

Chen Moore and Associates

Bid Contact **Peter Moore**
lbarron@chenmoore.com
Ph 954-730-0707

Address **500 W Cypress Creek Road**
Suite 630
Fort Lauderdale, FL 33309

Qualifications **MBE**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
12622-926--01-01	12622-926 Design Criteria Package 17th Street Causeway Large Water Main Replace	Supplier Product Code:	First Offer -	1 / project	Y	Y
Supplier Total						\$0.00

Chen Moore and Associates

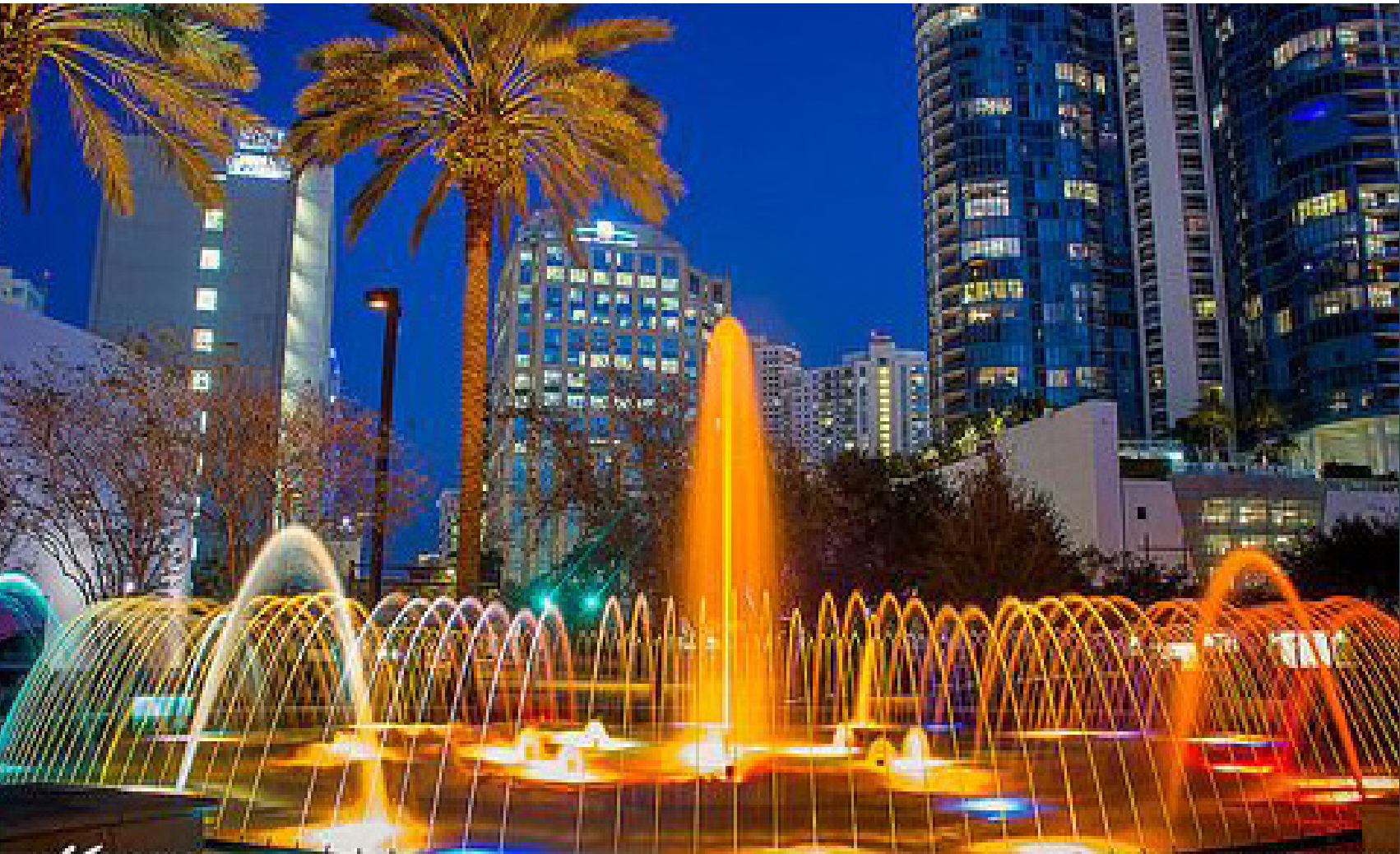
Item: **12622-926 Design Criteria Package 17th Street Causeway Large Water Main Replace**

Attachments

CMA Submittal.pdf



RFQ #12622-926 Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465



CONTACT: DANIEL DAVILA, P.E.

Project Manager
Telephone: +1 (954) 730-0707, Ext. 1085
Fax: +1 (954) 730-2030
ddavila@chenmoore.com

Office Location:
500 West Cypress Creek Road
Suite 630
Fort Lauderdale, FL 33309



500 West Cypress Creek Road, Suite 630
 Fort Lauderdale, FL 33309
 Office: +1 (954) 730-0707



Introduction Letter

February 7, 2022

Procurement Services Division
 City of Fort Lauderdale
 100 N Andrews Avenue, 6th Floor
 Fort Lauderdale, FL 33301

Re: RFQ #12622-926 Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465

Dear Selection Committee,

Chen Moore and Associates, Inc. (CMA) is pleased to submit this response to request for professional services for the Design Criteria Package (DCP) for the RFQ #12622-926 Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465.

To lead our team, CMA has selected **Daniel Davila, P.E.** to serve as the **Project Manager** who will oversee the overall development of the Project. Daniel was selected to manage this project after his extensive experience designing a variety of water and wastewater utility transmission and distribution systems in difficult corridors. With over 20 years of experience as an engineer, Daniel has worked on thousands of linear feet of water and sewer utility infrastructure replacement projects. He has also been the project manager or Engineer of Record for more than 30 horizontal direction drill projects, including thousands of linear feet of watermain and forcemain projects that range from 6" in diameter up to 54" transmission lines.

The principal for this contract are **Peter Moore, P.E., ENV SP, F.ASCE, LEED AP**, President of CMA who, will be acting as **Principal-In-Charge**. Supporting Mr. Davila, we have also assigned **David Castro, P.E.**, to serve as **Sr. Engineer**. Mr. Castro has over 8 years of professional experience in the planning, design, permitting, and implementation of utility infrastructure, including several City of Fort Lauderdale important projects such as the recently installed Redundant Forcemain in Bayview Drive and the Emergency Forcemain on Sistrunk Boulevard. Mr. Castro has an expertise in trenchless technologies, and he is a graduate from the HDD Academy in Arizona State University.

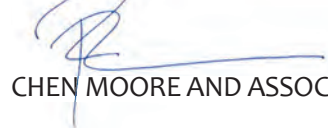
The Chen Moore team benefits to the City include:

- We have worked in over 60 projects for the City of Fort Lauderdale including more than a dozen Design-Build and Design Criteria Package (DCP) utility projects. CMA's extensive experience translates into **no learning curve**. Our knowledgeable Team will provide a **sound and efficient design**. Our Team will hit the ground running and avoid any delays.
- Our experienced Project Manager and staff will reduce risk and City exposure. The project will be delivered **within budget and within schedule**.
- CMA has an excellent working relationship with your staff and has worked on many City DCP projects and understands your requirements.
- The project is in one of the most important City and FDOT corridors and we believe trenchless technologies will be key to the success of the project. Our **HDD experience** is second to none in Broward County. We will protect the City and ensure the selected contractor is adhering to all requirements. We will **minimize risk to the City**.
- Our headquarters are **based in Broward County** and for this project we have selected Broward County and City of Fort Lauderdale residents. Being close to your staff, will allow us to provide the City **prompt and personalized service**.

Our Commitment to You

We believe in the importance of selecting a strong and knowledgeable team that can show City residents and stakeholders the importance of this project. We know that we can deliver this project for the City because of our extensive experience, knowledge, and technical expertise. We commit to deliver this project within schedule and budget while providing the City with responsive professional services. We invite you to review our project approach and the qualifications of the team we have assembled to serve the City. We are looking forward to the opportunity to present our qualifications in more detail to the selection committee.

Respectfully submitted,



CHEN MOORE AND ASSOCIATES, INC.

Peter Moore, P.E., F.ASCE, FACEC, President

4.2.1 Table of Contents

4.2.2 Executive Summary



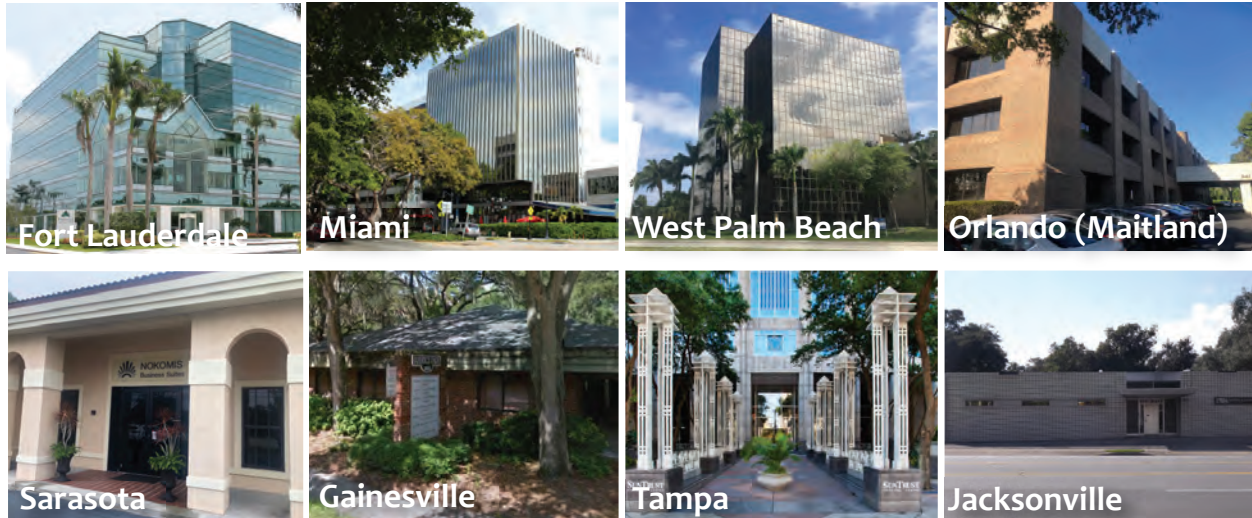
4.2.1 TABLE OF CONTENTS

Section Number	Section Title	Page Number
	Introduction Letter	1
4.2.1	Table of Contents	3
4.2.2	Executive Summary	4
4.2.3	Firm Qualifications and Experience <ul style="list-style-type: none"> • Standard Form 330 • Business Structure • Project Manager Profile • Licenses/Certifications 	7
4.2.4	Qualifications of the Project Team <ul style="list-style-type: none"> • Standard Form 330 Resumes • Staff Profiles • Organizational Chart 	31
4.2.5	Approach to Scope of Work	53
4.2.6	References	74
4.2.7	Minority/Women (M/WBE) Participation	81
4.2.8	Subconsultants	82
4.2.9	Required Forms <ul style="list-style-type: none"> • Sample Insurance Certificate • Local Business Preference Certification • Disadvantaged Business Enterprise Preference Certification • Non-Collusion Statement • Non-Discrimination Certification Form • E-Verify Affirmation Statement • Contract Payment Method • Bid/Proposal Certification 	83

Table of Contents



4.2.2 EXECUTIVE SUMMARY



CMA is a multi-discipline engineering firm founded in 1986 with eight offices in Florida. The Chen Moore team brings over 35 years of municipal civil engineering experience in the South Florida area, including dozens of watermain projects and Design-Build projects similar to the one in this RFQ. Over the years CMA has completed over 60 successful projects for the City of Fort Lauderdale.

We are headquartered in Fort Lauderdale just a few miles away from City Hall and from the project location. CMA has a total over 100 employees with 35 staff members and 10 Professional Engineers (P.E.s) out of our Fort Lauderdale office which will service this project.

The 17th Causeway Large Watermain Replacement project consists in the replacement of approximately 6,400 linear feet of 10-inch and 12-inch watermain with new 12-inch and 24-inch watermain pipe along 17th Street Causeway and Cordova Street. This area is one of the busiest corridors in the City of Fort Lauderdale with a large volume of businesses, residences and recreational buildings in the area. In addition, 17th Street Causeway is one of the most important FDOT roadways leading into Fort Lauderdale beach and is subject to daily heavy traffic by both residents and tourists alike. The 17th Street Causeway is also along the Broward County Convention Center, Eisenhower Boulevard leading into Port Everglades, and the Intracoastal draw bridge. In addition, the project will also require the crossing of US-1.

This is an important and complex project and for the reasons stated above, we believe that the City of Fort Lauderdale should engage the most experienced firm in similar projects and with a strong knowledge of City requirements. We believe that with our extensive experience working with the City, CMA is the right firm for this project. Our strong qualifications in installation of large diameter pipe, working in busy corridors and our expertise in trenchless technologies will be an asset to the City's team.

We have extensive experience on utility projects, design of large diameter pipe, hundreds of miles of water, sewer and drainage infrastructure and dozens of complex Horizontal Directional Drilling (HDD) projects. In addition, CMA has designed several successful Design-Build projects and Design Criteria Package (DCP) projects for the City of Fort Lauderdale. Some of our recent experience includes:

- **Bayshore Drive Forcemain** - 3,300 lf of 20" & 14" forcemain. **Design Criteria Package (DCP)**
- **30" WM Relocation P.S. A-16 Upgrade** - 1,200 lf of 30" HDPE & 36" DIP watermain. **Design Criteria Package (DCP)**
- **US-27 Watermain** - 16,500 lf of 16" watermain. **Design Criteria Package (DCP)**
- **South Middle River Forcemain Replacement** – 4,500 lf of 18" forcemain. **Design Criteria Package (DCP)**



- **Flagler Village A-24 Pump Station** - 700 lf of 12” forcemain, gravity sewer and a triplex lift station. **Design Criteria Package (DCP)**
- **Emergency Forcemain Rehabilitation** - 22,000 lf of 30” forcemain. **Design/Build (DBF)**
- **Redundant Forcemain Transmission Line** - 23,000 lf of 48” forcemain. **Design/Build (DBF)**
- **B-4 PS Forcemain Replacement** - 5,100 lf of 28” forcemain. **Design/Build (DBF)**
- **Las Olas Phase II Forcemain** - 3,100 lf of 16” & 10” forcemain. **Design/Build (DBF)**
- **Cudjoe Wastewater Regional Collection System** - 57,000 lf of 4”-8” watermain; 500,000 lf of low-pressure sewer and gravity sewer; and over 100 pump stations. **Design/Build (DBF)**
- **Flamingo Road Reclaimed WM** - 8,000 lf of 8” reclaimed watermain. **Design/Build (DBF)**

The work for this RFQ will be performed from our Fort Lauderdale office.

500 W Cypress Creek Road, Suite 630
 Fort Lauderdale, FL 33309
 Telephone: +1 (954) 730-0707
 Fax: +1 (954) 730-2030



Key Individuals Who Will Be Directly Involved With The Work

Key Staff	Area of Expertise	Office Location
Daniel Davila, P.E.	Water and Sewer Systems	Fort Lauderdale
Peter Moore, P.E., F.ASCE, FACEC	Water and Wastewater Systems	Fort Lauderdale
Shahin Hekmat, P.E.	QA/QC	Fort Lauderdale
David Castro, P.E.	Sanitary Sewer Improvement	Fort Lauderdale
Todd Nochomson	Expert Civil Engineering Designer	Fort Lauderdale
Manuel Caamano	Construction Administration	Fort Lauderdale



Utility Design

- Water/Sewer Distribution/Collection/Transmission System Modeling
- Master Planning
- Pump Station Rehabilitation and Design
- Water Supply, Treatment and Distribution
- Wastewater Collection, Transmission, Treatment, Re-use and Disposal
- Trenchless Technology Analysis
- Pipe Lining and Rehabilitation
- GIS Analysis
- Odor Management
- Government Agency Permitting and Coordination
- Cost Estimating

Stormwater & Drainage Engineering, Planning and Management Services

- All Aspects of Stormwater System Design
- Modeling (Both Water Quantity and Quality)
- Geographic Information Systems for Stormwater Projects
- Floodplain Assessment and Management Plans
- Stormwater Master Planning
- Watershed Assessments
- NPDES
- Permitting Support
- Regulatory Support
- Government Agency Permitting and Coordination
- Public Outreach and Education
- Cost Estimating

Landscape Architecture and Planning Services

- Master Planning
- Site Planning Design and Processing
- Irrigation Design
- Community Planning
- Urban Redevelopment
- Comprehensive Planning
- Parks and Recreation Planning and Design
- Due Diligence and Feasibility Reports
- Land Use Entitlements
- Landscape Planning and Design
- Hardscape Feature Design
- Streetscape Design
- Greenway and Trails Design
- Wayfinding
- Lighting Design

- Graphic Design and Presentation
- Habitat Restoration

Construction Administration Services

- Bidding Assistance
- Preconstruction Services
- Value Engineering
- Scheduling
- GIS/GPS Report Integration
- Administration
- Testing
- Construction Monitoring
- Construction Engineering Inspections
- Construction Management
- Bond Releases



Transportation Engineering and Streetscape Design

- Streets and Highway Design
- Traffic signal design and analysis
- Street lighting design
- Master Planning
- Geometric Intersection Design
- Conceptual Design and Alternatives Analysis
- Maintenance of Traffic Design
- Pedestrian and Bicycle Pathway Design
- Operational and Safety Studies
- Land Use Plan Amendments
- Traffic Calming Design
- Circulation and Roundabout Design
- Corridor Planning
- Streetscape Design
- Hardscape Design
- Cost Estimating

4.2.3 Firm Qualifications and Experience

4.2.4 Qualifications of the Project Team



4.2.3 FIRM QUALIFICATIONS AND EXPERIENCE

Standard Form 330

Firm Qualifications and Experience



ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale Bid #12622-926 - Design Criteria Package - 17th Street Causeway Large Water Main Replacement		
2. PUBLIC NOTICE DATE January 3, 2022	3. SOLICITATION OR PROJECT NUMBER #11465	

B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE Daniel Davila, P.E., Director of Water and Sewer-Principal Engineer		
5. NAME OF FIRM Chen Moore and Associates, Inc.		
6. TELEPHONE NUMBER (561) 746-6900 x1085	7. FAX NUMBER (561) 746-8333	8. E-MAIL ADDRESS ddavila@chenmoore.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	SUBCON-TRACTOR			
a.	X			Chen Moore and Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	500 West Cypress Creek Road Suite 630 Fort Lauderdale, FL 33309	Civil Engineering
b.			X	Stoner and Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	4341 SW 62nd Avenue Davie, FL 33314	Surveying
c.			X	Infra Map Corp <input type="checkbox"/> CHECK IF BRANCH OFFICE	1860 Old Okeechobee Rd, Unit 201 West Palm Beach, FL 33409	SUE
d.			X	Pan Geo Consultants, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	8258 W State Road 84 Davie, FL, FL 33324	Geotechnical Engineering
e.			X	MOT Plans <input type="checkbox"/> CHECK IF BRANCH OFFICE	631 NE 45th Street Oakland Park, FL 33334	Traffic Engineering
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*

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

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

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ Water Sewer Improvements 113B Lauderdale Lakes, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Patrick MacGregor	c. POINT OF CONTACT TELEPHONE NUMBER (954) 831-0904
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The UAZ 113B project includes the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 350 acres and included the installation of 42,700 linear feet of gravity sewer, 1,500 linear feet of forcemain, and 66,200 linear feet of watermain. The total project included 110,400 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including NW 31st Avenue, West Oakland Park Boulevard, and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8" - 18" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6" - 8" in diameter size. County lift station 50M1 was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. CMA performed CEI services during construction and the project is currently in the close-out phase.



Fee: \$4,357,958; Cost: \$80 million (projects combined)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.	Stoner and Associates, Inc.	Davie, FL	Surveying
c.			
d.			
e.			
f.			

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

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

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ Water Sewer Improvements 110/111 Lauderdale Lakes, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Patrick MacGregor	c. POINT OF CONTACT TELEPHONE NUMBER (954) 831-0904
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The UAZ 110/111 project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes and the City of Oakland Park, along with restoration of surface areas disturbed for the construction of the improvements. The project had a combined total area of 479 acres and included the installation of 57,400 linear feet of gravity sewer, 4,400 linear feet of forcemain, and 72,100 linear feet of watermain. The total project included 133,900 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8" - 18" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe of 12" in diameter size. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.

Fee: \$11,171,568; Cost: \$80 million (projects combined)



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.	Stoner and Associates, Inc.	Davie, FL	Surveying
c.			
d.			
e.			
f.			

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

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

20. EXAMPLE PROJECT KEY NUMBER

3

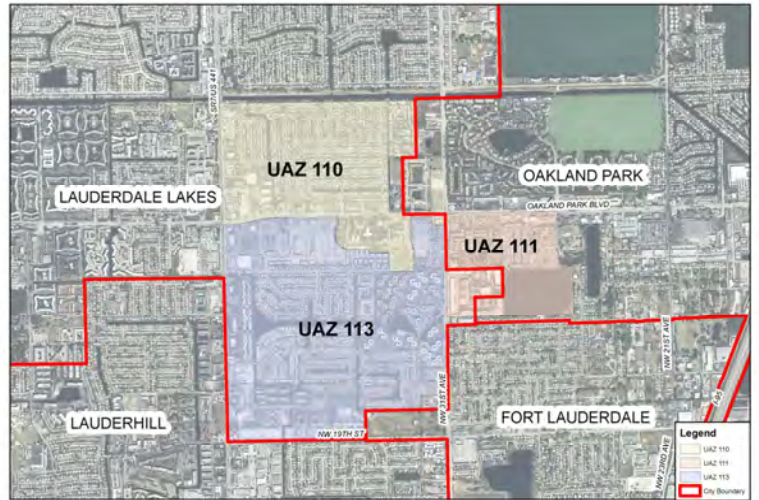
21. TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ Water Sewer Improvements 113A Lauderdale Lakes, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County	b. POINT OF CONTACT NAME Patrick MacGregor	c. POINT OF CONTACT TELEPHONE NUMBER (954) 831-0904
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The UAZ 113A project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 207 acres and included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of forcemain, and 29,800 linear feet of watermain. The total project included 57,600 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2" - 18" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8" - 12" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6" - 16" diameter size. County lift station 50N was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.



Fee: \$2,139,971; Cost: \$80 million (projects combined)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.	Stoner and Associates, Inc.	Davie, FL	Surveying
c.			
d.			
e.			
f.			

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

(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION <i>(City and State)</i> US 27 Watermain Design Criteria Package Pembroke Pines, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> N/A

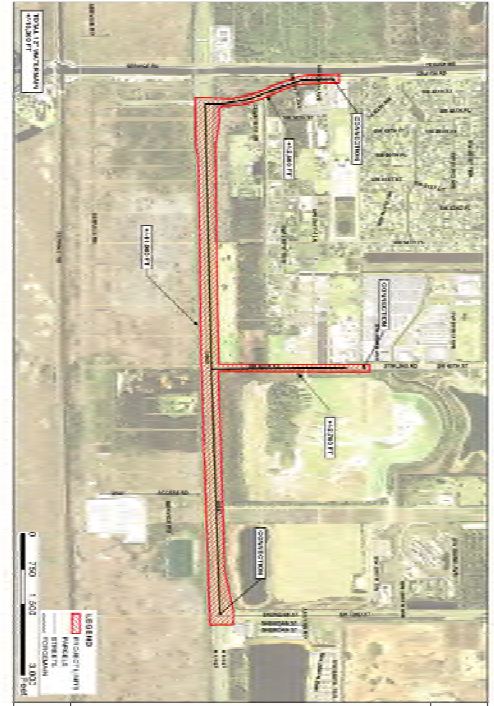
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pembroke Pines	b. POINT OF CONTACT NAME Karl Kennedy	c. POINT OF CONTACT TELEPHONE NUMBER (954) 431-4500
--	--	--

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

Chen Moore is the lead designer to prepare the Design Criteria Package (DCP) for the construction of approximately 16,000 linear feet of 16" watermain for the City of Pembroke Pines. The watermain extends from Sheridan Street to Griffin Road along US-27 and runs along Stirling Road and Sheridan Street in order to connect to the City's system. The project is part of the City's plan to loop their watermain infrastructure to improve water quality and efficiency. Chen Moore is providing geotechnical engineering, surveying, environmental services, civil engineering and permitting services. The DCP will require coordinating with all agencies, including FDOT for construction within the right-of-way, Broward County for coordination of impacts to traffic signals and coordination regarding contaminated sites. The DCP will require 30% level plans, design of horizontal directional drills and open cut.

Fee: \$113,650



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.	Stoner and Associates, Inc.	Davie, FL	Surveying
c.			
d.			
e.			
f.			

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

(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

5

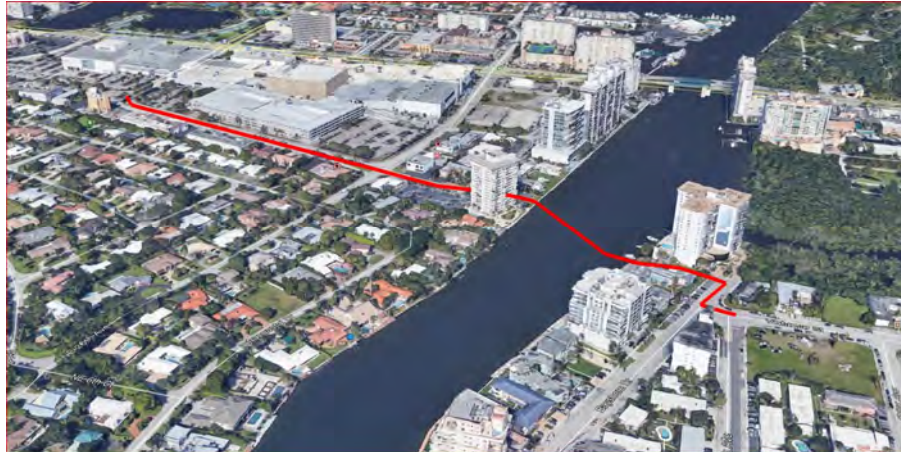
21. TITLE AND LOCATION <i>(City and State)</i> TO-02 Bayshore Drive Intracoastal Crossing Forcemain Ft Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Daniel Fisher	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-5850
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CMA prepared a Design Criteria Package for the City of Fort Lauderdale. The City owns and operates 4,420 linear feet of 20" diameter wastewater force main which includes 650 feet of subaqueous crossing under the Intracoastal Waterway. The forcemain conveys flow from Pumping Station D-40 and the surrounding area east to the intersection of Middle River Drive and NE 9th Street where it connects to a 48" diameter force main. The City has experienced several pipeline failures over the years and determined the force main needed to be rehabilitated and or replaced. CMA also provided permitting services, geotechnical investigations, bidding assistance, topographic and bathymetric survey, and services during construction.



Fee: \$150,850

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.			
c.			
d.			
e.			
f.			

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

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

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION <i>(City and State)</i> FKAA Cudjoe Regional Wastewater Collection Key West, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Florida Keys Aqueduct Authority	b. POINT OF CONTACT NAME Marnie Walterson	c. POINT OF CONTACT TELEPHONE NUMBER (305) 295-2154
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CMA was the prime consultant designing this \$90 million design-build watermain replacement and sanitary sewer collection system that will convey sewage from four of the lower keys to a transmission force main and/or master lift station located along US1/Overseas Highway. The project includes replacement of 35,579 LF of 4" C-900 watermain, 21,831 LF of 6" C-900 watermain, and 205 LF of 8" C-900 watermain. The project – the single largest in terms of value and number of customers served ever undertaken by Monroe County – consists of wastewater service and water replacement to the islands of Ramrod Key, Lower Sugarloaf Key, Little Torch Key, and Big Pine Key. The wastewater collection system includes approximately 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations that serve approximately 4,500 customers. The transmission system consists of four master pump stations and PVC and HDPE pipeline laid along US1. The project requires close coordination with the local, state, and federal permitting agencies. CMA participated in neighborhood meetings to explain to the residents the scope of work.

Fee: \$3,023,960; Cost: \$90 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime Design Consultant
b.			
c.			
d.			
e.			
f.			

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

(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION <i>(City and State)</i> Emergency Bypass 48" Forcemain Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Krishan Kandial	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-4019
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CMA is responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale's main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48" HDPE pipe with some ductile iron pipe sections. The project route includes sensitive ecosystems including the crossing of South Middle River which require Benthic surveys for the subaqueous crossing, dewatering calculations, and permitting for construction within a quarter mile of contaminated areas with high-water table being close to the coastline. Crossing of the intracoastal (US Federal Waters) requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine (9) jurisdictional agencies for this project. The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months. The project is a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant.

Fee: \$1,432,500



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime Design Consultant
b.	Infra Map Corp	West Palm Beach, FL	SUE
c.	MOT Plans	Oakland Park, FL	Traffic Engineering
d.	Pan Geo Consultants, LLC	Davie, FL, FL	Geotechnical Engineering
e.	Stoner and Associates, Inc.	Davie, FL	Surveying
f.			

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

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

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018

23. PROJECT OWNER'S INFORMATION

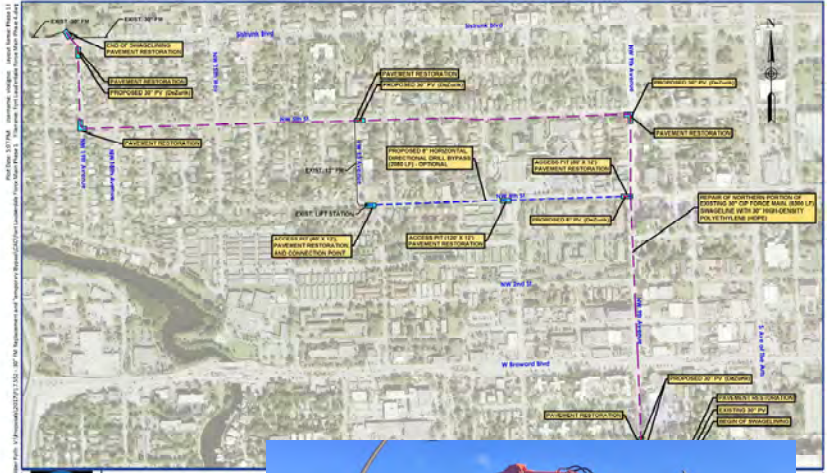
a. PROJECT OWNER Murphy Pipeline Contractors (client)	b. POINT OF CONTACT NAME Richard Crow	c. POINT OF CONTACT TELEPHONE NUMBER (954) 842-4771
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues.

The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement, and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. CMA also provided dewatering permitting and groundwater modeling due to contaminated sites within quarter mile of the projects. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch.

Fee: \$836,710; Cost: \$14 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime Design Consultant
b.	Pan Geo Consultants, LLC	Davie, FL, FL	Geotechnical Engineering
c.			
d.			
e.			
f.			

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

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

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION <i>(City and State)</i> TO-01 South River Force Main Crossing Ft Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i> 2020

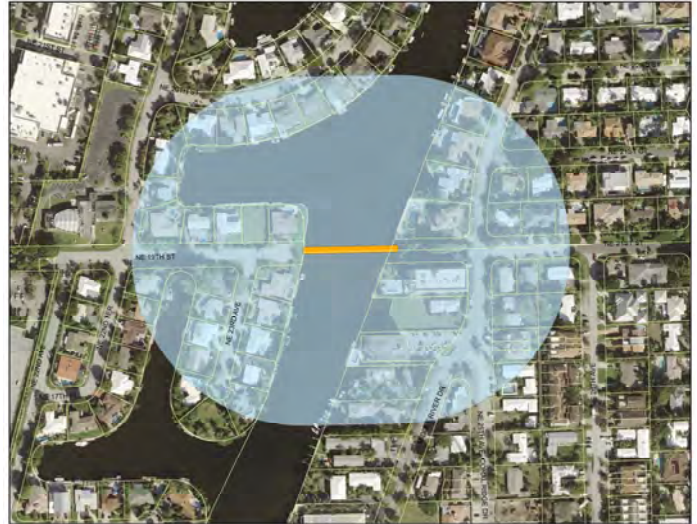
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Daniel Fisher	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-5850
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

CMA prepared the Design Criteria Package (DCP) for the South Middle River Force Main Crossing for the City of Fort Lauderdale, located along NE 19th Street / NE 21st Street between NE 22nd Avenue and Bayview Drive. The scope of work included preliminary design and permitting of approximately 2,200 LF of 16" HDPE sanitary sewer force main to replace the existing 12" cast iron pipe force main which is currently out of service. This project included approximately 1,410 LF of horizontal directional drill (HDD) of the 16" force main under the Middle River. CMA prepared the DCP and has permitted the HDD with Broward County, SFWMD, U.S. Army Corps of Engineers (ACOE), and FDEP. CMA also provided bidding assistance for this project.

Fee: \$193,202; Cost: \$1.3 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.			
c.			
d.			
e.			
f.			

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

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

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION <i>(City and State)</i> S. River Forcemain Crossing Design Review and CEI Services Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Diana Carrillo	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-5064
---	--	--

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

CMA prepared a Design Criteria Package (DCP) and performed Construction Engineering and Inspection (CEI) services for the City of Fort Lauderdale Public Works Department for the replacement and upsizing of approximately 1,860 linear feet of 12" sanitary sewer forcemain in the Bal Harbour / Coral Ridge neighborhoods.

The project included a 16" horizontal directional drill (HDD) under the South Middle River and upland open-cut installation along NE 19th Street from NE 22nd Avenue and NE 21st Street to Bayview Drive. CMA prepared the DCP which included plans and specifications. CMA also performed permitting services with Broward County and FDEP. CMA performed CEI services during the Design-Build phase, including plans review, full time field representation, and project closeout services. The Design-Build construction cost was approximately \$1.3 Million.

\$98,709 (fee);



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Chen Moore and Associates	Fort Lauderdale, FL	Prime
b.			
c.			
d.			
e.			
f.			

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Daniel Davila, P.E.	Project Manager	X	X	X	X	X		X	X	X	X
Peter Moore, P.E., F.ASCE, FACEC	Principal-in-Charge	X	X	X			X		X		
Shahin Hekmat, P.E.	QA/QC										
David Castro, P.E.	Project Engineer				X	X		X	X	X	
Todd Nochomson	Senior Designer	X	X	X	X	X	X	X	X	X	X
Manuel Caamano	Construction Administration	X	X	X		X		X	X		X

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Broward County UAZ Water Sewer Improvements 113B	6	FCAA Cudjoe Regional Wastewater Collection
2	Broward County UAZ Water Sewer Improvements 110/111	7	Emergency Bypass 48" Forcemain
3	Broward County UAZ Water Sewer Improvements 113A	8	Ft Lauderdale FM Rehab, HDD & Swageline (1-4)
4	US 27 Watermain Design Criteria Package	9	TO-01 South River Forcemain Crossing
5	TO-02 Bayshore Drive Intracoastal Crossing Forcemain	10	S. River Forcemain Crossing Design Review and CEI Services

H. ADDITIONAL INFORMATION

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

Founded in 1986, Chen Moore and Associates (CMA) specializes in civil engineering, electrical engineering, water resources, water and sewer, landscape architecture, transportation, planning, irrigation, environmental and construction engineering services. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients. The firm has its headquarters in Fort Lauderdale, FL. CMA has regional offices in Miami, West Palm Beach, Orlando (Maitland) and Jacksonville. CMA has project offices in Sarasota, Gainesville and Tampa.

At CMA, we best describe ourselves, our approach, and our priorities with these five words: Leadership, Excellence, Philanthropy, Community and Culture. CMA embraces the history and legacy of the firm set by Dr. Ben Chen, P.E. and is empowered by the vision set by its leadership team, led by President Peter M. Moore, P.E., F. ASCE, LEED AP, ENV SP. The firm continues to grow by striving for excellence in design, innovation, project management, and quality.

CMA continues to be focused on community through its commitment to philanthropy at all levels of the firm. Every office utilizes time and treasure to attend, contribute and lead in community and profession-related events throughout CMA's geographic reach. The CMA Family culture is about quality and excellence in our professional work, while contributing as a leader in our community in a fun working environment.

Our services include the following:

- Infrastructure Master Planning
- Pump Station Design and Rehabilitation
- Water Supply, Treatment and Distribution Design
- Stormwater Management System Design and Master Plans
- Environmental Engineering
- Roadway Design and Streetscape
- Traffic Calming Design
- Circulation & Roundabout Design
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- Greenway & Trails Design
- Pedestrian & Bicycle Pathway Design
- Habitat Restoration
- Wayfinding
- GIS Analysis and Mapping
- Project and Program Management
- Sustainable Design and LEED Solutions
- Value Engineering
- Utility Rate and Infrastructure Valuation Studies
- Resident Coordination and Stakeholder Meetings
- Substations & Relaying
- Transmission & Distribution



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

2/7/2022

33. NAME AND TITLE

Peter Moore, P.E., F. ASCE, FACEC, President and CEO

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)
RFQ NO 12622-926

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Chen Moore and Associates, Inc.			3. YEAR ESTABLISHED 1986	4. UNIQUE ENTITY IDENTIFIER 859459547
2b. STREET 500 W. Cypress Creek Rd., Suite 630			5. OWNERSHIP	
2c. CITY Fort Lauderdale			2d. STATE FL	2e. ZIP CODE 33309
6a. POINT OF CONTACT NAME AND TITLE Peter Moore, P.E., F.ASCE, FACEC, President and CEO			a. TYPE Corporation	
6b. TELEPHONE NUMBER (954) 730-0707 x1002			b. SMALL BUSINESS STATUS No (note: CMA is an SBE at the federal level)	
6c. E-MAIL ADDRESS pmoore@chenmoore.com			7. NAME OF FIRM (If block 2a is a branch office)	
8a. FORMER FIRM NAME(S) (If any) Chen and Associates Consulting Engineers, Inc.			8b. YEAR ESTABLISHED 1986	8c. UNIQUE ENTITY IDENTIFIER 859459547

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b Discipline	c. No. of Employees	
		(1) FIRM	(2) BRANCH
02	Administrative	14	8
08	CADD Technician	10	6
12	Civil Engineer	36	16
15	Construction Inspector	5	4
16	Construction Manager	2	1
39	Landscape Architect	11	0
47	Planners (our planners are also registered landscape architects)	2	0
21	Electrical Engineer	15	0
60	Transportation Engineer	6	0
	Other Employees	101	35

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
C10	Commercial Building; (low rise); Shopping	1
C15	Construction Management	4
C18	Cost Estimating; Cost Engineering and	2
E02	Education Facilities: Classrooms	3
E09	Environmental Impact Studies.	1
G04	GIS development, analysis, data	2
H07	Highways; Streets; Airfield; Parking	3
L03	Landscape Architecture	4
P05	Planning (Community, Regional)	3
P06	Planning (Site, Installation)	4
P13	Public Safety Facilities	5
R04	Recreation Facilities (Parks, etc.)	3
R06	Rehab. (Buildings, Structures)	1
R11	Rivers Canals; Waterways; Flood Control	3
S04	Sewage Collection & Treatment	4
S11	Sustainable Design	2
S13	Stormwater Handling & Facilities	5
T02	Testing & Inspection Services	4
T03	Traffic & Transportation	4
V01	Value Analysis; Life-Cycle Costing	1
W03	Water Supply, Treatment, Distrib.	5

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

a. Federal Work	2
b. Non-Federal Work	8
c. Total Work	8

- 1. Less than \$100,000
- 2. \$100,000 to less than \$250,000
- 3. \$250,000 to less than \$500,000
- 4. \$500,000 to less than \$1 million
- 5. \$1 million to less than \$2 million
- 6. \$2 million to less than \$5 million
- 7. \$5 million to less than \$10 million
- 8. \$10 million to less than \$25 million
- 9. \$25 million to less than \$50 million
- 10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 2/7/2022
---	---------------------

c. NAME AND TITLE
Peter Moore, P.E., F.ASCE, FACEC, President and CEO

Who We Are

The following describes the overall capabilities, background, and qualifications of the CMA Team members. CMA is a C Corporation and will bring our extensive experience in utility systems, water resources/stormwater, transportation systems, and construction administrative services for municipalities. These services also include our Geographic Information Systems (GIS) and sustainability experience.



As mentioned earlier, CMA employs 101 full time staff, including 28 registered professional engineers, 6 registered landscape architects, 2 certified planners and a certified irrigation designer. In addition CMA employs numerous technical and support staff which is broken down in our 330 Form Part II.

Utility Systems Services

The design of water and sewer utilities is a part of the foundational skillsets of CMA. As demonstrated by our performance as a design consultant throughout Florida, CMA is a consultant of choice for the modeling, analysis, and design of watermain, force main, gravity sewer, and lift stations. Our engineers have the experience to address the more important utility issues and work to recommend and prioritize phasing for potential improvements. CMA provides a range of services including:

- Watermain, Gravity Sewer, and Force Main Design and Permitting
- Odor Management
- Pump Station and Lift Station Rehabilitation, Design, and Permitting
- Pipe Lining and Rehabilitation
- Trenchless Technology Analysis
- Feasibility Studies and Master Planning
- GIS Analysis
- Water/Sewer Distribution/Collection/Transmission System Hydraulic Modeling
- Water Supply, Treatment, and Distribution
- Wastewater Collection, Transmission, Treatment, Re-use, and Disposal
- Reclaim/Re-use Distribution
- Inspections and Testing
- Cost Estimating
- Government Agency Permitting and Coordination

CMA is also experienced in alternative utility installation methods to address some of unique concerns the City of Fort Lauderdale may have. Such methods include horizontal directional drilling, pipe bursting, swagelining, tremie lift station installation, and pipeline rehabilitation.

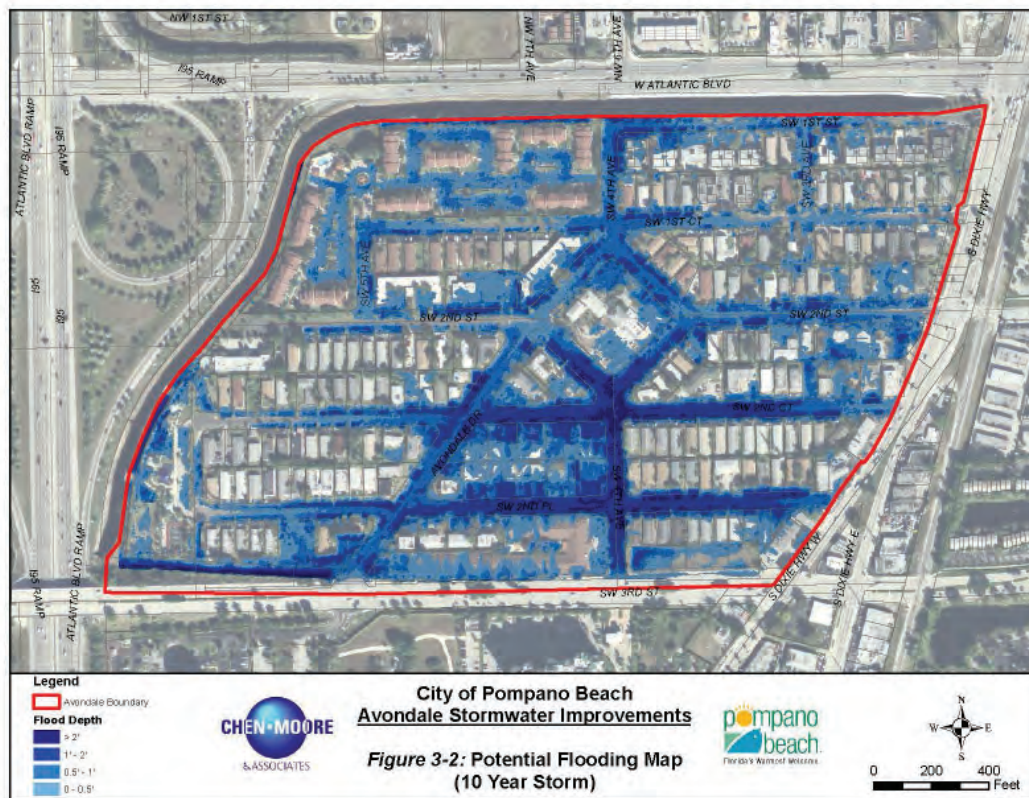


The CMA Team also has extensive experience in the evaluation and replacement of existing force main pipes. These projects can be evaluated both in the field and in the hydraulic model system. Any necessary replacement or new pipe installation will require a thorough route study and the site conditions need to be investigated further to ensure the feasibility. The involvement of the City in these projects will be critical to identify alternative routes, obtaining easements for both the pipeline and installation equipment, and conversations with regulatory agencies. In addition, CMA has experience with multiple projects involving both subaqueous and above ground utility crossings. For example, the CMA Team has completed the design and analysis of over 10 intracoastal or subaqueous crossings in South Florida some of which have been for the City of Fort Lauderdale. CMA also has extensive directional drill experience, including pipeline installation within City, County, and FDOT right- of-ways (ROW). In addition, the CMA Team has experience working with aerial crossings which include assessment of existing conditions and status of utilities; recommendations of project scope to improve conditions; aerial crossing design, including rehabilitation or replacement; and development of bid documents.

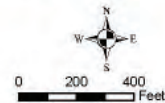
Our engineers have the experience to address the more important utility issues and work to recommend and prioritize phasing for potential improvements. Over the last 10 years, CMA has designed, permitted, and assisted with the construction of over 500 miles of pressure pipe; over 100 miles of gravity sewer; over 250 pump stations; large diameter pipe in FDOT ROW (24" to 72"); over 60 directional drills including highways, roadways, and waterways; and over 8 miles of pressure pipe over 16" diameter. Installation methods included the traditional open cut method, as well as a variety of trenchless technologies, one of CMA's niche services.

Water Resources/Stormwater Services

The CMA Team offers complete breadth of water resources services. Our team of engineers can offer the City both traditional civil engineering support and an entire range of planning, modeling, and GIS support for your drainage and stormwater projects. CMA's experience ranges from regional stormwater master planning and hydraulic and hydrologic modeling to project-level neighborhood and site-specific detailed design of stormwater improvements. Our experience encompasses all phases of project development, including conceptual planning, stormwater modeling, detailed design and analysis, government agency permitting, and project construction. We provide a range of services including:



City of Pompano Beach
Avondale Stormwater Improvements
 Figure 3-2: Potential Flooding Map
 (10 Year Storm)



Firm Qualifications and Experience



- Design and Construction of Stormwater Infrastructure Improvements
- Exfiltration Trench Design
- Stormwater Pump Station Design
- Culvert/Pipe Sizing
- Drainage Well Design
- Outfall Modification Design
- Water Quality/Water Quantity Analysis and Design
- Detailed Computer Modeling (ICPR, SWMM, StormCAD, Cascade)
- Stormwater Master Planning
- NPDES Permitting
- Regulatory Agency Compliance, Permitting, and Coordination
- Best Management Practices and MS4 Permitting
- GIS Analysis and Mapping
- Floodplain Encroachment Analysis
- Watershed Assessments
- Cut/Fill Analysis
- Emergency Utility Repairs
- Identification of Grants and Other Funding Resources
- Floodplain Assessment and Management Plans
- Public Outreach and Education
- Cost Estimating

The City is vulnerable to numerous stormwater issues (impacts to hydrological features, sea level rising, recharging the aquifer, protection of natural resources, changing regulations, etc.) and CMA fully understands what critical assets are on the line and the high level of expected service. CMA is prepared to provide a complete stormwater team that is well versed in these issues and can plan infrastructure improvements that will incorporate the future needs of the City.

The CMA Team has served both private and public clients, and CMA is also the current consultant for the South Florida Water Management District. Our projects experience varies from the design of a minor canal bank stabilization to pump stations designs. To date CMA has installed/rehabilitated a combined total of over 100 miles of stormwater pipe that we designed, permitted, and constructed.

The CMA Team and the City can discuss a range of alternatives available to meet the City’s specific goals within any restraints the CRA may have, in order to develop the most efficient and cost-effective solution.

Landscape Architecture (LA) and Planning Services



Firm Qualifications and Experience



CMA's LA and planning team provides creative solutions for a diverse clientele. The team is currently working on healthcare, private development, and government projects. CMA is known and respected for our thorough understanding of site and permitting constraints prior to commencing a project. We are highly responsive and provide out-of-the-box solutions to our clients' needs.

CMA has designed and permitted a variety of parks and recreation facilities throughout Florida including natural resource-based parks, regional parks, waterfront parks, urban parks, neighborhood parks, greenways and trails, sports fields, equestrian facilities, golf courses, aquatic facilities, boating facilities, and playgrounds. The LA staff at CMA is experienced in the design of landscape improvements in existing neighborhoods, mitigation of existing landscape during construction of other improvements, as well as design of new public spaces. The following are some examples of our LA capabilities:

- Master Planning
- Due Diligence and Feasibility Reports
- Site Planning Design and Processing
- Land Use Entitlements
- Irrigation Design
- Landscape Planning and Design
- Community Planning
- Hardscape Feature Design
- Urban Redevelopment
- Streetscape Design
- Comprehensive Planning
- Greenway and Trails Design
- Parks and Recreation Planning and Design
- Wayfinding
- Campus Planning and Design
- Lighting Design
- Graphic Design and Presentation
- Habitat Restoration

Our Team regularly participates in opportunities for continuing education and visits with vendors to stay current with legislation, design trends, and materials to provide the best quality designs to our clients.

Sustainable Business Practices

CMA believes in providing our clients with sustainable infrastructure solutions. Our approach takes into account the environmental, social, and economic impact of each project from concept through renewal at the end of its life-cycle. We've demonstrated this in our commitment to redevelopment work throughout South Florida, in embracing the LEED standards in our building projects, and in our business practices. Recently the American Public Works Association, the American Society of Civil Engineers, and the American Council of Engineering Companies formed the Institute for Sustainable Infrastructure (ISI). Though still in its early stages, the ISI has released for review and comment a sustainable infrastructure rating tool to help project owners and designers incorporate sustainable practices in the development of infrastructure. CMA has been closely tracking the progress of the rating tool, called envision™, and has begun to implement them and provide comment to ISI for future revisions. This approach will compliment the City of FortLauderdale's goals of becoming a truly sustainable city.



Project Manager

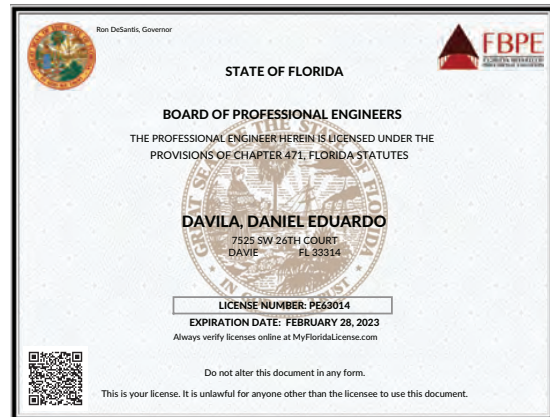
Daniel Davila, P.E. will serve as the Project Manager who will oversee the overall development of the Project. Daniel was selected to manage this project after his extensive experience designing a variety of water and wastewater utility transmission and distribution systems. With over 20 years of experience as an engineer, Daniel has worked on thousands of linear feet of water and sewer utility infrastructure replacement projects. He has also been the project manager or Engineer of Record or Senior Engineer for more than 30 horizontal direction drill projects and large diameter pipelines in busy corridors, including thousands of linear feet of watermain and forcemain projects that range from 6” in diameter up to 54” transmission lines. He has worked on the design of several intracoastal crossings in Broward County that range from 14” to 48” in diameter. In addition, Daniel has worked in many Design-Build projects and Design Criteria Package projects for the City. He understands City requirements, methodology, and has a strong working relationship with City staff which allow to expedite the project while meeting City goals of high-quality standards. He is a graduate from the HDD Academy in Arizona State University.



Please refer to Mr. Davila’s resume in Section 4 for related work experience and detailed qualification information.

Contact Information:

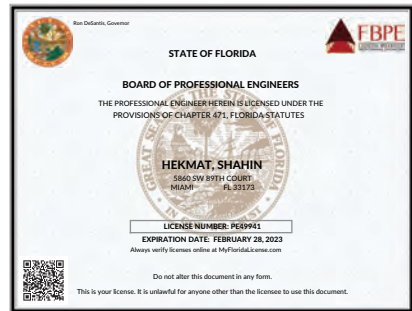
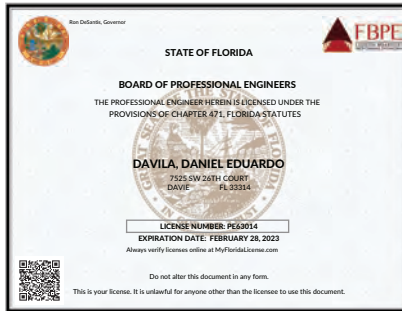
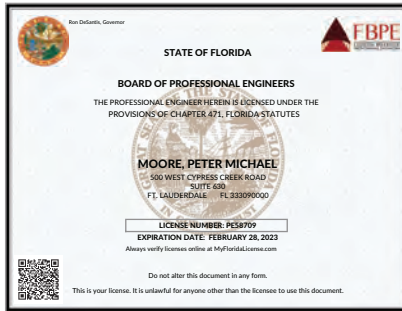
Daniel Davila, P.E.
 Project Manager
 500 W Cypress Creek Road, Suite 630
 Fort Lauderdale, FL 33309
 Telephone: +1 (954) 730-0707 x1085
 Fax: +1 (954) 730-2030
 Email: ddavila@chenmoore.com
 Website: www.chenmoore.com



Firm Qualifications and Experience

Licenses/Certifications

Please note that Peter Moore, P.E., F.ASCE, FACEC certifies the firm for engineering.



**State of Florida
Department of State**

I certify from the records of this office that CHEN MOORE AND ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on November 7, 1986.

The document number of this corporation is J41454.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 25, 2022, and that its status is active.

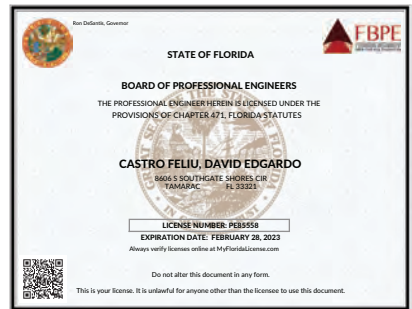
I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-fifth day of January, 2022



Kevin J. Thibault, P.E.
Secretary of State

Tracking Number: 3799915237CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sosnhz.org/Flings/CertificateOfStatus/CertificateAuthentication>



FDOT
Florida Department of Transportation
605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

October 20, 2021

Peter Moore, President
CHEN MOORE AND ASSOCIATES, INC.
d/b/a FRED WILSON AND ASSOCIATES A CMA COMPANY
500 West Cypress Creek Road, Suite 630
Fort Lauderdale, Florida 33309

Dear Mr. Moore:

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

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
- Group 13 - Planning
 - 13.6 - Land Planning/Engineering
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2022, for contracting purposes.

Approved Rates				
Home/Branch Overhead	Facilities Capital Cost of Money	Premium Reimbursed	Reimburse Actual Expenses	Home Direct Expense
1.88-3.55%	0.188%		No	2.20%
*Interim Rates				

Safety, Mobility, Innovation
www.fdot.gov

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator

Firm Qualifications and Experience



RFQ #12622-926 Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465

CAM 22-0582
Exhibit 3
32 of 137

Business Tax Receipts

CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2021-2022

Business ID: SL-100201 **Business Name:** CHEN MOORE INC
Business Address: 500 NW 82 ST # 630
 CHEN MOORE & ASSOCIATES INC
 500 NW 82 ST # 630
 FORT LAUDERDALE, FL 33309

Business ID: SL-100201 **Business Name:** MOORE, PETER
Business Address: 500 NW 82 ST # 630
 MOORE, PETER
 500 NW 82 ST # 630
 FORT LAUDERDALE, FL 33309

CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2021-2022

Business ID: SL-100204 **Business Name:** MCCLAIR, JASON
Business Address: 500 NW 82 ST # 630
 MCCLAIR, JASON
 500 NW 82 ST # 630
 FORT LAUDERDALE, FL 33309

Business ID: SL-100204 **Business Name:** BRISA, SAVIA
Business Address: 500 NW 82 ST # 630
 BRISA, SAVIA
 500 NW 82 ST # 630
 FORT LAUDERDALE, FL 33309

Broward County Tax Collector, 115 S. Andrews Ave., Room A-100, Fort Lauderdale, FL 33301

Records Taxes and Treasury Division
 2021-2022
Local Business Tax Renewal Notice
FAILURE TO RENEW WILL RESULT IN A "NOTICE OF VIOLATION"

Receipt Number: 315-649
 Location Address: 500 W CYPRESS CREEK RD SUITE 630
 Type of Business: ENGINEER

Amount: \$10.00
After Sept 30 Pay: \$10.00
By September 30 Pay: \$0.00

7000000000000000000000000432022000003000000000000000000000

CHEN MOORE & ASSOCIATES INC
 CHEN MOORE AND ASSOCIATES INC
 500 W CYPRESS CREEK RD SUITE 630
 FORT LAUDERDALE, FL 33309

Broward County Tax Collector, 115 S. Andrews Ave., Room A-100, Fort Lauderdale, FL 33301

Records Taxes and Treasury Division
 2021-2022
Local Business Tax Renewal Notice
FAILURE TO RENEW WILL RESULT IN A "NOTICE OF VIOLATION"

Receipt Number: 315-29935
 Location Address: 500 W CYPRESS CREEK RD STE 630
 Type of Business: ALL OTHERS

Amount: \$10.00
After Sept 30 Pay: \$10.00
By September 30 Pay: \$0.00

7000000000000000000000000432022000003000000000000000000000

CHEN MOORE & ASSOCIATES INC
 CHEN MOORE AND ASSOCIATES INC
 500 W CYPRESS CREEK RD STE 630
 FORT LAUDERDALE, FL 33309

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: CHEN MOORE & ASSOCIATES INC **Receipt #:** 315-650
Business Name: CHEN MOORE & ASSOCIATES INC **Business Type:** (ENGINEER (CORP OFFICE (ENGINEERS)))

Owner Name: PETER MOORE **Business Opened:** 01/13/1987
Business Location: 500 W CYPRESS CREEK RD SUITE 630 LAUDERDALE, FL 33309
State/County/Cert/Reg: 3266 **Exemption Code:**

Business Phone: 954-730-0707

Rooms	Seats	Employees	Machines	Professionals
		1		

For Vending Business Only		Vending Type:				
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

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

WHEN VALIDATED

Mailing Address:
 CHEN MOORE AND ASSOCIATES INC
 500 W CYPRESS CREEK RD SUITE 630
 FORT LAUDERDALE, FL 33309

Receipt # #MMW-20-00216639
Paid 07/02/2021 30.00

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: CHEN MOORE AND ASSOCIATES INC **Receipt #:** 319-239935
Business Name: CHEN MOORE AND ASSOCIATES INC **Business Type:** (ALL OTHERS (LANDSCAPE ARCHITECT))

Owner Name: BEN CHEN **Business Opened:** 03/15/2011
Business Location: 500 W CYPRESS CREEK RD STE 630 LAUDERDALE, FL 33309
State/County/Cert/Reg: LC26000425 **Exemption Code:**

Business Phone: 954-730-0707

Rooms	Seats	Employees	Machines	Professionals
		5		

For Vending Business Only		Vending Type:				
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

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Mailing Address:
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 FORT LAUDERDALE, FL 33309

Receipt # #MMW-20-00216639
Paid 07/02/2021 30.00

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: CHEN MOORE & ASSOCIATES INC **Receipt #:** 315-650
Business Name: CHEN MOORE & ASSOCIATES INC **Business Type:** (ENGINEER (CORP OFFICE (ENGINEERS)))

Owner Name: PETER MOORE **Business Opened:** 01/13/1987
Business Location: 500 W CYPRESS CREEK RD SUITE 630 LAUDERDALE, FL 33309
State/County/Cert/Reg: 3266 **Exemption Code:**

Business Phone: 954-730-0707

Rooms	Seats	Employees	Machines	Professionals
		1		

For Vending Business Only		Vending Type:				
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Signature

Receipt # #MMW-20-00216639
Paid 07/02/2021 30.00

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: CHEN MOORE AND ASSOCIATES INC **Receipt #:** 319-239935
Business Name: CHEN MOORE AND ASSOCIATES INC **Business Type:** (ALL OTHERS (LANDSCAPE ARCHITECT))

Owner Name: BEN CHEN **Business Opened:** 03/15/2011
Business Location: 500 W CYPRESS CREEK RD STE 630 LAUDERDALE, FL 33309
State/County/Cert/Reg: LC26000425 **Exemption Code:**

Business Phone: 954-730-0707

Rooms	Seats	Employees	Machines	Professionals
		5		

For Vending Business Only		Vending Type:				
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Signature

Receipt # #MMW-20-00216639
Paid 07/02/2021 30.00



RFQ #12622-926 Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465

Firm Qualifications and Experience

Stoner and Associates, Inc.

Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
 800HELPELA(435-7352) or (850) 488-2221

February 2, 2021

STONER & ASSOCIATES INC
 4341 SW 62ND AVE
 DAVIE, FL 33314

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB6633

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2023.

You are required to keep your information with the Board current. Please visit our website at www.fdot.org/fla.com to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

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

License No: **LB6633**
 Expiration Date: February 28, 2023

Professional Surveyor and Mapper Business License
 Under the provisions of Chapter 472, Florida Statutes

STONER & ASSOCIATES INC
 4341 SW 62ND AVE
 DAVIE, FL 33314

Nicole Fried
 NICOLE "NIKKI" FRIED
 COMMISSIONER OF AGRICULTURE

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

Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500
 800HELPELA(435-7352) or (850) 488-2221

February 2, 2021

JAMES D STONER
 STONER & ASSOCIATES INC 4341 SW 62ND AVE
 DAVIE, FL 33314-3426

SUBJECT: Professional Surveyor and Mapper License # LS4039

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2023.

You are required to keep your information with the Board current. Please visit our website at www.fdot.org/fla.com to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

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

License No: **LS4039**
 Expiration Date: February 28, 2023

Professional Surveyor and Mapper License
 Under the provisions of Chapter 472, Florida Statutes

JAMES D STONER
 STONER & ASSOCIATES INC 4341 SW 62ND AVE
 DAVIE, FL 33314-3426

Nicole Fried
 NICOLE "NIKKI" FRIED
 COMMISSIONER OF AGRICULTURE

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

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: STONER & ASSOCIATES INC
 Business Name: STONER & ASSOCIATES INC
 Business Type: ALL OTHERS (LAND SURVEYING)

Owner Name: JAMES D STONER
 Business Location: 4341 SW 62 AVE DAVIE
 Business Phone: 954-585-0997

Business Opened: 09/01/1988
 State/County/Cert/Reg: LS0004039
 Exemption Code:

Rooms	Seats	Employees	Machines	Professionals

Tax Amount	For Vending Business Only				Collection Cost	Total Paid
	Transfer Fee	NSF Fee	Penalty	Vending Type		
30.00	0.00	0.00	0.00	0.00	0.00	30.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

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

Mail Address:
 JAMES D STONER
 4341 SW 62 AVENUE
 DAVIE, FL 33314-3426

Receipt #: **RMW-20-0223025**
 Paid 07/14/2021 30.00

BROWARD COUNTY
 FLORIDA
 Office of Economic and Small Business Development

Governmental Center Annex
 115 S. Andrews Avenue, Room 4850 • Fort Lauderdale, Florida 33301 • 954-357-6000 • FAX 954-357-6074 • TTY 954-357-6664

This Certificate is Awarded to:
STONER & ASSOCIATES, INC.

County Business Enterprise (CBE)
 Anniversary Date: June 19th

Signature

A Division of the Office of Economic and Small Business Development of the Broward County Board of County Commissioners
 115 S. Andrews Avenue, Room 4850 • Fort Lauderdale, Florida 33301 • 954-357-6000 • FAX 954-357-6074 • TTY 954-357-6664
 A Division of the Broward County Board of County Commissioners
 www.broward.com

2021 - 2022

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: STONER & ASSOCIATES INC
 Business Name: STONER & ASSOCIATES INC
 Business Type: ALL OTHERS (LAND SURVEYING)

Owner Name: JAMES D STONER
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 Business Phone: 954-585-0997

Business Opened: 09/01/1988
 State/County/Cert/Reg: LS0004039
 Exemption Code:

Rooms	Seats	Employees	Machines	Professionals

Tax Amount	For Vending Business Only				Collection Cost	Total Paid
	Transfer Fee	NSF Fee	Penalty	Vending Type		
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Signature

Receipt #: **RMW-20-0223025**
 Paid 07/14/2021 30.00

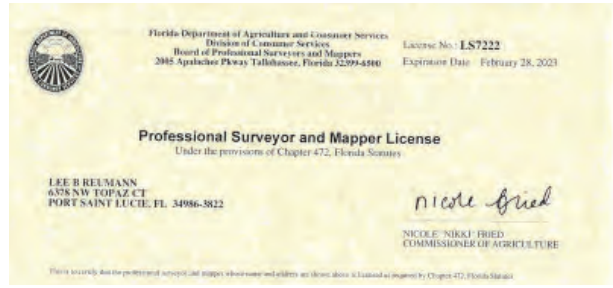
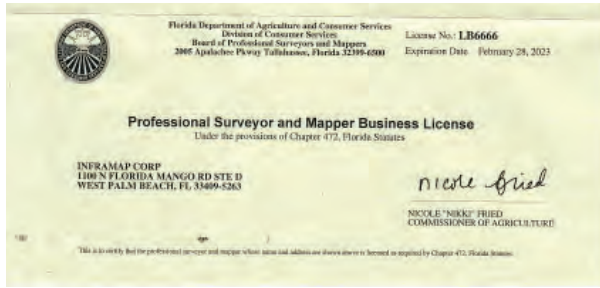
Firm Qualifications and Experience



RFQ #12622-926 Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465

CAM 22-0582
 Exhibit 3
 34 of 137

Infra Map Corp



Pan Geo Consultants, LLC



Paul Catledge, Manager
 PAN GEO CONSULTANTS, LLC
 8258 West SR 84
 Davie, Florida 33324

Dear Mr. Catledge:

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

- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.4.1 - Standard Foundation Studies

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. Your firm may pursue projects in the referenced work types with fees estimated at less than \$500,000.00. This status shall be valid until June 10, 2022 for contracting purposes.

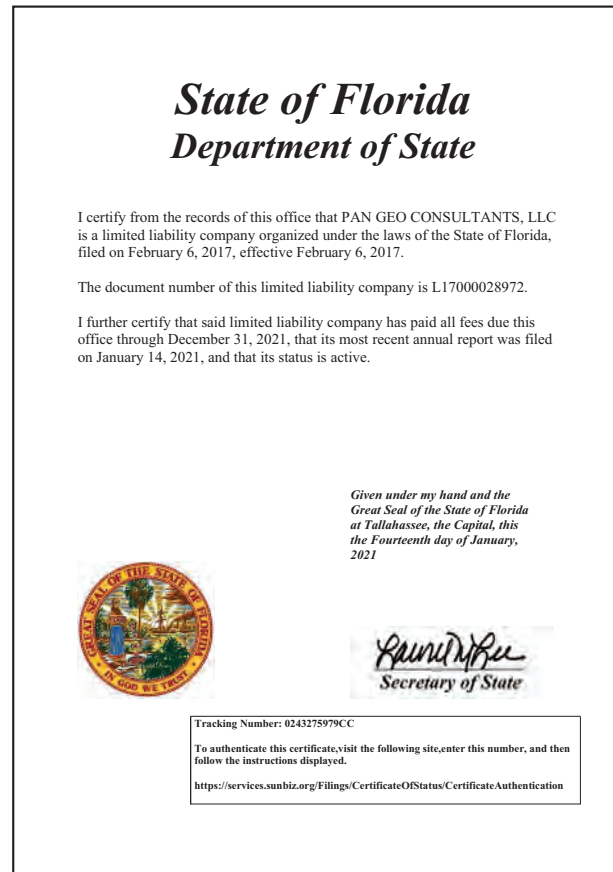
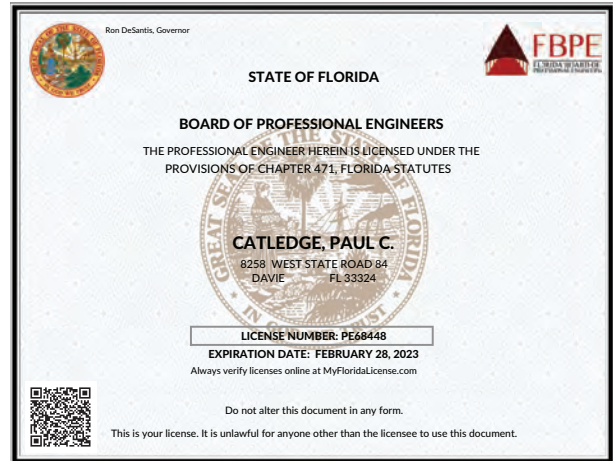
Should you have any questions, please feel free to contact me by email at carlayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,

Carliayn Kell
 Professional Services
 Qualification Administrator

CBHK/kw

Safety, Mobility, Innovation
www.fdot.gov



4.2.4 QUALIFICATIONS OF THE PROJECT TEAM

CMA has assembled a team of professionals and technicians with experience and expertise in the areas required to meet the goals and objectives of the City of Fort Lauderdale. We have all the professionals needed to provide a wide range of technical services to the City. For detailed information, please refer to our team’s resumes on the following pages.

Key Personnel



Peter Moore, P.E., F. ASCE, ENV SP, LEED AP is ultimately responsible for all day to day operations of the firm. Mr. Moore works as the Client Project Manager for work in Broward County, Pompano Beach and Deerfield Beach and continues to be involved in the successful completion of projects. These projects include sanitary collection improvements, pump station rehabilitation, transportation engineering enhancements, water and reclaimed water consulting along with all other phases of civil engineering design and neighborhood improvements. Finally, Mr. Moore serves on the firm’s QA/QC Committee ensuring the consistency of the quality product throughout the firm. Peter Moore will serve as Principal-in-Charge for this project.



Daniel Davila, P.E. will serve as the Project Manager who will oversee the overall development of the Project. Daniel was selected to manage this project after his extensive experience designing a variety of water and wastewater utility transmission and distribution systems. With over 20 years of experience as an engineer, Daniel has worked on thousands of linear feet of water and sewer utility infrastructure replacement projects. He has also been the project manager or Engineer of Record or Senior Engineer for more than 30 horizontal direction drill projects and large diameter pipelines in busy corridors, including thousands of linear feet of watermain and forcemain projects that range from 6” in diameter up to 54” transmission lines. He has worked on the design of several intracoastal crossings in Broward County that range from 14” to 48” in diameter. In addition, Daniel has worked in many Design-Build projects and Design Criteria Package projects for the City. He understands City requirements, methodology, and has a strong working relationship with City staff which allow to expedite the project while meeting City goals of high-quality standards. He is a graduate from the HDD Academy in Arizona State University.



Shahin Hekmat, P.E. is Director of Quality Assurance for CMA. He has over 32 years of experience in engineering design and project management related to public and private projects. He has served as the City Engineer for the City of Weston; Consulting Engineer for the Cities of Sunny Isles Beach, Dania-Beach, Lauderhill and North Lauderdale; and District Engineer for South Broward Drainage District, Indian Trace Development District, Bonaventure Development District and North Lauderdale Water Control District.

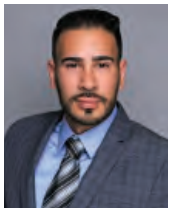
His primary areas of expertise are in stormwater management and drainage design, with concentration on watershed analysis and preparation of storm water facility reports and master plans. His design experience also includes roadway and land development projects; specifically design of water distribution systems, sanitary sewer collection and disposal systems, paving, grading, drainage systems and flood routing analysis, permitting, construction oversight, and project close-out. Mr. Hekmat has been involved in preparation of Environmental Resource Permits (ERP) and the approval process through SFWMD, FDEP, COE, and County for major land development projects in the South Florida area as well public facilities such as water, wastewater and reclamation plants, public works compounds, parks, hospitals, and roads. Shahin Hekmat will serve as QA/QC for this project.



David Castro, P.E. is a Senior Engineer with over 8 years of professional experience in the planning, design, permitting, and implementation of utility infrastructure, including several City of Fort Lauderdale important projects such as the recently installed Redundant 48” Forcemain in Bayview Drive and the Emergency 30” Forcemain on Sistrunk Boulevard. He has worked on many complex, large diameter pipe Design-Build projects and Design Criteria Package projects for the City. Mr. Castro has an expertise in trenchless technologies, and he is a graduate from the HDD Academy in Arizona State University. David Castro will serve as Senior Project Engineer for this project.



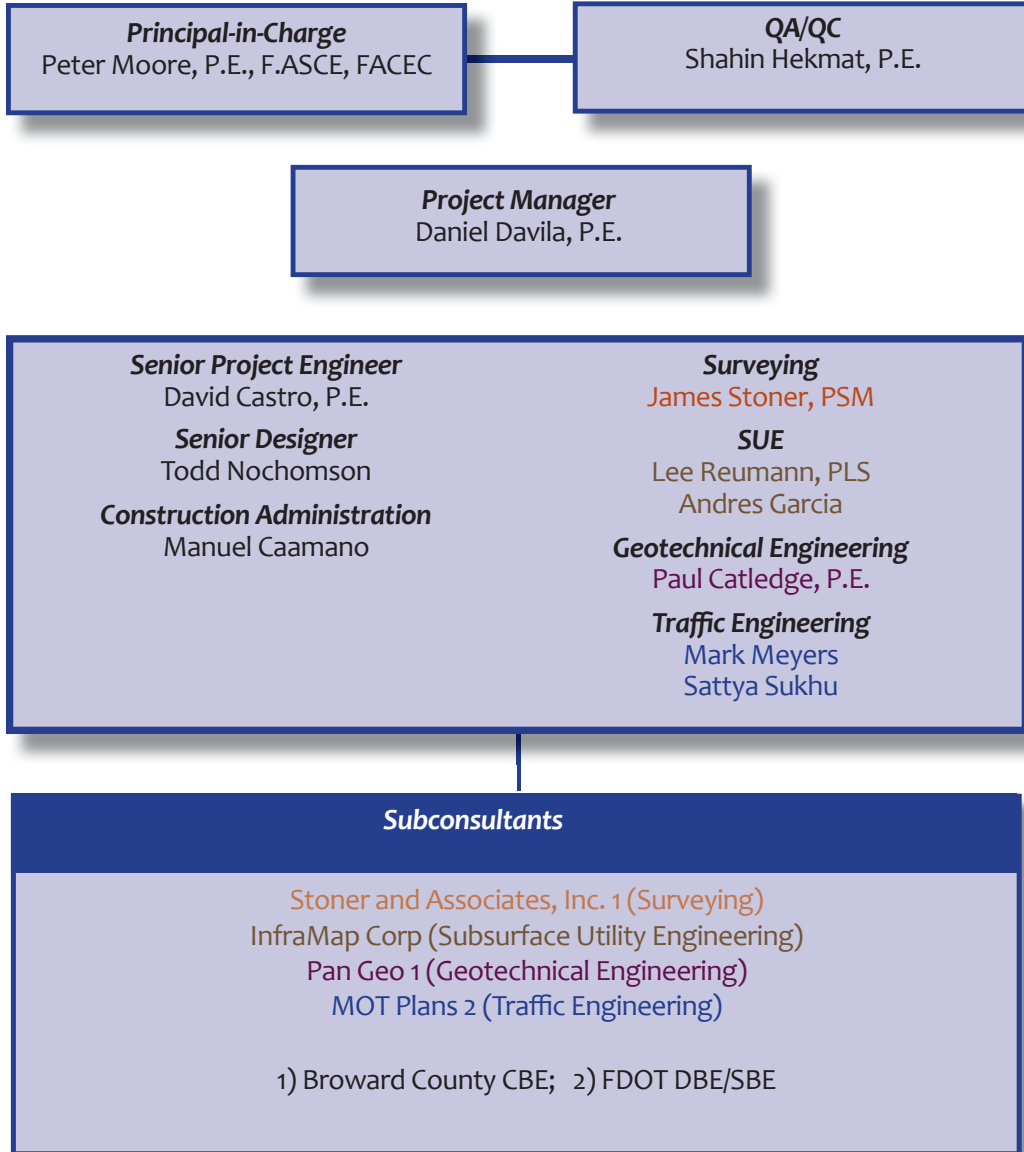
Todd Nochomson serves as CAD Manager and Senior Designer for CMA’s engineering team. He has over 30 years of experience in design of water and sewer infrastructure and has worked on dozens of large diameter pipeline projects. He has worked on several City of Fort Lauderdale projects including the most recent Redundant 48” Forcemain Line, the B4 Pump Station 28” Forcemain in Bayview Drive and the 30” Emergency Forcemain on Sistrunk Boulevard, all Design/Build projects for the City. Todd Nochomson will serve as Senior Designer for this project.



Manuel Caamano serves as CMA’s Construction Specialist with extensive experience with engineering construction projects in Florida. His responsibilities include coordination and monitoring of construction activities for public and private sectors, and site development for residential, commercial, and industrial use projects. He serves as liaison to owners, contractors, subcontractors, residents, and governmental agencies. He has worked on several City of Fort Lauderdale projects including the most recent Redundant 48” Forcemain Line, the B4 Pump Station 28” Forcemain in Bayview Drive and the 30” Emergency Forcemain on Sistrunk Boulevard, all Design/Build projects for the City. Manuel Caamano will serve as Construction Administrator for this project.



Organization Chart



Qualifications of the Project Team



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Daniel Davila, P.E.	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 22 b. WITH CURRENT FIRM 10	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Inc., Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Davila has experience on numerous private and public clients that range from residential developers, industrial developers, municipalities, federal agencies, hospitals, universities, and educational institutions. His experience includes extensive design of infrastructure improvements for the City of Fort Lauderdale, large diameter piping in busy urban corridors, several Design-Build projects for the City, Trenchless Technologies projects, HDD's and Design Criteria Package projects for the City. In addition he has experience with stormwater systems, water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, roadway design, and construction management. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Emergency Bypass 48" Forcemain Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 CONSTRUCTION <i>(If applicable)</i> 2022	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale's main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48" HDPE pipe with some ductile iron pipe sections. The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months. The project is a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant. Fee: \$1,432,500	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION <i>(If applicable)</i> 2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch. Fee: \$836,710; Cost: \$14 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> US 27 Watermain Design Criteria Package Pembroke Pines, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is the lead designer to prepare the Design Criteria Package (DCP) for the construction of approximately 16,000 linear feet of 14" watermain for the City of Pembroke Pines. The watermain extends from Sheridan Street to Griffin Road along US-27 and runs along Stirling Road and Sheridan Street in order to connect to the City's system. The project is part of the City's plan to loop their watermain infrastructure to improve water quality and efficiency. CMA is providing geotechnical engineering, surveying, environmental services, civil engineering and permitting services. Fee: \$113,650	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> TO-02 Bayshore Drive Intracoastal Crossing Forcemain (12389) Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2022 CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. CMA is preparing a Design Criteria Package for the City of Fort Lauderdale. The City owns and operates 4,420 linear feet of 18" diameter wastewater force main which includes 650 feet of subaqueous crossing under the Intracoastal Waterway. The forcemain conveys flow from Pumping Station D-40 and the surrounding area east to the intersection of Middle River Drive and NE 9th Street where it connects to a 48" diameter force main. CMA will provide permitting services, geotechnical investigations, bidding assistance, topographic and bathymetric survey, and services during construction. Fee: \$150,850	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> TO-01 South River Forcemain Crossing Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION <i>(If applicable)</i> 2020	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dir. Water and Sewer. CMA prepared the Design Criteria Package (DCP) for the South Middle River Force Main Crossing for the City of Fort Lauderdale, located along NE 19th Street / NE 21st Street between NE 22nd Avenue and Bayview Drive. The scope of work included preliminary design and permitting of approximately 2,200 LF of 16" HDPE sanitary sewer force main to replace the existing 12" cast iron pipe force main which is currently out of service. This project included approximately 1,410 LF of horizontal directional drill (HDD) of the 16" force main under the Middle River. CMA prepared the DCP and has permitted the HDD with Broward County, SFWMD, U.S. Army Corps of Engineers (ACOE), and FDEP. Fee: \$193,202; Cost: \$1.3 million	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Peter Moore, P.E., F.ASCE, FACEC	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE a. TOTAL: 24 b. WITH CURRENT FIRM: 22	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Inc., Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering Master of Engineering / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> As the President of the firm, Mr. Moore is ultimately responsible for all day-to-day operations of the firm. Mr. Moore works as the Client Project Manager for work in Broward County, Pompano Beach and Deerfield Beach and continues to be involved in the successful completion of projects. These projects include sanitary collection improvements, pump station rehabilitation, transportation engineering enhancements, water and reclaimed water consulting along with all other phases of civil engineering design and neighborhood improvements. Finally, Mr. Moore serves on the firm's QA/QC Committee ensuring the consistency of the quality product throughout the firm.			

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Engineer. CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch. Fee: \$836,710; Cost: \$14 million	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2018 CONSTRUCTION <i>(If applicable)</i> : 2018	
	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. (1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B (RFP No. R1356803P1) Lauderdale Lakes, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Engineer. The UAZ 113B project includes the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 350 acres and included the installation of 42,700 linear feet of gravity sewer, 1,500 linear feet of forcemain, and 66,200 linear feet of watermain. Fee: \$4,357,958; Cost: \$80 million (projects combined)	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2022 CONSTRUCTION <i>(If applicable)</i> : 2022	
	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 110/111 (RFP No. R1356803P1) Lauderdale Lakes, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Engineer. The UAZ 110/111 project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes and the City of Oakland Park, along with restoration of surface areas disturbed for the construction of the improvements. The project had a combined total area of 479 acres and included the installation of 57,400 linear feet of gravity sewer, 4,400 linear feet of forcemain, and 72,100 linear feet of watermain. Fee: \$11,171,568; Cost: \$80 million (projects combined)	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2022 CONSTRUCTION <i>(If applicable)</i> : 2022	
	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113A (RFP No. R1356803P1) Lauderdale Lakes, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Engineer. The UAZ 113A project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 207 acres and included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of forcemain, and 29,800 linear feet of watermain. The total project included 57,600 linear feet of pipe. Fee: \$2,139,971; Cost: \$80 million (projects combined)	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2022 CONSTRUCTION <i>(If applicable)</i> : 2022	
	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. (1) TITLE AND LOCATION <i>(City and State)</i> FKAA Cudjoe Regional Wastewater Collection Key West, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Engineer. CMA was the prime consultant designing this \$90 million design-build watermain replacement and sanitary sewer collection system that will convey sewage from four of the lower keys to a transmission force main and/or master lift station located along US1/Overseas Highway. The project includes replacement of 35,579 LF of 4" C-900 watermain, 21,831 LF of 6" C-900 watermain, and 205 LF of 8" C-900 watermain. The project - the single largest in terms of value and number of customers served ever undertaken by Monroe County - consists of wastewater service and water replacement to the islands of Ramrod Key, Lower Sugarloaf Key, Little Torch Key, and Big Pine Key. Fee: \$3,023,960; Cost: \$90 million	(2) YEAR COMPLETED PROFESSIONAL SERVICES: 2016 CONSTRUCTION <i>(If applicable)</i> : 2016	
	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Shahin Hekmat, P.E.	13. ROLE IN THIS CONTRACT QA/QC	14. YEARS EXPERIENCE	
		a. TOTAL 1	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
Chen Moore and Associates, Inc., Fort Lauderdale, FL

16. EDUCATION *(Degree and Specialization)*
Bachelor of Science / Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
FL / Professional Engineer

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Shahin Hekmat, P.E. is Director of Quality Assurance for CMA. He has over 32 years of experience in engineering design and project management related to public and private projects. His primary areas of expertise are in stormwater management and drainage design, with concentration on watershed analysis and preparation of storm water facility reports and master plans. His design experience also includes roadway and land development projects; specifically design of water distribution systems, sanitary sewer collection and disposal systems, paving, grading, drainage systems and flood routing analysis, permitting, construction oversight, and project close-out.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> West Avenue (North) RPR Services Miami Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC. CMA is providing construction administration services for the West Avenue (North) project in Miami Beach. CMA is providing preconstruction services including attendance, participation and input regarding value engineering options; attendance at preconstruction meetings for the project construction; review of shop drawings; attendance at weekly progress meetings during the preconstruction period of the project; and review and advisement of the project schedule during the preconstruction. CMA's construction engineering inspection services will include daily field observations; review and advisement of the project schedule during the construction period of the project; photographic records of daily activities within the daily reports; review of density and testing reports; review of delivery of items to the site; and issuance of noncompliance notices. Fee: \$656,100; Cost: \$72 million	PROFESSIONAL SERVICES 2025	CONSTRUCTION <i>(If applicable)</i> 2025
b.	(1) TITLE AND LOCATION <i>(City and State)</i> District 3C Water System Improvements and Septic Tank Elimination - Bid package 1 Broward County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC. CMA, as a subconsultant to Craven Thompson and Associates, Inc., is providing engineering and construction services necessary for design, permitting, bidding/award, inspection, surveying and testing for the installation of a Replacement Potable Water System and New Sanitary Sewer System to serve Utility Analysis Zones 357, 358, 359, 360, 361, 364, 365 and 366 in the District 3C Service Area in Broward County. The project involves replacing approximately 202,000 linear feet of existing water mains that are at the end of their design life and installing a new Sanitary Sewer System to eliminate septic tanks in UAZ's 357, 358, 359, 360, 361, 364, 365 and 366. Fee: \$1,306,338; Cost: \$6,569,783	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station 19 Force Main Replacement - Seacoast Utility Authority - PO 20210447-00 Palm Beach County, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC. CMA shall provide surveying and engineering services for the design, permitting, bidding, and construction administration of approximately 1,200 feet of 8-inch force main. The purpose of this force main is to replace the existing 8-inch asbestos cement (AC) force main from Lift Station 19 to a valve at the intersection of Laguna Drive and a canal. It is anticipated that the pipe will be installed via horizontal directional drill from Lift Station 19 west to the canal and installed via open cut running north along the canal bank. Fee: \$51,000	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
d.	(1) TITLE AND LOCATION <i>(City and State)</i> CMA19-11 Sample Road Subaqueous Water Main Crossing - Contract PNC2117097P1_1 - PO WWE2100053	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC. Broward County Water and Wastewater Services (BCWWS) retained a contractor to construct the District 2 Sample Road Water Main Aerial Crossing Project. CMA provided design and permitting services for the installation of a new subaqueous water main crossing along Sample Road over the Captain Knight Bayou Canal / South Grand Canal just west of NE 26th Avenue within the City of Lighthouse Point. The proposed water main was approximately 8 inches in internal diameter (ID). Fee: \$49,992.41	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
e.	(1) TITLE AND LOCATION <i>(City and State)</i> TOD 16-inch Water Main - University Drive Davie, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QA/QC. CMA will design the replacement of a 12-inch ACP water main to a 16-inch PVC water main, along the east side of University Drive between SW 33rd St and SW 24th St. The existing pipe will be abandoned in place. Services will include the planning and design services necessary to prepare all required construction documents for the proposed infrastructure improvements. The total watermain is approximately 3,500 linear feet and it will be installed on University Drive which is a 6-lane divided major arterial roadway. Fee: \$107,515.12	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME David Castro, P.E.	13. ROLE IN THIS CONTRACT Senior Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Inc., Fort Lauderdale, FL
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16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> PR / Professional Engineer; FL / Professional Engineer
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
David Castro, P.E. is a Senior Engineer with over 8 years of professional experience in the planning, design, permitting, and implementation of utility infrastructure, including several City of Fort Lauderdale important projects such as the recently installed Redundant 48" Forcemain in Bayview Drive and the Emergency 30" Forcemain on Sistrunk Boulevard. He has worked on many complex, large diameter pipe Design-Build projects and Design Criteria Package projects for the City. Mr. Castro has an expertise in trenchless technologies, and he is a graduate from the HDD Academy in Arizona State University.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch. Fee: \$836,710; Cost: \$14 million	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Emergency Bypass 48" Forcemain Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. CMA is responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale's main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48" HDPE pipe with some ductile iron pipe sections. The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months. The project is a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant. Fee: \$1,432,500	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2022
c.	(1) TITLE AND LOCATION <i>(City and State)</i> TO-02 Bayshore Drive Intracoastal Crossing Forcemain (12389) Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. CMA is preparing a Design Criteria Package for the City of Fort Lauderdale. The City owns and operates 4,420 linear feet of 18" diameter wastewater force main which includes 650 feet of subaqueous crossing under the Intracoastal Waterway. The forcemain conveys flow from Pumping Station D-40 and the surrounding area east to the intersection of Middle River Drive and NE 9th Street where it connects to a 48" diameter force main. CMA will provide permitting services, geotechnical investigations, bidding assistance, topographic and bathymetric survey, and services during construction. Fee: \$150,850	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> N/A
d.	(1) TITLE AND LOCATION <i>(City and State)</i> TO-01 South River Forcemain Crossing Ft Lauderdale, FL.	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. CMA prepared the Design Criteria Package (DCP) for the South Middle River Force Main Crossing for the City of Fort Lauderdale, located along NE 19th Street / NE 21st Street between NE 22nd Avenue and Bayview Drive. The scope of work included preliminary design and permitting of approximately 2,200 LF of 16" HDPE sanitary sewer force main to replace the existing 12" cast iron pipe force main which is currently out of service. This project included approximately 1,410 LF of horizontal directional drill (HDD) of the 16" force main under the Middle River. CMA prepared the DCP and has permitted the HDD with Broward County, SFWMD, U.S. Army Corps of Engineers (ACOE), and FDEP. Fee: \$193,202; Cost: \$1.3 million	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i> 2020
e.	(1) TITLE AND LOCATION <i>(City and State)</i> CMA19-03 NE 22 Avenue Force Main Replacement (Phase 1) - Broward County Project 104736 - Contract PNC2117097P1_1 Lighthouse Point, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. This project includes the installation of new force main along NE 22nd Avenue between NE 38th Street and NE 44th Street within the City of Lighthouse Point. The new force main along NE 22nd Avenue includes approximately 3,300 linear feet of 6-inch PVC force main, 200 linear feet of 20-inch PVC force main, and 1,200 linear feet of 16-inch PVC force main. CMA will provide construction services on behalf of Broward County Water and Wastewater Services (BCWWS). Fee: \$154,658.19	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Todd Nochomson	13. ROLE IN THIS CONTRACT Senior Designer	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION <i>(City and State)</i> Chen Moore and Associates, Inc., Fort Lauderdale, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Associate of Science / General Drafting		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Todd Nochomson serves as CAD Manager and Senior Designer for CMA's engineering team. He has over 30 years of experience in design of water and sewer infrastructure and has worked on dozens of large diameter pipeline projects. He has worked on several City of Fort Lauderdale projects including the most recent Redundant 48" Forcemain Line, the B4 Pump Station 28" Forcemain in Bayview Drive and the 30" Emergency Forcemain on Sistrunk Boulevard, all Design/Build projects for the City.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Designer. CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch. Fee: \$836,710; Cost: \$14 million	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Emergency Bypass 48" Forcemain Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Designer. CMA is responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale's main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48" HDPE pipe with some ductile iron pipe sections. The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months. The project is a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant. Fee: \$1,432,500	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2022
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Broward County UAZ 110/111 & 113 Water Sewer Improvements 113A (RFP No. R1356803P1) Lauderdale Lakes, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Designer. The UAZ 113A project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 207 acres and included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of forcemain, and 29,800 linear feet of watermain. The total project included 57,600 linear feet of pipe. Fee: \$2,139,971; Cost: \$80 million (projects combined)	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> 2022
d.	(1) TITLE AND LOCATION <i>(City and State)</i> TO-11 - P12352 - S. River Forcemain Crossing Design Review and CEI Services - Contract 466-11723-2 - PO PP171887-12 Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Designer. CMA prepared a design criteria package and performed construction engineering and inspection services for the City of Fort Lauderdale Public Works Department for the replacement and upsizing of approximately 1,860 linear feet of 12" sanitary sewer forcemain. The project included a 16" horizontal directional drill (HDD) under the South Middle River and upland open-cut installation along NE 19th Street from NE 22nd Avenue and NE 21st Street to Bayview Drive. Fee: \$98,709	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i> 2020
e.	(1) TITLE AND LOCATION <i>(City and State)</i> TO-02 Bayshore Drive Intracoastal Crossing Forcemain (12389) Ft Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Senior Designer. CMA is preparing a Design Criteria Package for the City of Fort Lauderdale. The City owns and operates 4,420 linear feet of 18" diameter wastewater force main which includes 650 feet of subaqueous crossing under the Intracoastal Waterway. The forcemain conveys flow from Pumping Station D-40 and the surrounding area east to the intersection of Middle River Drive and NE 9th Street where it connects to a 48" diameter force main. CMA will provide permitting services, geotechnical investigations, bidding assistance, topographic and bathymetric survey, and services during construction. Fee: \$150,850	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> N/A

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Manuel Caamano	13. ROLE IN THIS CONTRACT Construction Administration	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Chen Moore and Associates, Inc., Fort Lauderdale, FL			
16. EDUCATION (Degree and Specialization)		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Manuel Caamano serves as CMA's Construction Specialist with extensive experience with engineering construction projects in Florida. His responsibilities include coordination and monitoring of construction activities for public and private sectors, and site development for residential, commercial, and industrial use projects. He serves as liaison to owners, contractors, subcontractors, residents, and governmental agencies. He has worked on several City of Fort Lauderdale projects including the most recent Redundant 48" Forcemain Line, the B4 Pump Station 28" Forcemain in Bayview Drive and the 30" Emergency Forcemain on Sistrunk Boulevard, all Design/Build projects for the City.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B (RFP No. R1356803P1) Lauderdale Lakes, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Admin. The UAZ 113B project includes the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 350 acres and included the installation of 42,700 linear feet of gravity sewer, 1,500 linear feet of forcemain, and 66,200 linear feet of watermain. Fee: \$4,357,958; Cost: \$80 million (projects combined)	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 2022
b.	(1) TITLE AND LOCATION (City and State) Fort Lauderdale Forcemain Las Olas Phase II - Job No. 19FL016 Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Admin. The purpose of this project was to provide design-build services for the design, permitting, construction, testing, and startup of the Phase II Las Olas Boulevard Force Main Replacement. The project connects Pump Station D-37 on Lido Drive to the recently installed 16-inch force main that crosses under the Intracoastal Waterway. This proposed project included the installation of 16-inch high density polyethylene (HDPE) pipe under Las Olas Boulevard to connect Pump Station D-37 and Pump Station D-38 to the force main under the Intracoastal Waterway. CMA also performed dewatering calculations and obtained dewatering permits required due to challenging high water table only two feet below finished grade. CMA was responsible for all piping design, HDD calculations, MOT plans, permitting and certification. Fee: \$115,000	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing
c.	(1) TITLE AND LOCATION (City and State) Ft Lauderdale FM Rehab, HDD & Swageline (1-4) Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Admin. CMA was the prime consultant for the 30" Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues. The contract was divided into four phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch. Fee: \$836,710; Cost: \$14 million	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018
d.	(1) TITLE AND LOCATION (City and State) CMA19-05 NE 22nd Ave Force Main Phase 2 - Broward County Project 9347-104736 - Contract PNC2117097P1_1 - PO WWE2000045 Lighthouse Point, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Admin. CMA will provide design services and services during construction on behalf of Broward County Water and Wastewater Services for the installation of new force main along NE 39th Street between Federal Highway and NE 21st Way and NE 22nd Avenue from NE 21st Way to north of NE 41st Street. The new force main along NE 22nd Avenue and NE 39th Street includes the replacement of approximately 1,600 linear feet of 20-inch DIP force main. Fee: \$151,597.65	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing
e.	(1) TITLE AND LOCATION (City and State) CMA19-03 NE 22 Avenue Force Main Replacement (Phase 1) - Broward County Project 104736 - Contract PNC2117097P1_1 Lighthouse Point, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Construction Admin. This project includes the installation of new force main along NE 22nd Avenue between NE 38th Street and NE 44th Street within the City of Lighthouse Point. The new force main along NE 22nd Avenue includes approximately 3,300 linear feet of 6-inch PVC force main, 200 linear feet of 20-inch PVC force main, and 1,200 linear feet of 16-inch PVC force main. CMA will provide construction services on behalf of Broward County Water and Wastewater Services (BCWWS). Fee: \$154,658.19	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable) ongoing

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME		13. ROLE IN THIS CONTRACT		14. YEARS EXPERIENCE	
James D. Stoner, P.S.M.		Principal		a. TOTAL	b. WITH CURRENT FIRM
				50	30
15. FIRM NAME AND LOCATION <i>(City and State)</i>					
Stoner & Associates, Inc. - Davie, Florida					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
Palm Beach Community College Associates of Science in Land Surveying			State of Florida License Professional Surveyor and Mapper License No. LS4039		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>					
Florida Surveying and Mapping Society American Congress on Surveying and Mapping					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
City of Sunrise Municipal Complex City of Sunrise, Florida	2017	N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Surveyor - Prepared Boundary, Topographic, Tree and Utility Survey of 39.36 Acre City of Sunrise Municipal Complex.		
City of Sunrise Athletic Complex City of Sunrise, Florida	2017	N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Surveyor - Prepared Boundary, Topographic, Tree and Utility survey of 26.57 Acre Sunrise Athletic Complex Park.		
Lift Station 132 City of Sunrise, Florida	2016	N/A
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Surveyor - Prepared a sketch and legal description of utility easement for Lift Station No. 132 located at Springtree Drive and N.E. 97th Terrace.		
Cypress Bay Annex City of Sunrise, Florida	2017	N/A
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Surveyor - Prepared Boundary Survey of 10.37 Acre former school site now known as Cypress Bay Annex located at North New River Circle and Sanctuary Parkway.		
City Limits City of Sunrise, Florida	2017	N/A
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal Surveyor - Stake the city limit boundary line between City of Weston and City of Sunrise.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)



12. NAME Lee Brick Reumann, PLS	13. ROLE IN THIS CONTRACT Survey Manager	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)
InfraMap Corp., West Palm Beach, FL

16. EDUCATION (Degree and Specialization) BS – Geomatics, University of Florida, Gainesville, FL 2013	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Surveyor and Mapper # LS7222 Also holds PE licenses in the following states: GA, FL, VA, SC
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 American Society of Civil Engineers – Member
 American Society of Civil Engineers, Construction Institute – Member
 Utility Engineering and Surveying Institute - Member

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Flagler Memorial Bridge Project West Palm Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)

a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
 Serving as project manager, Mr. Reumann performed a highly accurate construction survey for a bridge crossing the intra-coastal. Survey efforts included establishing horizontal and vertical control (using closed loop traverse, RTK GPS, and closed loop leveling methods), calculating construction layout design points and structures using AutoCAD Civil3D, and obtaining as-builts throughout construction. Mr. Reumann coordinated with various subcontractors throughout the project to meet critical scheduling deadlines.

(1) TITLE AND LOCATION (City and State) City of Fort Lauderdale 48 Inch Force Main Emergency Project Fort Lauderdale, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)

b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
 For this multiphase emergency project, Mr. Reumann served as the project manager for the InfraMap team. InfraMap provided utility designating, and utility locating (test hole) service to the client for this project. A total of 89 utility test holes were excavated for the client, and final submittal of all deliverables were made on time and under budget.

(1) TITLE AND LOCATION (City and State) SR A1A Utility Designating and Test Hole Services Vero Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)

c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
 Serving as survey manager, Mr. Reumann led the InfraMap team to provide utility designating and test hole services along SR A1A in Vero Beach for this project. Approximately 8,000 LF of utilities were located and 75 utility test holes were performed for the client, including processing utility test holes, and delivering via FDOT standards. This project was completed on-time and on-budget.

(1) TITLE AND LOCATION (City and State) BCWWS District 3C (20-0011-001-01) SUE Services Pompano Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)

d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
 Serving as survey manager, Mr. Reumann led the InfraMap team to provide utility designating and test hole services in the Pembroke Pines area of Broward County. The InfraMap team completed air/vacuum excavation on 125 test holes for this multiphased project, which was recently delivered to the client on time and under budget.

(1) TITLE AND LOCATION (City and State) Palm Beach County Water Utilities Water Main Replacement/Relocation Projects Palm Beach County, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)

e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm
 Serving as project manager, Mr. Reumann performed several large route surveys for engineering design (several miles of water main replacement and/or relocation). Survey efforts included establishing horizontal and vertical control (using closed loop traverse, RTK GPS, and closed loop leveling methods), collecting field data, processing data using AutoCAD Civil3D, creating digital terrain models using AutoCAD Civil3D, depicting right-of-way locations, obtaining as-builts during construction, and preparing record drawings.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)



12. NAME Andres Mauricio Garcia	13. ROLE IN THIS CONTRACT SUE Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 21

15. FIRM NAME AND LOCATION (City and State)
InfraMap Corp., West Palm Beach, FL

16. EDUCATION (Degree and Specialization)
Associates in Science, Palm Beach State College, Palm Beach, FL

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
ATSSA, Traffic Control Supervisor Certification Confined Space Entry Training Program Certification (OSHA 1910.146)
FUCC Utility Coordination Discussion Seminar CSX Roadway Worker Protection Annual Certification

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Southport Backbone 24" Force Main Port St. Lucie, Florida	2019	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Serving as SUE project manager, Mr. Garcia led the InfraMap field crews as they performed utility designating and air/vacuum utility test hole services for this project, which identified the need to reduce force main pressures on the existing 12" line and replace the line with a 24" force main. InfraMap crews targeted over 30,000 LF of utilities and excavated 50 air/vacuum utility test holes for this project.		
City of Fort Lauderdale 48 Inch Force Main Emergency Project Fort Lauderdale, Florida	2020	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm For this multiphase emergency project, Mr. Garcia served as the field project manager for the InfraMap team. InfraMap provided utility designating, and utility locating (test hole) service to the client for this project. A total of 89 utility test holes were excavated for the client, and final submittal of all deliverables were made on time and under budget.		
City of Hollywood Water Main Replacement Program Hollywood, Florida	2020	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Serving as SUE project manager, Mr. Garcia lead the InfraMap field crews to provide utility designating and utility test hole services for this project. Approximately 20,000 LF of utilities were located and 31 utility test holes were excavated, processed, and delivered to client using FDOT standards for this project. This project was completed on time and under budget.		
BCWWS District 3C (20-0011-001-01) SUE Services Pompano Beach, Florida	2021	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Serving as SUE project manager, Mr. Garcia led our team to perform utility designating and test hole services in the Pembroke Pines area of Broward County. The InfraMap team completed air/vacuum excavation on 125 test holes for this multiphased project, which was delivered to the client on time and under budget.		
FDOT District 6 District-Wide Utility Locating Services Contract District 6, Florida	2018	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Serving as SUE project manager, Mr. Garcia led the InfraMap team to perform utility designating, air/vacuum test holes, survey and EFB/CAiCE/MicroStation CADD services on highway projects in District 6 in support of the District's pre-design program.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Paul C. Catledge, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Pan Geo Consultants, LLC / 8258 W SR 84, DAVIE, FL, 33324			
16. EDUCATION (Degree and Specialization) Louisiana State University, Baton Rouge, LA B.S. Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer - Florida #68448	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASCE, FES, FES Broward County Technical Award 2014			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
New Redundant Bypass Line, Fort Lauderdale, FL	2020	2021
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Installation of new sewage line. Geotechnical engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Ft. Lauderdale Water Mains Phases 1-4, Ft Lauderdale, FL	2017	2018
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New force mains to be installed via directional drilling at SW 7th Ave, SW 2nd St, Sistrunk Blvd, NW 9th Ave in Ft. Lauderdale. Geotechnical engineer.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Sun Recycling, Davie, Florida	2017	2018
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New paving and metal structures. Site previously excavated and replaced with uncontrolled fill. Geotechnical engineer and construction materials testing.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
North Miami Winson Water Treatment Plant Rehabilitation, North Miami, FL	2013	2014
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sodium hypochlorite facility, aerator, and two story administration building which will be located partially over the footprint of an existing water storage tank. Geotechnical engineer.		
<input type="checkbox"/> Check if project performed with current firm		
City of Hollywood Additional Finished Water Storage Tank, Hollywood, FL	2012	2013
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Two (2) 2.5 M.G. storage tanks. The tanks have diameters of approximately 130 feet and a height of 25 to 30 feet. In addition, one (1) pump station was constructed between the two tanks. Geotechnical exploration and construction monitoring.		
<input type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mark Meyers	13. ROLE IN THIS CONTRACT Senior Manager	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> MOT Plans			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Business Administration		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mark Myers is a senior manager in which acquired expertise, creative talents and commitment to excellence will have valuable application.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> MOT Plans Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Co-owner. • Used expertise to drive sales • decreased expenses by 10%; Increased sales by 25%	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Bob's Barricades Miami, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE South Florida Manager. • Increased branch sales from \$1.8 to \$4.2 million • Managed a staff of 20 • Implemented company website to help drive sales	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c.	(1) TITLE AND LOCATION <i>(City and State)</i> JC Penney Pompano Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Merchandise Manager. • Completed training program in a rapid time frame • Increased sales by 20% in the young men's division • Brought in new labels which drove sales	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sattya Sukhu	13. ROLE IN THIS CONTRACT Senior Manager	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 9
15. FIRM NAME AND LOCATION <i>(City and State)</i> MOT Plans			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science / Finance		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Sattya Sukhu is a senior manager with extensive experience in customer service as well as employee training, budgeting and new customer acquisitions.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> MOT Plans Fort Lauderdale, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Co-owner. Manage Accounts payable and Accounts Receivables • New customer acquisitions • Payroll • Interfaced with local planning, operating, finance, and legal organizations to meet local requirements and create positive relationship with community and civic leaders.	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input checked="" type="checkbox"/> Check if project performed with current firm			
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Squeezy Clean Oakland Park, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE General Manager. Manage Accounts payable and Accounts Receivables • Schedule of employees and payroll • Repairs and maintenance of machinery • Training of new employees	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> Check if project performed with current firm			
c.	(1) TITLE AND LOCATION <i>(City and State)</i> JC Penney Pompano Beach, FL	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Merchandise Manager. Schedule of employees and new hire training • Purchasing and pricing of new inventory • Implementing new clothing line presentation	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input type="checkbox"/> Check if project performed with current firm			
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input checked="" type="checkbox"/> Check if project performed with current firm			
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<input checked="" type="checkbox"/> Check if project performed with current firm			

The following pages include detailed descriptions of CMA’s largest projects within the last five years which are primarily related to utilities engineering.

Broward County Utility Area Zone (UAZ) Water & Sewer Projects: UAZ 113B, UAZ 110/111, and UAZ 113A, Broward County, FL

Client: Broward County

Contact: Patrick McGregor, Expansion Project Administrator

Address: 2555 West Copans Road, Pompano Beach, FL 33069

Telephone: (954) 831-0904

Contract Term: 2016 - 2018

Prime or Subconsultant: CMA was the Prime Consultant.

Result of the Project: Currently under construction.

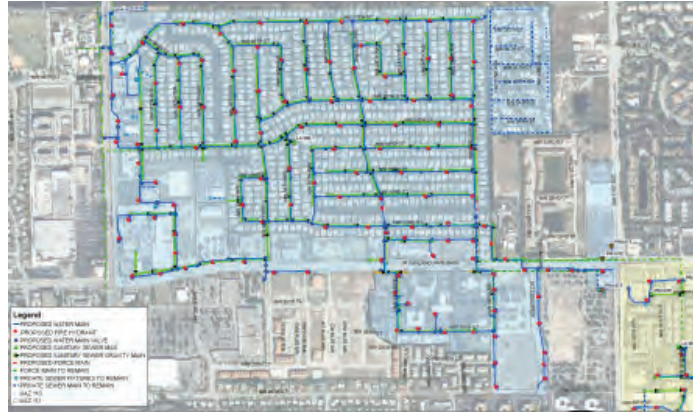
Description of Work: The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. All projects combined a total area of over 1000 acres within multiple Cities. The existing system being replaced consists of approximately 168,100 LF of water mains, 122,100 LF of sanitary sewer mains, and 11,700 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 24” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 15” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6” – 16” in diameter size. There are 8 Broward County lift stations in these UAZ areas and 1 private lift station which sanitary sewer systems will need to connect to. Two of these stations will need rehabilitation/replacement. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is scheduled to be completed on time and within budget. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project will include the improvements to the existing water distribution system, sanitary sewer system, and transmission systems within the project area along with the restoration of surface areas disturbed for the construction of said improvements. CMA is currently providing CEI services for the project. This project was broken down into 3 phases as follows:



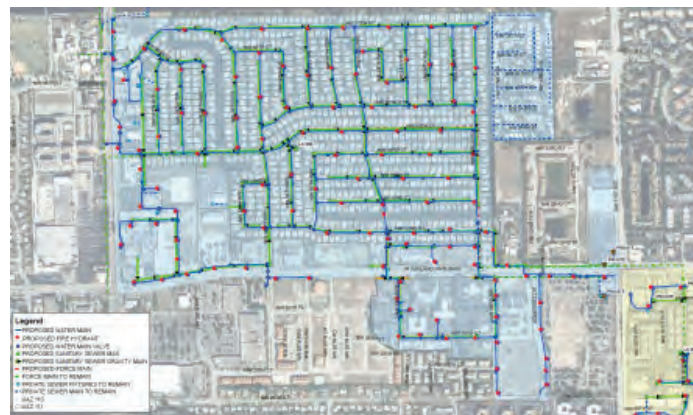
Qualifications of the Project Team



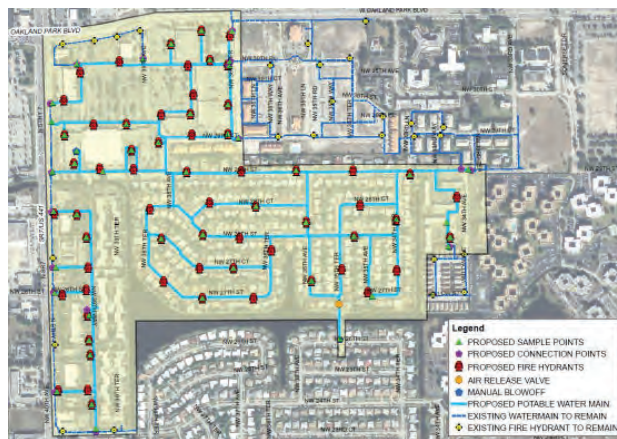
- **Broward County UAZ 113B:** The project included the installation of 42,700 linear feet of gravity sewer, 1,500 linear feet of forcemain, and 66,200 linear feet of watermain. The total project included 110,400 linear feet of pipe.



- **Broward County UAZ 110/111:** The project included the installation of 57,400 linear feet of gravity sewer, 4,400 linear feet of forcemain, and 72,100 linear feet of watermain. The total project included 133,900 linear feet of pipe.



- **Broward County UAZ 113A:** The project included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of forcemain, and 29,800 linear feet of watermain. The total project included 57,600 linear feet of pipe.



City of Fort Lauderdale 30” Forcemain Rehabilitation, HDD & Swageline (Phases 1-4), Fort Lauderdale, FL

Client: Murphy Pipeline Contractors, Inc.

Contact: Richard Crow, Construction Manager

Address: 12235 New Berlin Road, Jacksonville, FL 32226

Telephone: (954) 842-4771

Contract Term: 2017 - 2018

Prime or Subconsultant: CMA was a subconsultant to Murphy Pipeline Contractors as part of the Design/Build Team as the Lead Designer.

Result of the Project: Completed on time. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch and the Engineering Excellence Honor Award from The American Council of Engineering Companies of Florida (ACEC-FL).

Description of Work: This was an emergency project for the City of Fort Lauderdale which involved the replacement and rehabilitation of a 30” forcemain transmission line and construction of new segments of 30” forcemain. The project was executed via Design-Build and CMA was the lead designer under Murphy Pipeline Contractors. CMA was the lead designer and was responsible for all design aspects, plans, specifications permitting, surveying, environmental permitting, construction observation and certification. This project was broken down into four phases.

- **City of Fort Lauderdale 30” Forcemain Replacement**

- **Phase 1 (Subaqueous Crossing):** The scope of the project consisted on construction of approximately 3,400 linear feet of 30” forcemain. The installation comprised of approximately 700 linear feet of Horizontal Directional Drill (HDD) under Tarpon River which are federal waters of the United States, installation of approximately 750 linear feet of open cut, and approximately 1,950 linear feet of swagelining. The construction took place in high end residential neighborhood which required close coordination with the contractor and the City of Fort Lauderdale. The route for the project within the City of Fort Lauderdale is as follows: Swagelining starting at SW 4th Street south along SW 8th Avenue (Charley Avenue), turning east on SW 4th Court (Coontie Court) to SW 7th Avenue (Cooley Avenue); HDD south from the intersection of Coontie Court and Cooley Avenue, under the existing canal to SW 6th Street; open cut installation along SW 6th Street to SW 6th Avenue; Swage lining from intersection of SW 6th Street to SW 6th Avenue south to SW 7th Street and then to the east from SW 6th Avenue to SW 5th Avenue along SW 7th Street. The project required permitting through the City Environmental Protection Department, Broward County Water Management District and the Army Corps of Engineers utility in federal waters.



- **City of Fort Lauderdale 30” Forcemain Replacement**

- **Phase 2 (Downtown):** The scope of the project consisted on construction of approximately 1,650 linear feet of 30” forcemain in a highly urbanized area of downtown Fort Lauderdale. The installation comprised of approximately 1400 linear feet of Horizontal Directional Drill (HDD) and approximately



Qualifications of the Project Team



250 linear feet of open cut 30” PVC. The route for the project within the City of Fort Lauderdale is as follows: From SW 4th Avenue to SW 8th Avenue on SW 2nd Street which is a busy collector for the City with businesses and the Broward Center for the Performing Arts located within the project limits. The project required permitting through the City of Fort Lauderdale, Broward County Environmental Protection Department, Broward County Health Department, South Florida Water Management District, Broward County Highway Construction and Engineering Division and Broward County Traffic Engineering Division. In addition, the project was within a quarter mile of contaminated sites and special permitting and calculations were performed to provide assurances that the construction would not adversely impact the plume.

- **City of Fort Lauderdale 30” Forcemain Replacement - Phase 3 (Sistrunk Boulevard):**

The scope of the project consisted on construction of approximately 6,300 linear feet of 30” forcemain in a highly dense mixed-use area along one Sistrunk Boulevard which is one of the major City collector roads. The installation comprised of approximately 6,100 linear feet of Horizontal Directional Drill (HDD) to be installed utilizing 2 bores and approximately 200 linear feet of open cut 30” PVC. The construction required coordination with regulatory agencies, utility providers and Broward County for the closure and/or relocation of bus stops. The route for the project within the City of Fort Lauderdale is as follows: From NW 4th Avenue to NW 19th Avenue on NW 6th Street (Sistrunk Blvd.).



The project required permitting through the City of Fort Lauderdale, Broward County Environmental Protection Department, Broward County Health Department, South Florida Water Management District, Broward County Highway Construction and Engineering Division and Broward County Traffic Engineering Division. In addition, the project was within a quarter mile of contaminated sites and special permitting and calculations were performed to provide assurances that the construction would not adversely impact the plume.

- **City of Fort Lauderdale 30” Forcemain Replacement - Phase 4 (NW 5th Street and NW 9th Ave.):**

The scope of the project consisted on construction of approximately 8,150 linear feet of 30” forcemain in a highly dense mixed-use area mainly along NW 5th Street and NW 9th Avenue. The installation comprised of approximately 1,100 linear feet of Horizontal Directional Drill (HDD) to be installed utilizing 2 bores, approximately 300 linear feet of open cut 30” PVC and 6,750 linear feet of swagelining. The construction required coordination with regulatory agencies, utility providers, and Broward County for the closure and/or relocation of bus stops. The route for the project within the City of Fort Lauderdale is as follows: Beginning at the intersection of NW 6th Street and NW 19th Avenue, continue south on NW 19th Avenue until to NW 5th Street, continue west to NW 9th Avenue, then south to SW 2nd Street, and east to SW 2nd Avenue.



The project required permitting through the City of Fort Lauderdale, Broward County

Environmental Protection Department, Broward County Health Department, South Florida Water Management District, Broward County Highway Construction and Engineering Division and Broward County Traffic Engineering Division. In addition, the project was within a quarter mile of contaminated sites and special permitting and calculations were performed to provide assurances that the construction would not adversely impact the plume. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch and the Engineering Excellence Honor Award from The American Council of Engineering Companies of Florida (ACEC-FL)

**City of Fort Lauderdale Emergency Bypass 48”
Forcemain, Fort Lauderdale, FL**

Client: Murphy Pipeline Contractors, Inc.

Contact: Richard Crow, Construction Manager

Address: 12235 New Berlin Road, Jacksonville, FL 32226

Telephone: (954) 842-4771

Contract Term: 2020-2021

Prime or Subconsultant: CMA was a subconsultant to Murphy Pipeline Contractors as part of the Design/Build Team as the Lead Designer.

Result of the Project: The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months, and currently in construction. (ACEC-FL).

Description of Work: CMA is responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale’s main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48” HDPE pipe with some ductile iron pipe sections. The project route includes sensitive ecosystems including the crossing of South Middle River which require Benthic surveys for the subaqueous crossing, dewatering calculations, and permitting for construction within a quarter mile of contaminated areas with high-water table being close to the coastline. Crossing of the intracoastal (US Federal Waters) requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine (9) jurisdictional agencies for this project. The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months. The project is a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant.



South County Reclaimed Water Transmission Pipeline Phase 1A, Palm Beach County Water and Utilities Department, FL

Client: Palm Beach County Water Utilities Department
Contact: John Visconti, Project Manager
Address: 8100 Forest Hill Boulevard, West Palm Beach, FL 33413
Telephone: (954) 846-0401

Contract Term: 2017-2020 Design, Construction has not started

Prime or Subconsultant: CMA was the Prime Consultant.

Result of the Project: The project design is completed, but has not started construction.

Description of Work: Palm Beach County and Broward County have an Interlocal Agreement related to the construction, ownership, operation, and maintenance of a Regional Reclaimed Water System to deliver reclaimed water from Broward County’s northern wastewater treatment plant to the Palm Beach County Water Utilities Department (WUD) service area. The service initiation to Palm Beach County will be 2 MGD of annual average daily flow by April 2021.



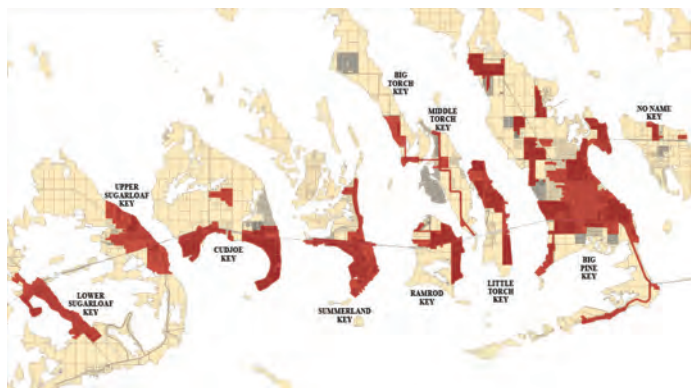
CMA has completed the design for this project. Detailed construction documents and related permits were provided to allow the construction of approximately 3.7 miles (19,500 linear feet) of reclaimed water pipeline and related facilities to be completed and placed into service before April 2021. The design included pipe of various size and material, with the transmission main being 24-inch ductile iron pipe and the service lines varying from 10-inch to 12-inch, with some sections designed to use C-900 PVC due to corrosion potential. The design also included a 500 linear-foot horizontal directional drill to cross Glades Road and a private lake.

Preliminary field investigations included as-built records review, site investigation, and photo study; environmental assessments; subsurface utility engineering; geotechnical investigation; a cultural resources investigation; and survey. The design included lake discharge facilities to meet irrigation demand at each golf course being served. The permitting process required a Hillsboro Canal Crossing with the South Florida Water Management District (SFWMD), permitting for impacts to County roads, permitting for impacts to trees and wellfields, permitting of reclaimed pipeline, and permitting for dewatering during construction. In addition to design, permitting, and construction services, CMA will be applying for ENVISION Certification (Institute for Sustainable Infrastructure) on behalf of Palm Beach County.

FKAA Cudjoe Regional Wastewater Collection, Lower Keys, FL

Client: Florida Keys Aqueduct Authority (FKAA)
Contact: Marnie Walterson, Utility Design Supervisor
Address: 1100 Kennedy Drive, Key West, FL 33040
Telephone: (305) 295-2154

Contract Term: 2012-2018
Prime or Subconsultant: CMA was the Prime Consultant.



Qualifications of the Project Team



Result of the Project: The project was completed in 2016.

Description of Work: CMA was the prime consultant designing this \$90 million design-build watermain replacement and sanitary sewer collection system that will convey sewage from four of the lower keys to a transmission force main and/or master lift station located along US1/ Overseas Highway. The project includes replacement of 35,579 LF of 4" C-900 watermain, 21,831 LF of 6" C-900 watermain, and 205 LF of 8" C-900 watermain. The project – the single largest in terms of value and number of customers served ever undertaken by Monroe County – consists of wastewater service and water replacement to the islands of Ramrod Key, Lower Sugarloaf Key, Little Torch Key, and Big Pine Key. The wastewater collection system includes approximately 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations that serve approximately 4,500 customers. The transmission system consists of four master pump stations and PVC and HDPE pipeline laid along US1. The project requires close coordination with the local, state, and federal permitting agencies. CMA participated in neighborhood meetings to explain to the residents the scope of work.

Broward County UAZ 314, 316, 318 Bid Packs, Broward County, FL

Client: Broward County

Contact: Patrick McGregor, Expansion Project Administrator

Address: 2555 West Copans Road, Pompano Beach, FL 33069

Telephone: (954) 831-0904

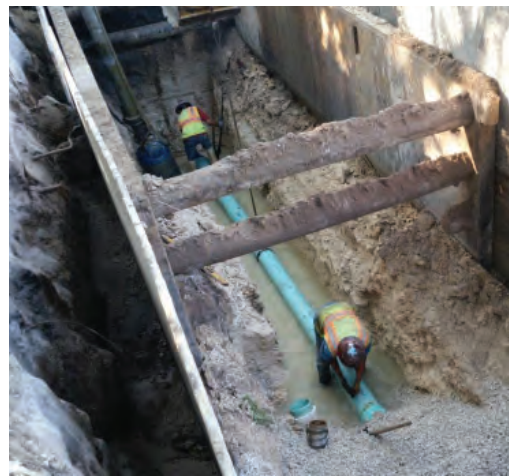
Contract Term: 2008-2017

Prime or Subconsultant: CMA was the Prime Consultant.

Result of the Project: The project was completed in 2016.

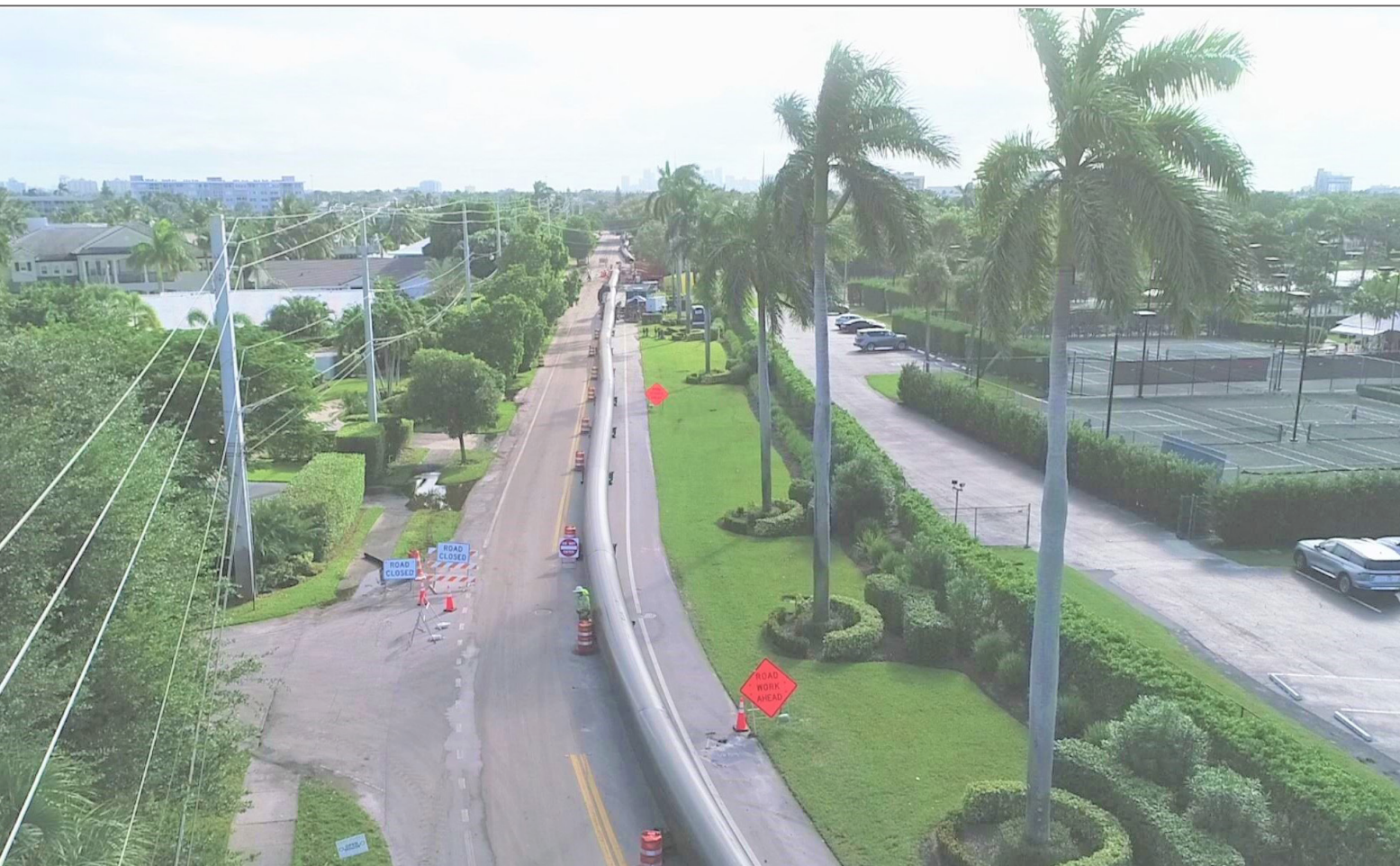
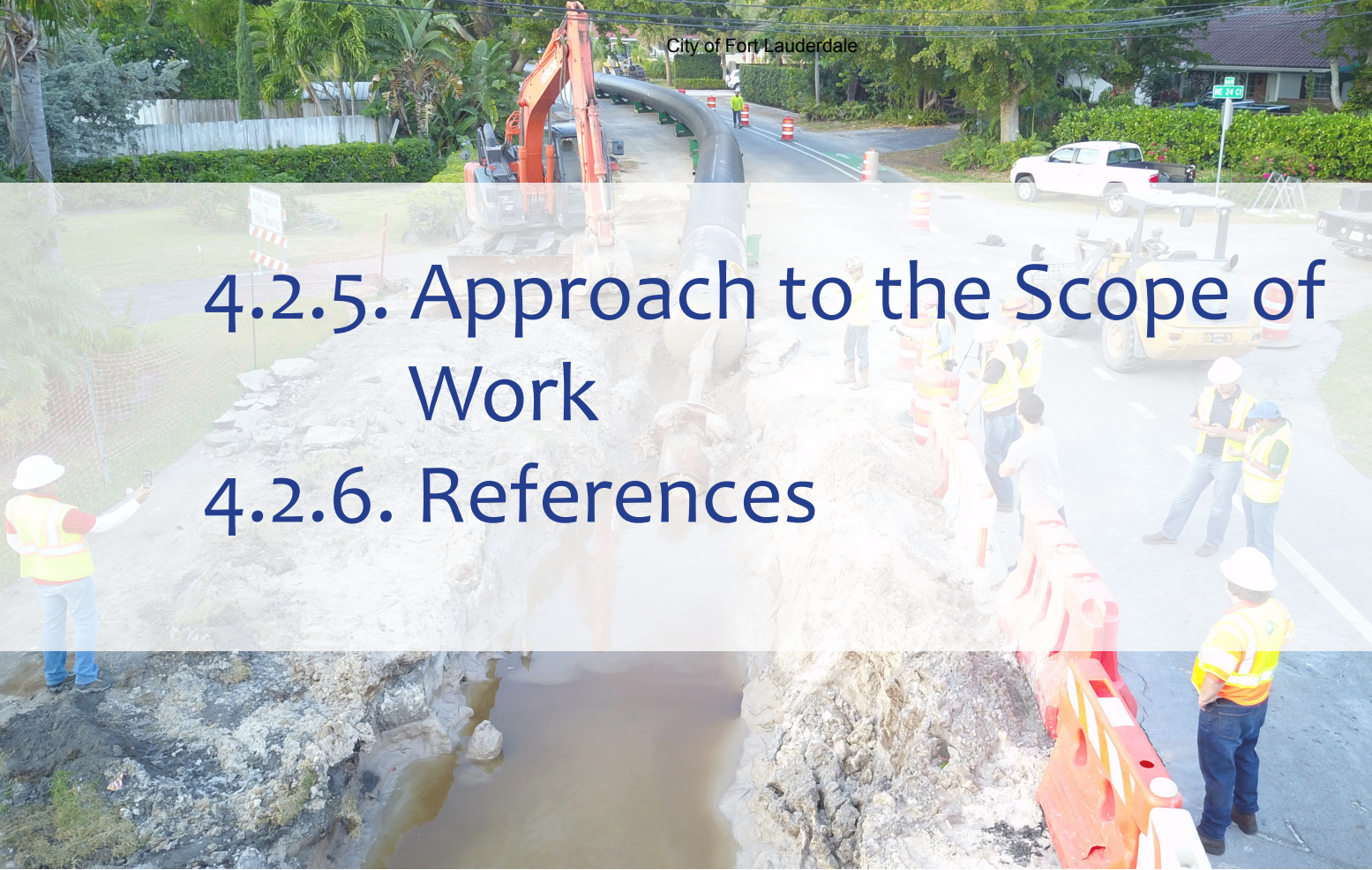
Description of Work: CMA The Broward County UAZ 314, 316 and 318 project was part 1 of what was projected to

be an \$8.8 million project replacing existing water and providing sanitary sewer for County Service Areas in the City of Dania Beach, just east of State Road 7, north and south of Griffin Road. The main technical components included replacing 12-inch water mains on County roads, replacing the residential water distribution system, providing sanitary sewer systems to eliminate existing septic tanks, and rehabilitating or installing new lift stations. In order to obtain the necessary information, site visits concentrated on contacting residents to determine the location of existing tanks. A great deal of coordination was required to accommodate developer projects, tie into County projects and obtain easements for crossing private properties. GIS was used to keep track of all ongoing projects, log pertinent site information, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities. The design of these improvements began in January 2009 and construction has been completed. CMA also performed construction administration for this project.



4.2.5. Approach to the Scope of Work

4.2.6. References



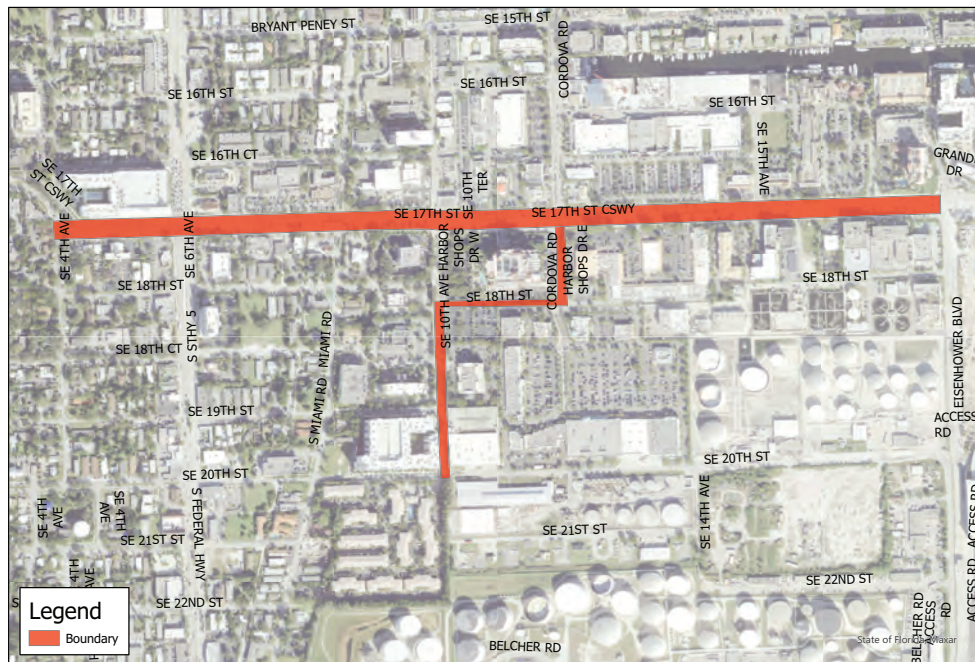
4.2.5 APPROACH TO SCOPE OF WORK

Approach to Scope of Work

Provide in concise narrative form, your understanding of the City’s needs, goals and objectives as they relate to the project, and your overall approach to accomplishing the project. Give an overview on your proposed vision, ideas and methodology. Describe your proposed approach to the project. As part of the project approach, the firm shall propose a scheduling methodology (timeline) for effectively managing and executing the work in the optimum time. Also provide information on your firm’s current workload and how this project will fit into your workload. Describe available facilities, technological capabilities and other available resources you offer for the project.

Project Summary

The 17th Causeway Large Watermain Replacement project consists in the replacement of approximately 6,400 linear feet of 10-inch and 12-inch watermain with new 12-inch and 24-inch watermain pipe along 17th Street Causeway and Cordova Street. This area is one of the busiest corridors in the City of Fort Lauderdale with a large volume of businesses, residences and recreational buildings in the area. In addition, 17th Street Causeway is one of the most important FDOT roadways leading into Fort Lauderdale beach and is subject to daily heavy traffic by both residents and tourists alike. The 17th Street Causeway is also along the Broward County Convention Center, Eisenhower Boulevard leading into the Fort Lauderdale Port, and the Intracoastal draw bridge. In addition, the project will also require the crossing of US-1.



Project Boundaries

Approach to Scope of Work

CMA performed site visits to assess and become familiar with the existing conditions, and to understand the project challenges. The project limits are along major corridors with roadways between one to three lanes in each direction and turning lanes at intersections, local streets, community/plaza entrances and exits. Our team have identified several important aspects that need to be addressed in this project. Some of the most pressing challenges that will be addressed in our project approach include:



CMA has put together a team of experienced and well qualified local professionals that have experienced on similar projects. Our teaming partners include Stoner and Associates, Inc. for topographical survey of the existing conditions, PanGeo for geotechnical investigation, InfraMap for Subsurface Utility Exploration (S.U.E.) and MOT Plans for Maintenance of Traffic consultation. This is the same team that CMA has led on previous successful projects for the City of Fort Lauderdale such as the Redundant 48” Forcemain, 30” Emergency Forcemain and Las Olas Phase II Forcemain Replacement. In addition, the CMA team has performed several DCP projects with the same teaming partners.

The CMA team understands the importance of this project to the City, and we understand that successful implementation of utility improvements greatly benefit the residents in the City. CMA has performed several difficult utility installations, including directional drill designs in the past such as a 20” water main along State Road 7 in the City of Plantation for Broward County Water and Wastewater Services, a 48” drill under the Florida’s Turnpike, and the most recent the 48” force main for the City of Fort Lauderdale on Bayview Drive which also ran across Sunrise Boulevard, US-1 and Oakland Park Boulevard, all major corridors within Broward County.

CMA has selected key individuals of our company to lead this project team. **Peter Moore, P.E., ENV SP, F.ASCE, LEED AP** will serve as the principal-in-charge who will oversee and monitor the team. CMA has selected **Daniel Davila, P.E.** to serve as the project manager who will act as the project manager that will oversee the overall development of the project. Mr. Davila was selected to manage this project after his extensive experience in HDD design. He has been the Engineer of Record and Senior Engineer for over 40 Directional Drills of up to 48 inches in diameter and 3,500 in length.

Approach to Scope of Work

Project Approach

CMA has extensive past project experience similar to the scope of work for this project. The bulk of our past project experience has focused on infrastructure improvement projects for various municipalities throughout the South Florida area. Some of our recent relevant project experience includes:

Project Name	Scope	Project Type	Owner
Emergency Forcemain Rehabilitation	22,000 lf of 30" Forcemain - HDD, open cut and swageline	Design Build (DBF)	Fort Lauderdale
Redundant Forcemain Transmission Line	23,000 lf of 48" Forcemain - HDD and open cut	Design Build (DBF)	Fort Lauderdale
B-4 PS Forcemain Replacement	5,100 lf of 28" Forcemain - HDD and open cut	Design Build (DBF)	Fort Lauderdale
Las Olas Phase II Forcemain	3,100 lf of 16" and 10" Forcemain	Design Build (DBF)	Fort Lauderdale
Cudjoe Wastewater Regional Collection System	57,000 lf of 4"-8" Watermain, 500,000 lf of low pressure sewer and gravity sewer; and over 100 pump stations	Design Build (DBF)	FCAA
Flamingo Road Reclaimed WM	8,000 lf of 8" Reclaimed watermain - HDD	Design Build (DBF)	Miramar
Flagler Village A-24 Pump Station	700 linear feet of 12" Forcemain, gravity sewer and a triplex lift station	Design Criteria Package (DCP)	Fort Lauderdale
South Middle River Forcemain	4,500 lf of 18" Forcemain - HDD	Design Criteria Package (DCP)	Fort Lauderdale
Bayshore Drive Forcemain	3,300 lf of 20" and 14" Forcemain - HDD	Design Criteria Package (DCP)	Fort Lauderdale
30" WM Relocation P.S. A-16 Upgrade	1,200 lf of 30" HDPE and 36" DIP Watermain - HDD and open cut	Design Criteria Package (DCP)	Fort Lauderdale
US-27 Watermain	16,500 lf of 16" Watermain - HDD	Design Criteria Package (DCP)	Pembroke Pines
University Drive Watermain	3,100 lf of 10" Watermain - HDD	Design - Bid	Davie
Broward County UAZ 113B	42,700 lf of gravity sewer, 1,500 linear feet of forcemain, and 66,200 lf of 8" watermain	Design - Bid	Broward County
Broward County UAZ 113A	22,000 lf of gravity sewer, 5,800 lf of forcemain, and 29,800 lf of watermain	Design - Bid	Broward County
Broward County UAZ 110 / 111	57,400 lf of gravity sewer, 4,400 lf of forcemain, and 72,100 lf of watermain	Design - Bid	Broward County
Upsize FM Pump Station D36 to D35	3,100 lf of 14" and 10" Forcemain - HDD	Design - Bid	Fort Lauderdale
Country Club Ranches Watermain	24,000 linear feet of 8" and 6" Watermain - HDD and open cut	Design - Bid	Miramar
South Bermuda-Parkway Reuse Pipeline	49,000 lf of 24" and 12" Reclaimed Watermain - HDD	Design - Bid	Toho Water Authority

Relevant Design Build, DCP & Utility Infrastructure Projects

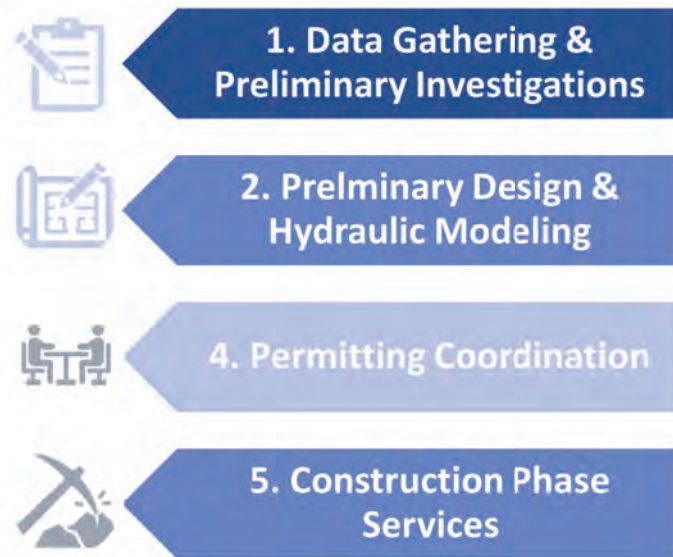
Project Name	Number of HDD drills (#) & Length of drills	Pipe Size	Crossing Type
FTL - Emergency Project Phase 1	(1) 800'	30" FM	Tarpon River
FTL - Emergency Project Phase 2	(1) 1,400'	30" FM	Roadway
FTL - Emergency Project Phase 3	(2) 3,000'	30" FM	Roadway
48" Redundant FM - FTL	(12) 1,200' - 3,400'	48" FM	Intracoastal & Roadway
University Drive Watermain	(6) 150' - 600'	8"-18" WM	Roadway
Southgate Blvd & Rock Island	(1) 600'	12" WM	Roadway
Kyoto Gardens Forcemain Crossing	(1) 1,100'	42" FM	I-95 & FEC Railroad
18 th Street Forcemain	(1) 2,200'	12" WM	Roadway
Country Club Ranches Watermain	(36) 400' to 700'	6" WM	Roadway
Flamingo Road RCW Distribution	(14) 300' to 1000'	8" RCW	Roadway & Canal
Bayshore Drive Forcemain	(3) 600' to 1,800'	14" FM	Intracoastal
South Middle River Forcemain	(1) 600'	14" FM	Intracoastal
Hillsboro Boulevard Forcemain	(1) 500'	14" FM	Intracoastal
Blue Heron Intracoastal Watermain	(1) 2,000'; (1) 1,400'	20" WM	Intracoastal
Upsize FM Pump Station D36 to D35	(3) 550 - 1,000'	14" FM	Roadway
Las Olas Phase II Forcemain	(3) 550 - 1,600'	16" FM	Roadway
Blue Heron Intracoastal Forcemain	(1) 4,100'	20" FM	Intracoastal
Bayview Drive to Pump Station B-14	(1) 1,000'; (1) 2,100'	16" FM	Intracoastal & Roadway
BC UAZ 110/111	(2) 400'	10" WM	Roadway
BC UAZ 113A	(3) 400'	10" WM	Roadway
Sample Road ICW Crossing	(1) 700'	14" WM	Intracoastal
US 192 Watermain Crossing	(1) 600'	14" WM	Roadway
Atlantic Boulevard Crossing	(1) 200'	4" WM	Roadway
Flagler Village A-24 Pump Station	(1) 650'	16" FM	Roadway
Watermain Replacement Belvedere Rd.	(1) 750'	36" Casing	Roadway & Canal
Greenland WRF Pipelines	(1) 600'; (1) 1,500'	30" FM	Highway
NASA -Indian River Bridge Crossing	(2) 4,600'	6" Gas, 6" Comm (Steel)	Intracoastal

HDD Experience in Florida

Approach to Scope of Work

Our Design Criteria Package (DCP) approach is simple but efficient and it will allow us to provide the City with sound efficient design.

CMA approach for this project consists of the following steps:



1. Data Gathering and Preliminary Investigations (8 weeks)

Upon receiving an NTP, CMA will contact utility companies, call for design tickets and meet with subconsultants to prepare for the preliminary investigations phase. In addition, CMA will meet with the City within a week of NTP to discuss the following:

- Project goals, timeline and budget
- Any unique characteristics and considerations within the project area
- Existing available information (available utility atlases, as-builts)
- Additional information that will need to be obtained (survey, geotechnical studies, etc.)
- Potential impacts of construction to: parking, bus routes, emergency access and vehicular flow; pedestrian routes; community events; existing utilities; etc.
- Project stakeholders (affected residents, HOAs, public agencies, etc.)
- Regulatory authorities having jurisdiction and permitting agencies
- Project funding
- Construction requirements and limitations

We will review City as-builts and GIS information and based on the preliminary information we will develop a concept exhibit of the project route. Once the route is coordinated with the City, CMA will deploy subconsultants to perform survey and subsurface utility investigations. CMA will begin with a thorough review of the existing available data related to the project area. The available data to be gathered for this project, includes:

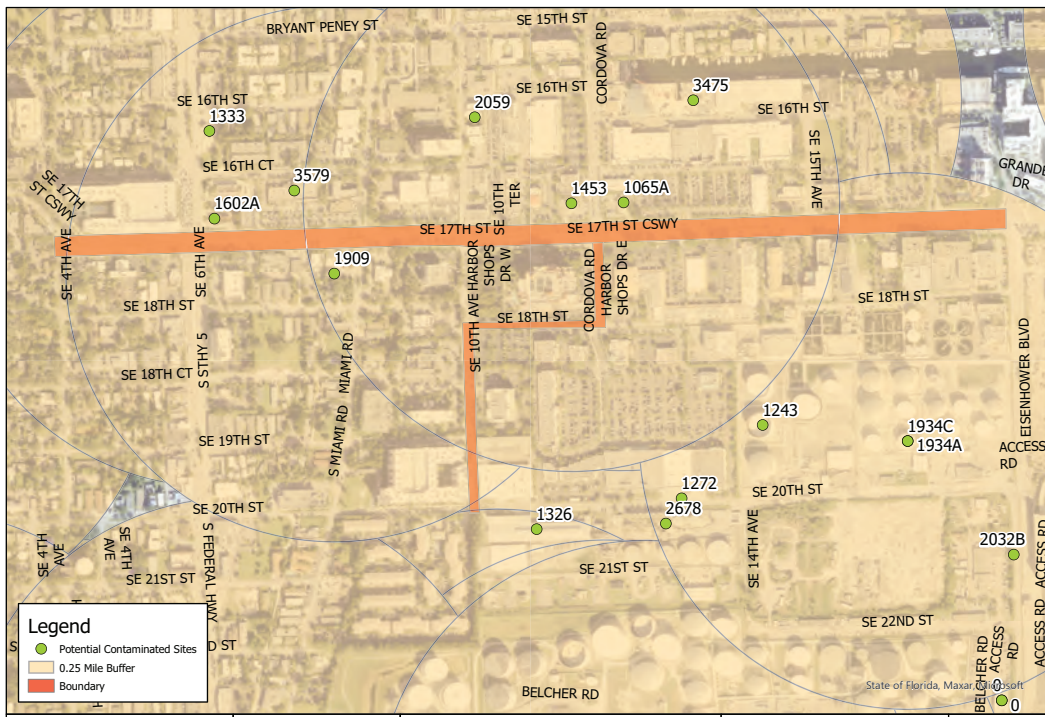
Utility Atlas / “As-Built” Drawings - CMA will review and analyze all existing utility atlases and “as-built” drawings to determine the configuration of the existing underground infrastructure within the project area. A plan with the project limits and key geographic features will be sent out to other utility companies so they can provide the location of their existing utilities. These features will be digitized so CMA can identify major obstacles early in the project. Once the survey is complete, the existing features will be translated into Autodesk Civil 3D to produce clear and legible plans. We have begun contacting the utility providers within the project area, below is a spreadsheet of those utilities’ companies located in the project area that have already been contacted by our team.



Company Name	First Name	Last Name	Contact Number	Contact Email
ATT/ Distribution 4	Mr. Dino	Farruggio	561-997-0240	df1979@att.com
Broward County Traffic Engineering 2	Mr. Bob	Blount		
CenturyLink - Fiber		Network Relocations	877-366-8344 x2	National@kelo@centurylink.com
City of Miramar - Re-Use Lines, Sewer, Water	Ms. Bissy	Vempala	954-602-3320	bjvempala@miramarfl.gov
City of Pembroke Pines / CH2M	Ms. Dena	Manning	954-518-9095	dmanning@ppines.com
City of Pembroke Pines Public Services	Ms. Dena	Manning	954-435-6511	
Comcast Cable	Mr. Leonard	Maxwell-Newbold	7542211254	leonard_maxwell-newbold@cable.comcast.com
Crown Castle NG - Fiber			801-364-1063 / 724-416-2957	fiber.dig@crowncastle.com
FDOT/Eland Engineering - Fiber	Ms. Dahlia	Hightower	954-847-2690	dhightower@smartsunguide.com
Florida Power & Light Broward - Electric	Mr. Joel	Bray	386-586-6403	joel.bray@fpl.com
Mastec Inc 3	Mr. Ibrain	Font	786-267-4697	
MCI - Fiber		MCIU01 Investigations	469-886-4091	investigations@verizon.com

Actual Utility Log Used by CMA Team

Hazardous Materials and Environmental investigations - Investigation and disclosure of contaminated sites shall be investigated. CMA has performed preliminary investigations within the project area and has identified zero contaminated sites within a quarter of a mile or less from the project area as displayed in the figure below. If there were contaminated sites it may require special permitting and provisions for construction of the utility infrastructure in those areas. Wetlands have also been identified in the project area, as displayed in the figure below.



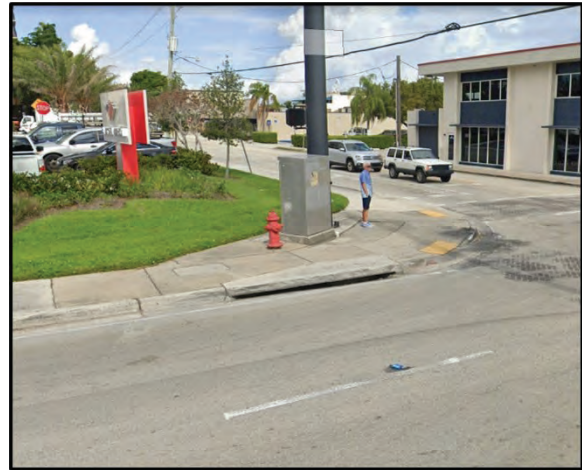
Identified Contaminated Sites (0.25-mile radius)

Roadway Jurisdiction - CMA has also reviewed the right-of-way jurisdiction within the project area. The project will be mainly through FDOT right of way and some City streets. We have extensive experience coordinating utility projects with FDOT. We recently installed forcemain on 17th Street Causeway just east of the intracoastal bridge as part of the Upsize Forcemain PS D35 and D36 we designed for the City of Fort Lauderdale.

Permitting Agencies - We will contact all agencies early on in the project phase as it is important to establish early communication with permitting agencies and attend pre-application meetings. Chen Moore will hold meetings with regulatory agencies in which the scope of the project will be shared along with preliminary exhibits. CMA will request previous permits for project area and adjacent areas as applicable.

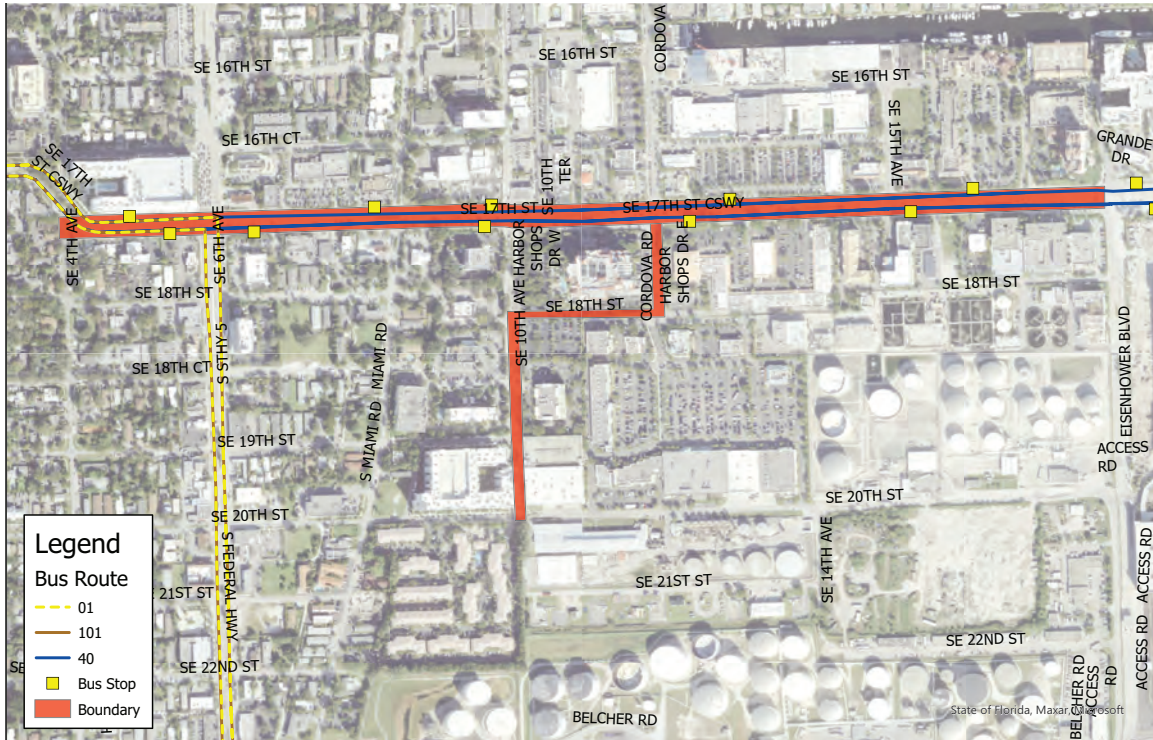


Site Visits- Our team has already performed site visits throughout the project and identified utilities such as drainage systems, watermains, electrical and telecommunication infrastructure, signalized intersections among others. CMA will conduct further site visits at the beginning of the project as well as following the completion of the survey to ensure accuracy of the existing conditions information gathered. The more information and knowledge we can acquire the better we can serve the City.



Identified Utilities

Bus Routes - CMA has also reviewed the routes of public transportation within the project area, which may often be overlooked, however is essential to understand the location of all bus stops in an effort to minimize impact during construction.



Bus Routes, Bus Stops and Shelters along 17th Street Causeway

During this phase CMA will also perform the necessary topographic surveys, obtain geotechnical information, perform subsurface utility investigation and test holes to determine location and size of utilities that are not available through as-builts. All of this information will serve as a base for the conceptual design that will be part of the Design Criteria Package (DCP).

Approach to Scope of Work

2. Preliminary Design and Hydraulic Modeling (8 – 12 weeks)

After the initial phase of collecting all existing information, CMA will proceed with the preliminary design and modeling phase of the project approach. These will be part of the DCP.

Modeling Analysis

Once the necessary data has been collected and reviewed CMA, if necessary, will analyze the City’s existing system using an appropriate modeling software package. CMA has the ability to utilize several utility modeling software packages, which include WaterCAD and InfoWater programs.



Hydraulic Modeling

CMA will collect and organize future data parameters to understand the City’s watermain system. CMA will collect all relevant data that will be needed for the model which may include existing parcels (i.e., demand), major customer consumption; traffic analysis zone (TAZ) population estimates. new development areas, interconnection locations. CMA will also review any existing models available and infrastructure and hydraulic data. Understanding the existing and future demand is essential within the service area to properly size the reclaimed watermain pipes along these corridors. The results of this computer modeling along with Chen Moore and Associates’ three decades of underground utility design experience will allow us to make recommendations for the most effective pipe sizing of the proposed reclaimed watermain within the project area.

Conceptual Plans (30% level plans)

Based on our analysis with the refined model, CMA will develop conceptual layouts of the proposed system within the project area. CMA will develop the conceptual layouts to ensure it is integrated with the existing as-builts and utility atlas of the existing underground infrastructure within the project area. The conceptual layout of the proposed improvements is useful for identifying potential underground conflicts prior to proceeding with detailed design. CMA will meet with City staff to review the conceptual plan to confirm the project route. In this meeting we will discuss the layout of the proposed mains, challenges, solutions, constructability methods, permitting and findings from our meetings with regulatory agencies. Project exhibits will be developed for the Client to discuss the design approach. As part of the DCP, CMA will develop comprehensive existing conditions plans that incorporate surveys, as-built information, GIS, utility designation information, utility providers infrastructure and site visits documentation.

Based on our site visits, City requirements and Chen Moore’s trenchless technologies experience, we have developed a preliminary pipe layout. We have reviewed traffic patterns, businesses, driveways, bus routes, available right-of-way spacing, and existing utilities and we propose installation of the 24” watermain along 17th Street Causeway by horizontal directional drilling. This street is a 6-lane divided roadway with turn lanes, medians, and bike lanes. The urban section allows for the setup of drill rigs, bore pits and pipe fusing areas. We think that HDD is a much less disruptive method of installation and that it will allow a faster construction of the project. The project can be split into 2 drills and the 17th Street Causeway drill



pits can be strategically placed on turn lanes (west of US-1) where there is additional spacing for drilling equipment, mud mixers, generators and general equipment. Similarly, the entry bore can be placed east of Cordova Street which allows for spacing for stringing the pipe along 17th Street Causeway right of way. In addition, temporary construction easements can be acquired, and private parking lots can be leased to facilitate construction via horizontal directional drilling. The shopping plaza east of Cordova Boulevard has more than one entrance which allows the temporary closure of one of their entrances. Cordova Street watermain can be achieved with a combination of open cut and HDD installation. This will also minimize the impact to businesses and residents. We propose the use of DR 13.5 at a depth of 30 feet for the 24-inch pipe which will require 10 times the reamer size to meet FDOT requirements.

Another important aspect of trenchless installation is the elimination of construction dewatering in most of the project. As opposed to open cut of large diameter pipe, HDD will not require dewatering. This is particularly important since dewatering discharge within and FDOT system has to follow specific criteria. We believe it is advantageous to eliminate dewatering for construction efficiency and to avoid potential turbidity or contamination of stormwater systems.





Our team has evaluated the bore pit locations, entry angle, intersection interconnections, bore depth and location. Some of the preliminary layouts are included in our project approach. On the following page is a concept of the proposed design.

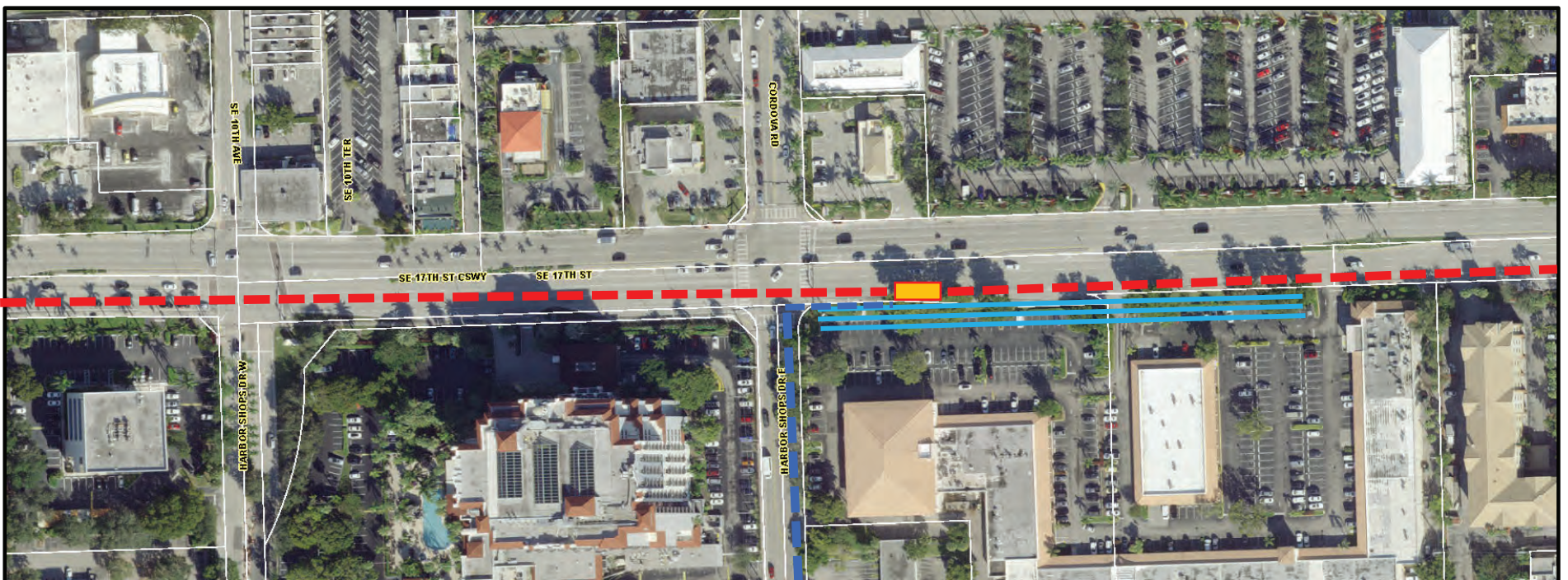
The presented layout takes into consideration valve separation requirements, watermain interconnections, right of way constraints, MOT requirements, access to businesses as well as safety and access to residences within the project area. A total of four (4) bore pits are required for the project under the current City requirements. For the HDD calculations, CMA will determine the required pipe Dimension Ratio (DR) by evaluating pull back forces, tensile stresses, bending radius, vertical loads, and unconstrained collapse. CMA methodology to calculate the Horizontal Directional Drill forces are based on Plastic Pipe Institute's

(PPI) "Handbook of Polyethylene Pipe", 2nd Ed., Chapter 12, and the recommended guidelines of ASTM F1962.

PROPOSED DESIGN APPROACH





- Minimize Disruptions
- Expedite Constructions
- Less MOT

OPEN CUT	
HDD	
BORE PIT	
PIPE STRINGING	




PROPOSED DESIGN APPROACH


- Minimize Disruptions
- Expedite Constructions
- Less MOT


OPEN CUT	
HDD	
BORE PIT	
PIPE STRINGING	




We have reviewed safety, Maintenance of Traffic (MOT), right of way constraints, approach to construction within intersections, utility conflicts and public outreach. CMA has performed several site visits and has reviewed the project area to determine some of the requirements for utility installation and HDD crossings.


- 

Maintain Bus Routes
Design to avoid bus route and pedestrian disruption. Staging areas will be determined during design
- 

FDOT Corridor
CMA will meet with FDOT early in the project and present concept plans. "Conceptual" pre-approval of the layout will be obtained. It is important to coordinate the pipe route and lane closures prior to bidding the project
- 

Provide Safety & Access for Businesses & Residents
Laydown areas, MOT, bore pits and fusing areas will be determined during design to minimize disruptions to stakeholders. CMA will carefully study the routes to determine best location for installation
- 

Design around Existin Utilities
In addition to obtaining City provided information, we will include design tickets, perform surveys, utility designation, test holes and geotechnical studies
- 

Strategically Locate Bore Pits
Bore pits shall be designed incorporating pipe fusing and laydown areas for efficiency. Design to incorporate drill rig & recycling equipment. We will perform constructability reviews
- 

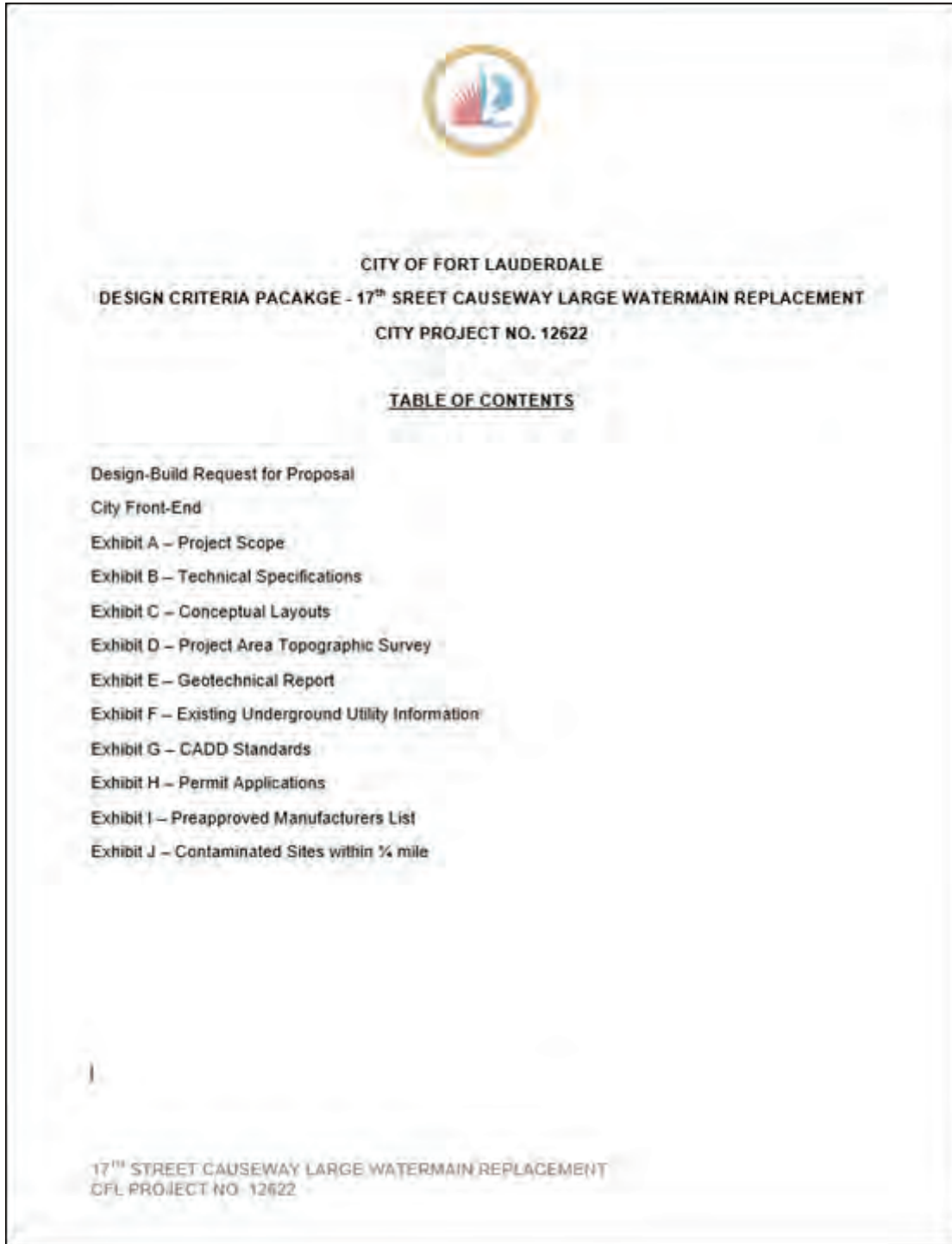
Reduce Project Cost and Schedule
Increase construction efficiency by properly determining staging and laydown areas, connection points, valve separation and intersections.

Approach to Scope of Work



Design Criteria Package Submittal

As indicated previously, CMA has worked on over a dozen of City DCPs projects. Our typical DCP will follow the City requirements and will contain the information shown in the exhibit below:



Approach to Scope of Work

4. Permitting and Coordination (4 weeks)

Coordination of the permitting process is an aspect of the project that will begin immediately after NTP. From the very start, CMA will contact the permitting agencies to open lines of communication and identify even the smallest of obstacles that could delay permit issuance. Meetings with FDOT will be critical for this project. CMA has successfully obtained permission from FDOT on difficult HDD projects that required complex crossings or pipe layout within their right-of-way.

Coordination of potential driveway or intersection closures shall be discussed with Broward County Traffic



Engineering Division for signalized intersections. CMA will Coordinate with the Following agencies.

	<p>Broward County Environmental Protection and Growth Management (BCEPGM)</p> <ul style="list-style-type: none"> Review contaminated sites for need of Dewatering Permits
	<p>Broward County Traffic Engineering Division (BCTED) & Highway Construction (BCHCED)</p> <ul style="list-style-type: none"> Signalized intersections, pavement markings and signage
	<p>Florida Department of Environmental Protection (FDEP)</p> <ul style="list-style-type: none"> Watermain permitting
	<p>Florida Department of Transportation (FDOT)</p> <ul style="list-style-type: none"> Installation of Pipeline within FDOT right of way
	<p>South Florida Water Management District (SFWMD)</p> <ul style="list-style-type: none"> Water Use Permitting coordination

Permitting Agencies

5. Construction Phase Services

CMA inspectors are highly knowledgeable in utility projects, trenchless technologies such as HDD, pipe bursting and swagelining. Our staff has been trained to follow accepted industry standards for the installation of PVC, DIP and HDPE pipe. In addition, the proposed project manager, engineer and inspectors have been trained in the field to comply with the Plastic Pipe Institute fusing and handling requirements for HDPE. CMA has performed fusing inspections and calculations to ensure projects meet all minimum standards for safety and quality.

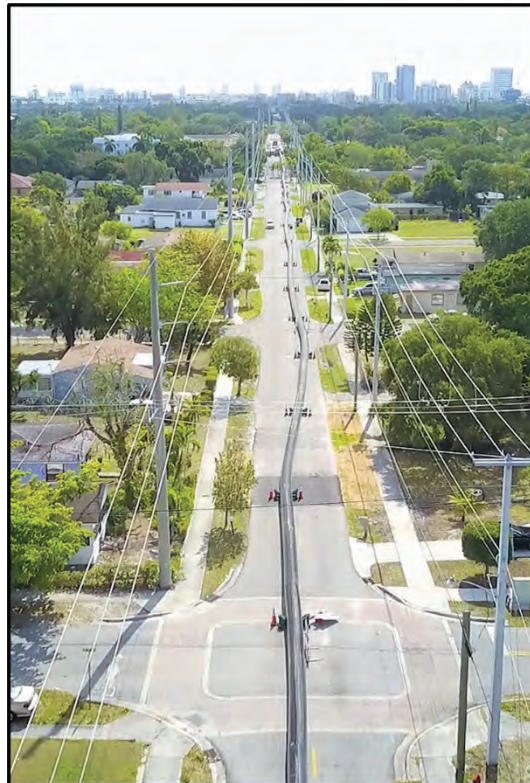


48" HDD in Fort Lauderdale

Approach to Scope of Work



48" HDD and 42" Open Cut Fort Lauderdale



30" HDD and Swageline

Approach to Scope of Work

PROPOSED SCHEDULE

Chen Moore anticipates a full Design Criteria Package to be completed in under 5 months from NTP for the project. If needed, it can be expedited as previously done for City projects.

TASK	WEEKS																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24						
PRELIMINARY INVESTIGATIONS	10 WEEKS																													
REGULATORY AGENCY COORDINATION	10 WEEKS																													
30% DESIGN & DCP											12 weeks																			
BIDDING ASSISTANCE																									TBD					

Approach to Scope of Work



Post Design Services

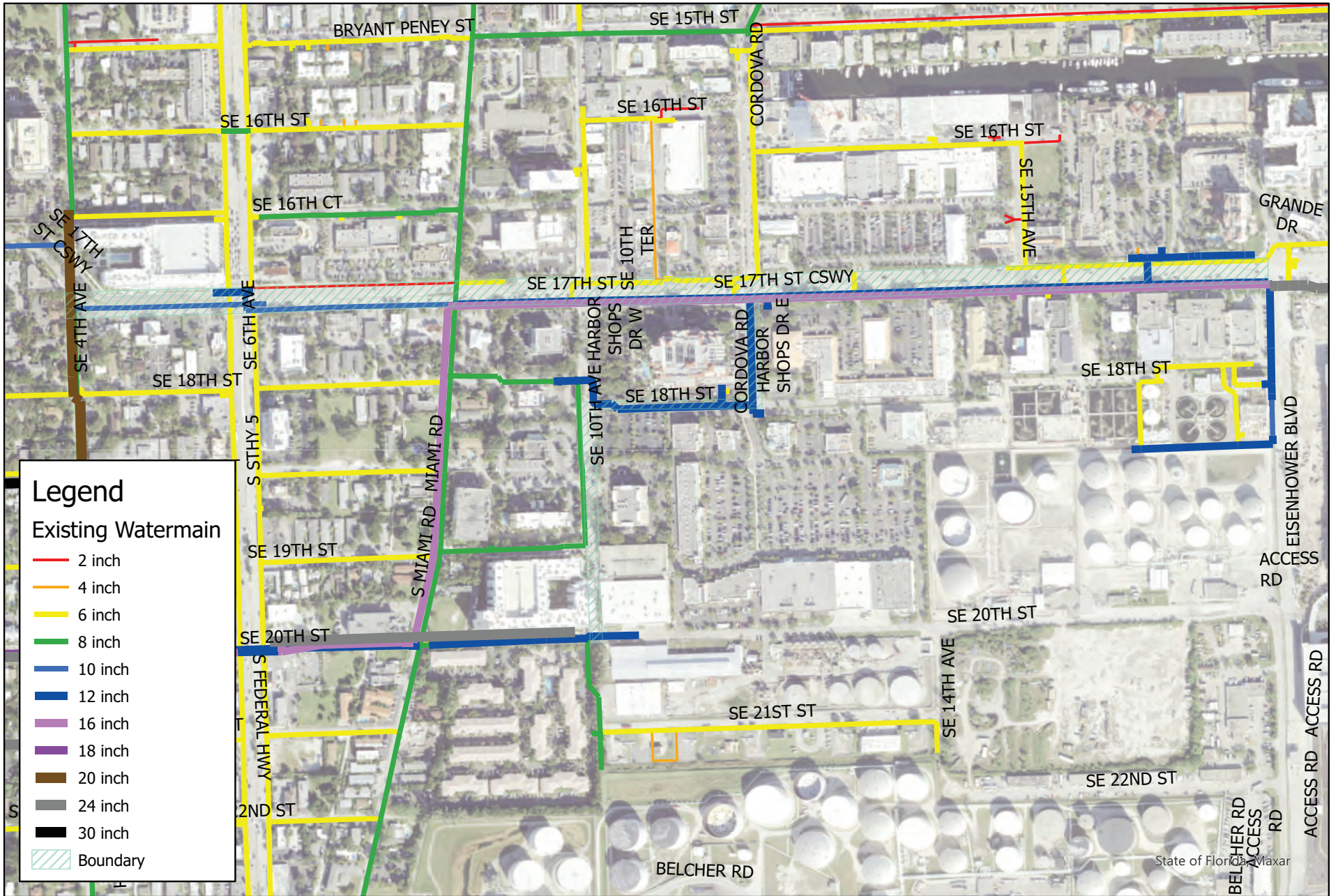
CMA can provide bidding assistance to the City for the selection of an appropriate contractor. As part of our services, we will review RFIs, bid proposals, attend meetings and presentations with the City.

Once a contractor has been selected and the contract awarded, Chen Moore and Associates will conduct a pre-construction conference. Chen Moore and Associates will review all of the administrative requirements and technical requirement with the selected contractor at the pre-construction conference.

Field Observation, Inspection, and Documentation - During the construction phase, an experienced Chen Moore and Associates field inspector will observe and document the operations of the contractor. The inspector will complete a detailed Daily Report of Construction for each day they are on site. The inspector will monitor the progress of the work and document the contractor's operations. As the eyes and ears of the engineer, the field inspector will also help to resolve any conflicts should any unexpected conditions be encountered. The inspector will also verify that the materials used are those that were specified and submitted, and that material testing is conducted according to the contract documents. CMA shall provide as needed:

- Review Shop Drawings
- Answer to RFIs
- Review Field Changes and Substitutions
- Review quantities
- Approve Pay Requests
- Field inspections
- Progress meetings
- Final Walkthrough





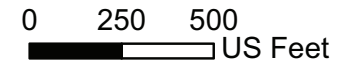
Legend

Existing Watermain

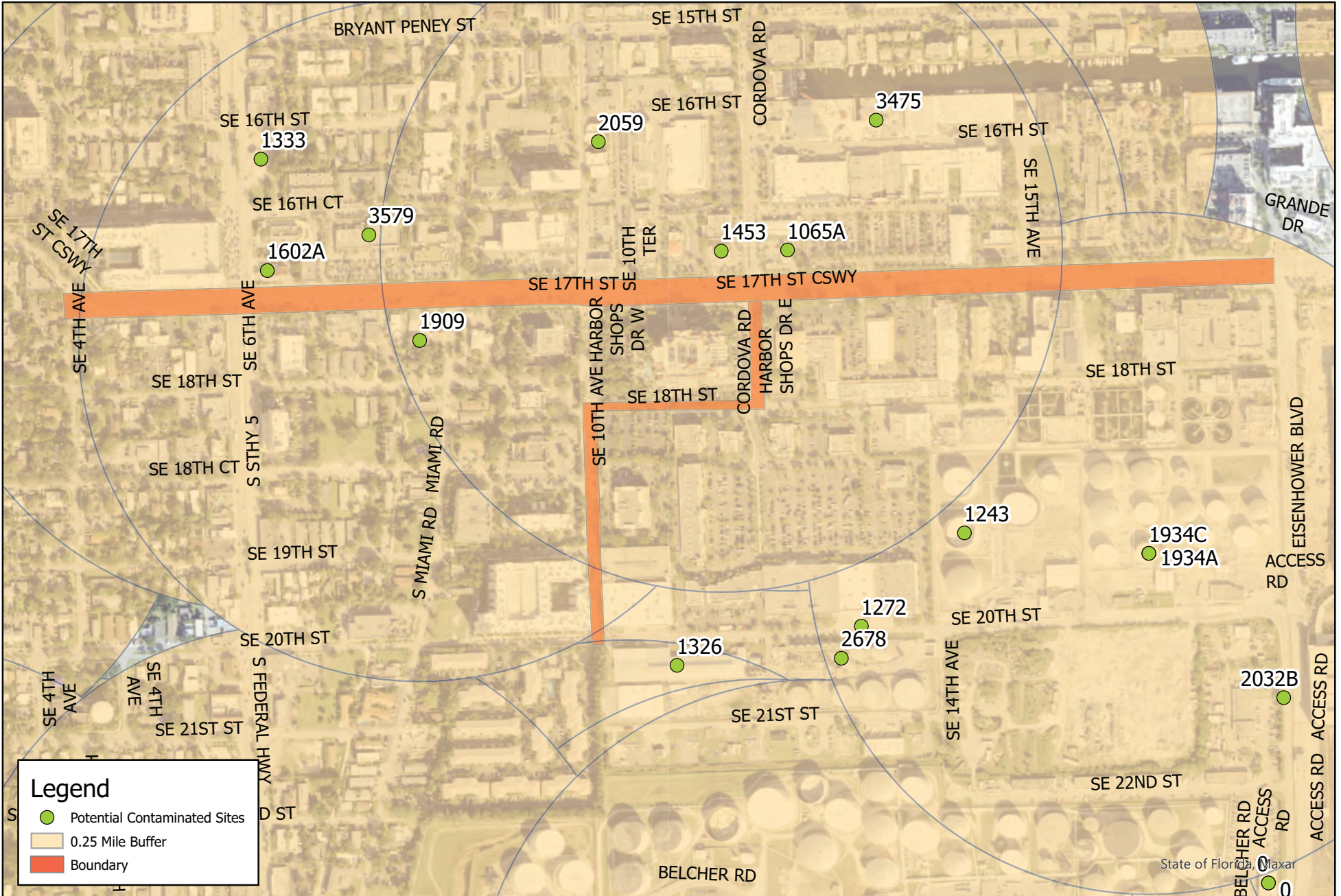
- 2 inch
- 4 inch
- 6 inch
- 8 inch
- 10 inch
- 12 inch
- 16 inch
- 18 inch
- 20 inch
- 24 inch
- 30 inch
- Boundary



**17TH STREET CAUSEWAY
LARGE WATERMAIN REPLACEMENT
EXISTING WATER MAIN SYSTEM**



OAM 22-0582



Legend

- Potential Contaminated Sites
- 0.25 Mile Buffer
- Boundary



2/7/2022

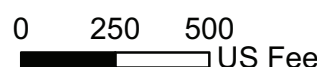



**17TH STREET CAUSEWAY
LARGE WATERMAIN REPLACEMENT**

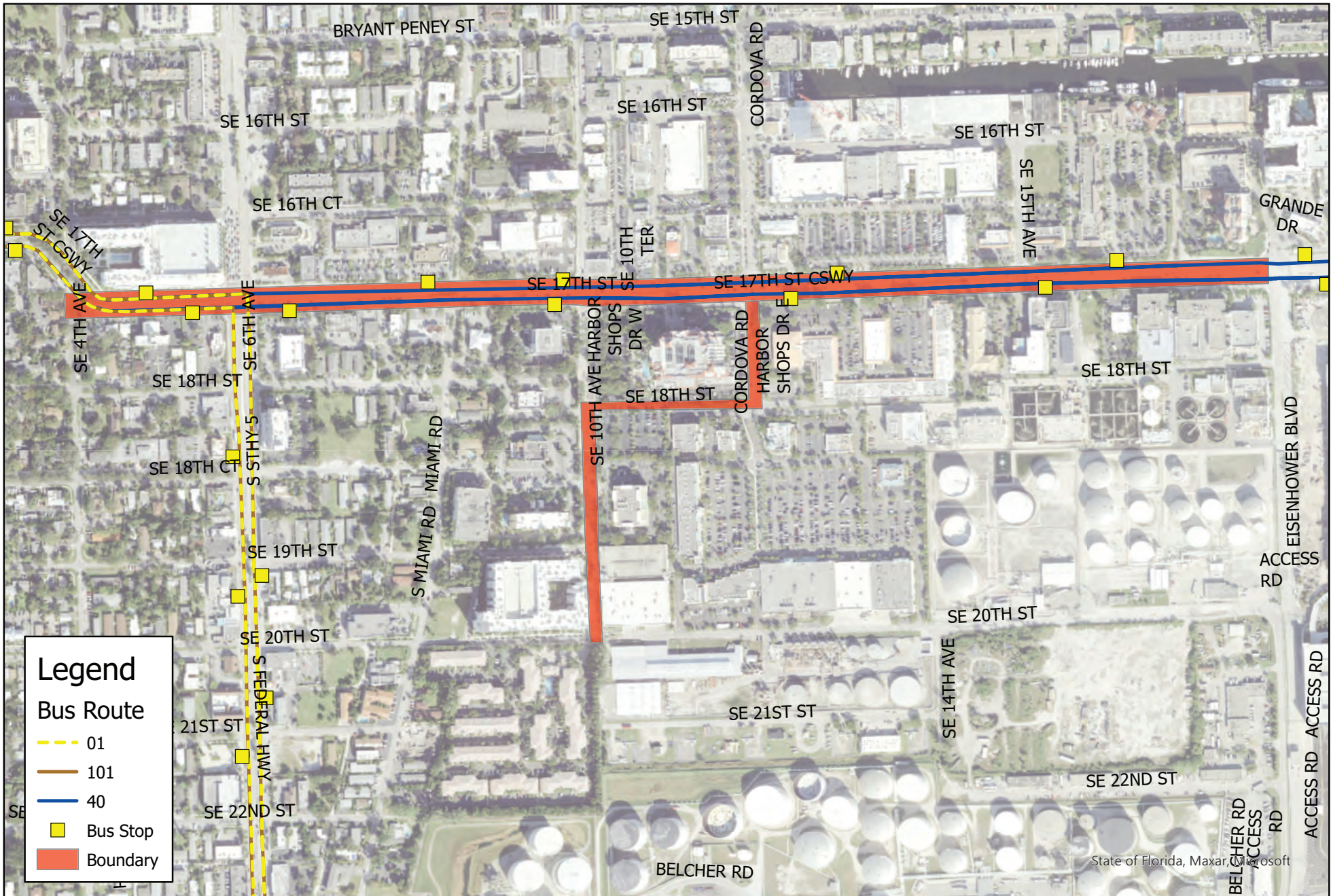
CONTAMINATED SITES

BidSync

0 250 500 US Feet

CAM 22-0588
Exhibit 3
78 of 137



Legend

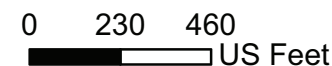
- 01
- 101
- 40
- Bus Stop
- Boundary



**17TH STREET CAUSEWAY
LARGE WATERMAIN REPLACEMENT**

CURRENT BUS SYSTEM

BidSync



N
W E

CAM 22-0562
Exhibit 63
79 of 137

4.2.6 REFERENCES

Broward County UAZ Water Sewer Improvements 113A Broward County, FL

Estimated Completion Date

2021

Fee

\$2,139,971

Cost (estimated and actual)

\$80 milliom

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

The UAZ 113A project included the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 207 acres and included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of forcemain, and 29,800 linear feet of watermain. The total project included 57,600 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 18” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 12” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6” – 16” diameter size. County lift station 50N was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.

References



Broward County UAZ Water Sewer Improvements 113B Lauderdale Lakes, FL

Estimated Completion Date

2022

Fee

\$4,357,958

Cost (estimated and actual)

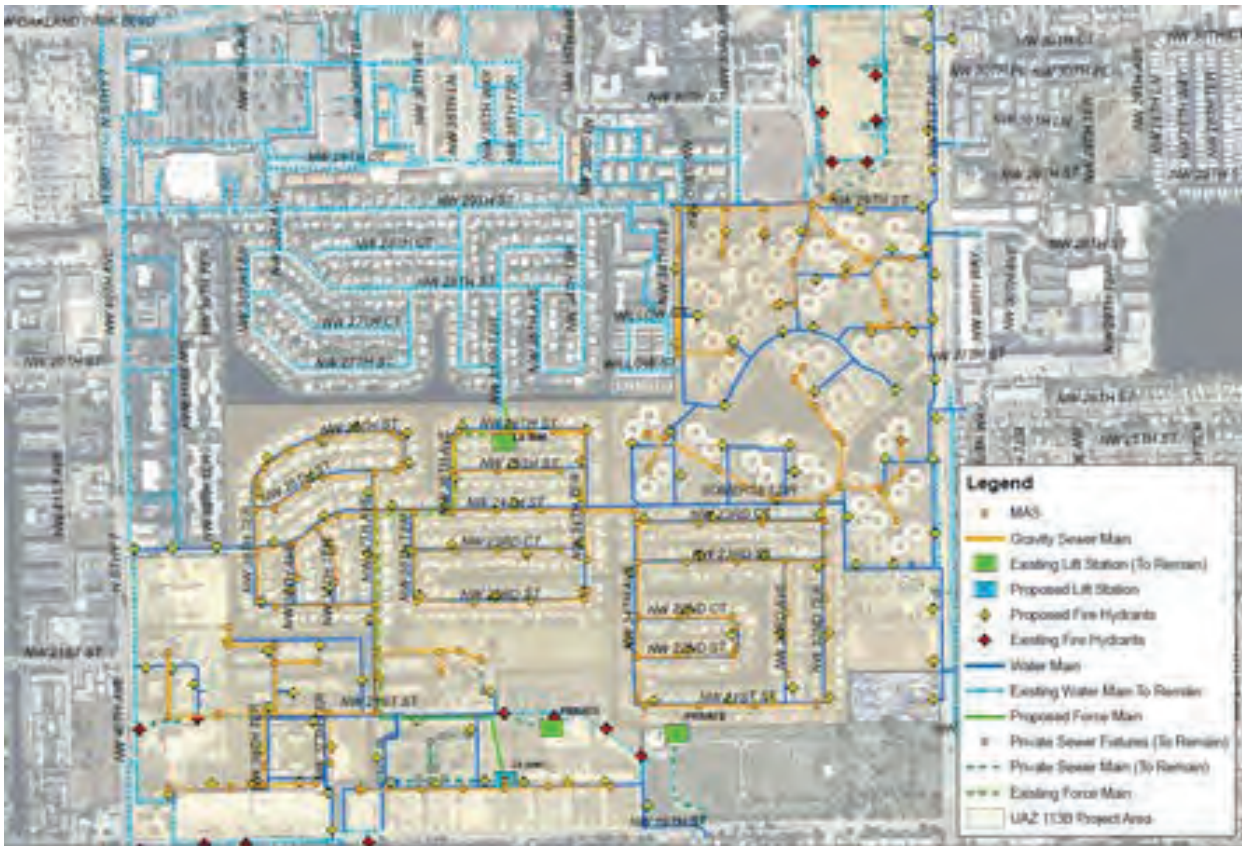
\$80 milliom

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

The UAZ 113B project includes the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 350 acres and included the installation of 42,700 linear feet of gravity sewer, 1,500 linear feet of forcemain, and 66,200 linear feet of watermain. The total project included 110,400 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including NW 31st Avenue, West Oakland Park Boulevard, and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 24” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 18” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6” – 8” in diameter size. County lift station 50M1 was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. CMA performed CEI services during construction and the project is currently in the close-out phase.

References



Broward County UAZ Water Sewer Improvements 110/111 Broward County, FL

Estimated Completion Date

2021

Fee

\$2,139,971.47

Cost (estimated and actual)

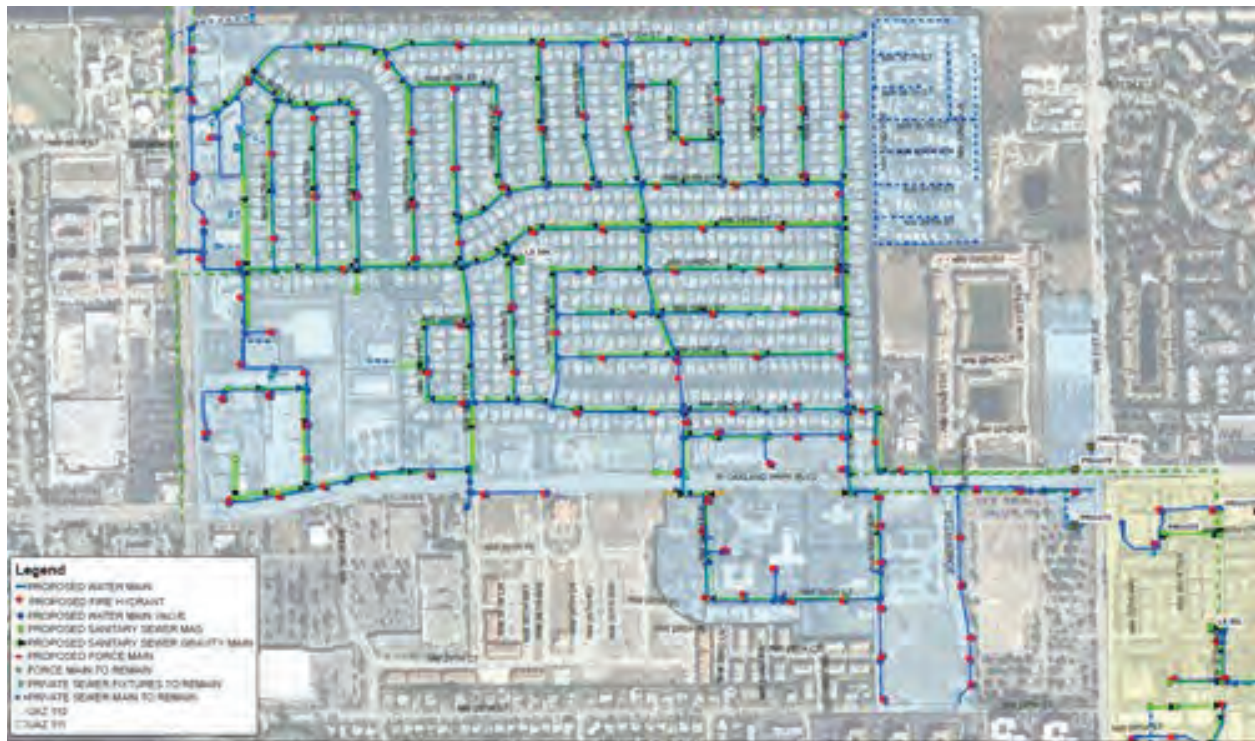
\$80 milliom

Client

Broward County
Patrick MacGregor
2555 West Copans Road
Pompano Beach, FL 33069-1233
(954) 831-0904
pamacgregor@broward.org

The UAZ 110/111 project included the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes and the City of Oakland Park, along with restoration of surface areas disturbed for the construction of the improvements. The project had a combined total area of 479 acres and included the installation of 57,400 linear feet of gravity sewer, 4,400 linear feet of forcemain, and 72,100 linear feet of watermain. The total project included 133,900 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The existing watermain consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 24” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 18” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe of 12” in diameter size. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.

References



US 27 Watermain Design Criteria Package Pembroke Pines, FL

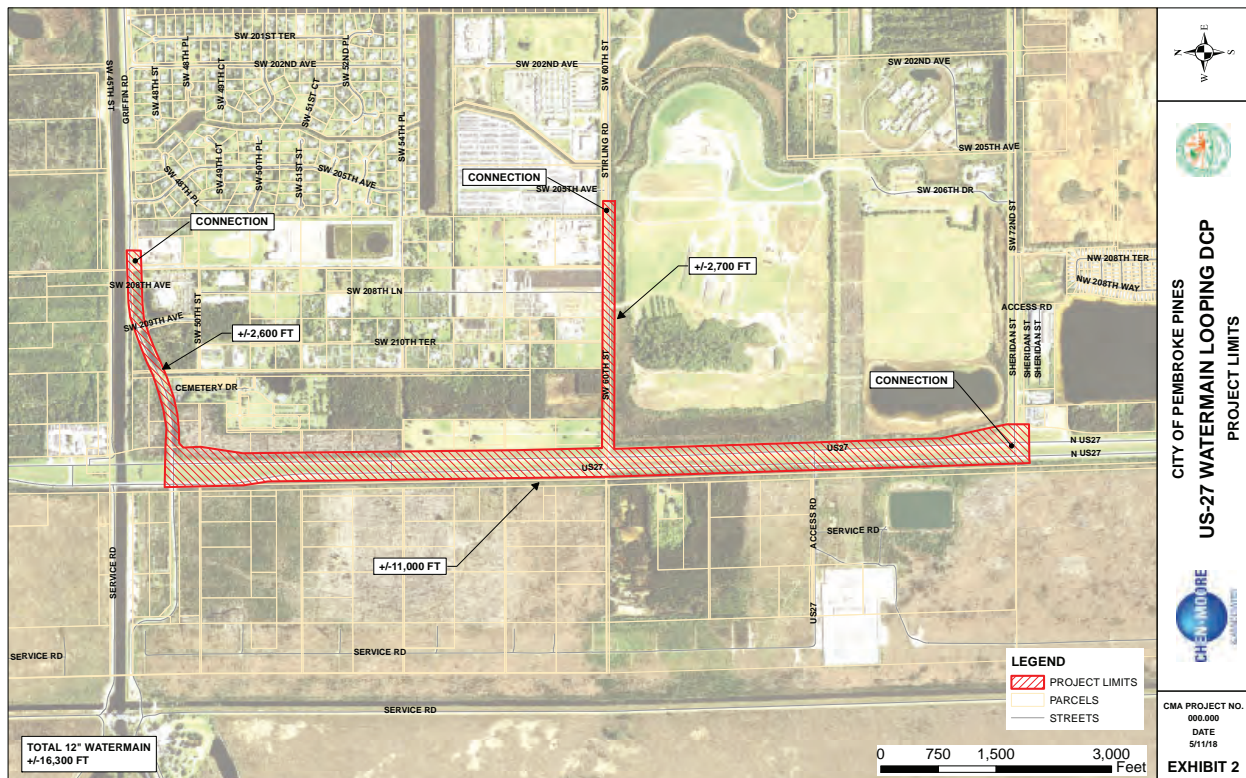
Estimated Completion Date
2015

Fee
\$113,650

Client
City of Pembroke Pines
Karl Kennedy
Finance Dept
601 City Center Way 3rd Fl Ste 303
Pembroke Pines, FL 33025
(954) 431-4500
kkennedy@ppines.com

CMA is the lead designer to prepare the Design Criteria Package (DCP) for the construction of approximately 16,000 linear feet of 16" watermain for the City of Pembroke Pines. The watermain extends from Sheridan Street to Griffin Road along US-27 and runs along Stirling Road and Sheridan Street in order to connect to the City's system. The project is part of the City's plan to loop their watermain infrastructure to improve water quality and efficiency. CMA is providing geotechnical engineering, surveying, environmental services, civil engineering and permitting services. The DCP will require coordinating with all agencies, including FDOT for construction within the right-of-way, Broward County for coordination of impacts to traffic signals and coordination regarding contaminated sites. The DCP will require 30% level plans, design of horizontal directional drills and open cut.

References



**Ft Lauderdale FM Rehab, HDD & Swageline (1-4)
Fort Lauderdale, FL**

Estimated Completion Date
2018

Fee
\$836,710

Cost (estimated and actual)
\$14 milliom

Client
Murphy Pipeline Contractors Inc
Richard Crow
12235 New Berlin Road
Jacksonville, FL 32226
(954) 842-4771
richardc@murphypipelines.com

CMA was the prime consultant for the 30” Emergency Force Main Rehabilitation project in the City of Fort Lauderdale. This innovative design-build project, led by Murphy Pipeline Contractors (MPC), was undertaken to provide both mainline force main replacement for aging infrastructure and to provide additional redundancy in case of future issues.

The contract was divided into four (4) phases within the City of Fort Lauderdale. The nearly 20,000 linear feet of pipeline was rehabilitated through a combination of swagelining, directional drilling, and traditional open cut installation over these four phases. CMA provided planning, design, permitting, and engineering services during construction. Environmental compliance, subaqueous crossing, public involvement, and maintenance of traffic in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. CMA also provided dewatering permitting and groundwater modeling due to contaminated sites within quarter mile of the projects. This project was awarded the 2019 Project of the Year by the ASCE Broward Branch.

References



Emergency Bypass 48” Forcemain Fort Lauderdale, FL

Estimated Completion Date

2018

Fee

\$1,432,500

Client

City of Fort Lauderdale
 Krishan Kandial, P.E.
 100 N. Andrews Avenue
 Fort Lauderdale, FL 33301
 (954) 828-4019
 kkandial@fortlauderdale.gov

CMA is responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale’s main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48” HDPE pipe with some ductile iron pipe sections. The project route includes sensitive ecosystems including the crossing of South Middle River which require Benthic surveys for the subaqueous crossing, dewatering calculations, and permitting for construction within a quarter mile of contaminated areas with high-water table being close to the coastline. Crossing of the intracoastal (US Federal Waters) requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine (9) jurisdictional agencies for this project. The project is an emergency project for the City of Fort Lauderdale which is being fast tracked to be completed (design, permitting, and construction) in 14 months. The project is a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant.

References



Pump Station B-4 Redundant Forcemain (21-FL.B424 PO#02) Fort Lauderdale, FL

Estimated Completion Date
2018

Fee
\$205,000

Client
City of Fort Lauderdale
Krishan Kandial, P.E.
100 N. Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-4019
kkandial@fortlauderdale.gov

CMA is the lead engineer for the Design/Build of the Pump Station b-4 Redundant Forcemain for the City of Fort Lauderdale. The forcemain is an important part of the City's back bone sewer system that carries water to the wastewater treatment facility. The project entails the design, permitting and CEI of approximately 5,400 linear feet of 30-inch HDPE forcemain. The project is fast-tracked and it will entail three horizontal directional drills with 90% of the project to be trenchless. The complete project from design to construction is expected to be completed in 6 months.

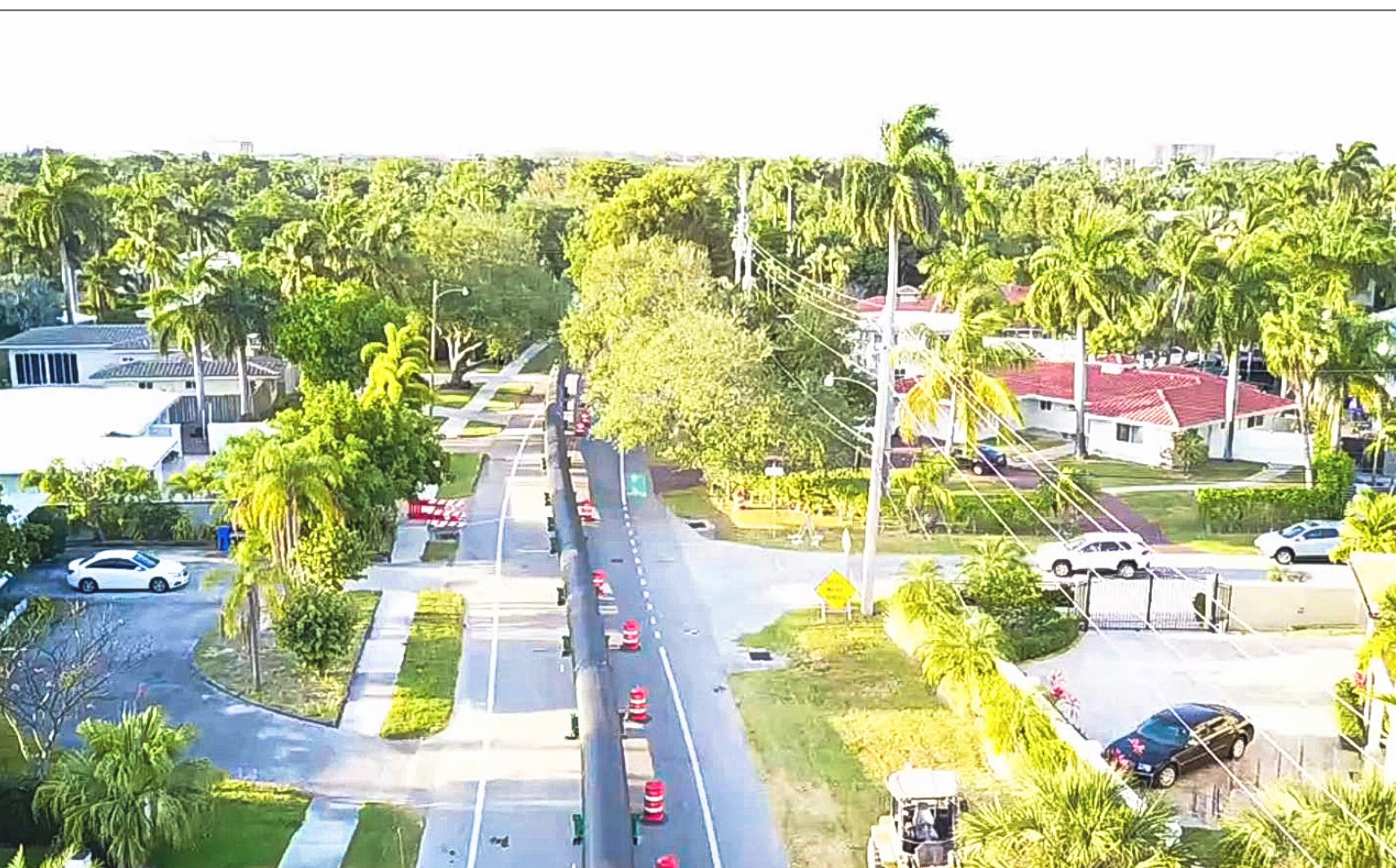
References



4.2.7. Minority/Women (M/WBE) Participation

4.2.8 Subconsultants

4.2.9 Required Forms



4.2.7 MINORITY/WOMEN (M/WBE) PARTICIPATION

CMA is a multi-disciplinary consulting firm with offices in Broward, Miami-Dade, Palm Beach, Orange, Duval and Alachua Counties. Founded in 1986 in Plantation, Florida, CMA specializes in civil, electrical and environmental engineering and landscape architecture. Dr. Chen founded CMA with a belief that relationships are the key to the planning, design and construction of successful projects. The firm has maintained that commitment by providing responsive quality services while meeting the technical and schedule needs of our clients. The ownership of the firm has changed significantly since its founding over 35 years ago, but as the ownership group has changed a commitment to diversity has flourished. As of 2022 CMA is owned by 14 team members, 21% of whom are women and 43% of whom are minorities.

Minority/Wome (M/WBE) Participation



4.2.8 SUBCONSULTANTS

Stoner and Associates, Inc. was founded in September of 1988 by James D. Stoner, P.S.M. Their mission is to provide quality Land Surveying services, while utilizing the latest technology and techniques. Stoner & Associates, Inc. is a Professional Land Surveying Consultant to numerous municipalities, including City of Fort Lauderdale, Broward County Aviation Department, South Florida Water Management District, Broward College, Town of Davie and City of Sunrise. Stoner and Associates will provide surveying services for this contract. Stoner and Associates, Inc. will provide surveying for this contract.



InfraMap Corp is a leading provider of Utility Infrastructure Mapping and Subsurface Utility Engineering (S.U.E.) services. They collect utility infrastructure data in the field using sophisticated geophysical techniques and instrumentation (including GPR), with automated data collection gear and state of the art survey equipment. Founded in 1987, InfraMap is a utility infrastructure mapping specialist. Their clients are State and Local Transportation Departments, Airports, Port Authorities and Utilities. They have performed some of the largest utility mapping projects ever undertaken by any firm. They have the resources to perform and deliver multiple large scale projects on time, throughout the United States, as evidenced by our past and recent performance. InfraMap will provide SUE services for this project.



PanGeo Consultants, LLC has over 13 years of experience in the field of geotechnical and structural engineering,. PanGeo Consultants specializes in the field of geotechnical engineering with a focus on the South Florida region. PanGeo will provide geotechnical engineering services for this project.



MOT Plans provides MOT (maintenance of traffic) plans quickly and cost effectively so our clients can break ground on time. The team includes ATSSA certified supervisors who can handle any situation. The firm is a full-service barricade company providing complete temporary traffic control for any situation. MOT Plans is a certified DBE and SBE with the Florida Department of Transportation. MOT will provide traffic engineering services for this project.



Subconsultants

4.2.9 REQUIRED FORMS



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/14/2021

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 Libertate Insurance Services, LLC 20 N. Orange Avenue, Suite 500 Orlando, FL 32801 www.libertateins.com	CONTACT NAME: Engage PEO Certificate of Insurance Dept. PHONE (A/C, No, Ext): 727-565-2950 FAX (A/C, No): 727-214-9088 E-MAIL ADDRESS: wc@engagepeo.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A : Illinois National Insurance Co.</td> <td>23817</td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Illinois National Insurance Co.	23817	INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :
INSURER(S) AFFORDING COVERAGE	NAIC #													
INSURER A : Illinois National Insurance Co.	23817													
INSURER B :														
INSURER C :														
INSURER D :														
INSURER E :														
INSURER F :														
INSURED The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) 3001 Executive Drive, Suite 340 St. Petersburg FL 33762														

COVERAGES **CERTIFICATE NUMBER:** 65471029 **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
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	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	WC013220615	1/1/2022	1/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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

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

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) RFQ No. 12464-416 4.0 ENVIRONMENTAL ENGINEERING

CERTIFICATE HOLDER 191083-FL City of Fort Lauderdale Procurement Services Division 100 N. Andrews Avenue Fort Lauderdale FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Paul R. Hughes
---	--

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65471029 | 21/22 WC (Florida Master Only) Ill National | Mary Beth Eaton | 12/14/2021 10:55:13 PM (PST) | Page 1 of 2
 This certificate cancels and supersedes ALL previously issued certificates.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/14/2021

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 Libertate Insurance Services, LLC 20 N. Orange Avenue, Suite 500 Orlando, FL 32801 www.libertateins.com	CONTACT NAME: Engage PEO Certificate of Insurance Dept.	
	PHONE (A/C, No, Ext): 727-565-2950	FAX (A/C, No): 727-214-9088
E-MAIL ADDRESS: wc@engagepeo.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Illinois National Insurance Co.		23817
INSURED The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) 3001 Executive Drive, Suite 340 St. Petersburg FL 33762		
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 65471029 **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
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	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	WC013220615	1/1/2022	1/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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

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

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) RFQ No. 12464-416 4.0 ENVIRONMENTAL ENGINEERING

CERTIFICATE HOLDER 191083-FL City of Fort Lauderdale Procurement Services Division 100 N. Andrews Avenue Fort Lauderdale FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Paul R. Hughes
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65471029 | 21/22 WC (Florida Master Only) Ill National | Mary Beth Eaton | 12/14/2021 10:55:13 PM (PST) | Page 1 of 2
 This certificate cancels and supersedes ALL previously issued certificates.

WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

WC 00 03 13

(Ed. 4-84)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

City of Fort Lauderdale
Procurement Services Division
100 N. Andrews Avenue
Fort Lauderdale FL 33301

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) RFQ No. 12464-416 4.0 ENVIRONMENTAL ENGINEERING

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Insured
The S2 HR Group, LLC dba Engage PEO (A PEO)
Chen Moore & Associates, Inc. (A client of PEO)
Insurance Company

Effective Policy No.
WC013220615

Endorsement No. 65471029
Premium

Countersigned by _____



Illinois National Insurance Co.

WC 00 03 13
(Ed. 4-84)

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/14/2021

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 Libertate Insurance Services, LLC 20 N. Orange Avenue, Suite 500 Orlando, FL 32801 www.libertateins.com	CONTACT NAME: Engage PEO Certificate of Insurance Dept.	
	PHONE (A/C, No, Ext): 727-565-2950	FAX (A/C, No): 727-214-9088
E-MAIL ADDRESS: wc@engagepeo.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Illinois National Insurance Co.		23817
INSURED The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) 3001 Executive Drive, Suite 340 St. Petersburg FL 33762		
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 65471028 **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
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	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	WC013220615	1/1/2022	1/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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

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

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) RFQ No. 12464-416 3.0 WATER AND WASTEWATER SYSTEMS

CERTIFICATE HOLDER 191083-FL City of Fort Lauderdale Procurement Services Division 100 N. Andrews Avenue Fort Lauderdale FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Paul R. Hughes
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 This certificate cancels and supersedes ALL previously issued certificates.

WORKERS COMPENSATION AND EMPLOYERS LIABILITY INSURANCE POLICY

WC 00 03 13

(Ed. 4-84)

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

City of Fort Lauderdale
Procurement Services Division
100 N. Andrews Avenue
Fort Lauderdale FL 33301


Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) RFQ No. 12464-416 3.0 WATER AND WASTEWATER SYSTEMS

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Insured
The S2 HR Group, LLC dba Engage PEO (A PEO)
Chen Moore & Associates, Inc. (A client of PEO)
Insurance Company

Effective Policy No.
WC013220615
Countersigned by _____

Endorsement No. 65471028
Premium


Illinois National Insurance Co.

WC 00 03 13
(Ed. 4-84)

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65471028 | 21/22 WC (Florida Master Only) Ill National | Mary Beth Eaton | 12/14/2021 10:55:13 PM (PST) | Page 2 of 2
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/14/2021

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PRODUCER Libertate Insurance Services, LLC 20 N. Orange Avenue, Suite 500 Orlando, FL 32801 www.libertateins.com	CONTACT NAME: Engage PEO Certificate of Insurance Dept. PHONE (A/C, No, Ext): 727-565-2950 FAX (A/C, No): 727-214-9088 E-MAIL ADDRESS: wc@engagepeo.com
	INSURER(S) AFFORDING COVERAGE INSURER A: Illinois National Insurance Co. NAIC # 23817 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
INSURED The S2 HR Group, LLC dba Engage PEO (A PEO) Chen Moore & Associates, Inc. (A client of PEO) 3001 Executive Drive, Suite 340 St. Petersburg FL 33762	

COVERAGES **CERTIFICATE NUMBER:** 65471027 **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
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	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	WC013220615	1/1/2022	1/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> 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

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

Coverage is provided to the leased employees of, but not the subcontractors of, The S2 HR Group, LLC dba Engage PEO (A PEO)
 Chen Moore & Associates, Inc. (A client of PEO)
 RE-BID Design Build Pump Station B-4 Redundant Force Main P12567 RFP 12470-416

CERTIFICATE HOLDER 191083-FL City of Fort Lauderdale 100 N Andrews Avenue, Suite 619 Fort Lauderdale FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Paul R. Hughes
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65471027 | 21/22 WC (Florida Master Only) Ill National | Mary Beth Eaton | 12/14/2021 10:55:13 PM (PST) | Page 1 of 2
 This certificate cancels and supersedes ALL previously issued certificates.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement changes the policy to which it is attached effective on inception date of the policy unless a different date is indicated below.

This endorsement, effective 12:01 AM forms a part of Policy No. WC013220615

Issued to The S2 HR Group, LLC dba Engage PEO (A PEO)
Chen Moore & Associates, Inc. (A client of PEO)

By Illinois National Insurance Co.

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

Schedule

Blanket Waiver of Subrogation applies as
per written contract

This form is not applicable in Kansas for private construction contracts as defined in K.S.A. 16-1801 through K.S.A. 16-1807 or public construction contracts as defined in K.S.A. 16-1901 through 16-1908, except where permitted by statute or other applicable law, such as for use in wrap-up insurance programs.

Any person or organization for which the employer has agreed by written contract, executed prior to loss, may execute a waiver of subrogation. However, for purposes of work performed by the employer in Missouri, this waiver of subrogation does not apply to any construction group of classifications as designated by the waiver of right to recover from others (subrogation) rule in our manual.

This form is not applicable in California, Kentucky, New Hampshire, New Jersey, Texas, or Utah.

WC 00 03 13
(Ed. 04/84)

Countersigned by



12/14/2021

Authorized Representative

65471027 | 21/22 WC (Florida Master Only) Ill National | Mary Beth Eaton | 12/14/2021 10:55:13 PM (PST) | Page 2 of 2
This certificate cancels and supersedes ALL previously issued certificates.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/27/2022

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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 Lassiter-Ware Insurance 1300 N. Westshore Blvd. Suite 110 Tampa FL 33607	CONTACT NAME: Wendy Tyree PHONE (A/C, No, Ext): (800) 845-8437 FAX (A/C, No): (888) 883-8680 E-MAIL ADDRESS: wendyt@lassiterware.com	
	INSURER(S) AFFORDING COVERAGE NAIC # INSURER A : Crum & Forster Specialty Insurance Co 44520 INSURER B : Old Dominion Insurance Co. 40231 INSURER C : INSURER D : INSURER E : INSURER F :	
INSURED Chen Moore & Associates, Inc. 500 W. Cypress Creek Road Suite 630 Fort Lauderdale FL 33309		

COVERAGES **CERTIFICATE NUMBER:** 22-23 Cert **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	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractors Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	Y	Y	EPK138072	01/01/2022	01/01/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	B1T2667W	01/01/2022	01/01/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP-Basic \$ 10,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			EFX119437	01/01/2022	01/01/2023	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ PER STATUTE OTH-ER
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability (Claims-Made) Limits included with General Liability			EPK138072	01/01/2022	01/01/2023	Each Claim \$1,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 All supporting endorsement(s) and policy form(s) attached, if any, comprise the Certificate of Liability Insurance in its entirety. Please review these endorsement(s) and policy form(s) as certain coverage provided by them may only apply when a written contract or agreement between the parties requires such coverage be provided.

The attached page(s) noting additional terms, conditions, coverage and/or comments applies.

CERTIFICATE HOLDER City of Fort Lauderdale Procurement Services Division 100 N. Andrews Avenue 6th Floor Fort Lauderdale FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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ACORD 25 (2016/03)

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AGENCY CUSTOMER ID: 00037454

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page ____ of ____

AGENCY Lassiter-Ware Insurance		NAMED INSURED Chen Moore & Associates, Inc.	
POLICY NUMBER			
CARRIER	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability Insurance: Notes

The City, a Florida municipal corporation, its officials, employees, and volunteers are included as additional insured under the terms and conditions of the attached forms on the General Liability and Automobile Liability policies, on a primary and non-contributory basis, when additional insured status is required by written contract. Blanket Waiver of Subrogation is included as part of the General Liability and Automobile Liability policies and apply when required by written contract, provided the contract is executed prior to any loss. Excess Liability extends over the underlying General Liability, Contractors Pollution Liability, Automobile Liability, Professional Liability and Workers' Compensation policies per the terms and conditions of the policy. Cancellation: Thirty (30) days' notice except for Ten (10) days' notice for non-payment of premium.



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
CONTRACTORS POLLUTION LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) or Organization(s)
Blanket when specifically required in a written contract with the named insured.

SECTION III – WHO IS AN INSURED within the Common Provisions is amended to include as an additional insured the person(s) or organization(s) indicated in the Schedule shown above, but only with respect to liability caused, in whole or in part, by “your work” for that insured which is performed by you or by those acting on your behalf.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS –
COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Person(s) or Organization(s):	Location And Description Of Completed Operations
Blanket when specifically required in a written contract with the named insured.	Blanket when specifically required in a written contract with the named insured.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section III – Who Is An Insured within the Common Provisions is amended to include as an insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for “bodily injury” or “property damage” caused, in whole or in part, by “your work” at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the “products-completed operations hazard”.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NON-CONTRIBUTORY ADDITIONAL INSURED
WITH WAIVER OF SUBROGATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
CONTRACTORS POLLUTION LIABILITY COVERAGE PART
ERRORS AND OMISSIONS LIABILITY COVERAGE PART
THIRD PARTY POLLUTION LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) or Organization(s)
Blanket when specifically required in a written contract with the named insured.

A. **SECTION III – WHO IS AN INSURED** within the Common Provisions is amended to include as an additional insured the person(s) or organization(s) indicated in the Schedule shown above, but solely with respect to “claims” caused in whole or in part, by “your work” for that person or organization performed by you, or by those acting on your behalf.

This insurance shall be primary and non-contributory, but only in the event of a named insured’s sole negligence.

B. We waive any right of recovery we may have against the person(s) or organization(s) indicated in the Schedule shown above because of payments we make for “damages” arising out of “your work” performed under a designated project or contract with that person(s) or organization(s).

C. This Endorsement does not reinstate or increase the Limits of Insurance applicable to any “claim” to which the coverage afforded by this Endorsement applies.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**AMENDED WAIVER OF TRANSFER OF RIGHTS
OF RECOVERY AGAINST OTHERS TO US**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
CONTRACTORS POLLUTION LIABILITY COVERAGE PART
ERRORS AND OMISSIONS LIABILITY COVERAGE PART
THIRD PARTY POLLUTION LIABILITY COVERAGE PART
ONSITE CLEANUP COVERAGE PART

SCHEDULE

Name of Person(s) or Organization(s)
Blanket when specifically required in a written contract with the named insured.

SECTION VI – COMMON CONDITIONS, item 17. Transfer Of Rights of Recovery Against Others To Us within the Common Provisions is amended by the addition of the following:

Solely as respects the person(s) or organization(s) indicated in the Schedule shown above, we waive any right of recovery we may have against the person(s) or organization(s) indicated in the Schedule shown above because of payments we make for “damages” arising out of your ongoing operations or “your work” performed under a written contract with that person(s) or organization(s) and included in the “products-completed operations hazard”.

However, this waiver shall not apply to “damages” resulting from the sole negligence of the person(s) or organization(s) indicated in the Schedule shown above.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY REMAIN UNCHANGED.

POLICY NUMBER: B1T2667W

COMMERCIAL AUTOMOBILE**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.****COMMERCIAL AUTOMOBILE ELITE ENDORSEMENT**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

1. BROAD FORM INSURED**A. Subsidiaries and Newly Acquired or Formed Organizations**

The Named Insured shown in the Declarations is amended to include:

- (1) Any legally incorporated subsidiary in which you own more than 50% of the voting stock on the effective date of the Coverage Form. However, the Named Insured does not include any subsidiary:
 - (a) That is an "insured" under any other automobile policy or
 - (b) That would be an "insured" under such a policy but for (i) its termination or (ii) the exhaustion of its Limit of Insurance.
- (2) Any organization that is acquired or formed by you and over which you maintain majority ownership. However, the Named Insured does not include any newly formed or acquired organization:
 - (a) That is a partnership, joint venture or limited liability company,
 - (b) That is an "insured" under any other policy,
 - (c) That has exhausted its Limit of Insurance under any other policy, or
 - (d) 180 days or more after its acquisition or formation by you, unless you have given us notice of the acquisition or formation.

Coverage does not apply to "bodily injury" or "property damage" that results from an "accident" that occurred before you formed or acquired the organization.

B. Employees as Insureds

Paragraph **A.1. - WHO IS AN INSURED - of SECTION II - LIABILITY COVERAGE** is amended to add:

Any "employee" of yours while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

C. Lessors as Insureds

Paragraph **A.1 - WHO IS AN INSURED of Section II - LIABILITY COVERAGE** is amended to add:

- e. The lessor of a covered "auto" while the "auto" is leased to you under a written agreement if:
 - (1) The agreement requires you to provide direct primary insurance for the lessor and
 - (2) The "auto" is leased without a driver. Such a leased "auto" will be considered a covered "auto" you own and not a covered "auto" you hire.

2. ADDITIONAL INSURED BY CONTRACT, PERMIT OR AGREEMENT

The following is added to **A.1 WHO IS AN INSURED of SECTION II - LIABILITY COVERAGE**:

Any person or organization for whom you are required to name as an additional insured in a written contract or agreement that is executed or signed by you prior to a "bodily injury" or "property damage" occurrence is an "insured" for liability coverage, but only to the extent that person or organization qualifies as an "insured" under the **WHO IS AN INSURED** provision contained in **SECTION II** of the coverage form.

If specifically required by the written contract or agreement referenced in the paragraph above, any coverage provided by this endorsement to an additional insured shall be primary and any other valid and collectible insurance available to the additional insured shall be non-contributory with this insurance. If the written contract does not require this coverage to be primary and the additional insured's coverage to be non-contributory, then this insurance will be excess

over any other valid and collectible insurance available to the additional insured.

3. AUTOS RENTED BY EMPLOYEES

Any "auto" hired or rented by your "employee" on your behalf and at your direction will be considered an "auto" you hire.

The **OTHER INSURANCE** Condition is amended by adding the following:

If an "employee's" personal insurance also applies on an excess basis to a covered "auto" hired or rented by your "employee" on your behalf and at your direction, this insurance will be primary to the "employee's" personal insurance.

4. HIRED AUTO PHYSICAL DAMAGE COVERAGE

If hired "autos" are covered "autos" for Liability Coverage and if Comprehensive, Specified Causes of Loss, or Collision coverages are provided under this Coverage Form for any "auto" you own, then the Physical Damage Coverages provided are extended to "autos" you hire or borrow, subject to the following limit. The most we will pay for "loss" to any hired "auto" is:

- (1) \$50,000;
- (2) The actual cash value of the damaged or stolen property at the time of the "loss"; or
- (3) The cost of repairing or replacing the damaged or stolen property,

whichever is smallest, minus a deductible. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage. No deductible applies to "loss" caused by fire or lightning. Hired Auto Physical Damage coverage is excess over any other collectible insurance. Subject to the above limit, deductible and excess provisions, we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own.

We will also cover loss of use of the hired "auto" if it results from an "accident", you are legally liable and the lessor incurs an actual financial loss, subject to a maximum of \$1,000 per "accident".

This extension of coverage does not apply to any "auto" you hire or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company), or members of their households.

5. PHYSICAL DAMAGE – ADDITIONAL TEMPORARY TRANSPORTATION EXPENSE COVERAGE

Paragraph **A.4.a. of SECTION III – PHYSICAL DAMAGE COVERAGE** is amended to provide a limit of \$75 per day and a maximum limit of \$2,250.

6. EXTRA EXPENSE – BROADENED COVERAGE

Under paragraph **A. of SECTION III – PHYSICAL DAMAGE COVERAGE**, the following Coverage is added:

We will pay for the expense of returning a stolen covered "auto" to you subject to Paragraph **C. Limit of Insurance**.

7. LEASE GAP COVERAGE

Under **SECTION III - PHYSICAL DAMAGE COVERAGE**, if a long-term leased "auto" is a covered "auto" and the lessor is named as an Additional Insured - Lessor, we will pay in the event of a total "loss" your additional legal obligation to the lessor for any difference between the actual cash value of the "auto" at the time of the "loss" and the "outstanding balance" of the lease.

"Outstanding balance" means the amount you owe on the lease at the time of "loss" less any amounts representing taxes; overdue payments; penalties, interest or charges resulting from overdue payments; additional mileage charges; excess wear and tear charges; lease termination fees.

8. AIRBAG COVERAGE

Under Paragraph **B. Exclusions of SECTION III - PHYSICAL DAMAGE COVERAGE**, the following is added:

The exclusion relating to mechanical breakdown does not apply to the accidental discharge of an air bag.

9. AMENDED DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT, OR LOSS

The requirement in **2.a of A. Loss Conditions, 2. Duties in the Event Of Accident, Claim, Suit or Loss of SECTION IV – BUSINESS AUTO CONDITIONS** that you must notify us of an "accident" applies only when the "accident" is known to:

- (1) You, if you are an individual
- (2) A partner, if you are a partnership; or

- (3) A member, if you are a limited liability company; or
- (4) An executive officer or insurance manager, if you are a corporation.

10. UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS

If you unintentionally fail to disclose any hazards existing at the inception date of your policy, we will not deny coverage under this Coverage Form because of such failure.

11. WAIVER OF SUBROGATION

Transfer Of Rights Of Recovery Against Others To Us of SECTION IV – BUSINESS AUTO CONDITIONS is amended by adding the following:

We waive any right of recovery we may have against any person or organization to or for whom we make payment and with whom you have a written contract that requires such waiver because of payments we make for damages under this Coverage Form.

12. RESULTANT MENTAL ANGUISH COVERAGE

The definition of "bodily injury" in **SECTION V – DEFINITIONS** is replaced by the following:

"Bodily injury" means bodily injury, sickness, or disease sustained by any person, including mental anguish or death resulting from any of these.

13. NOTICE OF CANCELLATION TO THIRD PARTY

The following is added to **A.2., Cancellation of COMMON POLICY CONDITIONS**

If we initiate a cancellation or non-renewal for any reason, other than non-payment of premium, we will mail notice of cancellation to the person or organization scheduled on the policy as an additional insured 30 days before the effective date of cancellation. We will mail such notice to the address of the Additional Insured scheduled on the policy and in at least 30 days before the effective date of the cancellation or non-renewal.

If the Insured initiates the cancellation or in case of non-payment of premium, we will not mail advance notice but, a final cancellation notice will be sent to the person or organization scheduled on the policy as an additional insured. We will mail such notice to the additional insured address upon final cancellation of the policy.

14. Vehicle wrap coverage

Paragraph **A. Coverage of SECTION III – PHYSICAL DAMAGE COVERAGE** is amended to include the following additional paragraph:

Vehicle Wrap

In the event of a "loss" to a covered "auto", we will provide the following coverage if such "loss" is caused by:

- A. Other than collision only if the Declarations indicates that comprehensive Coverage is provided for the covered "auto";
- B. Specified Causes Of Loss only if the Declarations indicates that Specified Causes Of Loss Coverage is provided for the covered "auto"; or
- C. Collision only if the Declarations indicates that Collision Coverage is provided for the covered "auto".

We will pay for "loss" to a "vehicle wrap" that is installed on the covered "auto". The most we will pay for "loss" is \$5,000 per policy period.

We will not pay for "loss" due to and confined to wear and tear; or damage to paint or the vehicle caused by faulty installation of a "vehicle wrap".

The "vehicle wrap" is subject to the Comprehensive deductible for the covered "auto", except in the event of a "loss" to a covered "auto" for which such vehicle is involved in a collision and there is both:

- (1) Collision damage to the vehicle; and
- (2) Damage to the "vehicle wrap"

Then the collision deductible will apply.

If the "vehicle wrap" is damaged in a collision the lesser of replacement cost or original purchase cost of the "vehicle wrap" will apply.

SECTION V. DEFINITIONS is amended to include the following additional definition.

"Vehicle Wrap" means self-adhesive vinyl decals or sheets applied to the exterior body or window of a covered "auto". Signs or other graphics painted or magnetically affixed to the vehicle are not considered vehicle wraps.

15. GARAGEKEEPERS

The most current version of endorsement CA 99 37 that is approved in your state is added to the policy on an Excess insurance basis with a maximum limit of \$10,000 and a \$500 deductible for each Customer's Auto for all perils. The limit is applicable on a blanket basis to all Insured owned locations.

16. ORIGINAL EQUIPMENT MANUFACTURER REPLACEMENT PARTS

SECTION III – PHYSICAL DAMAGE COVERAGE, C. Limits of Insurance, Paragraph 1. Is amended to include:

However, if the covered "auto" has less than 36,000 miles on its odometer, then the following condition will apply:

We will pay the cost to replace the damaged parts (excluding glass and mechanical parts) with new Original Equipment Manufacturer replacement parts if the damaged parts cannot be repaired.

17. FIRE DEPARTMENT SERVICE CHARGE

Paragraph A.4. Coverage Extensions of **SECTION III – PHYSICAL DAMAGE COVERAGE** is amended by adding the following:

c. Fire Department Service Charge

When a fire department is called to save or protect a covered "auto", its equipment, its contents, or occupants from a covered cause of loss, we will pay up to \$1,500 for your liability for fire department service charges:

- (1) Assumed by contract or agreement prior to loss; or
- (2) Required by local ordinance

No deductible applies to this additional coverage.

Supplier Response Form
LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

Section 2-186, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-17-26), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this bid/proposal, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference, the Bidder shall, within ten (10) calendar days, submit the following documentation for the Local Business Preference Class claimed:

- a) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- b) List of the names of all employees of the bidder and evidence of employees' residences within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-186LOBUPR&showChanges=true

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City, **and** shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
2. Class B Business - shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, **or** shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
3. Class C Business - shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 04/07/2021

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).

COVERAGES CERTIFICATE NUMBER: CL214706030 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.

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSD, SUBR WVD, POLICY NUMBER, POLICY EFF (MM/DD/YYYY), POLICY EXP (MM/DD/YYYY), LIMITS. Rows include Commercial General Liability, Automobile Liability, Umbrella Liability, Workers Compensation and Employers' Liability, and Professional Liability.

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

CERTIFICATE HOLDER CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE [Signature]

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Client#: 489247

INFRACOR

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/26/2022

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.

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PRODUCER USI Insurance Services LLC-CL 4840 Cox Road, Suite 150 Glen Allen, VA 23060 804 200-5200	CONTACT NAME: Lisa Meyer
	PHONE (A/C, No, Ext): 804 200-5227 FAX (A/C, No): 610 537-4179 E-MAIL ADDRESS: lisa.meyer@usi.com
INSURED InfraMap Corp. and Utiliscope Corporation 10365-10367 Cedar Lane Glen Allen, VA 23059	INSURER(S) AFFORDING COVERAGE NAIC #
	INSURER A : Travelers Indemnity Company 25658
	INSURER B : Travelers Property Cas. Co. of America 25674
	INSURER C : Travelers Casualty and Surety Company 19038
	INSURER D : Continental Casualty Company 20443
	INSURER E : Charter Oak Fire Insurance Company 25615
INSURER F :	


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

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INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY		6805H5695222147	09/22/2021	09/22/2022	EACH OCCURRENCE \$2,000,000
B	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR		6802H67943A2147	09/22/2021	09/22/2022	DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 \$
GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						
E	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY		BA8P98392022147G	09/22/2021	09/22/2022	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10000		CUP2C3030172147	09/22/2021	09/22/2022	EACH OCCURRENCE \$10,000,000 AGGREGATE \$10,000,000 \$
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	UB5J7768932147G	09/22/2021	09/22/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
E	Auto Phys Damage		BA8P98392022147G	09/22/2021	09/22/2022	\$500 Comp/\$1000 Coll
D	Professional Liab & Pollution Incid		MCH591923116	09/22/2021	09/22/2022	\$5,000,000 \$5,000,000

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

RE: Project #11465, RFQ #12622-926, Design Criteria Package - 17th Street Causeway - Large Water Main Replacement.
The General Liability policy include an Additional Insured endorsement that provides Additional Insured status to Chen Moore and Associates and City of Fort Lauderdale, while performing their specific job duty, only when there is a written contract that requires such status, and only with regard to work performed by or on behalf of the named insured.

CERTIFICATE HOLDER City of Fort Lauderdale 100 N. Andrews Avenue Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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ACORD 25 (2016/03) 1 of 1
#S34786419/M33311428

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RMSZP



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
02/01/2022

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.

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PRODUCER Pearl Insurance 1200 E Glen Ave Peoria Heights, IL. 61611	CONTACT NAME: PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%;">INSURER(S) AFFORDING COVERAGE</th> <th style="width: 20%;">NAIC #</th> </tr> <tr> <td>INSURER A : Twin City Fire Insurance Company</td> <td>29459</td> </tr> <tr> <td>INSURER B : Underwriters at Lloyd's of London AMB085202</td> <td>AA-1122000</td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Twin City Fire Insurance Company	29459	INSURER B : Underwriters at Lloyd's of London AMB085202	AA-1122000	INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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INSURED PanGeo Consultants LLC 8258 West State Rd 84 Davie, FL 33324															

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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PRODUCTS - COMP/OP AGG	\$ 2,000,000																				
Employment Practices	\$ 10,000																				
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td style="text-align: right;">\$</td></tr> <tr><td>BODILY INJURY (Per person)</td><td style="text-align: right;">\$</td></tr> <tr><td>BODILY INJURY (Per accident)</td><td style="text-align: right;">\$</td></tr> <tr><td>PROPERTY DAMAGE (Per accident)</td><td style="text-align: right;">\$</td></tr> <tr><td></td><td style="text-align: right;">\$</td></tr> </table>	COMBINED SINGLE LIMIT (Ea accident)	\$	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$		\$				
COMBINED SINGLE LIMIT (Ea accident)	\$																				
BODILY INJURY (Per person)	\$																				
BODILY INJURY (Per accident)	\$																				
PROPERTY DAMAGE (Per accident)	\$																				
	\$																				
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED _____ RETENTION \$ _____						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>EACH OCCURRENCE</td><td style="text-align: right;">\$</td></tr> <tr><td>AGGREGATE</td><td style="text-align: right;">\$</td></tr> <tr><td></td><td style="text-align: right;">\$</td></tr> </table>	EACH OCCURRENCE	\$	AGGREGATE	\$		\$								
EACH OCCURRENCE	\$																				
AGGREGATE	\$																				
	\$																				
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PER STATUTE</td> <td style="width: 50%;">OTH-ER</td> </tr> <tr><td>E.L. EACH ACCIDENT</td><td style="text-align: right;">\$</td></tr> <tr><td>E.L. DISEASE - EA EMPLOYEE</td><td style="text-align: right;">\$</td></tr> <tr><td>E.L. DISEASE - POLICY LIMIT</td><td style="text-align: right;">\$</td></tr> </table>	PER STATUTE	OTH-ER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$						
PER STATUTE	OTH-ER																				
E.L. EACH ACCIDENT	\$																				
E.L. DISEASE - EA EMPLOYEE	\$																				
E.L. DISEASE - POLICY LIMIT	\$																				
B	Professional Liability Retroactive Date: 04/12/2017	N	N	2201381-04	04/12/2021	04/12/2022	\$100,000 per claim \$300,000 aggregate \$5,000 deductible														

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Loc 1: 2109 SW 10th Ave, Fort Lauderdale FL 33315; Loc 2: 8258 W SR 84, Davie, FL. 33324

Certificate holder is, when required by written contract, written agreement or permit, afforded Additional Insured Coverage, Waiver of Subrogation under General Liability Coverage Form SS 00 08 04 05 and is primary and noncontributory. Notice of Cancellation form SS 12 24 06 11.

CERTIFICATE HOLDER City of Fort Lauderdale 100 N Andrews Ave Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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ACORD 25 (2016/03)

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
02/01/2022

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.

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PRODUCER Pearl Insurance 1200 E Glen Ave Peoria Heights, IL. 61611	CONTACT NAME: PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____	
	INSURER(S) AFFORDING COVERAGE INSURER A: Twin City Fire Insurance Company NAIC # 29459 INSURER B: Underwriters at Lloyd's of London AMB085202 AA-1122000 INSURER C: _____ INSURER D: _____ INSURER E: _____ INSURER F: _____	
INSURED PanGeo Consultants LLC 8258 West State Rd 84 Davie, FL 33324		

COVERAGES **CERTIFICATE NUMBER:** **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	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: _____	Y	Y	83SBMIX9566	09/05/2021	09/05/2022	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 Employment Practices \$ 10,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED _____ RETENTION \$ _____						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					PER STATUTE _____ OTH-ER _____ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Professional Liability Retroactive Date: 04/12/2017	N	N	2201381-04	04/12/2021	04/12/2022	\$100,000 per claim \$300,000 aggregate \$5,000 deductible

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Loc 1: 2109 SW 10th Ave, Fort Lauderdale FL 33315; Loc 2: 8258 W SR 84, Davie, FL. 33324

Certificate holder is, when required by written contract, written agreement or permit, afforded Additional Insured Coverage, Waiver of Subrogation under General Liability Coverage Form SS 00 08 04 05 and is primary and noncontributory. Notice of Cancellation form SS 12 24 06 11.

CERTIFICATE HOLDER City of Fort Lauderdale 100 N Andrews Ave Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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ACORD 25 (2016/03)

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/11/2021

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.

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PRODUCER JDA Insurance Group 120 N. Federal Hwy., #301 Lake Worth FL 33460		CONTACT NAME: Nayra Paiva PHONE (A/C, No, Ext): (561) 296-0373 FAX (A/C, No): (561) 828-0997 E-MAIL ADDRESS: nayra@thedagroup.com	
		INSURER(S) AFFORDING COVERAGE INSURER A : American Hallmark Insurance Company of Texas	NAIC # 43494
INSURED MOTPlans.com LLC 631 NE 45th St Oakland Park FL 33334		INSURER B : INSURER C : INSURER D : INSURER E : INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** CL218600704 **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
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			A09900005-0	08/05/2021	08/05/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

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

CERTIFICATE HOLDER **CANCELLATION**

City of Fort Lauderdale - Procurement Services Dept. 100 N. Andrews Ave. Room 619 Fort Lauderdale FL 33301	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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ACORD 25 (2016/03)

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MOTPL-1

OP ID: AM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
08/30/2021

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.

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PRODUCER Gulfstream Insurance Group Inc P.O. Box 8908 Fort Lauderdale, FL 33310-8908 John Self	954-561-2220	CONTACT NAME: PHONE (A/C, No, Ext): 954-561-2220 FAX (A/C, No): 954-566-0673 E-MAIL ADDRESS:
	INSURER(S) AFFORDING COVERAGE INSURER A : Ascot Specialty Ins Co INSURER B : National Union Fire Ins. Co. 19445 INSURER C : Travelers Casualty & Surety 19038 INSURER D : INSURER E : INSURER F :	
INSURED MOTPlans.com LLC 631 NE 45 Street Oakland Park, FL 33334	NAIC #	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X		ESGL2110000209-01	04/09/2021	04/09/2022	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
							MED EXP (Any one person) \$ excluded
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			086488787	04/09/2021	04/09/2022	EACH OCCURRENCE \$ 5,000,000
							AGGREGATE \$ 5,000,000
							Follow GL \$ Form
							PER STATUTE OTH-ER
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
C	Professional Liab			107104769	06/27/2021	06/27/2022	Prof Liab \$2M/\$2M

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

Additional insured status is provided with respect to general liability when required by written contract with the named insured per form CG2010(0413).

CERTIFICATE HOLDER FTLAUDE City of Fort Lauderdale Procurement Service Dept. Room 619 100 N. Andrews Ave. Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



MOTPL-1

OP ID: NG

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/15/2021

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PRODUCER Workers Compensation Group P O Box 410 Boca Raton, FL 33429-0410 Kirby Industries, Inc.	561-392-3300	CONTACT NAME: Kirby Industries, Inc. PHONE (A/C, No, Ext): 561-392-3300 FAX (A/C, No): 561-361-1132 E-MAIL ADDRESS: certs@workerscompgroup.com													
	<table border="1"> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A : Bridgefield Casualty Ins</td> <td>10335</td> </tr> <tr> <td>INSURER B :</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Bridgefield Casualty Ins	10335	INSURER B :		INSURER C :		INSURER D :		INSURER E :		INSURER F :
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Bridgefield Casualty Ins	10335														
INSURER B :															
INSURER C :															
INSURER D :															
INSURER E :															
INSURER F :															
INSURED MotPlans.com, LLC 631 NE 45th St Oakland Park, FL 33334															

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WYVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS																				
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$																				
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$																				
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$																				
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A	196-44854	01/01/2022	01/01/2023	<table border="1"> <tr> <td></td> <td>PER STATUTE</td> <td><input checked="" type="checkbox"/></td> <td>OTH-ER</td> <td></td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$</td> <td></td> <td></td> <td>1,000,000</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$</td> <td></td> <td></td> <td>1,000,000</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$</td> <td></td> <td></td> <td>1,000,000</td> </tr> </table>		PER STATUTE	<input checked="" type="checkbox"/>	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
	PER STATUTE	<input checked="" type="checkbox"/>	OTH-ER																								
E.L. EACH ACCIDENT	\$			1,000,000																							
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER FORTLA4 City of Fort Lauderdale 100 N Andrews Ave 6 Floor Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

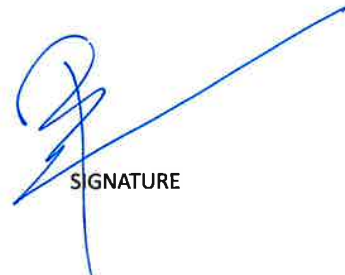
The Business identified below certifies that it qualifies for the local business preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this bid/proposal. Violation of the foregoing provision may result in contract termination.

- (1) (Business Name) is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and evidence of their addresses shall be provided within ten (10) calendar days of a formal request by the City.
- (2) Chen Moore and Associates, Inc. (Business Name) is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the Business Tax Receipt or a complete list of full-time employees and evidence of their addresses shall be provided within ten (10) calendar days of a formal request by the City.
- (3) (Business Name) is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the Broward County Business Tax Receipt shall be provided within ten (10) calendar days of a formal request by the City.
- (4) (Business Name) is a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186, and does not qualify for Local Preference consideration.
- (5) (Business Name) requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.
- (6) (Business Name) requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.

BIDDER'S COMPANY: Chen Moore and Associates, Inc.

AUTHORIZED Peter Moore, P.E., F.ASCE, FACEC, President
COMPANY
PERSON:

PRINT NAME



SIGNATURE

February 7, 2022

DATE

Supplier Response Form



DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business enterprise preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within **ten (10)** calendar days, submit the following documentation to the DBE Class claimed:

- a) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**
- b) List of the names of all employees of the bidder and evidence of employees' residences within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business enterprise preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING

LINK: https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-185EQOPDIBUEN&showChanges=true

Definitions

- a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the City with full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- d. The term "disadvantaged class 4 enterprise" shall mean any disadvantaged business enterprise that does not qualify as a Class 1, Class 2, or Class 3 business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than **thirty (30)** calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

- (1) N/A
(Business Name) is a disadvantaged **Class 1** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- (2) (Business Name) is a disadvantaged **Class 2** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the City with full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- (3) (Business Name) is a disadvantaged **Class 3** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- (4) (Business Name) is a disadvantaged **Class 4** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class 1, Class 2, or Class 3 business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City's Procurement Manual.
- (5) (Business Name) requests a **Conditional Class 1** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.
- (6) (Business Name) requests a **Conditional Class 2** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.

BIDDER'S COMPANY: Chen Moore and Associates, Inc.

AUTHORIZED COMPANY PERSON: Peter Moore, P.E., F.ASCE, FACEC, President

PRINT NAME

SIGNATURE

February 7, 2022

DATE

Supplier Response Form

NON-COLLUSION STATEMENT:

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

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

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

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

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

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

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

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

Authorized Signature

Title President

Peter Moore, P.E., F.ASCE, FACEC February 7, 2022

Name (Printed)

Date

Supplier Response Form

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

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

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

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

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

Authorized Signature

February 7, 2022

Date

*

Peter Moore, P.E., F.ASCE, FACEC, President

*

Print Name and Title

**Supplier Response Form
E-VERIFY AFFIRMATION STATEMENT**

RFP/Bid /Contract No: RFQ #12622-926

Project Description: Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Chen Moore and Associates, Inc.

Authorized Company Person's Signature:

Peter Moore, P.E., F.ASCE, FACEC

Authorized Company Person's Title: President

Date: February 7, 2022

9/15/2020

Supplier Response Form CONTRACT PAYMENT METHOD

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

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

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

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

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

MasterCard

Visa

Chen Moore and Associates, Inc.
Company Name

Peter Moore, P.E., F.ASCE, FACEC
*
Name (Printed)

February 7, 2022 *
Date

*

*
Signature
President
*
Title

Supplier Response Form BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder to ensure that his bid is submitted electronically through www.BidSync.com prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

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

Company: (Legal Registration) * EIN (Optional):

Address: *

City: * State: * Zip: *

Telephone No.: * FAX No.: * Email: *

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions):

Total Bid Discount (section 1.05 of General Conditions):

Check box if your firm qualifies for MBE / SBE / WBE (section 1.09 of General Conditions):

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

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
No. 1	1/4/2022	No. 3	1/18/2022		
<input type="text" value="No 2."/>	<input type="text" value="* 1/5/2022"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **You must also click the "Take Exception" button.**

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal.

I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event

shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Peter Moore, P.E., F.ASCE, FACEC *

Name (printed)

February 7, 2022 *

Date

Signature

President

Title



Revised 4/28/2020



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

RFQ No. 12622-926

TITLE: Design Criteria Package – 17th Street Causeway Large Water Main Replacement

ADDENDUM NO.1

DATE: 1/4/2022


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

- **Adds Figure 1 – Location Map**

All other terms, conditions and specifications remain unchanged.

Paulette Hemmings Turner
Purchasing Specialist

Company Name: Chen Moore and Associates, Inc.
(Please print)

Bidder's Signature:  Peter Moore, P.E., F.ASCE, FACEC

Date: February 7, 2022

BID/PROPOSAL CERTIFICATION

Please Note: It is the sole responsibility of the bidder to ensure that his bid is submitted electronically through www.BidSync.com prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

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

Company: (Legal Registration) **Chen Moore and Associates, Inc.** EIN (Optional): **59-2739866**

Address: **500 West Cypress Creek Road Suite 630**

City: **Fort Lauderdale** State: **FL** Zip: **33309**

Telephone No.: **954.730.2030** FAX No.: **954.730.2030** Email: **pmoore@chenmoore.com**

Delivery: Calendar days after receipt of Purchase Order (**section 1.02 of General Conditions**): **tbd**

Total Bid Discount (**section 1.05 of General Conditions**): **0**

Check box if your firm qualifies for MBE / SBE / WBE (**section 1.09 of General Conditions**):

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

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
1	1/4/2022	3	1/18/2022		
2	1/5/2022				

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **You must also click the "Take Exception" button.**

N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal.

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

Submitted by:

Peter Moore, P.E., F.ASCE, FACEC
Name (printed)

2/7/2022
Date

Peter Moore, P.E., F.ASCE, FACEC
Signature

President
Title

Revised 4/28/2020

NON-COLLUSION STATEMENT:

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

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

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

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

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

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

NAME

RELATIONSHIPS

N/A

N/A

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

Peter Moore, P.E., F.ASCE, FACEC
Authorized Signature

President
Title

Peter Moore, P.E., F.ASCE, FACEC
Name (Printed)

2/7/2022
Date

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

Section 2-186, Code of Ordinances of the City of Fort Lauderdale, (Ordinance No. C-17-26), provides for a local business preference.

In order to be considered for a local business preference, a bidder must include the Local Business Preference Certification Statement of this bid/proposal, as applicable to the local business preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a Local Business Preference, the Bidder shall, within ten (10) calendar days, submit the following documentation for the Local Business Preference Class claimed:

- a) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **and**
- b) List of the names of all employees of the bidder and evidence of employees' residences within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the local business preference.

THE COMPLETE LOCAL BUSINESS PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK:

https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-186LOBUPR&showChanges=true

Definitions: The term "Business" shall mean a person, firm, corporation or other business entity which is duly licensed and authorized to engage in a particular work in the State of Florida. Business shall be broken down into four (4) types of classes:

1. Class A Business – shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone and staffed with full-time employees within the limits of the City, **and** shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
2. Class B Business - shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, **or** shall maintain a staffing level for the proposed work of at least fifty percent (50%) who are residents of the City of Fort Lauderdale.
3. Class C Business - shall mean any business that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of Broward County.
4. Class D Business – shall mean any Business that does not qualify as either a Class A, Class B, or Class C business.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local business preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this bid/proposal. Violation of the foregoing provision may result in contract termination.

- (1) **N/A**
 (Business Name) is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the City of Fort Lauderdale current year Business Tax Receipt **and** a complete list of full-time employees and evidence of their addresses shall be provided within ten (10) calendar days of a formal request by the City.
- (2) (Business Name) is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the Business Tax Receipt **or** a complete list of full-time employees and evidence of their addresses shall be provided within ten (10) calendar days of a formal request by the City.
- (3) (Business Name) is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186. A copy of the Broward County Business Tax Receipt shall be provided within ten (10) calendar days of a formal request by the City.
- (4) (Business Name) is a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec. 2-186, and does not qualify for Local Preference consideration.
- (5) (Business Name) requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.
- (6) (Business Name) requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.

BIDDER'S COMPANY: **Chen Moore and Associates, Inc.**

<p>AUTHORIZED PERSON:</p>	<p>COMPANY</p>	<p>Peter Moore, P.E., F.ASCE, FACEC PRINT NAME</p>	<p>Peter Moore, P.E., F.ASCE, FACEC, SIGNATURE</p>	<p>2/7/2022 DATE</p>
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Forms Non-ISO – Revised 7/2/2021



DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

Section 2-185, Code of Ordinances of the City of Fort Lauderdale, provides for a disadvantaged business enterprise preference.

In order to be considered for a DBE Preference, a bidder must include a certification from a government agency, as applicable to the DBE Preference class claimed **at the time of bid submittal**.

Upon formal request of the City, based on the application of a DBE Preference the Bidder shall, within **ten (10)** calendar days, submit the following documentation to the DBE Class claimed:

- a) Copy of City of Fort Lauderdale current year business tax receipt, **or** Broward County current year business tax receipt, **or** State of Florida active registration **and/or**
- b) List of the names of all employees of the bidder and evidence of employees' residences within the geographic bounds of the City of Fort Lauderdale or Broward County, as the case may be, such as current Florida driver license, residential utility bill (water, electric, telephone, cable television), or other type of similar documentation acceptable to the City.

Failure to comply at time of bid submittal shall result in the bidder being found ineligible for the disadvantaged business enterprise preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: https://library.municode.com/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTVFI_DIV2PR_S2-185EQOPDIBUEN&showChanges=true

Definitions

- a. The term "disadvantaged class 1 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- b. The term "disadvantaged class 2 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the City with full-time employees and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.
- c. The term "disadvantaged class 3 enterprise" shall mean any disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City's Procurement Manual.

- d. The term “disadvantaged class 4 enterprise” shall mean any disadvantaged business enterprise that does not qualify as a Class 1, Class 2, or Class 3 business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City’s Procurement Manual.

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise preference classification as indicated herein, and further certifies and agrees that it will re-affirm its preference classification annually no later than **thirty (30)** calendar days prior to the anniversary of the date of a contract awarded pursuant to this solicitation. Violation of the foregoing provision may result in contract termination.

- (1) **N/A**
(Business Name)

is a disadvantaged **Class 1** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the City, and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City’s Procurement Manual.
- (2) (Business Name)

is a disadvantaged **Class 2** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business within the limits of the City with full-time employee(s) and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City’s Procurement Manual.
- (3) (Business Name)

is a disadvantaged **Class 3** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that has established and agrees to maintain a permanent place of business located in a non-residential zone, staffed with full-time employees within the limits of the Tri-County area and provides supporting documentation of its City of Fort Lauderdale business tax and disadvantaged certification as established in the City’s Procurement Manual.
- (4) (Business Name)

is a disadvantaged **Class 4** enterprise as defined in the City of Fort Lauderdale Ordinance Section 2-185 disadvantaged business enterprise that does not qualify as a Class 1, Class 2, or Class 3 business, but is located in the State of Florida and provides supporting documentation of its disadvantaged certification as established in the City’s Procurement Manual.
- (5) (Business Name)

requests a **Conditional Class 1** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.
- (6) (Business Name)

requests a **Conditional Class 2** classification as defined in the City of Fort Lauderdale Ordinance No. C-17-26, Sec.2-186. Written certification of intent to meet the requirements shall be provided to the City within three (3) months of entering into a contract with the City.

BIDDER'S COMPANY: **Chen Moore and Associates, Inc.**

AUTHORIZED
PERSON:

COMPANY

**Peter Moore, P.E., F.ASCE,
FACEC
PRINT NAME**

**Peter Moore, P.E.,
F.ASCE, FACEC
SIGNATURE**

**2/7/2022
DATE**

Forms Non-Iso – revised 7/2/2021

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

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

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

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

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

Peter Moore, P.E., F.ASCE, FACEC,
Authorized Signature

Peter Moore, P.E., F.ASCE, FACEC, President
Print Name and Title

2/7/2022
Date

CONTRACT PAYMENT METHOD

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

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

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

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

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

MasterCard

Visa

Chen Moore and Associates, Inc.

Company Name

Peter Moore, P.E., F.ASCE, FACEC

Name (Printed)

2/7/2022

Date

Peter Moore, P.E., F.ASCE, FACEC

Signature

President

Title

E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: **RFQ #12622-926**

Project Description: **Design Criteria Package - 17th Street Causeway - Large Water Main Replacement Project #11465**

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: **Chen Moore and Associates, Inc.**

Authorized Company Person's Signature: **Peter Moore, P.E., F.ASCE, FACEC**

Authorized Company Person's Title: **President**

Date: **2/7/2022**

9/15/2020