spanning approximately 4.6 miles in total.

Our team conducted thorough visual observations from both land and water to assess the condition of existing precast concrete piles, seawall panels, and caps. These evaluations were analyzed and compiled into a comprehensive written report detailing structural deficiencies and recommended restoration strategies.

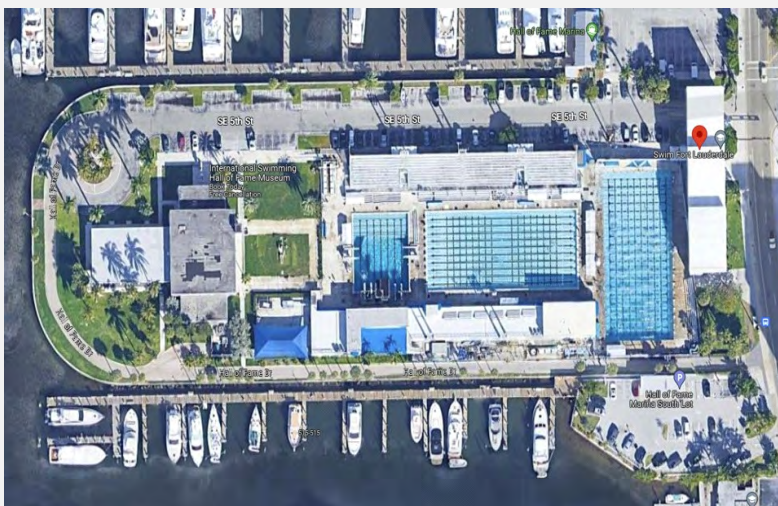
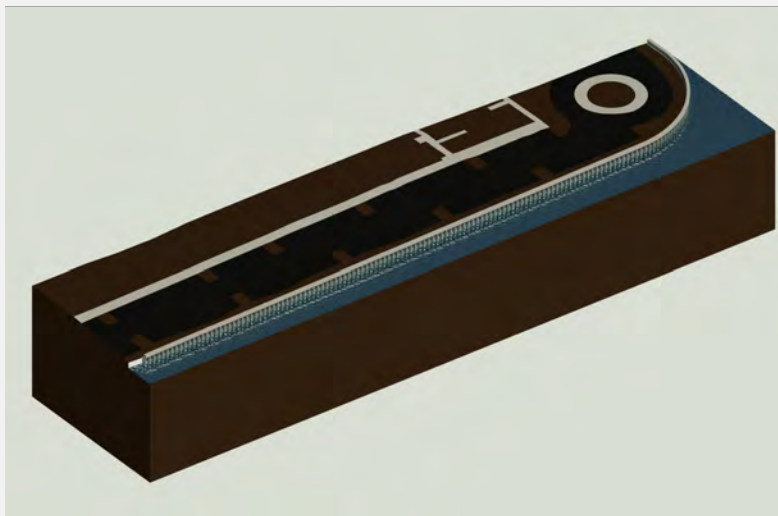
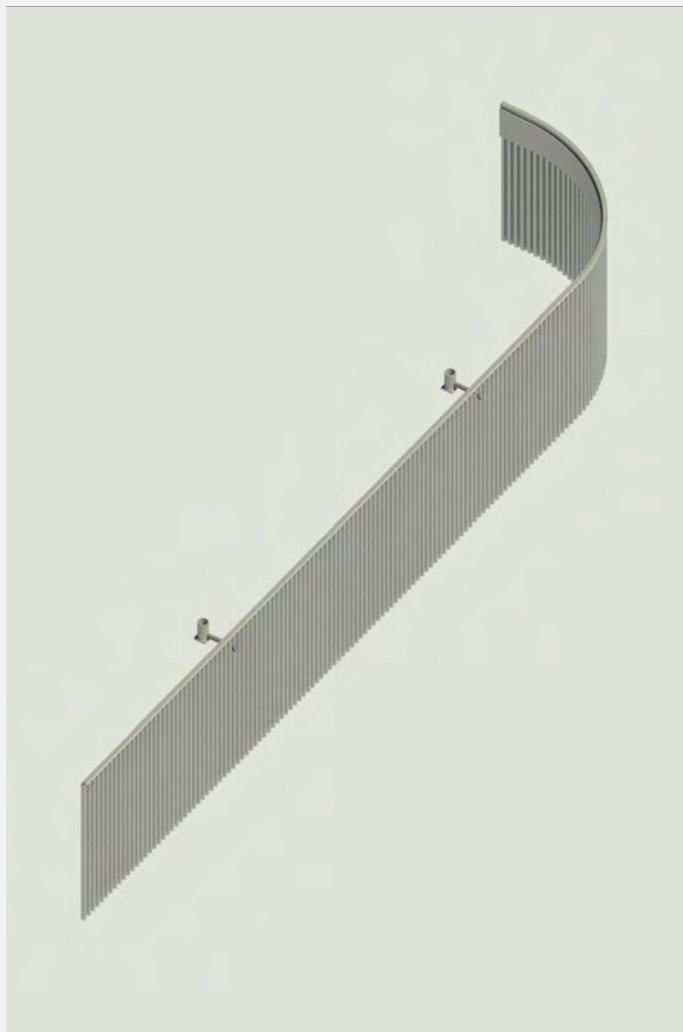
Following the assessment, MUE developed repair and restorative procedures tailored to the deteriorated components, designed structural details, and prepared permit documents to support the restoration work. Throughout construction, our engineers performed bi-monthly site visits to monitor progress and ensure compliance with design intent and engineering standards.

The project was completed within budget and met the City of Aventura's expectations for timeline and quality, contributing to the long-term resilience of its waterfront infrastructure.



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Oakland Park, FL 33334
954-324-4730



Aquatic Center Peninsula Seawall

In Progress
Fort Lauderdale

MUE was retained to provide comprehensive structural engineering services for the design and construction of a new seawall at the Fort Lauderdale Aquatic Center. The scope of work included the complete structural design of a replacement seawall measuring approximately 1,407 linear feet, intended to enhance shoreline stability, protect adjacent infrastructure, and improve long-term resilience against tidal and storm-related forces.

The new seawall was engineered to meet modern coastal design standards and accommodate site-specific geotechnical and hydraulic conditions. MUE's design addressed critical factors such as lateral earth pressures, water loads, corrosion resistance, and constructability, ensuring a robust and durable solution tailored to the aquatic center's operational needs.

As the project transitions into the construction phase, MUE will continue its involvement by performing structural inspections to verify compliance with design specifications and monitor construction quality. These inspections will focus on key structural elements, including pile installation, wall panel placement, cap construction, and anchoring systems. Marcus Unterweger served as both the Principal in Charge and Engineer of Record, overseeing all aspects of MUE's scope and ensuring technical excellence throughout the project lifecycle.



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3440 NE 12th Avenue
Oakland Park, FL 33334
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RESUMES OF KEY PERSONNEL



JAMES F. THOMPSON, PE

PRINCIPAL IN CHARGE



THOMPSON & ASSOCIATES
Small Company - BIG RESULTS

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📍 412 SE 18th Street, Fort Lauderdale, FL



EDUCATION

MASTER OF SCIENCE

Civil and Environmental Engineering
Florida International University

BACHELOR OF SCIENCE

Environmental Engineering University
of South Florida



REGISTRATIONS

REGISTERED PE, FLORIDA

License # 54731

FDOT ADVANCED MOT CERTIFIED

Certificate # 622229

LEED ACCREDITED PROFESSIONAL



AFFILIATIONS

FICE/ACEC-FLORIDA

FICE President 2015, NSPE National
Young Engineer of the Year 2003

FES BROWARD

Past-President

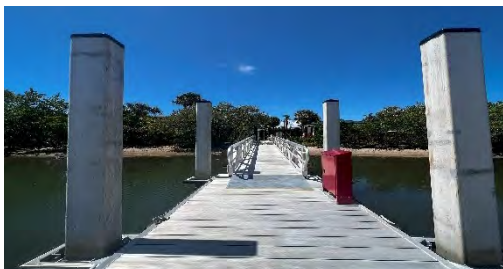


PROFESIONAL SUMMARY:

30 years of experience in municipal utilities, right-of-way improvements, HDD projects, FEMA and CDBG grants, value engineering, annexation and infrastructure valuation studies, land planning, permitting, site civil design, geotechnical testing, construction inspection, and contract administration for private and municipal clients.

Proven success managing large multi-phase neighborhood redevelopments, treatment plant upgrades, utility and right-of-way improvements, and new municipal projects, including parks and schools, **ensuring compliance with permitting and budgetary requirements.**

Mr. Thompson brings to each project a unique approach which emphasizes teamwork and collaboration to identify and **resolve issues early**. This style of project management ensures **final design plans meet the client's needs and permit criteria while staying on schedule and within budget.**



**Hollywood North Beach Park,
Mooring Fields, Hollywood, Florida**

(2017 - 2025)

Mr. Thompson provided design and construction input and quality assurance/ quality control review for design and construction of a public mooring facility with 22 mooring buoys and public access building with showers, laundry facility, office and janitor space. The project scope included developing civil plans, lift station calculations and surface water calculations, for a site that featured the development of paving, grading and drainage plans for a new restroom building and access way to the mooring fields, restriping the existing parking lot, the mooring field layout, and the water and sewer connection for the restroom facility and the floating deck pump system.



SERINO PARK, MARGATE, FLORIDA

(2022 - 2023)

Mr. Thompson provided design and construction input and quality assurance/ quality control review of this project that featured the development of a park and its various amenities. The project scope included developing the paving, grading and drainage and utility plan for the site, the water and sewer service connections for the proposed restroom building and splash pad, existing parking lot resurfacing with striping, walking trail, pavilion and playground improvements. The design and construction phases of the project are complete.



**LONG KEY NATURE CENTER
VOLUNTEER WETLAND, DAVIE,
FLORIDA**

(2018 - ON GOING)

Mr. Thompson is the Project Manager and Engineer-of-Record leading the civil and environmental design team. He led the design efforts, quality assurance/ quality control review, coordinating the design with Broward County (Client) and the permitting requirements with Central Broward Water Management District (CBWMD). The project scope includes the design and construction of a volunteer wetland that features a paved and unpaved trail system, a grading and drainage plan for the site, upsizing an existing culvert at a canal crossing and a tree island with pavilion.

JAMES F. THOMPSON, P.E.

Hillsboro Mile Sanitary Sewer System Replacement, Town of Hillsboro Beach, Florida. As the prime consultant and engineer of record for this project, the goal was to completely replace the aging sanitary sewer system for a 3-mile corridor serving up-scale beachfront single and multi-family properties. The entire project was in a 2-lane FDOT right-of-way and within the limits of the Town of Hillsboro Beach. Every existing sewer structure, sanitary sewer gravity main, and force main was replaced, and a lift station study was completed to determine the configuration of the proposed force mains. Construction cost was approximately \$9.5 Million.

BCWWS North Andrews Gardens Neighborhood Improvement Project (NAGNIP), Broward County, Florida. Services provided for this 730-acre community included design permitting and construction administration of eight (8) bid packages for the project with an estimated \$120 million construction budget. Specific tasks included: Basis of design report (BODR); modeling and design of the water distribution system, sanitary sewer transmission system and stormwater system; value engineering sessions; construction/contract administration; public relations and information campaign; Home Owner Association meeting presentations; permitting of all associated design work with various jurisdictional agencies; Preparation of bidding documents; landscaping and entry sign features; and assisted Broward County in obtaining approval for \$4 million of grant money from FEMA for drainage improvements within the project.

BCWWS Central County Neighborhood Improvement Project (CCNIP) North Bid Packages, Broward County, Florida. Completed the design, permitting and construction administration of four (4) construction bid packages for the communities of Franklin Park, Washington Park, St. George East, and St. George West. The project area included existing residential and commercial properties, the Broward Sheriff's Office, a county library, two county schools, three community centers and several county parks. Design improvements included water distribution systems, sanitary sewer collection and transmission systems, stormwater drainage systems, roadway, sidewalks, pavement markings, landscaping and neighborhood signage, and art in public places. Total CCNIP budget was nearly \$50 million.

Lazy Land Mobile Home Park Sanitary Sewer Improvements, Fort Lauderdale, Florida. The 9.82-acre property contained 14 septic tanks that served 121 mobile homes, clubhouse and a laundry facility. A new sanitary sewer collection system with four (4) low pressure grinder lift stations were designed, permitted and installed in order to allow the septic tanks to be abandoned. The low-pressure force main discharged into an existing Broward County sanitary sewer manhole.

Garden Acres Industrial Area Sanitary Sewer System Design/Build, City of Oakland Park County, Florida. This heavy industrial area of the City of Oakland Park required a new sanitary sewer system and water main improvements. Since this is a low area, large storm water infrastructure was placed in the right-of-way. A traditional gravity sanitary sewer system was not a design alternative, as a result T&A had to be creative and design a low-pressure grinder pump station system with a common low-pressure force main. Special accommodation was taken to reduce future surface conflicts for existing businesses, as well as provide convenient locations for future sanitary sewer connections. T&A served as the engineer-of-record as well as the CEI for this design/build project. Public information meetings were held and business owners' concerns accepted and reflected in the design. The project required special permitting efforts since the water and



JAMES F. THOMPSON, P.E.

sewer approvals must come from the City of Oakland and the City of Fort Lauderdale, since they were the master provider. Scope included the preliminary design, design, permitting and construction observation services, pipe installations, water main pressure tests and lift station startup.

ARAMARK Lift Station Design, Pompano Beach, Florida. ARAMARK is a leading provider of uniforms and workplace supplies to over 300,000 clients across a variety of industries nationwide. The proposed Pompano Beach facility is an industrial laundry facility permitted to discharge 200 GPM of pretreated process water into an existing 8" force main operated by Broward County Water and Wastewater Engineering Division. Thompson and Associates was retained to prepare plans and calculations for the proposed lift station; the design included a one in-line Variable Frequency Drive duplex with 200 gallons per minute (GPM) at a Total Dynamic Head (TDH) 52 feet and a static pressure of 13.2 feet at the 8-inch force main. Two (2) on-site 10-hp variable speed drive booster pumps was utilized with an 805 linear feet of 4" force main in order to discharge the wastewater. The scope also included permitting through Broward County and the City of Pompano Beach, construction oversight and final closeout.

Broward County Landfill Leachate Force Main and Lift Station Improvements, Pembroke Pines, Florida. Design of this 1,200 LF leachate force main and lift station included extensive permitting with local jurisdictional agencies and coordination with the City of Pembroke Pines. The County's force main discharges into the City's force main system, therefore an inter-local agreement has to be negotiated.

BCWWS Water and Sewer Master Plan, Office of Environmental Services Broward County, Florida. The master plan is updated every 10 years. Modeling and GIS applications assist in the future projections of utility needs as well as assessing the current level of service the utility provides to customers. Responsibilities included researching record drawings, composing and organizing information for levels of accuracy, creating electronic drawing files of existing water and sewer systems, quantifying data for various system characteristics (pipe size, material, age, location, etc.). Sanitary Sewer System Design, Hypoluxo Point, Florida. Sanitary sewer collection system project was located in a small single-family neighborhood with high-end homes on the Intracoastal Waterway. Each home was converted from a septic tank to a centralized gravity sewer. Two designs were completed (vacuum and gravity) and bid as alternates against each other. High ground water was an issue as well as a tight right-of-way. Final construction cost was \$1.2 M and was completed on schedule.

Herman and Dorothy Shooster Preserve, Wetland, Margate, Florida Mr. Thompson is the Engineer-of-Record responsible for providing design and construction input and quality assurance/ quality control review of the work. The project scope included developing civil plans and construction administration for the reconfiguration of the existing pump system and utility upgrades within the preserve.

Countess de Hoernle Park Maintenance Building, Boca Raton, Florida Mr. Thompson was the Engineer-of-Record responsible for providing design and construction input, quality assurance/ quality control review of the work, and final certification for the project. The scope included developing civil plans and stormwater calculations for a site that featured a prefabricated maintenance building and required paving, grading and drainage design of the parking lot, water and sewer connections, lift station design, the development of a canal crossing with a 60-inch culvert, and the stormwater conveyance



JAMES F. THOMPSON, P.E.

system that met the requirements of South Florida Water Management District.

Hollywood North Beach Park, Restroom Building, Hollywood, Florida Mr. Thompson is the Engineer-of-Record responsible for providing design input and quality assurance/ quality control review of the work. The project scope included developing stormwater calculations, paving, grading, drainage, water and sewer utility design for a new restroom building, and the expansion of the concrete walkway system.

Gopher Tortoise Preserve Recreational Area Construction Improvements, Boca Raton, Florida Mr. Thompson is the Engineer-of-Record responsible for providing design and construction input and quality assurance/ quality control review of the work. He was responsible for reviewing and approving the final design set of plans. The project scope included developing civil plans and stormwater calculations for a site that featured the development of a trail system and parking lot that required paving, grading and drainage design of the parking lot and concrete portion of the trail. This site contains burrowing Gopher Tortoise's and will require careful coordination with Florida Fish and Wildlife Conservation Commission and design changes during the construction phase of the project. The design phase of the project is complete.

Easterlin Park, Playground Improvements, City of Oakland, Florida Mr. Thompson provided design and construction input and quality assurance/ quality control review for the demolition and replacement of the playground adjacent to the park office building. As the Engineer of Record, T&A provided engineering services to design and administer the contract for the demolition and replacement of the playground. The project scope included civil engineering and topographic survey.

Everglades Holiday Park – Lift Station Rehabilitation and Watermain Improvements, Weston, Florida, Mr. Thompson provided design and construction input and quality assurance/ quality control review, As the Engineer of record, for a detailed assessment of the existing sanitary sewer pump station and related force main and gravity sewer system at Everglades Holiday Park. The assessment determined the condition of the aging system, estimated the remaining useful life of the system and provided a summary report including recommendations and preliminary design plans for the rehabilitation and/or replacement of the infrastructure, as needed. Phase 2 included the design and permitting for the recommendations in the summary report.

Broward County Water and Wastewater Master Plan 2025, Broward County, Florida. Served as subconsultant supporting a countywide initiative to develop long-term population, water demand, and wastewater flow projections for Broward County Water and Wastewater Services (BCWWS) through 2065. Responsibilities included coordinating efforts across multiple utility districts, compiling and reviewing historic population datasets, and assisting with the analysis of system flow and demand records in five-year increments. Work involved developing per-capita demand rates, peaking factors, and diurnal flow patterns using archived SCADA data and historic consumption records, as well as reviewing spatial allocations of existing and future demands linked to geocoded consumption data and Utility Analysis Zones (UAZs). Contributed to the development of the Population, Demand, and Flow Projection Workshop materials and supported preparation of the final technical memorandum documenting projected system conditions. Assisting with cost estimation efforts, and developing the emergency standard operating procedures for varies scenarios.





NOEL RODRIGUEZ, PE

SENIOR PROJECT MANAGER



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EDUCATION

BACHELOR OF SCIENCE

Civil Engineering of Florida Atlantic University (December 2011)

FES/FICE FLORIDA ENGINEERING

Leadership Institute (2015-2016)



REGISTRATIONS

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FDOT ADVANCED MOT

Certificate #621511

EPA/FDEP NPDES INSPECTOR



AFFILIATIONS

FES BROWARD

Past-President

FES STATE DIRECTOR

ASCE BROWARD

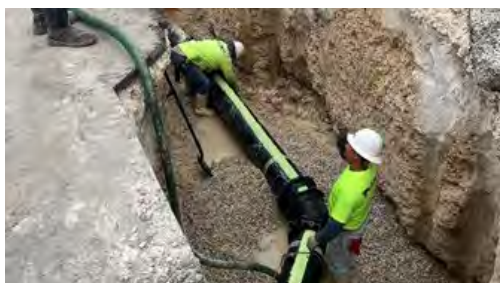
Member since 2012



PROFESSIONAL SUMMARY:

13 years of experience of extensive experience in the civil engineering industry, specializing in the design and management of large utility projects for both public and private sectors. **As a Senior Project Manager and lead designer**, he has consistently delivered comprehensive engineering solutions for roadway and parking lot design, water distribution systems, sewer collection systems, reclaimed water infrastructure, stormwater management, and drainage systems.

Mr. Rodriguez expertise extends to utility coordination, complete plan production, permitting, and preparation of engineering cost estimates. Noel has a proven track record in construction administration and site inspection, ensuring compliance with project requirements and regulatory standards. Noel's ability to oversee projects from **conceptual design to final implementation highlights his dedication to delivering high-quality results within budget and on schedule.**



Basin S-2 Water & Wastewater Improvements, Miami-Dade County, Florida

(OCTOBER 2019 – IN PROGRESS)

As the prime consultant for this utility improvement project within Miami-Dade County's S-2 Basin, services included design, permitting, and coordination of new wastewater and water infrastructure along NW 27th Avenue, NW 79th Street, NW 30th Avenue, and NW 32nd Avenue. Improvements totaled over 9,000 linear feet of gravity sewer, 2,900 linear feet of 12-inch and 16-inch force mains, and 5,000 linear feet of 12-inch water main supporting redevelopment within the Green Technology Corridor. Responsibilities included coordination with Miami-Dade WASD, FDOT, FDEP, and Miami-Dade RER, preparation of permit packages, development of MOT plans, and limited construction support.



District 2 Septic Tank Elimination Area 2f, Broward County, Florida

(NOVEMBER 2019 – 2023)

As the prime consultant and engineer of record. The Project involves design and construction of a new sanitary sewer collection and transmission system in UAZ 236 to eliminate private lift stations or septic tanks within the project area and provide service for approximately fifty (50) parcels. The design included 5,500 linear feet of gravity sewer with 18 maintenance access structures, 400 linear feet of force main, and two (2) lift stations. Phase 1 of the project is complete and in service. Phase 2 of the project, **Construction cost was approximately \$2.5 Million.**



Central Broward Regional Park, Lauderdale, Florida

(2018 – 2022)

Mr. Rodriguez was the Project Manager, Engineer-of-Record and lead designer responsible for providing civil design and construction administration services for the project. The project scope included developing civil plans and stormwater calculations for a site that featured the paving, grading and drainage design of new parking areas for park visitors and, irrigation design and landscape architecture. This project required design changes during construction and constant coordination with the Florida Fish and Wildlife Conservation Commission due to the presence of burrowing owls throughout the work area.

Fort Lauderdale Lift Station D-38 Improvements, Fort Lauderdale, Florida. Engineer-of-Record for the Pump Station D-38 Upgrades. The scope included the design, permitting and construction inspection associated with temporary bypass pumping, rehabilitation of existing wet well, replacement of pumps and all equipment, replacement of electrical service from 240 volts to 480 volt supply, replacement of electrical equipment including power panels, pump control panels, instrumentation panels, and station lighting, replacement of lightning and power surge equipment as well as a combustible gas detector, redesign of influent gravity main and manholes, redesign of force main and connection to manifold system, raised rim elevations and electrical services to meet current flood requirements, roadway repair, and median landscaping.

BCWWS Reclaimed Water Transmission Main, Broward County, Florida – As the prime consultant and design engineer of this 11-mile large diameter pipe project, services include preliminary design report, design, permitting, bidding assistance, and construction administration. The project is composed of two (2) bid packages; Bid Package #1 is comprised of 5 miles of a 42-inch pipe and Bid Package #2 is comprised of 6 miles of 24-inch pipe. Multiple corridors were evaluated, and cost comparisons completed for each alternative. The final design requires the installation of the proposed reclaimed water transmission main in FDOT and SFWMD right-of-way. Permitting efforts includes multiple agencies and municipalities. The estimated construction cost for the project is approximately \$35 million.

BCWWS Hillsboro Mile Sanitary Sewer System Replacement, Broward County, Florida As the engineer-of-record for this project, the goal was to completely replace the aging sanitary sewer system for a 3 mile corridor serving up-scale beachfront single and multi-family properties. Design considerations included existing sanitary sewer clean-out elevations at the property line, improved efficiency of lift stations and force mains, constructability, coordination with a concurrent water main replacement project (by others), coordination with a concurrent roadway improvement project (by others), and maintenance of traffic during construction. Every existing sewer manhole, sanitary sewer gravity main, and force main was replaced. A lift station study was completed to determine the most efficient and reliable configuration of the proposed force mains while considering the size of each pump. A new alternate force main was designed which eliminated the dependency on one sub-aqueous crossing to service the entire 3-mile island. The services provided included preliminary design report, design, permitting, bidding assistance, and construction administration. Permitting efforts included multiple agencies and required continual coordination during the course of the project. The estimated construction cost for the project is around \$7.5 million.

BCWWS UAZ 108 Water Main Replacement, Broward County, Florida Engineer-of-Record of this project which includes over 7 miles of pipe and 570 services, our scope included the modeling (InfoWater) of the existing and proposed system, design, and permitting. The project is within an existing neighborhood and the design considered water pressures, water age, as well as fire flows through the community. The customers were primarily single family residential, however there were about 5% commercial uses. Multiple pipe scenarios were evaluated. The final design combines multiple pipe sizes to balance performance, service, and efficiency for BCWWS. Permitting efforts included the Florida Department of Environmental Protection, Broward County, and the City of Lauderdale Lakes. The estimated construction cost for the project is approximately \$ 12 million.



NSID Emergency Water Main Design/Build, Broward County, Florida. As the design engineer on the Design/Build team, T&A completed the design, permitting and construction inspection for the North Springs Improvement District (NSID). The proposed 12-inch water main connects the NSID's water treatment plant to the Palm Beach County Water Utilities potable water distribution system through an aerial crossing of the Hillsboro Canal. Five (5) HDDs were designed ranging from 600 ft to 800 ft in length for a total HDD length of 3,700 LF.

Lyons Road Water Main, Palm Beach County, Florida. As the Prime Consultant, T&A completed civil design for the on-site and off-site improvements required for a new charter school. The offsite improvements included the widening of Lyons Road as well as the addition of over a half a mile of a 16-inch potable water main, 20-inch reclaimed water main, and a 4-inch sanitary sewer force main. There were three (3) HDD sections to avoid existing box culverts. Each HDD was approximately 450 ft in length.

Lyons Road Reclaimed Water Main, Palm Beach County, Florida. As the Prime Consultant, T&A completed civil design for the on-site and off-site improvements required for a new charter school. The offsite improvements included the widening of Lyons Road as well as the addition of over a half a mile of a 16-inch potable water main, 20-inch reclaimed water main, and a 4-inch sanitary sewer force main. There were three (3) HDD sections to avoid existing box culverts. Each HDD was approximately 450 ft in length.

Lyons Road Sanitary Sewer Force Main Lyons Road Water Main and Force Main HDD, Palm Beach County, Florida. As the Prime Consultant, T&A completed civil design for the on-site and off-site improvements required for a new charter school. The offsite improvements included the widening of Lyons Road as well as the addition of over a half a mile of a 16-inch potable water main, 20-inch reclaimed water main, and a 4-inch sanitary sewer force main. There were three (3) HDD sections to avoid existing box culverts. Each HDD was approximately 450 ft in length.

Trails Charter School, Palm Beach County, Florida. A 1,240 student private charter school located on a 7.5 acre parcel east of Military Trail Just north of Hypoluxo Road. The amenities for this K-8 charter school included an all-purpose field, playground, and secured bicycle storage. As part of the site development, a signalized intersection was designed, a parking lot improvement to an adjacent property was completed, and approximately 1,200 linear feet of 12" force main was constructed as well as right turn lane and left turn lane additions on Military Trail. The site civil development included a private lift station, force main, potable water main, fire suppression system, surface water management system, grading, pavement, sidewalks, roadway and intersection design, pavement marking and signage, and SWPPP plans. Scope included the preliminary design, design, and permitting, coordinating efforts with Florida Power & Light to relocated transmission and distribution utility poles and construction observation services; including NPDES inspections, pipe installation, water main taps, lift station start-ups, subgrade, base and asphalt inspections and alignment tests.

Wellington Charter School, Palm Beach County, Florida. A 1,500-student private charter school located on an 8.0-acre parcel on State Road 7 in the Village of Wellington. The amenities for this K-8 charter school included an all-purpose field, playground, and secured bicycle storage. As part of the site development, a bridge and aerial water main crossing over a canal, road improvement to an adjacent property, as well as right turn lane and left turn lane additions on State Road 7. Project included the site civil development



including gravity sanitary sewer, potable water main, fire suppression system, surface water management system, grading, pavement, sidewalks, pavement marking and signage, and SWPPP plans. Scope included the preliminary design, design, permitting, and construction observation services, including NPDES inspections, pipe installation, water main taps, subgrade, base and asphalt inspections and alignment tests.

Vista View Park Splash Pad, Davie, Florida Mr. Rodriguez was the Project Manager and Engineer-of-Record responsible for providing civil design and construction administration services for the project. The project scope includes developing civil plans and stormwater calculations for the site that featured the grading and drainage design of the area surrounding a proposed splash pad including expansion of the surface water management system with hydraulically connected retention areas to attenuate the impacts of the new impervious area, and the water and sewer connections for splash pad recirculation equipment. This project required permitting through various agencies including Central Broward Water Control District, the South Florida Water Management District, City of Sunrise Utility Department, and Broward County Health Department.

Boaters Park Parking Lot, Broward County, Florida Mr. Rodriguez was the Project Manager, Engineer-of-Record and lead designer responsible for providing civil design and construction administration services for the project. The project scope includes developing civil plans and stormwater calculations (water quality only) for the site that featured the paving, grading and drainage design of a new 60-space parking lot that included a dry retention area and hydraulic connections to the parking lot catch basins. The project included the design of a fire lane as well.

Everglades Holiday Park, Unincorporated Broward, Florida Mr. Rodriguez was the lead designer responsible for providing civil design and construction administration services for the project. The project scope includes developing the water main extension plans and details for approximately 4,000 LF of 12" PVC C-900 WM. The water main extension was predominately composed of open cut installation and featured an above ground crossing over the canal and crossed the existing levee. The levee crossing was designed using a steel casing; additional fill was added to provide minimum cover.

Lafayette Hart Park, Broward County, Florida Mr. Rodriguez is the Project Manager, Engineer-of-Record responsible for providing civil design and construction administration services for the project. The project scope included developing civil plans and drainage calculations for a site that features paving, grading and drainage design for a new parking lot and sidewalk connection for and to the adjacent park. The surface water management system consists of sheet-flowing the parking lot into the surrounding retention area.

Surface Water Management (SWM) License Renewals, Broward County, Florida Mr. Rodriguez is the certifying engineer responsible for overseeing the SWM License Renewals for Broward County Parks & Recreation. The scope includes providing system inspections and developing a report for the surface water management systems of various parks and County facilities that feature retention areas and the existing drainage structures and infrastructure. Upon completion of the preliminary inspection, the County will receive a list of maintenance work that must be performed before we re-inspect the site and certify the project. T&A has performed this work for parks like Central Broward Regional Park, Tradewinds Park, and Quiet Waters Park to name a few.





Lauren Johnson, PE

PROJECT MANAGER



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EDUCATION

BACHELOR OF SCIENCE

Civil Engineering, Florida Atlantic University



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AFFILIATIONS

FLORIDA SECTION AMERICAN COUNCIL OF ENGINEERING COMPANIES

AMERICAN SOCIETY OF CIVIL ENGINEER

Committee Chair



PROFESSIONAL SUMMARY:

6 years of experience in civil engineering, specializing in both public and private development projects. As a designer, she has managed all aspects of engineering design, including roadway and parking lot layouts, water distribution systems, sewer collection and distribution networks, reclaimed water systems, stormwater management, and drainage design.

Ms. Johnson expertise extends to utility coordination, complete plan production, permitting processes, and engineering cost estimation. She is also skilled in construction administration and site inspection, ensuring that projects meet both design standards and regulatory requirements. Lauren's comprehensive approach and attention to detail make her a valuable asset in delivering successful engineering solutions.



BC SECONDARY EFFLUENT WATER TRANSMISSION MAIN, BROWARD COUNTY, FLORIDA

(OCTOBER 2022 – IN PROGRESS)

As the prime consultant and engineer-of-record of this 3.5-mile large-diameter pipe, services include preliminary design report, design, permitting, bidding assistance, and construction administration.2

The project is composed of two (2) bid packages; BP #1 is comprised of 2 horizontal directional drill operations under the CSX and FEC Railroad right-of-way. BP #2 is comprised of over 3 miles of 24" pipe along Copans Rd. The final design required the installation of the transmission main in FDOT, CSX, FES and the City of Pompano Beach right of way. **Construction cost was approximately \$24 million.**



PORT EVERGLADES BYPASS ROAD, FORT LAUDERDALE, FLORIDA

(FEBRUARY 2021 – IN PROGRESS)

As the engineer-of-record and sub-consultant to WSP, T&A handled the design and permitting for the surface water management system and utility relocations. The design encompassed drainage structures, stormwater pipes, exfiltration trenches, drainage wells, and drainage calculations addressing water quality and flood routing. Additionally, T&A managed the necessary relocations of potable water mains, gravity sanitary sewer, and force mains for the roadway. The project is currently in the construction phase, progressing toward completion. **Construction cost was approximately \$2.5 million.**



COUNTESS DE HOERNLE PARK NEW MAINTENANCE BUILDING, CITY OF BOCA RATON, FLORIDA

(JULY 2021 – IN PROGRESS)

As the engineer-of-record and sub-consultant, T&A was responsible for developing demolition plans, paving, grading, and drainage plans, water and sewer plans, pavement markings, and signage plans, as well as details and specifications. T&A also prepared stormwater calculations and an environmental resource permit modification and coordinated with the client for building department permits. Post-design services included reviewing shop drawings, observing construction during critical tests and activities, reviewing as-builts, and managing the permit close-out process.

LAUREN JOHNSON, P.E.

Broward County Reclaimed Water Transmission Main, Broward County, Florida. T&A was the prime consultant and engineer-of-record of this 11-mile large diameter pipe project, services includes preliminary design report, design, permitting, bidding assistance, and construction administration. The project is composed of two (2) bid packages; Bid Package #1 is comprised of 5 miles of a 42" pipe, and Bid Package #2 is comprised of 6 miles of 24" pipe. Multiple corridors were evaluated and cost comparisons completed for each alternative. The final design requires the installation of the proposed reclaimed water transmission main in FDOT and SFWMD right-of-way. Permitting efforts includes multiple agencies and municipalities. **The estimated construction cost for the project is approximately \$35 million.**

Spanish River Restroom Building, City of Boca Raton, Florida. The scope of this Work Authorization was to provide a design to construct a new restroom building in Spanish River Park. The project included the design of a new water and sewer service, site grading, surface water management system, and permitting through the City of Boca Raton Building Department.

Bridgeport Charter School, City of Doral, Florida. A 1,500-student private charter school located on a 6.0-acre parcel. The amenities for this charter school included an all-purpose field, playground, and basketball courts. Project included the site civil development including gravity sanitary sewer, potable water main, surface water management system, grading, pavement, sidewalks, pavement marking and signage, and SWPPP plans. Scope included the preliminary design, design, permitting, and construction observation services.

Broward County Water and Wastewater Master Plan 2025, Broward County, Florida. Served as Project Manager supporting Black & Veatch (B&V) on a countywide initiative to develop long-term population, water demand, and wastewater flow projections for Broward County Water and Wastewater Services (BCWWS). Responsibilities centered on project closeout activities, including final documentation, comment reconciliation, and coordination of deliverable packages. Contributed to the development and refinement of Standard Operating Procedures (SOPs) and Emergency Response Plans (ERPs) associated with the planning effort, ensuring consistency, clarity, and alignment with BCWWS operational requirements. Supported preparation of the final technical memorandum and assisted in organizing project materials for review, approval, and archiving.

Margate Sports Park, City of Margate, Florida. Ms. Johnson was lead designer for the design, permitting, and construction administration of the new sports field, covered play structure, and restroom building. Scope included a new stormwater management system, site grading, structures, piping, retention areas, control structure with canal discharge, ICPR modeling, and water and sewer connections.

TIGNER COMMUNITY CENTER, DEERFIELD BEACH, FLORIDA Ms. Johnson was the Project Manager and lead designer responsible for providing civil design and construction administration services for the project. The project scope includes developing civil plans and stormwater calculations including the preparation of paving, grading and drainage design for the site, water and sewer connections for the community center, and a striping plan that included fire lane design.





JULIAN LUCCO, PE

PROJECT MANAGER



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👥 AFFILIATIONS

**FLORIDA SECTION AMERICAN
COUNCIL OF ENGINEERING
COMPANIES**
**AMERICAN SOCIETY OF CIVIL
ENGINEERS**

👤 PROFESIONAL SUMMARY:

Mr. Lucco has 5 years of experience in civil engineering, contributing to development projects in both the public and private sectors. He has expertise in various aspects of engineering design, including roadway and parking lot development, water distribution systems, sewer collection systems, transmission main infrastructure, surface water management, and drainage design.

Mr. Lucco demonstrates proficiency in utility coordination, plan production, permitting, and engineering cost estimation. His involvement in the planning, engineering design and construction administration phases of the project underscores his commitment to delivering effective and compliant project results. Julian brings an experience-based proactive approach to addressing complex engineering challenges.



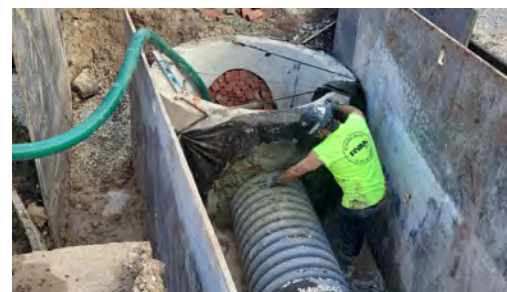
**INDUSTRIAL PARK DEVELOPMENTS
DEERFIELD BEACH, FLORIDA**
(2019 - ON-GOING)

T&A is the Engineer of Record for a multifaceted industrial development in Deerfield Beach. T&A designed and oversaw the construction of the master water, sewer, and drainage infrastructure (Phase 1) serving seven lots totaling approximately 63 acres, including roughly 25 acres of building area. T&A completed the full site and utility design, along with the site plan approval, for two of the seven lots; designed the SW 45th Way entrance; and is currently advancing the design and site plan efforts for a third lot. **Construction costs for Phase 1 were approximately \$3 million.**



**PORT STORAGE SITE STUDY
PORT EVERGLADES, FLORIDA**
(2025 COMPLETE)

T&A was retained to prepare a report identifying the requirements for developing a Port Everglades-owned parcel (ID 504227110030) into a temporary staging area capable of supporting WB-67 truck circulation with 45-ft containers, empty container stacking, auxiliary cargo-handling equipment, and other flexible operational uses. T&A developed roadway layout exhibits and performed vehicle-tracking analysis for multiple internal roadway scenarios as part of the project scope. **Construction cost for the development is approximately \$2–3 million.**



**WEST DEERFIELD DRAINAGE CAPITAL
IMPROVEMENT PROJECT
DEERFIELD BEACH, FLORIDA**
(2022 - 2024 DESIGN COMPLETE)
(2025 - CONSTRUCTION)

T&A was retained to perform master plan verification, design development, and construction services for a new drainage infrastructure project in a community that experiences severe flooding during major storm events. The design includes expanding the drainage system with over 10,000 LF of new piping—approximately 7,000 LF of which is exfiltration trench—doubling the retention volume, and providing a new discharge connection to the C-3 Canal within Quiet Waters Park. **Construction costs are approximately \$6.0 million.**

JULIAN LUCCO, P.E.

24001 WASD PCTS 16331 ROSS - Mr. Lucco supported the engineering and design services for this Miami-Dade Water and Sewer Department (WASD) water main improvement project, which replaces approximately 2,700 linear feet of undersized 2-inch galvanized water main within the area bounded by SW 14th and 144th Avenue between SW 288th and 287th Street. The project upgrades distribution reliability and fire protection by introducing new water mains, appurtenances, and fire hydrants while relocating consumer service lines impacted by construction. As a subconsultant to Ross Engineering, Thompson & Associates, Inc. served as the Engineer of Record responsible for preparing the full design package, including utility layout, hydrant placement, service relocations, and connection details. Mr. Lucco assisted with developing construction documents, coordinating design elements with WASD standards, and supporting procurement activities. Additional responsibilities included providing limited construction-phase engineering support and inspection services to ensure compliance with the project intent and Miami-Dade County requirements.

25020 CSA#2 PBCWUD - SCG FM Meter - Mr. Lucco is supporting the civil engineering and design effort for Palm Beach County Water Utilities Department's Sugar Cane Growers Cooperative Force Main Sewer Meter project, which introduces a new metering point to accurately measure wastewater flows along a critical transmission corridor. The project includes engineering design, utility location work, and development of a new meter vault and associated mechanical and electrical components to support County operations. As part of the consultant team, Mr. Lucco assists with site investigation activities, development of preliminary and 60/90/100% design submittals, and preparation of construction drawings for tie-ins, valve assemblies, electrical service requirements, and metering configuration. His responsibilities also include agency coordination, field verification, and design deliverables identified in the scope, which includes tasks such as preliminary site investigation, engineering design, permitting updates, and bidding-phase support.

21077 SW 45th Way - Mr. Lucco supported the engineering design for the SW 45th Way Infrastructure Improvements project in the City of Deerfield Beach, which provides new water, sewer, and drainage infrastructure to serve the LEDDS Addition Plat located at the northwest corner of Wiles Road and the Florida Turnpike. The project upgrades utility capacity for future development through the installation of a new 8-inch gravity sewer system totaling approximately 3,200 linear feet, 2,000 linear feet of 16-inch water main, 750 linear feet of potable water services, and 4,000 linear feet of drainage pipe, as documented in the project description. As the Prime Consultant and Engineer of Record, Mr. Lucco assisted with master planning, preparation of water, sewer, and drainage calculations, and design of grading and roadway improvements. His responsibilities also included preparing preliminary and final design plans, supporting permitting through Broward County agencies, coordinating with City staff, and assisting in developing pavement marking, signing, and utility relocation details required for construction. Additional tasks included construction coordination activities such as shop drawing review, progress meeting participation, and support for converting the ERP from construction to operation permit status.





Michael Ross, PSM, PLS

Vice-President Sr. Survey Project Manager



mross@zemangroup.com

Years of Experience: 39

Professional Registrations:

Florida Professional Surveyor and Mapper #6622

North Carolina Professional Land Surveyor #L-5322

New Jersey Professional Land Surveyor #36756

Massachusetts Professional Land Surveyor #46864

Rhode Island Professional Land Surveyor #2517

Connecticut Professional Land Surveyor #70456

Professional Affiliations:

Florida Surveying and Mapping Society (FSMS)

Software Aptitude:

MicroStation\Open Roads
AutoCAD Civil3D
Trimble Business Center
Geopak
Leica Cyclone
ArcGIS

Michael Ross brings over 39 years of experience in all facets of professional surveying and mapping operations which include project management, new business development, financial oversight, and operational management. Michael's professional experience includes transportation design surveys, boundary surveys, topographic surveys, right-of-way mapping, utility locating and mapping, and construction survey support for various DOT Districts and public and private sector clients throughout Florida, North Carolina, and the Northeast.

Relevant Experience:

Palm Beach County Water Utilities Department (PBCWUD) – Continuing Survey Services Contract:

Michael serves as the Project Manager for this three-year task work order-based contract that includes survey and SUE support for a wide variety of projects throughout Palm Beach County. Services performed under this contract include preparation of sketch and legal descriptions, boundary and topographic surveys, subsurface utility locating and mapping, vacuum excavation for test holes and other misc. support services.

Florida Power and Light Continuing Survey Services As Needed:

Michael serves as Senior Project Surveyor for a contract providing Survey and Subsurface Utility Engineering (SUE) Services. Typical projects include researching clients' legal interests (easements and rights of ways) and preparing CAD files as well as staking those lines in the field for both clearing and construction. These ongoing projects are typically in Broward and Palm Beach County, however, have included projects throughout Florida ranging from a single intersection to a 17-mile corridor. The services routinely performed under this ongoing contract are Boundary, Topographic, LiDAR Scanning, Easement plotting, sketch and legal descriptions, surveys for eminent domain takings, Subsurface Utility Engineering (SUE) Designating, Vacuum Excavation Holes (Soft-Digs), hydrographic surveys.

St. Lucie County Landfill, St. Lucie County, FL.

Mr. Ross served as Project Surveyor as part of an engineering design team to complete the annual monitoring program for the St. Lucie County Landfill site. Three active areas needed to be mapped and quantified annually. To meet state mandated regulatory requirements and comply with annual permitting processes, the work needs to be completed annually. The team was responsible for obtaining new low-level aerial photography, the establishment of permanent control networks, the generation of three-dimensional topographic mapping, digital terrain modeling, verification of existing survey data, and volume estimates for each of the three landfill cell areas that comprise over 115 acres.

Village of Royal Palm Beach Contract for General Surveying Services.

Mr. Ross served as Survey Project Manager for a contract that covered a wide range of general surveying, including baseline stakeout, ground control surveying for leveling circuits, boundary surveys, right-of-way surveys, structural and geotechnical movement monitoring surveys, topographic surveys to create digital terrain models, cross-section surveys, wetland location surveys, field stake-out of test borings, GPS surveys, mapping and verification surveys, control surveys, surveys for aerial speed enforcement zones, and construction surveys.



South Florida Water Management District - General Surveying and Mapping Services Contract. Michael served as Senior Survey Manager for this contract that covered a wide range of general surveying tasks, including construction stakeout, ground control for the Vertical Datum Upgrade Program, boundary surveys, right-of-way surveys, topographic surveys to create digital terrain models, cross-section surveys, wetland location surveys, GPS surveys, Geodetic control surveys, photo control surveys. All work was performed in accordance with applicable Minimum Technical Standards and procedures, SFWMD standards and providing plan deliverables in requested CADD and/or ARC/INFO GIS formats.

General Land and Engineering Surveying Services Contract – Miami-Dade Public Works Department, Miami, FL. Mr. Ross served as Survey Project Manager for a project that required obtaining as-built data of outfall structures for the Department of Environmental Resource Management (DERM). For this assignment, DERM provided specific project areas for field reconnaissance which included using boats and GPS enabled photography to locate and identify outfall structures along canals, lakes, ponds and the Intracoastal Waterway. After the outfall structures were identified from the water, a ground-based recon was performed to determine the terminus of each of the outfall pipes. Level runs (upwards of 6 miles) meeting NGS Third Order Accuracy Standards were performed to establish temporary benchmarks within the project area to assist with the as-built survey of the individual outfall structures.

Homes for our Troops (HFOT) Boundary Surveys (Various Locations): Michael served as Project Surveyor providing full survey assistance for several potential homesites throughout the state. Typical work is to perform a detailed boundary and topographic survey for the acquisition and design of homes that are then donated to our Troops who have been wounded. Additional work performed has included document research, creating sketch and legal descriptions, locating wetlands, and working with attorneys to provide legal access to sites.

FDOT District 4 - Districtwide Miscellaneous Surveying and Mapping Services Contract. As Senior Survey Manager for this contract, Michael successfully managed over 85 task work orders that included establishment of project network control (PNC), topographic design surveys, right-of-way mapping, utility designations, drainage surveys and baseline determination. All work was performed in accordance with criteria established by the Department's Highway Field Specifications, D.O.T. Survey Handbook, District 4 Survey Guidelines, CADD Production Criteria Handbook and complied with the minimum technical standards for land surveyors rule 5J-17.

FDOT District 7 - Districtwide Miscellaneous Surveying and Mapping Services Contract. As Senior Survey Manager for this contract, Michael successfully managed over 15 task work orders that included establishment of project network control (PNC), topographic design surveys, right-of-way mapping, utility designations, drainage surveys and baseline determination. All work was performed in accordance with criteria established by the Department's Highway Field Specifications, D.O.T. Survey Handbook, District 7 Survey Guidelines, CADD Production Criteria Handbook and complied with the minimum technical standards for land surveyors rule 5J-17.

FDOT District 4 - I-75. Served as Senior Survey Manager for a project that included obtaining vertical data for over 950 LAMP targets along I-75, Florida's Turnpike, and multiple cross streets. A drainage survey was performed for locating and detailing over 150 structures within the project corridor. XYZ data, pipe sizes, type, condition, and flow line data was acquired for each drainage structure.

FDOT District 4 - SR A1A. Served as Senior Survey Manager for a design and aerial survey for a 0.9-mile section of SR A1A Avenue through an urban and commercial area leading to Fort Lauderdale Beach. Coordinated development of the right-of-way control survey and right of way (Genesis) maps. Established primary and secondary control to locate existing features, aerial targets, section corners, and right of way points and completed detailed DTM surveys of two (2) drainage outfall areas.

Eric Detassis, PSM

Project Surveyor



edetassis@zemangroup.com

Years of Experience: 22

Professional Registrations:

Florida Professional Surveyor and Mapper #7277

Education:

Bachelor of Science in Industrial Engineering, Florida State University, 2000

Professional Affiliations:

Florida Surveying & Mapping Society-Secretary 2021

Certifications:

FDOT Maintenance of Traffic
OSHA 10 Hour Construction
Confined Space Entry

Software Aptitude:

Trimble Business Center
AutoCAD Civil 3D
TopoDOT
Faro Scene
Leica Cyclone
Leica Pegasus
MicroStation / OpenRoads

Eric's primary duties consist of assisting in project management and production on topographic, horizontal, and vertical control, boundary/right-of-way, and static/aerial/terrestrial and mobile LiDAR projects. In addition, he processes and maps GPS, EFB, static and mobile LiDAR data and performs calculations using various CAD platforms. Mr. Detassis mentors field crews and office staff and is also a co-owner of Zeman Consulting Group. In addition to his day-to-day responsibilities, he serves as Secretary of the Florida Survey and Mapping Society, Palm Beach Chapter.

Relevant Experience:

Florida Power and Light Continuing Survey Services As Needed: Mr. Detassis serves as Project Surveyor and SUE Supervisor for this ongoing contract. Services include full Survey and Subsurface Utility Engineering (SUE) Services as an "On-Call Consultant". Typical projects include researching clients' legal interests (easements and rights of ways) and preparing CAD files as well as staking those lines in the field for both clearing and construction. These ongoing projects are typically in Broward and Palm Beach County, however, have included projects throughout Florida ranging from a single intersection to a 17-mile corridor. The services routinely performed under this ongoing contract are Boundary, Topographic, LiDAR Scanning, Easement plotting, sketch and legal descriptions, surveys for eminent domain takings, Subsurface Utility Engineering (SUE) Designating, Vacuum Excavation Holes (Soft-Digs), hydrographic surveys.

Town of Jupiter – Continuing Survey Services Contract: Eric serves as the Project Surveyor and SUE Supervisor for this three-year task work order-based contract that includes survey and SUE support for a wide variety of projects throughout the Town of Jupiter. Services performed under this contract include preparation of sketch and legal descriptions, boundary and topographic surveys, subsurface utility locating and mapping, vacuum excavation for test holes and other misc. support services.

Palm Beach County Water Utilities Department (PBCWUD) – Continuing Survey Services Contract: Eric serves as the Project Surveyor / SUE Supervisor for this three-year task work order-based contract that includes survey and SUE support for a wide variety of projects throughout Palm Beach County. Services performed under this contract include preparation of sketches and legal descriptions, boundary and topographic surveys, subsurface utility locating and mapping, vacuum excavation for test holes and other misc. support services. Over 40 task work orders have successfully been completed to-date.

FDOT District 4 Districtwide Survey Contract, Broward, Indian River, Martin, Palm Beach, and St. Lucie County, FPID 423447-4-32-01: Mr. Detassis served as a Project Surveyor for this General Services District Wide Contract. Typical project types included right-of-way recovery, stakeout of the existing right-of-way, control surveys, right-of-way mapping, boundary surveys, topographic surveys, Digital Terrain Modeling, and setting of aerial targets in support of aerial photogrammetry. This district-wide had over 81 task work orders.

Eric Detassis, PSM

FDOT District 4- SR 76, Martin County, FL: Mr. Detassis served as a Project Surveyor for this full-design topographic and control survey. This was a TWO under a Continuing Services contract for Minor Engineering Design. The project was for the design of a new turn lane that included cross sections, a digital terrain model (DTM), baseline recovery, and establishing horizontal and vertical control monumentation.

FDOT District 1 – State Road 60, Polk County, Florida: Mr. Powers served as a Project Surveyor for the design survey for approximately 6 miles of State Road 60. Mobile LiDAR was utilized to capture all pavement data. The project tasks included horizontal and vertical control, right-of-way and baseline alignment, topographic survey, DTM, drainage survey, and subsurface utility designation.

South Florida Water Management District – Professional Survey Services Contract: Mr. Detassis has had multiple responsibilities for these contracts for more than 12 years. He has served as Crew Chief, Project Surveyor, and Crew Supervisor. Mr. Detassis has completed over 42 projects for the District ranging from Blue-Booked Vertical Control (both conventional level and GPS methods) surveys, to county-wide GPS Control Surveys and large Boundary Surveys, Topographic Surveys, and Construction Layout and As-builts.

Homes for our Troops (HFOT) Boundary Surveys (Various Locations): Mr. Detassis served as Project Surveyor providing full survey assistance for several potential homesites throughout the state. Typical work is to perform a detailed boundary and topographic survey for the acquisition and design of homes that are then donated to our Troops who have been wounded. Additional work performed has included document research, creating sketch and legal descriptions, locating wetlands, and working with attorneys to provide legal access to sites.

Lake Worth Drainage District (LWDD) Continuing Professional Services Contract: Mr. Detassis was the Project Surveyor responsible for all field and office activities for the right of way mapping and right of way determination for staking. Preparation of Right of Way Mapping included a review of ownership deeds, easements, and agreements of LWDD and adjacent owners.

FDOT District 4 Lake Ave and Lucerne Ave, Palm Beach County, Florida: Mr. Detassis served as Project Surveyor for the milling and resurfacing of both roadways from A Street to west of the bridge over the Intracoastal, 2.0-miles within downtown Lake Worth. The project included horizontal and vertical control, right of way and baseline alignment, topographic survey, DTM, and subsurface utility designation. In addition, 20 Intersections were laser scanned and improvements were extracted from the point cloud as well as a DTM featuring elevations at a 5' grid.

FDOT District 4 SR A1A in Fort Lauderdale, Broward County: Mr. Detassis served as the project surveyor for this 6.3-mile control, design, right-of-way, and construction surveying project. The baseline of survey was recovered from the 17th Street Causeway to NE 20th Street. Significant scope was added to this TWO as a fast-track task in this project which included a topographic survey of the beach from Sunrise to NE 18th Street. The team was also required to perform the necessary utility locates. This topographic survey was an emergency project due to the beach erosion and collapse of SR A1A.

FDOT District 4 Midway Road, St. Lucie County: Mr. Detassis served as the assistant project surveyor for this 2.0- mile project. The alignment and existing right-of-way were recovered from west of S 25th Street to East of US-1. Primary and secondary control was established throughout the project limits to complete the topographic, DTM and drainage surveys. At the completion of the design survey, a right-of-way control map was created.

FDOT District 4 I-95 in Indian River County from County Road 512 to Brevard County Line, Indian River County: Mr. Detassis served as the Project Surveyor for this 4.0-mile Surveying and Mapping project, Mr. Detassis was responsible for all field survey activities, control survey maps and design surveys to support a planned RRR Project. This project required a detailed sectional and subdivision survey through rough scrub brush to recover original monuments for baseline and right-of-way determination. This survey also required an extensive control survey to support the topographic survey and aerial photogrammetry that was combined into a single DTM.

Professional Resume
TYLER CHAPPELL

Education

Texas Christian University- Fort Worth, Texas, Bachelor of Science, August 1997, Environmental Science

Summary

Mr. Chappell's capabilities include wetland jurisdictional determinations, environmental feasibility studies, seagrass surveys, gopher tortoise surveys, environmental permitting, mitigation design, and mitigation monitoring. Mr. Chappell has performed a number of endangered and threatened species surveys, jurisdictional determinations, and environmental monitoring reports. Mr. Chappell has also conducted construction compliance inspections including turbidity monitoring for wetland and coastal projects. He has over twenty years of experience in many types of environmental permitting, including residential docks, marinas and coastal development.

Professional Experience:

VICE PRESIDENT

APRIL 2005 – PRESENT

The Chappell Group, Inc. Pompano Beach, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, seagrass surveys, gopher tortoise surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands. Construction compliance inspections including turbidity monitoring for wetland and coastal projects.

DIRECTOR, ENVIRONMENTAL SERVICES

JANUARY 1998 – APRIL 2005

Craven Thompson & Associates, Inc. Fort Lauderdale, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, seagrass surveys, gopher tortoise surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands.

Partial List of Projects:

- Pembroke Road over I-75, Pembroke Pines/Miramar, FL
- Palm & Hibiscus Islands, Miami Beach, FL
- Port Everglades Wetland Enhancement, Port Everglades, FL
- Fort Lauderdale Force Main Crossings, Fort Lauderdale, FL
- West Side Dry Retention at the FLL Airport, Fort Lauderdale, FL
- NE 10th Street Extension, Fort Lauderdale, FL
- Sheridan Street, Pembroke Pines, FL
- Comcast Intracoastal Waterway, Hollywood, FL
- Port Everglades Turning Notch Expansion, Port Everglades, FL
- Hiatus Road Improvements, Sunrise, FL
- River Oaks Stormwater Preserve, Fort Lauderdale, FL
- Chapel Trail, Pembroke Pines, FL
- Hollywood North Beach Mooring Field, Hollywood, FL
- Port Everglades Turning Notch, Port Everglades, FL
- Sample Road Crossing, Lighthouse Pointe, FL
- Hollywood Directional Bore, Hollywood, FL
- Dania Beach Waterfront Revitalization, Dania Beach, FL
- Miramar Regional Park, Miramar, FL
- North Fork Riverfront Park, Fort Lauderdale
- Port Everglades Bridge/FPL Discharge Canal, Port Everglades, FL
- Broward County Mitigation Monitoring, BC Waste & Recycling Services, FL
- Ravenswood Bridge Improvements, Dania Beach, FL
- SW 145th Avenue, Miramar, FL



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 Fax: (954) 782-1108
tyler@thechappellgroup.com
www.thechappellgroup.com

Certifications:

- ISA Certified Arborist

Affiliations:

- South Florida Association of Environmental Professionals, Past President
- Florida Association of Environmental Professionals, Past Board Member
- Leadership Broward Graduate, Class XIX
- Marine Industries Association of South Florida, Board of Directors
- Florida Inland Navigation District, Past Broward Commissioner
- Riverwalk Trust, Past Board Member
- Broward Alliance, Past Investor
- International Society of Arboriculture, Certified Arborist, Member
- Hillsboro Inlet District, Broward Commissioner
- Friends of Hugh Taylor Birch State Park, Board of Directors, Secretary
- Port Everglades Association, Board Member
- Broward Workshop, Business Advocacy Committee
- Coastal Coalition, Fort Lauderdale Chamber of Commerce

Maurice Tobon, P.E., PMP

President

Education

M.E. – Civil Engineering,
University of Florida (92)

B.S. – Civil Engineering,
University of Florida (90)

Registration

Professional Engineer:
Florida (49373)
Hawaii (20755)

Project Management
Professional (PMP)

President of ***Tobon Engineering*** and a professional water engineer with over 34 years of experience in water, wastewater, reclaimed water engineering, hydraulic modeling, climate change and utilities management in south Florida and internationally. Served for over fifteen years at the highest management levels of two of the largest water utilities in south Florida (**Palm Beach County and City of Fort Lauderdale**) and was responsible for nearly \$ 1 billion in program management capital improvements. Unique experience and insight from being in government for many years and understands the issues faced by water and wastewater utilities. Responsible for formulating sustainable infrastructure solutions in line with strategic visions and key intended outcomes and missions as defined by the Executive Administration.

Professional History

2016 to present *Tobon Engineering, President*

2007 to 2016 *Palm Beach County Water Utilities Department, Director of Engineering/Program Manager*

1997 to 2007 *City of Fort Lauderdale, Engineering Design Manager/Assistant Program Manager*

1990 to 1997 *Camp Dresser & McKee Inc., Project Manager*

HYDRAULIC MODELING

Over 30 years of hydraulic modeling experience using KYPIPE, Cybernet, and Infowater (Innovyze) software. Mr. Tobon has developed hydraulic models up to 75,000 pipes for both water and wastewater systems, including pump and booster stations. Experienced in model development from GIS databases, calibration based on field test data, capital planning, and evaluation. This experience includes steady state as well as extended period simulation of multiple water distribution systems and the generation of various scenarios to account for hourly demand patterns, seasonal variations as well as fire flow demands. For wastewater systems experience includes static as well as extended period simulation of multiple wastewater pump station and force main systems, incorporating knowledge on the simulation of collection area flow patterns, pump operations, and analysis of resultant force main pressures, flows and pump station cycling. The following is a brief list of water and wastewater hydraulic modeling projects:

- Palm Beach County Water Utilities Department, water and wastewater hydraulic model updates
- Pago Pago, American Samoa, hydraulic water model development
- Seacoast Utility Authority Western Service Area ISO Fire Flow Analysis
- Royal Utility Water Distribution System
- Avenir Development Water and Wastewater
- Ancient Tree Development Water and Wastewater Seacoast Utility Authority Reclaimed Water

- Seacoast Utility Authority Potable Water
- City of Coral Springs Water and Wastewater
- City of Boca Raton Water and Reclaimed Water
- City of Port Charlotte Rotonda Area Water
- City of Miami Beach Wastewater
- City of Fort Lauderdale Water and Wastewater

WATER AND WASTEWATER MASTERPLANS

Consultant, Water and Wastewater Integrated Utilities Master Plan, Palm Beach County Water Utilities Department. Mr. Tobon supported FTC and Chen Moore and Associated in the development, execution and served as a technical advisor for the updating of the County's water and wastewater hydraulic models. The models were for the east and west service area and included steady state and extended period simulations. The final report summarized existing potable water system facilities, water demand conditions evaluated, hydraulic model calibration efforts, hydraulic model results and evaluation, and wastewater system performance and valve criticality assessment. The IUMP Master Plan contained a 20 year CIP which was developed based on the hydraulic modeling results. Mr. Tobon served as the technical advisor and reviewer, for all model development, scenarios and interpretation of results and development of the CIP.

Consultant, Water Master Plan, City of Hollywood, Mr. Tobon is responsible for technical assistance related to the water system master plan. Responsibilities also include data analysis, assistance with water hydraulic model development and calibration. Also assists with capital project development and coordination.

Consultant, Wastewater Master Plan, City of Hollywood, Responsible for technical assistance and review of hydraulic model development. Responsibilities also include report review and QA/QC associated with interim work products.

Consultant, Stormwater Master Plan, City of Hollywood. Mr. Tobon is responsible for technical review of work products and CIP development.

Consultant, Reclaimed Water Master Plan, Palm Beach County Water Utilities Department. Mr. Tobon was responsible for reclaimed water system data analysis including historical and projected yearly, monthly, daily and hourly demands. Development of the reclaimed water hydraulic model which was integrated with the Broward County reclaimed model. The integrated hydraulic model is being used to determine pipe sizing, booster station location, storage requirements, and extent of reclaimed water availability.

Consultant, Town of Davie Water and Wastewater Master Plan, ongoing, Town of Davie Utilities Department. Mr. Tobon is responsible for water and wastewater system data analysis including historical and projected water yearly, monthly, daily and hourly flows from the treatment plants into the distribution and collection systems. Data analyses includes rainfall variations and their impact on wastewater flows. Serve as a technical advisor for the development of a 20-year capital improvement program.

Director of Engineering, 2012 Water and Wastewater Masterplan, Palm Beach County Water Utilities Department. This project was for the development of the 2012 Water and Wastewater Masterplan for Palm Beach County Water Utilities Department. Both masterplans recommended over 500 million dollars in capital projects which served as the basis for ongoing Capital Improvement Program. The masterplans were developed by consultants under the direction and supervision of Mr. Tobon.

Director of Engineering, 2014 Glades Region Water and Wastewater Masterplan, Palm Beach County Water Utilities. This project provided the creation of the first Water and Wastewater Masterplan for the municipalities of South Bay, Belle Glade and Pahokee. The masterplan summarized the existing conditions of the water and

wastewater systems, created hydraulic models for water and wastewater collection systems and prioritized improvements including treatment systems. The masterplans were developed by consultants under the direction and supervision of Mr. Tobon.

Engineering Design Manager, 2007 Water and Wastewater Masterplan, City of Fort Lauderdale Public Services, Florida. This project provided for the 2007 Water and Wastewater Masterplans for the City of Fort Lauderdale. Both master plans developed over 550 million dollars in capital projects, which served as the basis for *Waterwork 2011 Program Management*. Consultants under the guidance, direction and supervision of Mr. Tobon developed the Masterplans.

Project Manager (CDM), Water and Wastewater Masterplan, City of Coral Springs. This project provided the Water and Wastewater Masterplan for the City of Coral Springs, Florida. Both master plans created the first hydraulic models of the water and wastewater systems for the City of Coral Springs. Mr. Tobon served the Project Manager for the effort and was fully responsible for all deliverables.

Project Manager (CDM), Wastewater Masterplan, City of Miami Beach. This project provided for the Wastewater Masterplan for the City of Miami Beach, Florida. Mr. Tobon was responsible for the hydraulic model of the wastewater system and analysis of population growth with subsequent capital improvements.

INFRASTRUCTURE ASSESSMENT

Director of Engineering, Condition Assessment of PCCP 36 and 42-inch Southern Regional Trunk Forcemain, Palm Beach County Water Utilities Department. This project was for the inspections and provides an overall condition assessment of several aerial crossings. Then nondestructive inspection and condition assessment techniques included External Electromagnetic Survey; Sonic/Ultrasonic Non-Destructive Testing; Visual and Sounding Inspection; 3-Dimensional Non-linear Finite Element Modeling and Analysis; including a comprehensive PCCP design risk/performance analysis, and Transient Pressure Monitoring. The analysis and report were developed by a consultant under the direction, supervision and technical review of Mr. Tobon.

WATER DISTRIBUTION AND TRANSMISSION SYSTEMS

Technical Reviewer, City of Lake Worth, Lake Osborne Phase 1 Water Mains, 30, 60 and 90 percent design review including contract documents.

Director of Engineering, South County Water Service Replacement Phases I-III, Palm Beach County Water Utilities Department. Replacement of approximately 2,000 water services and replacement of AC water mains in the southern portion of Palm Beach County. Project was a multiyear multimillion dollar effort that involved a consultant design team and various construction contracts. Mr. Tobon was responsible for the directing and advising on the design and facilitating construction of the improvements.

Director of Engineering, Water and Sewer Service to North County Airport, Palm Beach County Water Utilities Department. Construction of a 3-mile water main and sewer force main to serve North County Airport. Project also consisted of a jack and bore under an active railroad track. Project was designed and managed during construction by County staff. Mr. Tobon was responsible for the directing and advising on the design and guidance during construction.

Engineering Design Manager, Poinciana Park 2 MG storage tank, City of Fort Lauderdale Public Services, Florida. Project was for the demolition of an existing steel standpipe and construction of a new 2MG ground storage tank and pump station at Poinciana Park. Mr. Tobon was responsible for the directing and advising on the design and also involved during construction.

WASTEWATER COLLECTION AND TRANSMISSION SYSTEMS

Team Lead, Leone- Vaitogi Wastewater System Feasibility Analysis, American Samoa Power Authority, Pago Pago, American Samoa. Team lead for the feasibility of extending wastewater services to the Leone and Vaitogi areas in Pago Pago. The feasibility study includes options for installation of new sewer mains, pump stations and a wastewater treatment plant. An evaluation of the existing wastewater treatment plant is included in order to determine treatment capacity and effluent water quality requirements.

Director of Engineering, Lift Station Rehabilitation Phases 1-4, Palm Beach County Water Utilities Department. Rehabilitation of 38 lift stations during a 4 year period, rehabilitation included new wet well coatings, valves, piping, pumps and control panels. Mr. Tobon was responsible for directing and advising staff from preliminary design through construction.

Director of Engineering, Booster Station 5241 Improvements, Palm Beach County Water Utilities Department. Rehabilitation of a major inline wastewater booster station, improvements included new valves and piping. The design build contract was carried out under the direction of Mr. Tobon.

Director of Engineering, South Bay Wastewater Lift Station Rehabilitation, Palm Beach County Water Utilities Department. Rehabilitation of 4 lift stations, rehabilitation included new wet well coatings, valves, piping, pumps and control panels. Under Mr. Tobon's direction all grant requirements were met and he was responsible for the directing and advising on the design and provided guidance during construction.

Director of Engineering, Pahokee I&I and Wastewater Lift Station Improvements, Palm Beach County Water Utilities Department. Mr. Tobon was responsible for ensuring a successful in-house design and construction project which was ARRA Funded. All grant requirements were carried out under his direction by engineering division staff.

Engineering Design Manager, Pump Station Rehabilitation: Pump Stations No. A-11, B-8, D-39, D-47 and E-5, City of Fort Lauderdale Public Services, Florida. Rehabilitation of 6 major lift stations, some of the improvements included replacement of can stations for submersible stations. Rehabilitation included new wet well coatings, valves, piping, pumps and control panels. New sanitary sewer, manholes and force mains were also constructed. Mr. Tobon was responsible for the directing and advising on the design and guidance during construction.

Engineering Design Manager, Pump Station Rehabilitation: Pump Stations No. A-2, A-17, A-18, A-19 and A-21, City of Fort Lauderdale Public Services, Florida. Rehabilitation of major lift stations included new wet well coatings, valves, piping, pumps and control panels. New sanitary sewer, manholes and force mains were also constructed. Mr. Tobon was responsible for the directing and advising on the design and facilitating construction of the improvements.

Engineering Design Manager, Pump Station Rehabilitation: Pump Stations No. D-41, A-9, B-5, B-6 and B-13, City of Fort Lauderdale Public Services, Florida. Rehabilitation of major lift stations, rehabilitation included new wet well coatings, valves, piping, pumps and control panels. Some of the duplex can stations were demolished, and new submersible stations were constructed. New sanitary sewer, manholes and force mains were also constructed. Mr. Tobon was responsible for the directing and advising on the design and facilitating construction.

Project Manager (CDM), Park City Wastewater Booster Station, City of Sunrise, Florida. Design Engineer for a 5 mgd inline wastewater booster station. The station was designed to repump wastewater from a decommission WTP located in the Town of Davie to the Springtree WWTP in Sunrise.

LARGE DIAMETER RECLAIMED AND WASTEWATER TRANSMISSION PIPING

Director of Engineering, FPL 36 Inch Reclaimed Water Pipeline, Palm Beach County Water Utilities Department. Construction of an 18 mile 36-inch Reclaimed Water Pipeline from the East Central Regional Wastewater Treatment Plant to the West County Energy Center. The project consisted of 11 direction drills including under the Florida Turnpike and through the West Palm Beach Water Catchment Area. The total \$ 52 million project was a Public Private Partnership between Palm Beach County and FPL. The pipeline portion of the project was designed by Palm Beach County staff under the supervision of Mr. Tobon who was also involved during construction. The total cost of the pipeline was \$ 19 million.

Engineering Design Manager, A1A 24-inch Wastewater Force main, City of Fort Lauderdale Public Services, Florida. The project was for the construction of 3,600 feet of a new 24-inch force main along A1A and Seabreeze Blvd in Fort Lauderdale. The new force main relieved a hydraulic restriction in the wastewater system and reduced system pressures, which increased wastewater to flow to the wastewater treatment plant. The project was designed by City staff under the supervision of Mr. Tobon and constructed under his direction.

Engineering Design Manager, Oakland Park 48 and 36-inch Water Mains, City of Fort Lauderdale Public Services, Florida. Removal of 900 LF of existing 36" PCCP water main, fittings, valves and existing 54" steel casing. Installation of approximately 140 LF of 30" DIP pipe through an existing 54" Steel Casing and installation of 920 LF of 30" DIP water main including valves, fittings and appurtenances. Designed by City staff under the supervision of Mr. Tobon who was also involved substantially during construction.

Engineering Design Manager, Davie Blvd 24-inch Water Main, City of Fort Lauderdale Public Services, Florida. Construction of 5,000 feet of 24-inch water main along Davie Blvd from Federal Highway west. The project was designed by a consultant under the supervision of Mr. Tobon and was completed in 2005.



PROFESSIONAL EXPERIENCE

Mr. Unterweger is the President of MUE. He is a Florida registered professional engineer with over twenty-six years of professional experience. His experience includes the structural design of educational facilities, municipal facilities, high-rise buildings, healthcare facilities, churches, clubhouses, building restoration, office buildings, pedestrian bridges and parking garages.

Marcus Unterweger has owned and operated MUEngineers since 2010, and leads a team of smart, pioneering professionals who share his vision and commitment to delivering superior results for the customers.

EDUCATION

Master of Engineering: Dipl. Ing.
Technical University of Munich,
Germany, 1999

Master of Business,
Business School of Edinburgh,
Britain, 2004

REGISTRATION

Registered Engineer
State of Florida
Reg. No. PE 63860

Registered Special
Inspector/Threshold
Buildings
State of Florida
Reg. No. 7027309

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

American Institute of Steel
Construction

American Concrete Institute

Marcus Unterweger, P.E., S.I., LEED AP

Principal

BENEFITS FOR THE CITY OF POMPANO BEACH

- 26+ years in professional practice
- Previous working experience with various municipalities in Florida including Broward County, City of Miami, City of Hallandale Beach, City of Aventura, Palm Beach County, City of Lake Park, City of Clewiston, City of Pompano Beach, City of Deerfield Beach, City of Hollywood, City of Coral Springs, Town of Lake Park, City of Delray Beach, and City of Boca Raton
- Project Role: Mr. Unterweger will oversee the project from start to finish. He will represent MUE at meetings, presentations, and/or site visits. He will interact directly with the client, design team and contractors.
- LEED Certified

RELEVANT PROJECT EXPERIENCE

Fort Lauderdale Aquatic Center, Fort Lauderdale, Florida-Principal in Charge. This project involves the complete structural design of a new sea wall, approximately 1,407 feet long, to replace the existing sea wall at the Fort Lauderdale Aquatic Center.

Seawall Assessment and Restoration, Aventura, Florida-Principal-in-Charge. MUE was involved in the restoration of two sections of seawalls located along canals (2.1 miles) for the City of Aventura. During the visual observations, structural assessment of the current conditions of the existing piles, seawall panels and seawall caps were obtained, analyzed and written report of our findings was prepared.

Torry Island Seawall & Walkway, Belle Glade, Florida - Principal in Charge – MUE's role on this project was to structurally design a new 800ft long new bulkhead/seawall structure and concrete boardwalk structure. Additionally, MUE engineered foundations and anchor points to secure floating dock structures designed by another company.

Secret Woods Park, Fort Lauderdale, Florida-Principal in Charge. MUEngineers, Inc. was involved in the structural design of an elevated wood walkway, deck, and a two-story observation platform. MUE provided details of precast concrete piles, aluminum C-section girders bolted to the precast concrete piles, and wood truss tie-downs.

Haulover Park-Seawall Repair, Miami, Florida Principal in Charge – MUE provided structural engineering services related to the repair procedure and scope for a failed stretch of seawall in Haulover Park.

Seawall Assessment and Restoration, Aventura, Florida-Principal-in-Charge. MUE was involved in the restoration of Phase II of the seawall restoration project. An additional two sections of seawalls located along canals (2.5 miles) for the City of Aventura. Following the assessment, MUE developed repair and restorative procedures tailored to the deteriorated components, designed structural details, and prepared permit documents to support the restoration work.

Oyer Park Boat Ramps, Boynton Beach, Florida-Principal in Charge. This project involves the design of a new concrete boat ramp to replace the existing ones, as well as the design of a new pile support for a new floating dock structure.

Yacht Management, Fort Lauderdale, Florida-Principal in Charge. MUE structurally designed a new seawall and apron slab for a new boat haul out well location as well as two new finger piers to support a mobile boat lift.

Pioneer Park Boat Ramps, Boynton Beach, Florida-Principal in Charge. MUE structurally designed a new 75ft long boat ramp structure with a floating dock.

Marina Boat Ramp, Hollywood, Florida-Principal in Charge. MUE designed a new seawall structure in front of and replacing the existing deteriorated seawall structure, as well as structurally engineering an extension of the existing boat ramp. MUE also performed special inspections during the construction of the project.



Ricardo Madriz, P.E., LEED AP

Vice Principal/Sr. Project Manager

PROFESSIONAL EXPERIENCE

Mr. Madriz is a Vice Principal at MUE and brings more than seventeen years of structural engineering practice and skill to the table.

He is incredibly knowledgeable in building structures and analysis, the latest software, and current building codes and industry standards.

Ricardo Madriz has experience in the structural design of educational facilities, municipal facilities, high-rise buildings, building restoration, residential buildings, water related structures, office buildings and parking garages.

EDUCATION

Master of Engineering:
McGill University, 2004

Bachelor of Civil Engineering
McGill University, 2002

REGISTRATION

Registered Engineer
State of Florida
Reg. No. PE 68444

• BENEFITS FOR THE CITY OF POMPAÑO BEACH

- 17+ years in professional practice
- Previous working experience with various municipalities in Florida including Broward County, City of Coral Springs, Town of Davie, City of Southwest Ranches, City of Delray, City of Pompano Beach, City of Miami Gardens, City of Lauderdale, City of Tamarac, City of Oakland Park, and City of Boca Raton
- Project Role: Mr. Madriz will oversee the daily project management, ensuring timelines are met, project is moving forward, reviewing project engineers work and answering and solving questions, communicating with the entire design team and final overall structural drawings.
- LEED Certified

RELEVANT PROJECT EXPERIENCE

Fort Lauderdale Aquatic Center, Fort Lauderdale, Florida- Project Manager/Engineer. This project involves the complete structural design of a new sea wall, approximately 1,407 feet long, to replace the existing sea wall at the Fort Lauderdale Aquatic Center.

Ocean Cay Marine Reserve, Bahamas-Project Manager/Engineer. Our role for this project was the structural design and engineering of the transformation of an uninhabited Bahamian island to a new private island destination for a prominent cruise line. Roughly 40 different building structures were engineered and designed.

Secret Woods Park, Fort Lauderdale, Florida-Engineer. MUEngineers, Inc. was involved in the structural design of an elevated wood walkway, deck, and a two-story observation platform. MUE provided details of precast concrete piles, aluminum C-section girders bolted to the precast concrete piles, and wood truss tie-downs.

Haulover Park-Seawall Repair, Miami, Florida-Engineer – MUE provided structural engineering services related to the repair procedure and scope for a failed stretch of seawall in Haulover Park.

Port Everglades Consolidated Maintenance Facility Building, Hollywood, FL-Sr. Project Manager. MUE provided comprehensive schematic design plans relating to the consolidation of all port maintenance functions, including a gas station and vehicle maintenance facility. The project is now in Phase II aiming for a final set of construction documents for September 2025.

Sunny Lakes Observation Deck, Davie, Florida-Project Manager. MUEngineers, Inc. was involved in the renovation and replacement of a wood observation deck and walkway in the park. MUE provided details and engineering for girders to wood piles, wood joists and connections and post bracing details.

Mills Pond Park, Fort Lauderdale, Florida – Project Manager - MUEngineers, Inc.'s role on this project was the structural design of a new 10'x10' elevated wood observation deck in the park. The project was awarded in 2016 and was completed in 2017.

Marina Boat Ramp, Hollywood, Florida-Engineer. MUE designed a new seawall structure in front of and replacing the existing deteriorated seawall structure, as well as structurally engineering an extension of the existing boat ramp. MUE also performed special inspections during the construction of the project.

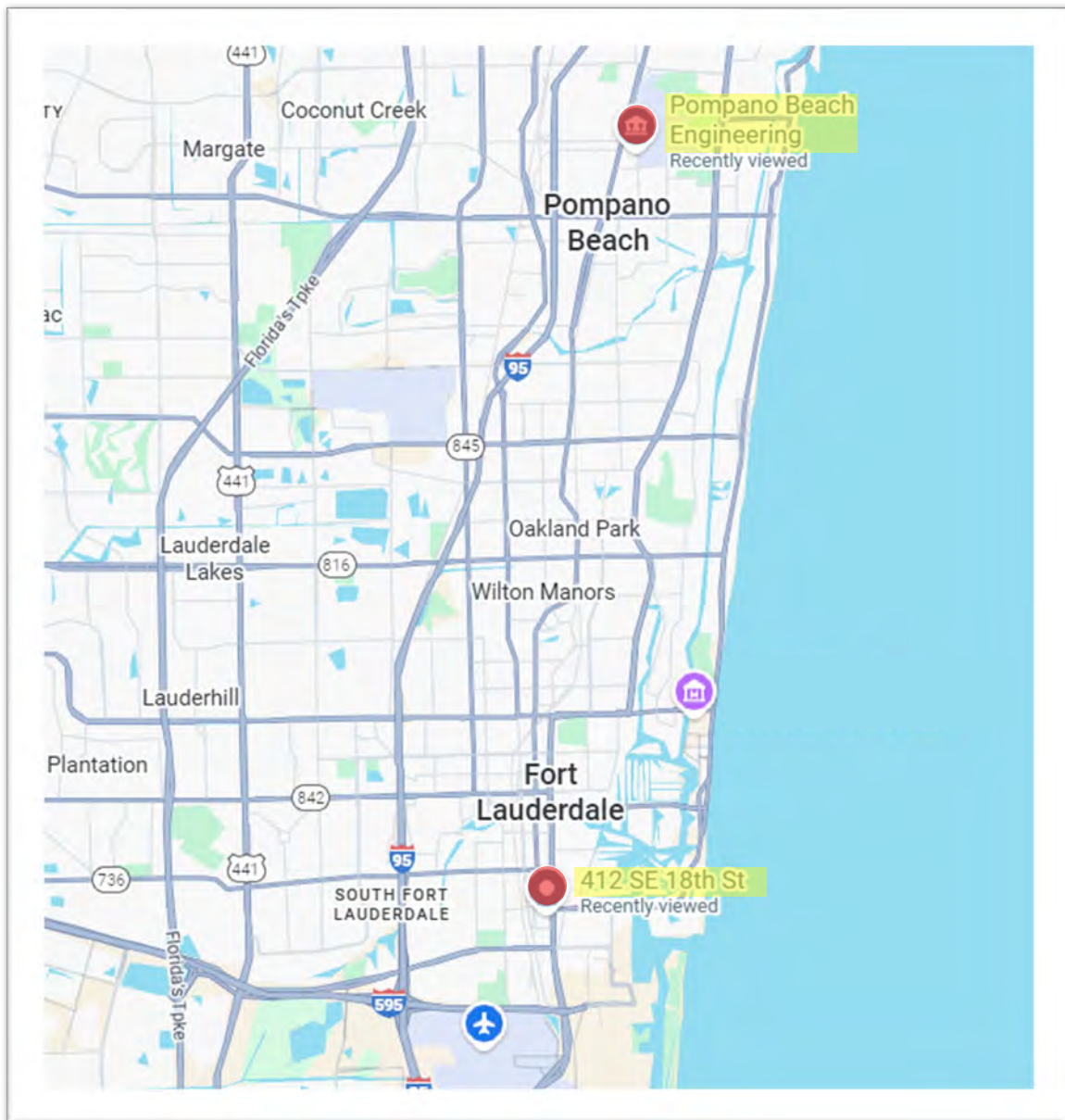
Senior Activity Center, Pompano Beach, Florida-Project Manager-A member of the team for the City of Pompano Beach for the structural design and engineering related to a new one-story senior activity community center.

OFFICE LOCATION

OFFICE LOCATION

T&A's main office is conveniently located within Broward County, near Interstate 95 and 595, 25 minutes away from The City of Pompano Beach Office. This location and proximity to major highways allows T&A to provide increased responsiveness to City of Pompano Beach staff and quick access to potential project sites throughout Pompano Beach. The team at this office includes one (1) Principal-in-Charge, one (1) Senior Project Manager, two (2) Project Managers, six (6) Staff Engineers, and two (2) full-time Inspectors.

Vendor's business address: [412 SE 18th Street, Fort Lauderdale, Florida 33316](#)



CITY FORMS

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFP IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

RFP 26-003, Continuing Contracts for Civil Engineering Services (CCNA)
(number) (RFP name)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFP. I have read the RFP and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) **James Thompson, P.E.** Title **President**

Company (Legal Registered) Thompson & Associates, Inc., Civil Engineering

Federal Tax Identification Number 59-3823672

Address 412 SE 18th Street

City/State/Zip Fort Lauderdale, FL, 33316

Telephone No. (954)-761-1073 Fax No. N/A

Email Address James@thompson-inc.com

Bidder Company Name Thompson & Associates, Inc., Civil Engineering**Qualifications Of Bidders**

To demonstrate qualifications to perform the work, and to be considered for award, each bidder shall submit at least three (3) business customer references. Provide information for business customers for whom you have performed work of this nature which you list as references, excluding the City of Pompano Beach. (Use an attachment if necessary.)

1. Name and address of customer: Broward County Water and Wastewater Engineering Division
2555 W. Copans Road, Pompano Beach, FL 33069

Contact person name, telephone number and email address: Sabrina Baglieri,
(954) 831-0907, sbaglieri@broward.org

Description of services provided and date(s) of service: From June 2023 to Current, T&A has served as the Engineer-of-Record
and Prime Consultant for two projects managed by Sabrina: a 20,000 LF 24-inch effluent water transmission main (pending award) and a
174,000 LF expansion of the BCWWS reclaimed water system serving 3,000 customers (currently in permitting and final design).

2. Name and address of customer: Broward County Water and Wastewater Engineering Division
2555 W. Copans Road, Pompano Beach, FL 33069

Contact person name, telephone number and email address: George Lopez, El,
(954) 831-0919, galopez@broward.org

Description of services provided and date(s) of service: From November 2019 to March 2023, T&A served as the
Engineer-of-Record and Prime Consultant for the Area 2F Septic Tank Elimination Project, managed by George. The scope included engineering
design and construction administration for a new sanitary sewer system comprising 5,500 linear feet of gravity sewer, 400 linear feet of force main, and two lift stations.

3. Name and address of customer: Miami Dade Water and Sewer Department - Engineering & Construction Division
3575 S. Le Jeune Road, Miami, FL 33133

Contact person name, telephone number and email address: Lisel Suarez Toledo, PE,
(786) 552-4439, lisel.suareztoledo@miamidade.gov

Description of services provided and date(s) of service: From November 2023 to Current, T&A has served as the Engineer-of-Record
and Prime Consultant for approximately 2,000 linear feet of 10-inch PVC force main within the City of North Miami right-of-way,
connecting Pump Station 313 (by others) to an existing 36-inch force main and upsizing the existing 8-inch force main

TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

 My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

 My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

 X My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

 My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

 My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.

Or

 X My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

December 18, 2025
(Date)

Thompson & Associates, Inc., Civil Engineering
(Name of Firm)

BY: James Thompson, P.E., LEED-AP
(Name)

LOCAL BUSINESS EXHIBIT "A"
CITY OF POMPANO BEACH, FLORIDA
LOCAL BUSINESS PARTICIPATION FORM

Solicitation Number & Title: RLI 26-003- CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Prime Contractor's Name: Thompson & Associates, Inc., Civil Engineering

<u>Name of Firm, Address</u>	<u>Contact Person, Telephone Number</u>	<u>Type of Work to be Performed/Material to be Purchased</u>	<u>Contract Amount or %</u>
The Chappell Group, Inc.	Tyler Chappell (954) 782-1908	Environmental Services	5%

LOCAL BUSINESS EXHIBIT "A"

LOCAL BUSINESS EXHIBIT "B"
LOCAL BUSINESS
LETTER OF INTENT TO PERFORM AS A LOCAL SUBCONTRACTOR

Solicitation Number RLI 26-003

TO: Thompson & Associates, Inc., Civil Engineering
(Name of Prime or General Bidder)

The undersigned City of Pompano Beach business intends to perform subcontracting work in connection with the above contract as (check below)

☐ an individual

☒ a corporation

☐ a partnership

☐ a joint venture

The undersigned is prepared to perform the following work in connection with the above Contract, as hereafter described in detail:

Environmental Services

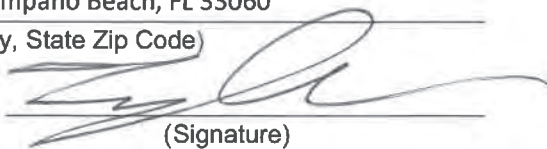
at the following price: 5%

12/11/25
(Date)

The Chappell Group, Inc.
(Print Name of Local Business Contractor)

714 E McNab Road
(Street Address)

Pompano Beach, FL 33060
(City, State Zip Code)

BY: 

(Signature)

IMPORTANT NOTE: Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"LOCAL BUSINESS
UNAVAILABILITY FORMBID # 26-003I, James Thompson, PE, President

(Name and Title)

of Thompson & Associates Inc., Civil Engineering, certify that on the 18th day ofDecember, 2025, I invited the following LOCAL BUSINESSES to bid work items to be performed in the City of Pompano Beach:

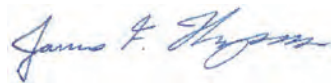
Business Name, Address	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials/Labor, Labor Only, etc.)
Keith and Associates	Surveying, SUE, and Civil Design Support Services	N/A

Said Local Businesses:

☐ Did not bid in response to the invitation

☐ Submitted a bid which was not the low responsible bid

☒ Other: Is submitting as prime on this contract and could not also be a subconsultant


Name and Title: James Thompson, PE, PresidentDate: 12/18/2025

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "D"
GOOD FAITH EFFORT REPORT
LOCAL BUSINESS PARTICIPATION

BID # RLI 26-003

1. What portions of the contract have you identified as Local Business opportunities?

Survey and SUE

2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.

Yes, we met with local firm Keith & Associates to discuss teaming.

3. Did you send written notices to Local Businesses?

☐ Yes ☒ No

If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.

4. Did you advertise in local publications?

☐ Yes ☒ No

If yes, please attach copies of the ads, including name and dates of publication.

5. What type of efforts did you make to assist Local Businesses in contracting with you ?

Attended Pre-Bid Meeting

7. List the Local Businesses you will utilize and subcontract amount.

The Chappell Group	\$ 5%
	\$
	\$

8. Other comments:

LOCAL BUSINESS EXHIBIT "D" – Page 2



CERTIFICATE OF LIABILITY INSURANCE

Exhibit B
DATE (MM/DD/YYYY)
6/2/2025

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

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

PRODUCER Edgewood Partners Insurance Agency 3780 Mansell Rd. Suite 370 Alpharetta GA 30022		CONTACT NAME: ACEC Certificates PHONE (A/C, No, Ext): 770-552-4225 E-MAIL ADDRESS: ACECcertificates@greyling.com		FAX (A/C, No):		
INSURED Thompson & Associates Inc 412 SE 18th Street Fort Lauderdale FL 33316		THOMAS		INSURER(S) AFFORDING COVERAGE		NAIC #
				INSURER A : Hartford Underwriters Insurance Company		30104
				INSURER B : Nutmeg Insurance Company		39608
				INSURER C : Hartford Casualty Insurance Company		29424
				INSURER D : RLI Insurance Company		13056
				INSURER E :		
INSURER F :						

COVERAGES

CERTIFICATE NUMBER: 1883208061

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC ☐ OTHER:			20SBUAP5AVA	1/8/2025	1/8/2026	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
B	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY			20UEGEI3812	1/8/2025	1/8/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☒ RETENTION \$ 10,000			20SBUAP5AVA	1/8/2025	1/8/2026	EACH OCCURRENCE	\$ 1,000,000
							AGGREGATE	\$ 1,000,000
								\$
C	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	☐ Y ☒ N	N/A	20WEGAP5AYJ	1/8/2025	1/8/2026	☒ PER STATUTE ☐ OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
D	Professional Liability			RDP0058650	6/1/2025	6/1/2026	Per Claim Aggregate	\$3,000,000 \$3,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The City of Pompano Beach is named as an Additional Insured with respects to General & Automobile Liability where required by written contract. Waiver of Subrogation is applicable where required by written contract & allowed by law. The above referenced liability policies are primary & non-contributory where required by written contract. Should any of the above described policies be cancelled by the issuing insurer before the expiration date thereof, we will endeavor to provide 30 days' written notice (except 10 days for nonpayment of premium) to the Certificate Holder. Contractual Liability is included under the General Liability Policy.

CERTIFICATE HOLDER

CANCELLATION

City of Pompano Beach, Florida; Post Office Drawer 1300; Pompano Beach FL 33061-0000	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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Request for Taxpayer Identification Number and Certification

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

**Give Form to the
requester. Do not
send to the IRS.**

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

Thompson & Associates, Inc., Civil Engineering

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

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

☐ Individual/sole proprietor or single-member LLC

☐ C Corporation

☒ S Corporation

☐ Partnership

☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ►

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ►

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

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

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

412 SE 18th Street

6 City, state, and ZIP code

Fort Lauderdale, FL 33316

Requester's name and address (optional)

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

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

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

Social security number

			-			-				
--	--	--	---	--	--	---	--	--	--	--

or

Employer identification number

5	9	-	3	8	2	3	6	7	2
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Part II Certification

Under penalties of perjury, I certify that:

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

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

**Sign
Here**

Signature of
U.S. person ►

Date ► August 13, 2025

General Instructions

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

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

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



REVIEWED OR AUDITED FINANCIAL STATEMENTS

FINANCIAL STATEMENT

T&A's most recent audited financial statement has been uploaded as a separate file titled **"FINANCIAL STATEMENTS"** and marked **"CONFIDENTIAL."** The City shall refer to this confidential file to satisfy the requirements of this section.



RLI26-003 Addendum 3
Thompson & Associates
Thompson & Associates, Inc. Civil
Engineering
Supplier Response

Event Information

Number: RLI26-003 Addendum 3
 Title: Continuing Contracts for Civil Engineering Services - CCNA
 Type: Request for Letters of Interest
 Issue Date: 11/17/2025
 Deadline: 12/18/2025 02:00 PM (ET)
 Notes: According to Section 287.055, Florida Statutes Consultants' Competitive Negotiation Act (CCNA), the City of Pompano Beach (the "City") invites professional companies/firms to submit a Letter of Interest (RLI) to provide civil engineering services on a continuing as-needed basis.

The selected firm shall demonstrate specific experience and capabilities and must have qualified personnel and expertise in the specified disciplines.

This RLI is subject to the "Cone of Silence," which imposes certain restrictions on communications concerning the RLI process.

The Cone of Silence shall take effect once this solicitation is released to the General Public. Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the

solicitation and the end of the 72 hours following the agency posting ^{Exhibit B} the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.” (F.S. 287.057 (25)).

Any firm or lobbyist for a firm is prohibited from having any communications concerning any solicitation for a competitive procurement with any member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee after Procurement and Contracts releases a solicitation to the General Public. All communications must be sent through the eBid System (IonWave) or to the Purchasing Agent assigned to this solicitation, Jeffrey English, at 954-786-4098 or jeffrey.english@copbfl.com. No other member of the City Commission, City Clerk, City Manager’s Office, any Evaluation Committee Member, or any other City of Pompano Beach employee should be contacted concerning this RLI. Any information that amends any portion of this RLI received by any method other than an Addendum issued to the RLI is not binding on the City of Pompano Beach.

Proposals must be submitted electronically through the eBid System (IonWave) on or before the due date and time as provided herein. Any proposals received after the specified due date and time will not be considered. Any uncertainty about the time a proposal is received will be resolved against the firm, if you don't mind.

Firms must be registered on the City’s eBid System to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded for free from the eBid System as a PDF at <https://www.pompanobeachfl.ionwave.net>. The City is not responsible for the accuracy or completeness of any documentation the firm receives from any source other than the eBid System. The firm is solely responsible for downloading all required documents. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the Zoom link.

Contact Information

Contact: Michael Lee
Address: Procurement and Contracts
1010 NE 3 Avenue
Pompano Beach, FL 33060
Phone: (954) 786-4098
Email: michael.lee@copbfl.com

Thompson & Associates Information

Contact: James Thompson
 Address: 412 SE 18th Street
 Fort Lauderdale, FL 33316
 Phone: (954) 761-1073
 Email: jim@thompson-inc.com
 Web Address: www.thompson-inc.com

By submitting this Response I affirm I have received, read and agree to the all terms and conditions as set forth herein. I hereby recognize and agree that upon execution by an authorized officer of the City of Pompano Beach, this Response, together with all documents prepared by or on behalf of the City of Pompano Beach for this solicitation, and the resulting Contract shall become a binding agreement between the parties for the products and services to be provided in accordance with the terms and conditions set forth herein. I further affirm that all information and documentation contained within this response to be true and correct, and that I have the legal authority to submit this response on behalf of the named Supplier (Offeror).

James Thompson
 Signature

jim@thompson-inc.com
 Email

Submitted at 12/18/2025 01:37:01 PM (ET)

Requested Attachments

Letter of Interest

1. Letter of Transmittal.pdf

The electronic version of the proposal must be uploaded to the Response Attachments tab. The file size for uploads is limited to 250 MB. If the file size exceeds 250 MB, the response must be split and uploaded as two (2) separate files.

Proposer Information Page Form

2. Proposer Information Page Form.pdf

Must be uploaded to the Response Attachment Tab

Project Team Form

3. Project Team Form.pdf

Must be uploaded to the Response Attachment Tab

Qualification of Bidders Form

4. Qualifications of Bidders Form.pdf

Qualification of Bidders Form from the attachments tab must be completed and uploaded to this tab.

Tier 1/ Tier 2 Local Business Form

5. Tier 1-Tier 2 Local Buisness Form.pdf

To comply with the City's Local Business Program as a Tier-1 or Tier-2 vendor, you must complete the Tier 1/ Tier 2 Local Business form from the attachments tab and upload it here.

Local Business Program Forms

6. Local Business Program Forms.pdf

Local Business Program Forms from the attachments tab must be completed and uploaded to this tab.

Attachment H - W9 Request for Taxpayer Identification Number and Certification

7. Attachment H - W9.pdf

Must be uploaded to the Response Attachment Tab

Response Attachments

FINANCIAL STATEMENTS - CONFIDENTIAL.pdf

CONFIDENTIALFINANCIAL STATEMENTS

Bid Attributes

1	Terms & Conditions Check the box indicating you agree to the terms and conditions of this solicitation. ☒ Agree
2	Acknowledgement of Addenda Check this box to acknowledge that you have reviewed all addenda issued for this solicitation. ☒ Yes
3	Local Business Participation Percentage If you have indicated local business participation on the Local Business Participation Form Exhibit A enter the percentage of the contract that will be performed by local Pompano Beach businesses. 5%
4	Vendor Certification Regarding Scrutinized Companies Lists (Any Dollar Amount) Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to electronically sign on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs. Select yes for Agree, No for disagree on the drop down menu. Yes

5 Drug-Free Workplace

STATEMENT UNDER SECTION 287.087, FLORIDA STATUTES ON DRUG-FREE WORKPLACE
**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFP IN THE EBID SYSTEM.
PROVIDE THIS INFORMATION ELECTRONICALLY.**

Preference must be given to Contractors submitting certification with their bid or proposal, certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991.

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- (3) Give each employee engaged in providing the commodities or contractual services that are under bid, a copy of the statement specified in subsection (1).
- (4) In the statement specified in subsection (1) notify the employees that as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace, no later than five (5) days after such conviction.
- (5) Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by an employee who is so convicted.
- (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign this statement, I certify that his company/firm complies with the above requirements.

By choosing YES, I hereby certify that the company/firm complies with all the above requirements

6 Conflict of Interest

For purposes of determining any possible conflict of interest, all bidders must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". (Note: If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes 112.313.) Indicate yes or no below with the drop down menu.

December 18, 2025

City of Pompano Beach
1010 NE 3rd Avenue
Pompano Beach, FL 33060

**RE: Request for Qualifications RLI 26-003
Continuing Contract For Civil Engineering Services (CCNA)**

To whom it may concern,

Thompson & Associates, Inc. (T&A) is pleased to submit this Letter of Interest in response to **RLI 26-003 – Continuing Contract for Civil Engineering Services (CCNA)** for the **City of Pompano Beach** and the **Pompano Beach Community Redevelopment Agency (CRA)**. T&A fully understands the intent of this solicitation and is committed to providing high-quality, responsive civil engineering services in full compliance with Section 287.055, Florida Statutes, and all requirements outlined in the RLI.

T&A recognizes that this continuing contract is intended to support a broad range of City and CRA initiatives, from small-scale assignments to complex capital improvement projects. Our firm offers **comprehensive municipal civil engineering services**, including **roadway improvements, water, wastewater, and reclaimed water systems, gravity sewer and force main systems, lift and pump stations, stormwater and drainage improvements, parks and recreational facilities, parking lots, and associated planning, permitting, bidding, construction administration, inspection, and close-out services**. We maintain strong working relationships with municipal, county, state, and federal regulatory agencies throughout South Florida, allowing us to efficiently navigate permitting processes and proactively address technical challenges to minimize delays and cost impacts.

T&A currently holds continuing contracts with **Palm Beach County Engineering and Public Works** and **Broward County Water and Wastewater Services**. These contracts demonstrate our ability to manage multiple concurrent work authorizations, maintain schedule and cost controls, coordinate effectively with public agencies and stakeholders, and deliver projects on time and within budget.

To further strengthen our capabilities, T&A has assembled a qualified team of specialty subconsultants with proven experience on municipal projects of similar scope and complexity. These include **Zeman Consulting Group** for surveying and subsurface utility engineering services, **The Chappell Group** for environmental consulting services, **MUE Engineers** for structural engineering services, and **Tobon Engineering** for hydraulic modeling. Each firm brings specialized expertise and a demonstrated record of successful performance on public sector projects, ensuring a well-rounded and technically sound project team capable of addressing complex CIP tasks such as canal dredging, seawall improvements, and other infrastructure upgrades.

In preparation for this submission, T&A has reviewed the **City of Pompano Beach Capital Improvement Plan (CIP) for Fiscal Years 2026–2030**. Our project experience submitted in this RLI demonstrates our relevant experience to complete potential projects highlighted in the CIP, **including sidewalk improvements, parking lots and ADA upgrades, restroom and concession buildings, pavilions, park facilities and structures, water main replacement, lift station rehabilitation and replacement, reuse distribution system expansion, force main replacement, canal dredging, and seawall improvements**.

The following individual is authorized to make representations on behalf of Thompson & Associates, Inc. regarding this submission:

James F. Thompson, P.E.

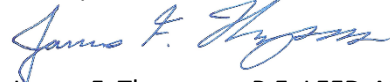
President Thompson & Associates, Inc., Civil Engineering
412 SE 18th Street, Fort Lauderdale, FL 33316
(954)-761-1073
jim@thompson-inc.com

Thank you for the opportunity to submit our qualifications. T&A welcomes the opportunity to support the **City of Pompano Beach and the CRA** through this continuing contract and to provide dependable, timely, and cost-effective civil engineering services that advance the City's infrastructure and community objectives.

Respectfully submitted,

Sincerely,

Thompson & Associates, Inc., Civil Engineering



James F. Thompson, P.E., LEED-AP

President

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER 26-003

Federal I.D.# 59-3823672

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	James F. Thompson,P.E.,LEED-AP	30+	M.S. Civil/Envir. Eng.
Project Manager	Noel Rodriguez, P.E.	13+	B.S. Civil Eng.
Asst. Project Manager	Lauren Johnson, P.E.	6+	B.S. Civil Eng.
Other Key Member	Julian Lucco, P.E.	5+	B.S. Civil Eng.
Other Key Member	Lazaro Otero, E.I.	2+	B.S. Civil Eng.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	Zeman Consulting Group 3970 RCA Boulevard - Suite 7750, Palm Beach Gardens, FL, 33410	Michael Ross, PSM
Landscaping		
Engineering	MUEngineers, Inc. 3440 NE 12th Avenue,Oakland Park, FL,33334	Marcus Unterweger, P.E.,S.I.,LEED-AP
Other Key Member	Tobon Engineering 5504 NW 86th Way, Coral Springs,FL,33067	Maurice Tobon,P.E.,PMP
Other Key Member	The Chappell Group, Inc. 714 E McNab Rd, Pompano Beach,FL,33060	Tyler Chappell
Other Key Member		
Other Key Member		

(use attachments if necessary)

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

**Give Form to the
requester. Do not
send to the IRS.**

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Thompson & Associates, Inc., Civil Engineering	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor or single-member LLC ☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate ☐ Other (see instructions) ► _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
5 Address (number, street, and apt. or suite no.) See instructions. 412 SE 18th Street	Requester's name and address (optional)
6 City, state, and ZIP code Fort Lauderdale, FL 33316	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

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

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

Social security number									
				-			-		
or									
Employer identification number									
5	9	-	3	8	2	3	6	7	2

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here	Signature of U.S. person ► _____	Date ► August 13, 2025
------------------	----------------------------------	-------------------------------

General Instructions

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

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

Purpose of Form

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- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Prime /Firm Name	Thompson & Associates, Inc., Civil Engineering
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Position / Classification	Maximum Hourly Rate (\$)
Principal	\$400.00
Senior Project Manager	\$300.00
Project Manager	\$250.00
Senior Engineer	\$240.00
Engineer	\$180.00
Senior Engineer Technician	\$150.00
Engineer Technician	\$120.00
CAD Technician	\$70.00
Senior Resident Project Representative	\$165.00
Resident Project Representative	\$135.00
Administrative Assistant	\$90.00

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	Zeman Consulting Group
----------------	------------------------

Position / Classification	Maximum Hourly Rate (\$)
Senior Surveyor and Mapper	\$210.00
Professional Surveyor and Mapper	\$190.00
Senior Survey Technician	\$140.00
Survey CADD Technician	\$125.00
2 Person Survey Crew	\$210.00
3 Person Survey Crew	\$270.00
2 Person SUE Crew	\$230.00
3 Person SUE Crew	\$290.00
Vacuum Excavation Crew	\$350.00
**SUE (Subsurface Utility Locating Crew)	

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	The Chappell Group, Inc.
----------------	--------------------------

[illegible]

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	Tobon Engineering
----------------	-------------------

[illegible]

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	MUEngineers, Inc.
-----------------------	-------------------

[illegible]

City of Pompano Beach

RLI26-003 CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES (CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	Reimbursables
-------------	---------------

[illegible]