

Murphy Pipeline Contractors, Inc.

Bid Contact **Todd Grafenauer**
toddg@murphypipelines.com
Ph 414-321-2247

Address **12235 New Berlin Road**
Jacksonville, FL 32216

Bid Notes **Noticed that the Qty of the bid say 2?**

So we have entered our bid number for Qty of 1 which has doubled due to you having Qty.2

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
12476-115--01-01	Gravity Pipe Improvements To The Downtown Collection System	Supplier Product Code:	First Offer - \$3,100,150.00	2 / lot	\$6,200,300.00	Y Y
12476-115--01-02	Alternate (Open Cut)	Supplier Product Code:	First Offer - \$3,821,599.50	2 / lot	\$7,643,199.00	Y Y
Bid Allowance			\$250,000.00			
					Supplier Total	\$13,843,499.00

Murphy Pipeline Contractors, Inc.

Item: **Gravity Pipe Improvements To The Downtown Collection System**

Attachments

Ft Lauderdale bid bond.pdf

Bid bond paper.pdf

MPCSubmittal Revised.pdf



Bond Number: SFL21376179

Contractor Information

Principal: Murphy Pipeline Contractors, LLC

Address: 12235 New Berlin Rd Jacksonville Florida 32226 United States

Owner/Obligee Information

Bond Form: Bid Bond in accordance with Contract Specifications

Owner/Obligee: City of Fort Lauderdale

Address: 100 North Andrews Ave Fort Lauderdale Florida 33301 United States

Bond Information

Surety: Everest Reinsurance Company

Bid Date: 9/7/2021

Estimated Contract Price:

Time For Completion:

Liquidated Damages:

Estimated Work On Hand:

Amount of Bid Security: Five Percent of Amount Bid

Contract # or IFB #: 12476-115

Description of Job: Gravity Pipe Improvements to the downtown Collection System

Job Breakdown:

Electronic Bidding Information

Bid Security Percentage: 5

Bid Security Maximum:

Owner Assigned Contractor Number:3736716860

Primary Agency:

Alliant Insurance Services, Inc.

Power of Attorney Limited to: Unlimited

Executed

Entered By: Victoria P. Parkerson - 8/31/2021 9:37:19 AM ET

Approved & Executed By:

Victoria P. Parkerson

Victoria P. Parkerson (Signed: 31-Aug-2021 09:37 AM EDT (UTC-04:00))

[Signature Information](#)

Know all men by these presents that Everest Reinsurance Company, a Corporation duly organized under the laws of the State of Delaware, are held and firmly bound unto the above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

CAM 22-0026

Exhibit # 5

Page 3 of 258



Document ID: [S2000-1001116210](#)

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Murphy Pipeline Contractors, LLC
12235 New Berlin Rd
Jacksonville, FL 32226

SURETY:

(Name, legal status and principal place of business)

Everest Reinsurance Company
P.O. Box 830
Liberty Corner, NJ 07938-0830
Mailing Address for Notices

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

City of Fort Lauderdale
100 N Andrews Ave
Fort Lauderdale, FL 33301

BOND AMOUNT: 5%

Five Percent of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

RFP No. 12476-115, Gravity Pipe Improvements to the downtown Collection System

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 6th day of October, 2020.

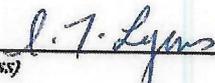


(Witness)

Murphy Pipeline Contractors, LLC
(Principal) _____ (Seal)

By: 

(Title)



(Witness)

Everest Reinsurance Company
(Surety) _____ (Seal)

By: 

(Title) Victoria P. Parkerson, Attorney-in-Fact



S-0054/AS 8/10



POWER OF ATTORNEY
EVEREST REINSURANCE COMPANY
DELAWARE

KNOW ALL PERSONS BY THESE PRESENTS: That Everest Reinsurance Company, a corporation of the State of Delaware ("Company") having its principal office located at 477 Martinsville Road, Liberty Corner, New Jersey 07938, do hereby nominate, constitute, and appoint:

Russell M. Canterbury, Jessica L. Piccirillo, Steven E. Susanin, Woodrow M. Baird, Diane Moraski, Victoria P. Parkerson, Adam Martin, Kathleen M. Flanagan, Richard A. Leveroni

its true and lawful Attorney(s)-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds and undertakings in the nature thereof, for the penal sum of no one of which is in any event to exceed UNLIMITED, reserving for itself the full power of substitution and revocation.

Such bonds and undertakings, when duly executed by the aforesaid Attorney(s)-in-fact shall be binding upon the Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Board of Directors of Company ("Board") on the 28th day of July 2016:

RESOLVED, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby appointed by the Board as authorized to make, execute, seal and deliver for and on behalf of the Company, any and all bonds, undertakings, contracts or obligations in surety or co-surety with others and that the Secretary or any Assistant Secretary of the Company be and that each of them hereby is authorized to attest to the execution of any such bonds, undertakings, contracts or obligations in surety or co-surety and attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute, on behalf of the Company, bonds and undertakings in surety or co-surety with others, and that the Secretary or any Assistant Secretary of the Company be, and that each of them is hereby authorized to attest the execution of any such power of attorney, and to attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the signature of such officers named in the preceding resolutions and the corporate seal of the Company may be affixed to such powers of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking, contract or obligation in surety or co-surety with others to which it is attached.

IN WITNESS WHEREOF, Everest Reinsurance Company has caused their corporate seals to be affixed hereto, and these presents to be signed by their duly authorized officers this 28th day of July 2016.



Everest Reinsurance Company

Nicole Chase

Attest: Nicole Chase, Assistant Secretary

Anthony Romano

By: Anthony Romano, Vice President

On this 28th day of July 2016, before me personally came Anthony Romano, known to me, who, being duly sworn, did execute the above instrument; that he knows the seal of said Company; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto; and that he executed said instrument by like order.

LINDA ROBINS
Notary Public, State of New York
No 01R06239736
Qualified in Queens County
Term Expires April 25, 2023

Linda Robins

Linda Robins, Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the Liberty Corner, this 6th day of October 2021.

ES 00 01 04 16

CITY OF FORT LAUDERDALE GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM 12476-115



CONTACT: RICHARD CROW

Project Manager
Telephone: +1 (954) 842-4771
Fax: +1 (904) 379-6193
Richardc@murhypipelines.com

Murphy Pipeline Contractors, Inc.
5400 S. University Drive, Suite 101
Davie, FL 33328

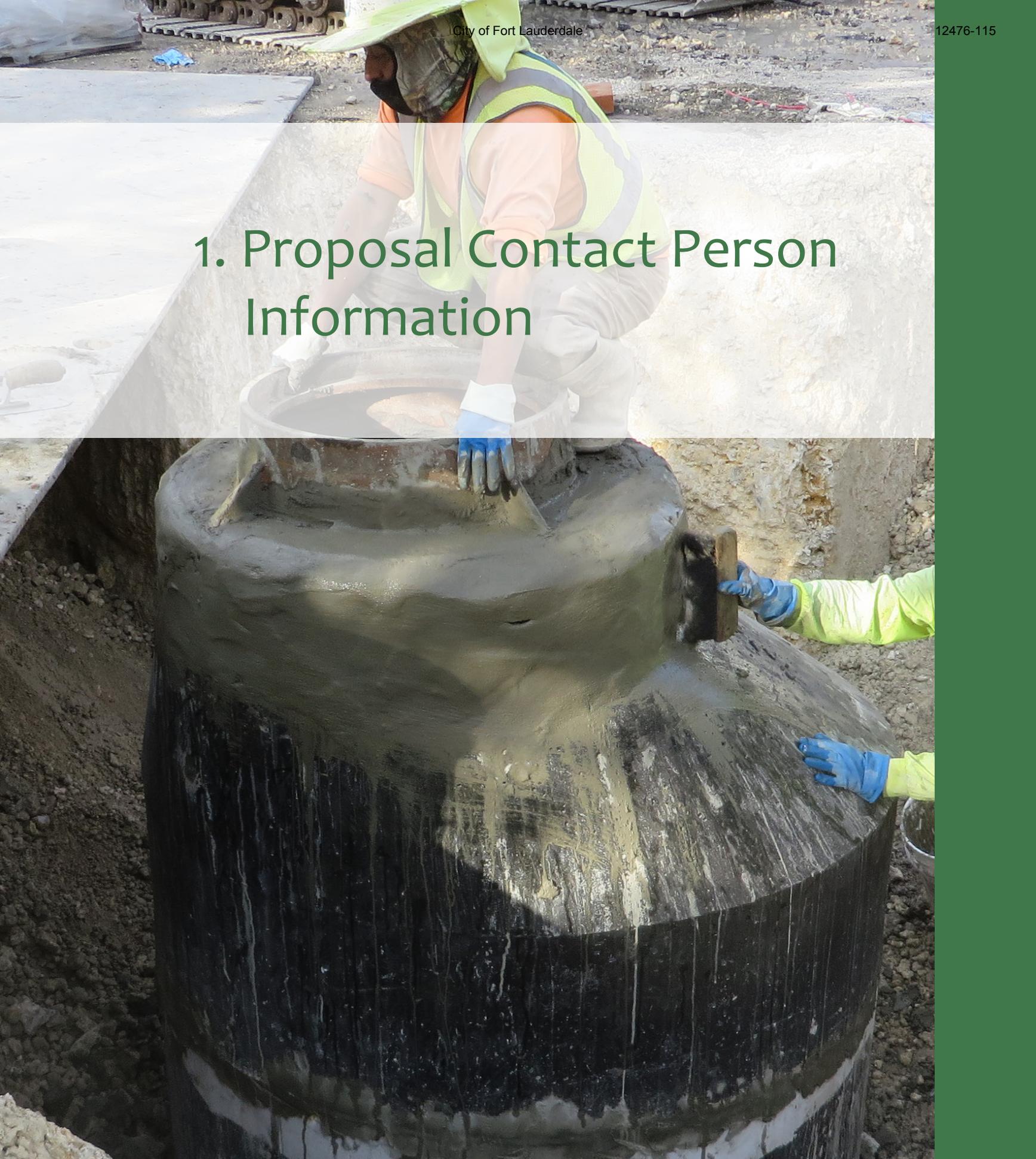


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1. Proposal Contact Person Information



1. PROPOSAL CONTACT PERSON INFORMATION

Legal Name of Proposer(s) **Murphy Pipeline Contractors, LLC**

Federal Employee Identification (FEIN) Number 59-3688714

Mailing Address, City, State, Zip 5400 S University Drive, Suite 101
Davie, FL 33328

Contact Person's Name Richard Crow

Title Director of Engineering and Special Projects

Email Address richardc@murphypipelines.com

Phone Number (954) 842-4771

Fax Number (904) 379-6193

Legal Name of Proposer(s) **Chen Moore and Associates, Inc.**

Federal Employee Identification (FEIN) Number 59-2739866

Mailing Address, City, State, Zip 1500 W Cypress creek Road, Suite 630
Fort Lauderdale, FL 33309

Contact Person's Name Daniel Davila, P.E.

Title Senior Engineer/Fort Lauderdale Branch Manager

Email Address ddavila@chenmoore.com

Phone Number (954) 730-07071

Fax Number (904) 730-2030

Proposal Contact Person Information





2. Qualifications of the Firm



2. QUALIFICATIONS OF THE FIRM



Corporate Headquarters

OFFICE: 904.764.6887 FAX: 904.379.6193

ADDRESS: 12235 New Berlin Rd, Jacksonville FL 32226

South Florida Office

OFFICE: 954-842-4771

ADDRESS: 5400 S. University Dr. Unit 101 Davie, FL 33328

murphypipelines.com swagelining.com

September 30, 2021

Fausto Vargas Sr. Procurement Specialist
City of Fort Lauderdale Procurement Services Division
100 North Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

Project: City of Fort Lauderdale Bid #12476-115, GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM CITY PROJECT NO. 12414

Dear. Mr. Vargas:

Murphy Pipeline Contractors, LLC. (MPC) together with its design partner Chen Moore & Associates, Inc. (CMA) are pleased to submit our response to RFP No. 12476-155 for the DESIGN-BUILD GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM.

We have assembled a highly qualified Design/Build Team that has an extensive amount of experience in Pipe Bursting, open-cut installation, community coordination, dewatering and MOT that not only exceeds the minimum requirements of this RFP but exceeds the needs of Fort Lauderdale and more importantly its citizens. The MPC Team has the widest array of trenchless utility construction technology experience available to meet the City's needs while still providing the least disruption to the residents and business owners along the project's path.

The MPC Team is comprised of many members who reside in the Fort Lauderdale area and frequent the local business establishments. We truly understand the unique and rich local flavor of the Las Olas area and are committed to preserving its distinctive aesthetic and Downtown way of life.

The MPC Team has worked together for over five years on several successful design-build projects with similar scopes of work. As a team, we have worked in a wide variety of projects including thousands of linear feet of traditional open cut, pipe bursting and horizontal directional drill under the most difficult schedule constraints for various municipalities. Furthermore, the MPC Team has worked on approximately 5 projects together for the City of Fort Lauderdale alone such as the Design/ Build Project for Installation of New Redundant Bypass Line Northside Force Main Project; Design/Build Project for Las Olas Phase II Force Main Replacement; Design/Build Project for Emergency 30" Force Main Replacement; and Las Olas Phase I Force Main Replacement. We understand the importance of this project and the various challenges that need to be addressed during the design, permitting and construction phases of the project.

MPC was established in Florida in 2000 as a trenchless utility contractor with the purpose of bringing the trenchless technologies of Europe to the United States. MPC is one of the leading trenchless installation contractors in the country that specializes in static pipe bursting and horizontal directional drilling for water main, sewer main and force main, ranging from 2" through 63".

Since 2015, MPC has completed over 133 miles of trenchless installation with 31 miles of trenchless installation for the City of Fort Lauderdale alone. Over the last five years, MPC has received numerous awards including:



1

- 2019 Trenchless Project of the Year Honorable Mention (Powell River, BC Canada Slip Lining Project)
- 2018 Trenchless Project of the Year Honorable Mention (Ft. Lauderdale Design Build using Compression Fit HDPE pipe lining and Directional Drill)
- 2017 PE Alliance Leadership Award (JEA, FL Swagelining Project)
- 2015 Trenchless Project of the Year (Arlington National Cemetery Water Pipe Bursting Project)

One of the primary ingredients for a successful project is a strong design partner. For this reason, we have, once again, teamed with Chen Moore and Associates (CMA). CMA trenchless technologies design and permitting experience includes dozens of directional drills, pipe bursting and compression fit projects. They have worked with public, semi-public and private clients to provide a wide range of water and sewer consulting engineering services including design and rehabilitation of pipeline and pump stations. Their experience includes over 100 miles of watermain, 60 miles of gravity sewer, 20 miles of force main, 200 pump stations, and multiple directional drills.

The MPC Team has the experience and exceptional understanding of the challenges unique to this endeavor that will enable a safe and effective execution of his project. Selecting the MPC Team will provide the City of Fort Lauderdale with a team that has unparalleled proven experience to successfully deliver this project for the City and its residents.

We would like to thank you for the opportunity to submit qualifications and once again look forward to working with the City of Fort Lauderdale. If you have any questions, feel free to contact us at any time.

Respectfully submitted,

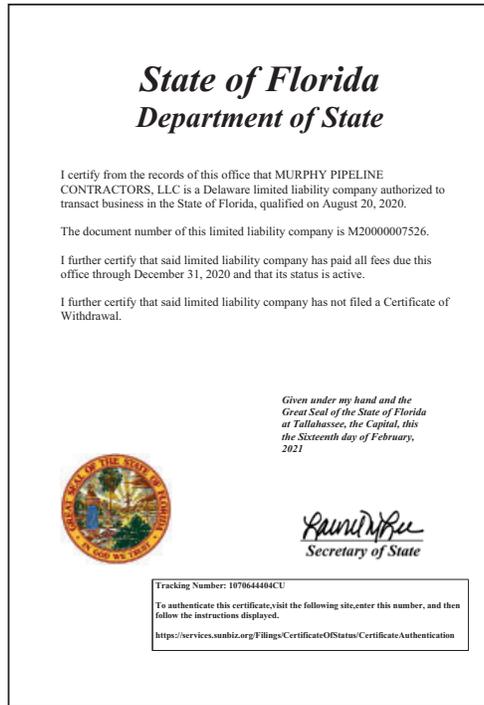


Murphy Pipeline Contractor
Richard Crow
Design/Build Manager



Business Structure

Murphy Pipeline Corporation, LLC.



State of FL Secretary of State Certificate of Corporation. Murphy Pipeline Corporation was established in 2000. Murphy Pipeline Corporation had a name changed from Inc to LLC on 2021.

Chen Moore and Associates

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, 2021, that its most recent annual report/uniform business report was filed on January 7, 2021, 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 Seventh day of January, 2021



Randi Rife
Secretary of State

Tracking Number: 7938948511CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

State of FL Secretary of State Certificate of Corporation

Qualifications of the Firm

Murphy Pipeline Corporation, LLC

ACORIS **CERTIFICATE OF LIABILITY INSURANCE** (DATE 01/06/2021)

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	CONTACT NAME	Brett Sauer	
Alliant Insurance Services Houston, LLC 5444 Westheimer, Suite 900 Houston, TX 77056	PHONE (A/C, H, F)	882-707-1931	FAX (A/C, H, F)
	E-MAIL ADDRESS	Brett.Sauer@alliant.com	
	INSURER A - OVERSIGHT INSURANCE COMPANY	2232	
	INSURER B - Various	3788	
	INSURER C - JI Specialty Insurance Company		
	INSURER D -		
	INSURER E -		
	INSURER F -		

INSURED
Murphy Pipeline Contractors, LLC
12235 New Berlin Road
Jacksonville, FL 32226

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

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFF. DATE	POLICY EFF. PERIOD	LIMITS
COMMERCIAL GENERAL LIABILITY				
CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/>				
A	00074922008	04/01/2021	04/01/2022	EACH OCCURRENCE \$ 1,000,000 POLICY LIMITS \$ 300,000 MED. EXP. INSURANCE \$ 40,000 PERSONAL & AD. INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS-COMP. ADG. \$ 2,000,000 OTHER \$ \$
GEN. AGGREGATE LIMIT APPLIES PER:				
POLICY <input checked="" type="checkbox"/> PERIOD <input type="checkbox"/> LOC <input type="checkbox"/>				
OTHER:				
AUTOMOBILE LIABILITY				
ANY AUTO <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> OWNED <input type="checkbox"/> AUTO ONLY <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED <input type="checkbox"/> AUTO <input type="checkbox"/>	CAD74922108	04/01/2021	04/01/2022	COMBINED SINGLE LIMIT \$ 2,000,000 BODILY INJURY (Per person) \$ \$ BODILY INJURY (Per accident) \$ \$ PROPERTY DAMAGE \$ \$
B	Various	04/01/2021	04/01/2022	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
UMBRELLA LIAB. <input checked="" type="checkbox"/> CLAIMS-MADE <input type="checkbox"/>				
EXCESS CAP. <input type="checkbox"/> EXCESS LIMITS: <input type="checkbox"/>				
WORKERS COMPENSATION <input checked="" type="checkbox"/>				



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CUC1223787 ISSUED: 01/06/2021

CERT UNDERGROUND & EXCAV CNTR
MAYER, ANDREW JOHN
MURPHY PIPELINE CONTRACTORS, LLC

Signature
LICENSED UNDER CHAPTER 489, FLORIDA STATUTES
EXPIRATION DATE: AUGUST 31, 2022

Ron DeSantis, Governor Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER: CUC1223787 **EXPIRATION DATE: AUGUST 31, 2022**

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

MAYER, ANDREW JOHN
MURPHY PIPELINE CONTRACTORS, LLC
12235 NEW BERLIN ROAD
JACKSONVILLE FL 32226

ISSUED: 01/06/2021

Always verify licenses online at MyFloridaLicense.com
Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA: **MURPHY PIPELINE CONTRACTORS LLC** Receipt #: 189-272548
Business Name: **MURPHY PIPELINE CONTRACTORS LLC** Business Type: **OTHER TYPE CONTRACTOR**
Owner Name: **ANDREW JOHN MAYER/QUALIFER** Business Opened: 10/13/2015
Business Location: **5400 S UNIVERSITY DR STE 301 DAVIE** State/County/Cert/Reg: **FL/CUC1223787**
Business Phone: 954-842-4771 Exemption Code:

Rooms: _____ Seats: _____ Employees: 12 Machines: _____ Professionals: _____

Number of Machines:		For Vending Business Only		Vending Type:		Total Paid
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
54.00	5.40	0.00	0.00	0.00	0.00	59.40

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:
MURPHY PIPELINE CONTRACTORS LLC
5400 S UNIVERSITY DR STE 301
DAVIE, FL 33326-5319

Receipt #138-20-00003393
Paid 01/19/2021 5.40

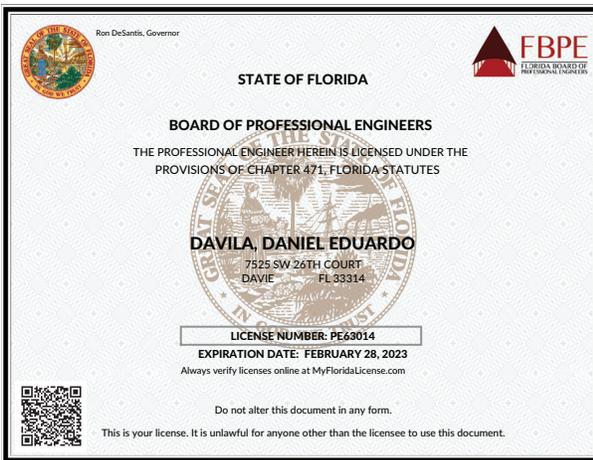
2020 - 2021

Qualifications of the Firm

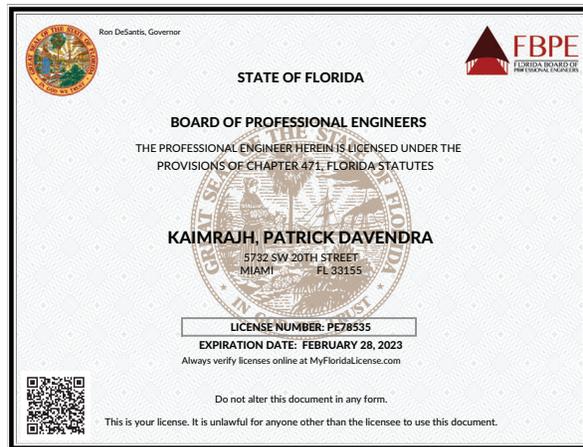
Chen Moore and Associates



State of FL Professional Engineers License



Daniel Davila, P.E.



Patrick Kaimrajh, P.E.



Peter Moore, President
 CHEN MOORE AND ASSOCIATES, INC.
 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
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- 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 Overtime	Reimburse Actual Expenses	Home Direct Expense
180.42%	0.181%	Reimbursed	No	2.52%

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

Safety. Mobility. Innovation
 www.fdot.gov

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
 Carliayn Kell
 Professional Services
 Qualification Administrator

Safety. Mobility. Innovation
 www.fdot.gov

FDOT Unlimited Notice of Qualifications

Qualifications of the Firm

Business Tax Receipts



CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2020-2021

Business Tax Division
 100 N ANDREWS AVE | FORT LAUDERDALE, FL 33301 | (954) 828-5195

Business ID: BL-1200321 Business Name: CHEN,HSEUH HAI BEN
 Business Address: 500 NW 62 ST # 630

CHEN,HSEUH HAI BEN
 500 NW 62 ST # 630
 FORT LAUDERDALE FL 33309

TAX CATEGORIES
 408800 ENGINEER

Contact: CHEN,HSEUH HAI BEN

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email business@cityofftlauderdale.gov, and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.
- If you have sold your business, please email a copy of the Bill of Sale to business@cityofftlauderdale.gov, and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

100 N ANDREWS AVE, 1st FLOOR
 FORT LAUDERDALE, FL 33301
 TEL 954-828-5195
 WWW.FORTLAUDERDALE.GOV

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

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 State/County/Cert/Reg: 3266
 FT LAUDERDALE Exemption Code:
 Business Phone: 954-730-0707

Rooms Seats Employees Machines Professionals
 1

Tax Amount	For Vending Business Only				Collection Cost	Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years		
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 Receipt #BWN-19-00215549
 500 W CYPRESS CREEK RD SUITE Paid 09/25/2020 30.00
 630
 FORT LAUDERDALE, FL 33309

2020 - 2021

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
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Signature: Receipt #BWN-19-00215549
 Paid 09/25/2020 30.00

Qualifications of the Firm



Gravity Pipe Improvements to the Downtown Collection System 12476-115

CAM-22-0026
 Exhibit # 5
 Page 17 of 258

Key Personnel

Murphy Pipeline Contractors, LLC 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 in Section 3.

Key Personnel	Role	Title	Name of Firm	Phone Number	Fax Number	Email
Richard Crow	Project Manager	Director of Engineering and Special Projects	Murphy	(954) 842-4771	(904) 764-6887	richardc@murphypipelines.com
Gustavo Rodriguez	Deputy Project Manager	Project Manager	Murphy	(954) 842-4771	(904) 764-6887	gustavor@murphypipelines.com
Lauren Romero	General Superintendent	Construction Manager	Murphy	(954) 842-4771	(904) 764-6887	laurenr@murphypipelines.com
David Marin	Project Quality Control Manager	General Superintendent	Murphy	(954) 842-4771	(904) 764-6887	davidm@murphypipelines.com
Ernie Brown	Scheduler/ Project Controls Specialist	Scheduler/ Project Control Specialist	Murphy	(954) 842-4771	(904) 764-6887	ernieb@murphypipelines.com
Ed Steel	Project Health & Safety Manager	Project Health & Safety Manager	Murphy	(954) 842-4771	(904) 764-6887	eds@murphypipelines.com
Daniel Davila, P.E.	Design Manager	Sr. Engineer/ FTL Branch Manager	CMA	(954) 730-0707 x1085	(954) 730-2030	ddavila@chenmoore.com
Patrick Kaimrajh, P.E.	Design	Sr. Engineer	CMA	(954) 730-0707 x1087	(954) 730-2030	pkaimrajh@chenmoore.com
Lee Reumann, PLS	SUE Services	Regional Survey Manager	InfraMap Corp	(804) 550-2937	(804) 550-3296	lreumann@inframap.net
Andres Garcia	SUE Services	Sr. Utility Location Manager	InfraMap Corp	(804) 550-2937	(804) 550-3296	agarcia@inframap.net
James Stoner, PSM	Survey	President	Stoner and Associates, Inc.	(954) 585-0997	(954) 585-3927	jstoner@stonersurveyors.com

Qualifications of the Firm

Key Personnel	Role	Title	Name of Firm	Phone Number	Fax Number	Email
Mark Meyers	MOT Planning Services	Owner	MOT Plans	(954) 914-6770	(954) 759-9186	mark@motplans.com
Sattya Sukhu	MOT Planning Services	Co-Owner	MOT Plans	(954) 914-6770	(954) 759-9186	sattya@motplans.com
Cynthia McGrail	Public Involvement	Sr. Communications Specialist	Valerin	(954) 656-6616	(813) 925-4205	cynthia@valerin-group.com

Qualifications of the Firm



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/21/2020

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 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														
INSURED Chen Moore & Associates, Inc. 500 W. Cypress Creek Road Suite 630 Fort Lauderdale FL 33309	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A : Crum & Forster Specialty Insurance Co.</td> <td style="text-align: center;">44520</td> </tr> <tr> <td>INSURER B : Old Dominion Insurance Co.</td> <td style="text-align: center;">40231</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 : Crum & Forster Specialty Insurance Co.	44520	INSURER B : Old Dominion Insurance Co.	40231	INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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INSURER F :															

COVERAGES CERTIFICATE NUMBER: 21-22 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"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	EPK133473	01/01/2021	01/01/2022	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 <input type="checkbox"/> AUTOS ONLY	Y	Y	B1T2667W	01/01/2021	01/01/2022	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 \$			EFX116639	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 5,000,000						
								AGGREGATE \$ 5,000,000					
								\$					
							PER STATUTE OTH-ER						
							E.L. EACH ACCIDENT \$						
							E.L. DISEASE - EA EMPLOYEE \$						
							E.L. DISEASE - POLICY LIMIT \$						
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	EPK133473	01/01/2021	01/01/2022	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)
 Re: Contract for Civil Engineering Consultant Services, Continuing Contract, RFQ 466-11723-2
 The City of Fort Lauderdale is included as additional insured under the terms and conditions of the attached forms on the General Liability and Automobile Liability policies 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.

CERTIFICATE HOLDER The City of Fort Lauderdale c/o Procurement Services Dept. 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
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CERTIFICATE OF LIABILITY INSURANCE

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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														
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	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 \$
A	Professional Liability (Claims-Made) Limits included with General Liability			EPK133473	01/01/2021	01/01/2022	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)
 Re: RFQ#12465-216 Consultant Services for the Rehabilitation and Upgrade of Triplex Pumping Stations
 The City of Fort Lauderdale is 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. Business Auto Cancellation: Thirty (30) days' notice except for Ten (10) days' notice for non-payment of premium.

CERTIFICATE HOLDER The City of Fort Lauderdale c/o Procurement Services Dept. 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)

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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)
Where Required By Written Contract.

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
Where Required By Written Contract.	Where Required By Written Contract.
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)
Where Required By Written Contract.

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)
Where Required By Written Contract.

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 InsuredsParagraph **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 InsuredsParagraph **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 AGREEMENTThe 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.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/7/2021

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 E-MAIL ADDRESS: wc@engagepeo.com	FAX (A/C, No): 727-214-9088	
	INSURER(S) AFFORDING COVERAGE INSURER A: Illinois National Insurance Co.		NAIC # 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:** 59590620 **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	WC020733749 (FL)	1/1/2021	1/1/2022	<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)

CERTIFICATE HOLDER 191083 City of Fort Lauderdale Procurement Services Division 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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59590620 | 21/22 WC (Florida Master Only) Ill National | Engage PEO | 1/7/2021 11:33:53 AM (EST) | Page 1 of 1
 This certificate cancels and supersedes ALL previously issued certificates.

8/31/2021

Surety 2000 Bid Bond Manager

**Bond Number: SFL21376179****Contractor Information****Principal:** Murphy Pipeline Contractors, LLC**Address:** 12235 New Berlin Rd Jacksonville Florida 32226 United States**Owner/Obligee Information****Bond Form:** Bid Bond in accordance with Contract Specifications**Owner/Obligee:** City of Fort Lauderdale**Address:** 100 North Andrews Ave Fort Lauderdale Florida 33301 United States**Bond Information****Surety:** Everest Reinsurance Company**Bid Date:** 9/7/2021**Estimated Contract Price:****Time For Completion:****Liquidated Damages:****Estimated Work On Hand:****Amount of Bid Security:** Five Percent of Amount Bid**Contract # or IFB #:** 12476-115**Description of Job:** Gravity Pipe Improvements to the downtown Collection System**Job Breakdown:****Electronic Bidding Information****Bid Security Percentage:** 5**Bid Security Maximum:****Owner Assigned Contractor Number:**3736716860**Primary Agency:**

Alliant Insurance Services, Inc.

Power of Attorney Limited to: Unlimited

Executed**Entered By:** Victoria P. Parkerson - 8/31/2021 9:37:19 AM ET**Approved & Executed By:***Victoria P. Parkerson*

Victoria P. Parkerson (Signed: 31-Aug-2021 09:37 AM EDT (UTC-04:00))

[Signature Information](#)

Know all men by these presents that Everest Reinsurance Company, a Corporation duly organized under the laws of the State of Delaware, are held and firmly bound unto the above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 1/2

8/31/2021

Surety 2000 Bid Bond Manager



Document ID: [S2000-1001116210](#)

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 2/2

Firms Past Experience ~ Gravity Sewer/Design Build

Sanitary Sewer Improvement Upgrade Coral Gables, Florida

Start/Completion Dates

2017/May 2017

Original Budget/Final Cost

\$883,083/\$883,083

Client

Astor Companies
Philip Parenteau
Almeria Ave A
Coral Gables, FL 33134
(786) 623-2808
philip@astorcompanies.com

Present Status of Project

Complete

The project consisted of the design, permitting and execution of manhole-to-manhole modular pipe installation of approximately 1,700 LF of existing gravity sewer in an affluent, commercial district in the City of Coral Gables in support of current and future urban development. Project was completed with minimal impact to local business. Design-Build with partners Chen Moore and Associates.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

The project's primary function was to deliver a trenchless upgrade of the existing gravity system to the City of Coral Gables. MPC along with our design partners, Chen Moore and Associates, developed a design plan that minimized the impact to the adjacent affluent business area. The design allowed for surrounding hotels and high-end shops to remain open and for minimal disturbance to pedestrian traffic. The modular, manhole to manhole, pipe bursting increased approximately 1,700 LF of existing gravity system more than two pipe sizes in support of current and future urban development. A highly successful project that delivered a budget substantially under a traditional opencut replacement with no major impacts to traffic around the area.



Qualifications of the Firm

The Plaza at Coral Gables Coral Gables, Florida

Start/Completion Dates

2017/March 2018

Original Budget/Final Cost

\$1,418,446

Client

Agave Ponce, LLC
Ian van Wallegghem
2601 South Bayshore Drive, #250 Miami, FL
ianvw@agaveponce.com
Phone (305) 951-5280
Fax (305) 858-1589

Present Status of Project

Complete

The project consisted of the design, permitting, and execution of the pipe bursting 738 LF of 12", 976 LF of 15", and 66 LF of 18" gravity sewer line located on Malaga Avenue and Galiano Street to upgrade existing City of Coral Gables gravity sewer utilities to allow capacity for current and future private development. Design-Build with partners Chen Moore and Associates.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

The pipe bursting had size increase in excess of two pipe sizes. A key success of the project included the design and implementation of a bypass system that maintained existing flow while MPC upgraded the existing line via pipe bursting. This project was programmed as trenchless due to the minimal impact it had on the surrounding business, condos and community compared to traditional open cut.



Qualifications of the Firm

The Standard at Coral Gables Coral Gables, Florida

Start/Completion Dates

2020/February 2021

Original Budget/Final Cost

\$612,750

Client

The Weitz Company, LLC
John Sloss
1200 Centrepark Blvd Suite 700
West Palm Beach, FL 33401
john.sloss@weitz.com
Phone (561) 718-9829

Present Status of Project

Complete

The project consisted of the design, permitting, and execution of the replacement of approximately 600 LF of gravity sewer. Design-Build with partners Chen Moore and Associates.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

The project required upsizing the line directly into to the main pump station with the line remaining in service at all times. The MPC Team designed and implemented a bypass plan that exceeded expectations. The bypass allowed the team to upsize the existing system to a larger main while maintaining sewer service.



Qualifications of the Firm

**Firms Past Experience ~
Pipe Bursting/Sewer**

North Course Drive Gravity Sewer Main Replacement

Pompano Beach, FL

Start/Completion Dates

2019/July 2019

Original Budget/Final Cost

\$84,000

Client

City of Pompano Beach
Steve Almyda
100 W Atlantic Blvd.
Pompano Beach, FL 33060
Steve.almyda@copbfl.com
(954) 786-5510

Replacement of Pompano Beach’s existing 8” gravity main infrastructure with 8” DIPS DR 11; size on size pipe burst.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

Replacement of Pompano Beach’s approximately 100 LF of existing 8”gravity sewer main with 8” modular pipe; size on size pipe burst. This project entailed replacement of a failed pipe under a major road. The MPC team was approached by the City of Pompano Beach with the task of replacing the line without damaging the existing asphalt. A successful project with no damage to the roadway.

Opa-Locka Emergency 18-inch Project

Opa-Locka, FL

Start/Completion Dates

2018/June 2018

Original Budget/Final Cost

\$231,300

Client

Diamanti Construction
Mohammed Islam

524 North H Street
Lake Worth, FL 33460
dimanticonstructionfl@gmail.com
(561) 301-7191

The project consisted of the replacement of approx. 335 LF of 18” gravity line and (2) laterals via pipe bursting to repair collapsed line. The project was located at the corner of Dunad Avenue and Bahman in Opa-Locka.

TSTC Water & Sewer Improvements

Waco, TX

Start/Completion Dates

2018/2018

Original Budget/Final Cost

\$3,412,954

Client

Texas State Technical College
Clark Gauer, P.E.
3801 Campus Drive
Waco, TX 76705
(254) 714-1402

This project consisted of static pipe bursting 15,500 LF of existing 6”, 8”, 10” and upsizing to 8”, 10”, 12” at Texas State Technical College in Waco, Texas.

Castel Brewer Sewer Replacement

Authority, FL

Start/Completion Dates

2010

Original Budget/Final Cost

\$650,558

Client

Angel Tua
94 Castle Brewer Court
Sanford, FL 32771
(407) 323-3150

This project consisted of pipe bursting 4,800 LF of existing 6” and 8” clay sewer to the same size 6” and 8” HDPE at Sanford Housing in Authority, Florida.

Qualifications of the Firm



Wekiva Springs State Park Sewer Rehabilitation

Apopka, FL

Start/Completion Dates

2009/2009

Original Budget/Final Cost

\$35,000

Client

Florida Department of Environmental Protection-
Division of Parks
Joe Mecca Kimley-Horn
1800 Wekiwa Circle
Apopka, FL 32712
(904) 828-3900

This project consisted of 560 LF of static pipe bursting 8” clay pipe.

Ft. Wayne General Pipe Bursting

Fort Wayne, IN

Start/Completion Dates

2007/2007

Original Budget/Final Cost

\$224,500

Client

City of Fort Wayne, Indiana
Dan Smith
(260) 740-1582

This project consisted of pipe bursting 3,000LF of 8” clay sewer to 10” HDPE in Fort Wayne Indiana.

San Marco Sewer Replacement Jacksonville, FL

Start/Completion Dates

2006/2006

Original Budget/Final Cost

\$580,300

Client

Jacksonville Electric Authority, Florida
Gregory Perrine
1801 Art Museum Drive
Jacksonville, FL 32207
(904) 665-6000

Project consisted of 7,400 LF of pipe bursting 4”-8” clay sewer.

Pioneer Mobile Park Home Park Sewer Replacement

Bredenton, FL

Start/Completion Dates

2005/2005

Original Budget/Final Cost

\$180,000

Client

Pioneer Mobile Park Home
Steve Jones
1615 51st Avenue E
Bradenton, FL 34203
(407) 889-9755

Project consisted of 3,500 LF of pipe bursting with 60 laterals; 8” clay.

Qualifications of the Firm

Pipe Bursting

Merrick Manor Sanitary Sewer Ph I Coral Gables, Florida

Start/Completion Dates

2017/2017

Original Budget/Final Cost

\$96,610/\$96,610

Fee

\$24,900

Client

Murphy Pipeline Contractors Inc
Richard Crow
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771
richardc@murphypipelines.com

Present Status of Project

Complete

CMA provided preliminary civil engineering and related services for the Merrick Manor Sanitary Sewer project for Coral Gables. The project consisted of the design, permitting and construction administration effort for the replacement and upsizing of just under 1,600 LF of existing gravity sewer (8”/10” VCP per City of Coral Gables Asbuilts to 12”) in an existing commercial district in the City of Coral Gables in support of a development located on the corner of Altara Avenue and LeJeune Road by the Astor Companies.

CMA provided Land Surveying and Geotechnical Engineering, Subsurface Utility Engineering Services; Utility Coordination and Preliminary Design; Final Engineering; Government Permitting; and Construction Observation and Administration Assistance.



Qualifications of the Firm

Pipe Bursting

Merrick Manor Sanitary Sewer Ph II Coral Gables, Florida

Start/Completion Dates

2017/2019

Original Budget/Final Cost

\$889,300/\$898,800

Fee

\$71,260

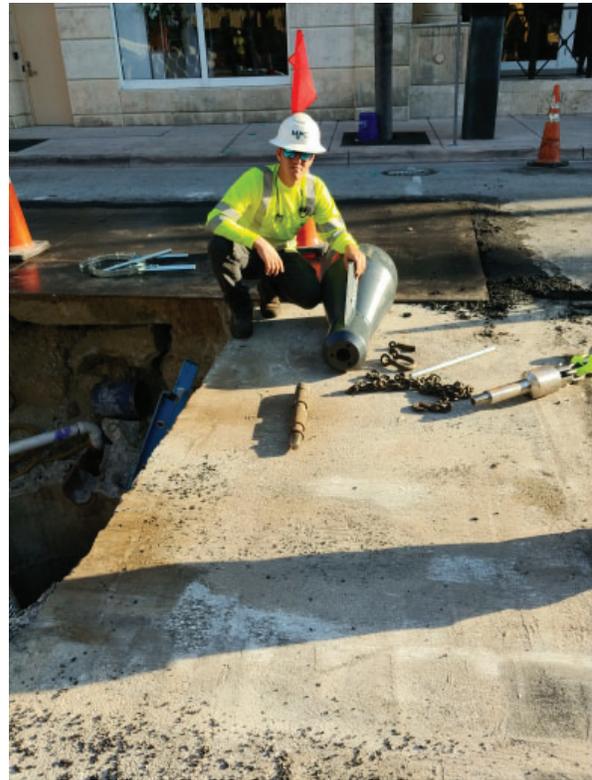
Client

Murphy Pipeline Contractors Inc
Richard Crow
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771
richardc@murphypipelines.com

Present Status of Project

Complete

CMA worked with Murphy Pipeline inside a popular commercial area in the City of Coral Gables in collaboration with several developers who needed an upsizing of the existing sanitary sewer system to accommodate their upcoming developments in the area called Merrick Manor. CMA provided civil engineering services for the design, permitting and construction administration effort for the replacement and upsizing of just under +/- 1,265 LF of existing gravity sewer. CMA also provided final engineering; government permitting; and construction observation and construction administration services.



Qualifications of the Firm

Broward County UAZ Projects

Broward County, FL

Start/Completion Dates

2016/ongoing

Original Budget/Final Cost

\$80 million/\$80 million

Fee

\$11,171,568.83

Client

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

Present Status of Project

Constructon Design



UAZ 307 / 315 - The Broward County UAZ 307 / 315 Utilities project included replacing existing water main and providing sanitary sewer for County Service Areas in the City of Dania Beach, near Griffin Road and Ravenswood Road. The main technical components included replacing a 12-inch water main on Ravenswood Road, replacing the residential water distribution system, providing sanitary sewer to connect existing septic tanks and rehabilitating and installation of new lift stations and force main. In order to achieve 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 and determine/update projected utility flow rates. A total of 20,000 linear feet of water main replacement, three lift stations and 14,000 linear feet of sanitary sewer, which serviced over 400 parcels, were designed for this project. Chen Moore and Associates also performed construction administration for this project.

UAZ 303, 314, 316 and 318 - The Broward County UAZ 303, 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. Chen Moore and Associates also performed construction administration for this project.

Qualifications of the Firm

UAZ 316 - The Broward County UAZ 316 project is part 2 of the estimated \$8.8 million project servicing Broward County utility zones in the City of Dania Beach which includes replacing existing water and providing sanitary sewer just east of State Road 7, and south of Griffin Road. The main technical components include 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, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities. Design of these improvements began in 2009 and construction was completed in 2016. Chen Moore and Associates also performed construction administration for this project.



Broward County UAZ 110/111 & 113 Water Sewer Improvements 113A / Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B



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 168,100LF of water mains, 122,100 LF of sanitary sewer

mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, 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.

Qualifications of the Firm

Broadview Park Neighborhood Improvement Program Broward County, Florida

Start/Completion Dates

2000/2013

Original Budget/Final Cost

\$45 million/\$45 million

Fee

\$8.9 million

Client

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

Present Status of Project

Complete

The Broadview Park Neighborhood Improvement Program (BPNIP) was the last of the Neighborhood Infrastructure Improvements projects to be carried out by Broward County in the unincorporated areas. Chen Moore and Associates was selected as the prime consultant for the Basis of Design Report (BODR) and to design and administer the construction of improvements to subsequent bid packages. The three Bid Packages addressed water, sanitary sewer and drainage improvements, while introducing sidewalks and enhancing the community's roadway and landscape.

The basis of design report included population projections, an analysis of water source and sewage discharge points and a hydraulic model of the water, wastewater and stormwater systems.

The first bid package included the replacement of the entire water distribution system within the neighborhood, which was previously owned and maintained by a private utility. This project was designed utilizing digital orthography and aerial maps to fast track the replacement.

The second and third bid packages included conversion of the entire area from septic to gravity collection, the installation of a backbone forcemain network and connection into an inline booster station, installation of a positive drainage system, sidewalks, hardscape and landscape improvements.

An added fourth bid package was the design of a 20" water main to serve as the transmission source water for the area. Also change ordered into the project was the installation of a 20" raw water main for future use. The project was complicated by groundwater contamination, proximity to a wellfield, the existence of a fire station and elementary school in the neighborhood and the existence of rock in the area. All of the projects were completed on budget and on or ahead of schedule.



Qualifications of the Firm

Basin 0015 Water & Wastewater Services to Commercial Properties - Gren Tech Corrido - MDWASD - E15-WASD-03A - 17CMAI001 - TO 005 - Project No. 15149

Miami-Dade County, Florida

Start/Completion Dates

2018/2023

Original Budget/Final Cost

N/A

Fee

\$457,117.66

Client

Miami-Dade Water and Sewer Department (MDWASD)
David Marquez
3071 SW 38th Avenue, Douglas Building, 4th Floor
Miami, FL 33146
(786) 552-8837
David.Marquez@miamidade.gov

Present Status of Project

Design

CMA was tasked with providing civil engineering design, construction documents (plans, technical specifications and construction cost estimate), permitting, bid support and limited construction administration support services for a new gravity sewer system for an area known by the Miami-Dade Water and Sewer Department as Area S-5 in in Miami-Dade County, FL. This area, a mixture of industrial/commercial and residential, currently on septic systems, which require a new sanitary sewer system in order to abandon the septic systems. Pursuant a M-D WASD provided BODR, CMA is designing the proposed improvements for this area. The proposed gravity sewer is proposed along NW 60th Street, from NW 37th Avenue to NW 32nd Court, and along NW 32nd Court, from approximately NW 56th Street to NW 62nd Street, in the unincorporated neighborhood of Brownsville in Miami-Dade County, FL. Pursuant to the Area S-5 BODR provided by M-D WASD, the proposed improvements include a new 10” and 8” gravity sewer main with 6” laterals to serve the properties along these roadways.

Qualifications of the Firm



MDWASD - Area S-4 Wastewater System and Potable Water System Improvement

Miami-Dade County, Florida

Start/Completion Dates

2019/2023

Original Budget/Final Cost

N/A

Fee

\$379,147.83

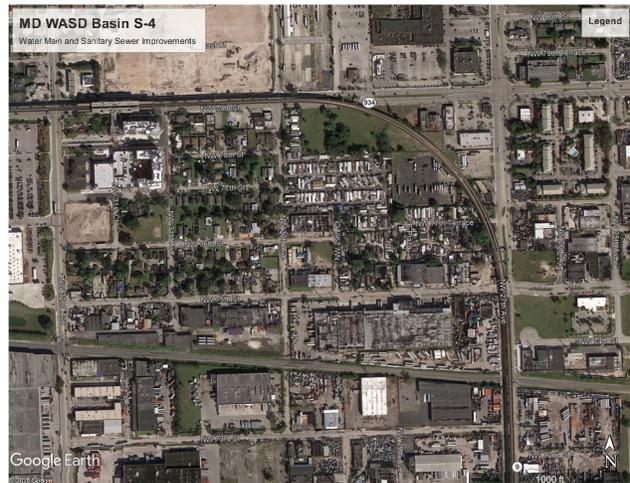
Client

Miami-Dade Water and Sewer Department (MDWASD)
David Marquez
3071 SW 38th Avenue, Douglas Building, 4th Floor
Miami, FL 33146
(786) 552-8826
David.Marquez@miamidade.gov

Present Status of Project

Permitting

CMA is providing professional civil engineering services, including the design, permitting, bid support and construction administration support services of a new gravity sewer and potable water system in the unincorporated neighborhood of Brownsville in Miami-Dade County, FL. The project, will include 8", 10" and 12" gravity sewer main with 6" laterals and a new 12" potable water distribution system, complete with appropriate fire hydrants and water service meters for customers. This project will interface with several adjacent projects for interconnectivity of both the gravity sewer and potable water systems and will include at least two directional drill installations underneath and existing CSX railroad.



Qualifications of the Firm

MDWASD - Basin D2-B Wastewater System

Miami-Dade County, Florida

Start/Completion Dates

2020/2022

Original Budget/Final Cost

N/A

Fee

\$736,944.53

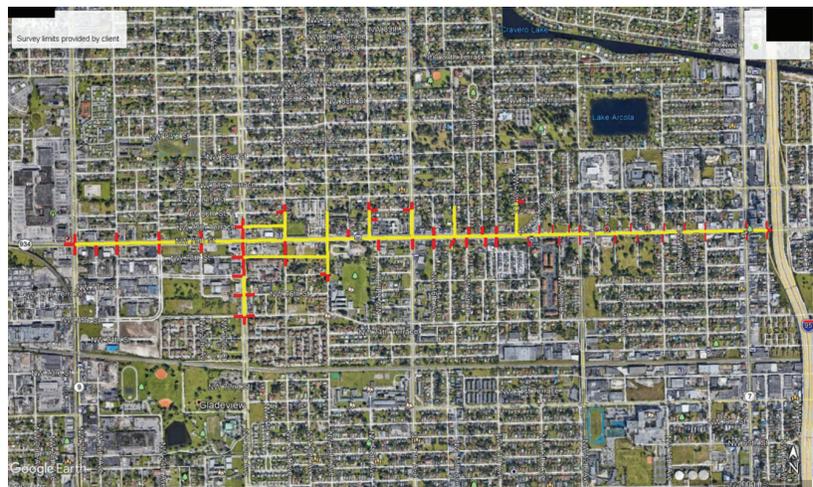
Client

Miami-Dade Water and Sewer Department (MDWASD)
Eduardo Luis
3071 SW 38th Avenue, Douglas Building, 4th Floor
Miami, FL 33146
(786) 552-8837
Eduardo.Luis@miamidade.gov

Present Status of Project

Permitting

CMA was tasked with providing civil engineering design, permitting, bid support and construction administration support services for a new gravity sewer system, potable water system and a new sanitary force main for an area known by the Miami-Dade Water and Sewer Department as Area D2-B in unincorporated Miami-Dade County, FL. This area, a mixture of industrial/commercial and residential, currently on septic systems, which require a new sanitary sewer system in order to abandon the septic systems. Pursuant a M-D WASD provided BODR, CMA is designing the proposed improvements for this area. This project is comprised of approximately 7,968 LF of new 8” gravity sewer main with 6” laterals, approximately 12,050 LF of new potable distribution water main to serve the properties in this area and approximately 1,600 LF of new 8” FM to serve a new pump station (in design, by others).



Qualifications of the Firm

Yumuri Street Sanitary Sewer Improvements Coral Gables, Florida

Start/Completion Dates

2020/ongoing

Original Budget/Final Cost

\$455,800

Fee

\$64,800

Client

Murphy Pipeline Contractors Inc
Victor Menocal
12235 New Berlin Road
Jacksonville, FL 32226
(305) 776-8181
victorm@murphypipelines.com

Present Status of Project

Complete

The project consisted of the design, permitting, and construction administration services for the sanitary sewer upsizing associated with the Venera Development in Coral Gables, Florida. The development is located at 1500 Venera Avenue. This development anticipated requiring upsizing of approximately 560 linear feet of existing gravity sanitary sewer from the intersection of Venera Avenue and Yumuri Street to Coral Gables Pump Station “F” where existing pipelines of 8”, 10”, and 12” diameter were increased to 10”, 12”, and 16” diameter, respectively.



Qualifications of the Firm

South River Sanitary Sewer Force Main Crossing

Fort Lauderdale, Florida

Start/Completion Dates

2018/2020

Original Budget/Final Cost

\$1.3 Million/\$1.3 Million

Fee

\$193,202.50

Client

City of Fort Lauderdale
Daniel Fisher
100 North Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-5850
dfisher@fortlauderdale.gov

Present Status of Project

Complete

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.



Qualifications of the Firm

District 3C Water System Improvements and Septic Tank Elimination

Broward County, Florida

Start/Completion Dates

2020/ongoing

Original Budget/Final Cost

\$6,569,783

Fee

\$1,306,338

Client

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

Present Status of Project

Design

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.

CMA will prepare the design of the new sanitary sewer system inclusive of Lift Stations and a 2 mile force main. This will include the evaluation of existing conditions, review of preliminary process design criteria, phasing, preparation of preliminary design level opinion of construction cost, preparation and submittal of a draft and final schematic design/report and coordination/review.

Qualifications of the Firm



Septic Tank Elimination Area 2-F - D2 Sanitary Sewer Collection System Septic Tank Elimination Area 2 Broward County, Florida

Start/Completion Dates

2019/ongoing

Original Budget/Final Cost

N/A

Fee

\$70,016.40

Client

Thompson & Associates, Inc.
James Thompson
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771
richardc@murhypipelines.com

Present Status of Project

Construction Administration

As a subconsultant to Thompson and Associates, CMA will provide design services and regulatory permitting for the design of a new sanitary sewer submersible lift station, in addition to regulatory permitting and quality assurance, quality control of the proposed sanitary sewer improvements within an industrial area called Septic Tank Elimination Area 2-F D2 for Broward County Water and Wastewater Services. CMA is providing site investigation including and sanitary flow analysis and design services including regulatory permit submittal. CMA will also assist with geohydraulic testing services and preparation of record drawings during construction.



Qualifications of the Firm

3. Qualifications of the Team



3. QUALIFICATIONS OF THE TEAM

For a complete profile of our key team members, including a minimum of three (3) alternate delivery projects on which they held a key delivery role, please refer to our resumes as requested in Section 4.

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other Professional Qualifications
Richard Crow	Director of Engineering and Special Projects	18	Project Manager	Murphy/ Davie	BS/Civil Engineering	N/A	Please refer to his resume in Section 4
Gustavo Rodriguez	Project Manager	5	Deputy Project Manager	Murphy/ Davie	BS/Civil Engineering	N/A	Please refer to his resume in Section 4
Lauren Romero	Construction Manager	15	General Superintendent	Murphy/ Davie	N/A	N/A	Please refer to her resume in Section 4
David Marin	General Superintendent	22	Project Quality Control Manager	Murphy/ Davie	N/A	N/A	Please refer to his resume in Section 4
Ernie Brown	Scheduler/ Project Controls Specialist	25	Scheduler/ Project Controls Specialist	Murphy/ Davie	N/A	N/A	Please refer to his resume in Section 4
Ed Steel	Project Health & Safety Manager	16	Project Health & Safety Manager	Murphy/ Davie	N/A	N/A	Please refer to his resume in Section 4
Daniel Davila, P.E.	Sr. Engineer/ FTL Branch Manager	20	Design Manager	CMA/Fort Lauderdale	BS/Civil Engineering/ 2000	PE 63014	Please refer to his resume in Section 4
Patrick Kaimrajh, P.E.	Sr. Engineer	13	Design	CMA/Fort Lauderdale	BS/Civil Engineering/ 2010	PE 78535	ASCE, AWWA, FES, Florida Engineering Leadership Institute,

Qualifications of the Team

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other Professional Qualifications
Lee Reumann, PLS	Regional Survey Manager	10	SUE Services	InfraMap Corp/	BS/Geomatics	PSM 7222	ASCE, UESI, ASCE Construction Institute
Andres Garcia	Sr. Utility Location Manager	24	SUE Services	InfraMap Corp/	AS/Science	N/A	InfraMap Training Program for Utility Locating & Designating Certification/ Instructor, ATSSA, Traffic Control Supervisor Certification, Confined Space Entry Training Program Certification (OSHA 1910.146)
James Stoner, PSM	President	42	Survey	Stoner and Associates, Inc.	AS/Land Surveying	LS 4039	Surveying and Mapping Society, American Congress on Surveying and Mapping, Leadership Broward
Mark Meyers	Owner	24	MOT Planning Services	MOT Plans/Fort Lauderdale	BA/Business Administration	N/A	N/A
Sattya Sukhu	Co-Owner	23	MOT Planning Services	MOT Plans/Fort Lauderdale	BS/Finance	N/A	N/A

Qualifications of the Team

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other Professional Qualifications
Cynthia McGrail	Sr. Communications Specialist	26	Public Involvement	Valerin	BS/English & Technical Writing	N/A	National Charette Institute (NCI) Certified Charette Facilitator, Social Marketing Association of N.A.

Qualifications of the Team

Chen Moore and Associates



Fort Lauderdale



Miami



West Palm Beach



Orlando (Maitland)



Gainesville



Jacksonville



Tampa

Founded in 1986, Chen Moore and Associates (CMA) specializes in civil engineering, electrical engineering, water resources, water and sewer, landscape architecture, transportation, planning and 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, Jacksonville, and Orlando (Maitland). CMA has project offices in Gainesville, Sarasota and Tampa. The work performed for this contract will be based out of our Fort Lauderdale office.



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 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.

The firm is currently working on and has successfully completed projects involving the planning, design and construction of a wide range of projects in a multitude of disciplines including:

- 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
- Transmission Engineering
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- 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

CMA employs 105 full time staff, including 28 registered professional engineers, 6 registered landscape architects, 2 certified planners and a certified irrigation designer. With our highly experienced technical design staff, the CMA team has the capabilities to address the smallest to the most challenging civil, environmental and transportation engineering, planning, landscape architecture and construction administration tasks required for many types of public, semi-public and private sector projects. The City can be assured that the CMA team can handle all components of the projects performed under this contract.

Qualifications of the Team

Licenses. Please refer to Section 2 and page 2-4 for licenses.

Ownership/Education and Experience. CMA is a Corporation with 12 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and Section 4 and page 4-2 for our experience.

References. The following clients can be contacted as references:

SunTrust Bank
1601 S Federal Highway
Fort Lauderdale, FL 33316
Contact: Philip Studer
(561) 400-2518

Stoner and Associates Inc.
4341 SW 62 Avenue
Davie FL 33314
(954) 585-0997

Infra Map Corp

InfraMap 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.



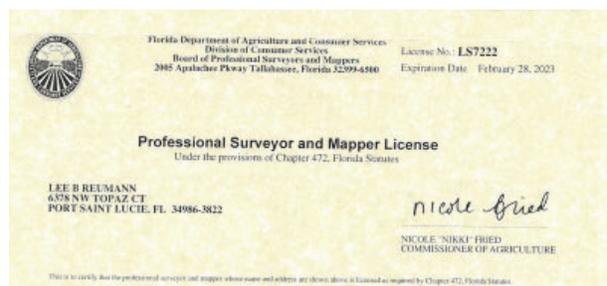
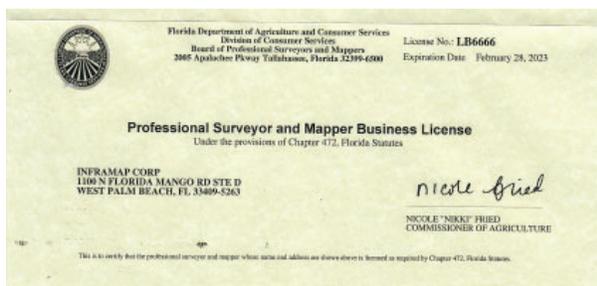
Licenses. Professional Surveyor and Mapper LB6666 (for the firm); LS7222 (for Lee Reumann)

Ownership/Education and Experience. InfraMap Corp is an S Corporation with 1 owner who is an employee of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and disciplines. Alternate Delivery Projects: N/A

References. The following clients can be contacted as references:

Biscayne Engineering
Mike Bartholomew
529 W Flagler St
Miami, FL 33130
(305) 324-7671
MikeB@biscayneengineering.com

FDOT, District 4
Jeff Smith
District Surveyor
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309
(954) 777-4579
Jeffrey.smith@dot.state.fl.us



Qualifications of the Team

Stoner and Associates, Inc.

Stoner and Associates, Inc. has over 25 employees including four licensed professional surveyors and mappers supervising six survey field crews. Stoner and Associates has developed a reputation as a professional, reliable company that provides accurate surveys, legal documentation and associated services combined with dependable service for over a decade.

Licenses. Professional Surveyor and Mapper LB6633 (for the firm) LS4039 (for James Stoner)

Ownership/Education and Experience. Stoner and Associates was founded by James Stoner in 1988 and who leads the firm as an owner and president to date. Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines. Alternate Delivery Projects: N/A

References. The following clients can be contacted as references:

Tony Irvine, P.S.M.
City of Fort Lauderdale
Engineering Division
Fourth Floor
100 N. Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-5052
tirvine@fortlauderdale.gov

Keith Pursell
Project Manager
Town of Davie
Capital Projects
6901 Orange Drive
Davie, FL 33314
(954) 797-1220 Phone
keith_pursell@davie-fl.gov



MOT Plans

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.

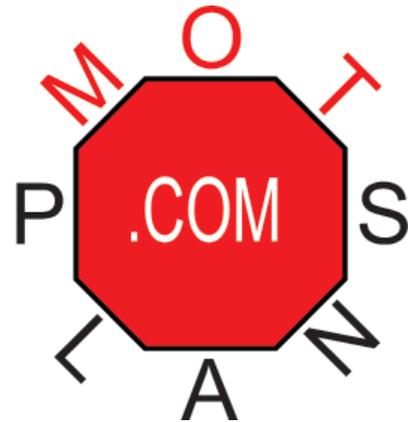
Licenses. N/A

Ownership/Education and Experience. MOT Plans is an LLC Corporation with 2 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines. Alternate Delivery Projects: N/A

References. The following clients can be contacted as references:

Bud Alvarez
Estimator/Project Manager
Hardrives Paving
2101 S Congress Avenue
Delray Beach, FL 33445
(561) 278-0456
bud@hardrivespaving.com

Paul Knight
The Ryan Companies
1700 S. Powerline Road, Suite H
Deerfield Beach, FL 33442
(954) 427-5599



Valerin Group

Stoner and Associates, Inc. has over 25 employees including four licensed professional surveyors and mappers supervising six survey field crews. Stoner and Associates has developed a reputation as a professional, reliable company that provides accurate surveys, legal documentation and associated services combined with dependable service for over a decade. Stoner will be responsible for surveying.



Licenses. Professional Surveyor and Mapper LB6666 (for the firm); LS7222 (for Lee Reumann)

Ownership/Education and Experience. MOT Plans is an LLC Corporation with 2 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and disciplines. Alternate Delivery Projects: North Palm River Drinking Water Project Design-Build, City of Tampa FY 19 Forcemain Replacements Design-Build and the City of Tampa Cypress Street Outfall DB.

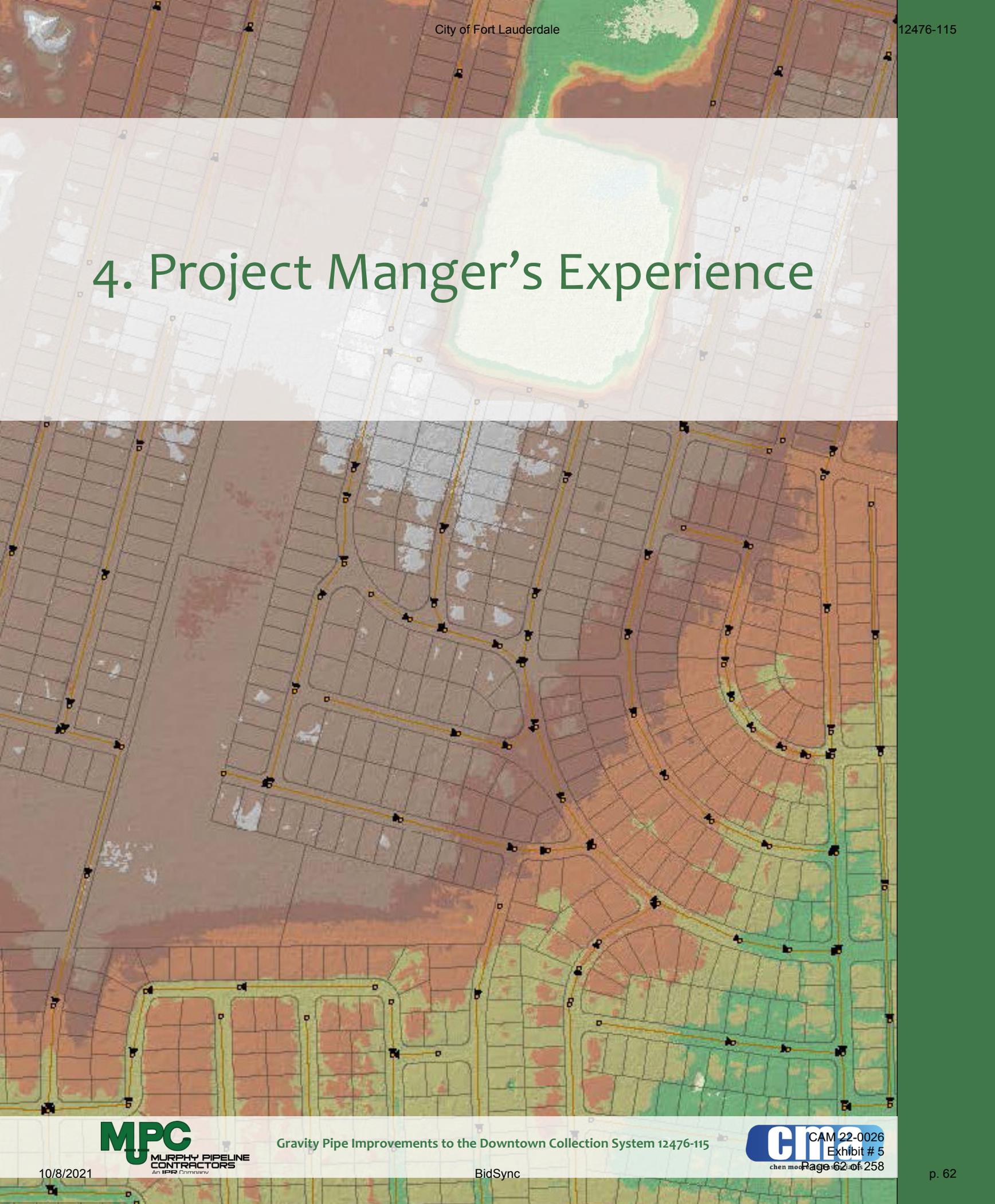
References. The following clients can be contacted as references:

Matt Hester, CGC PMP - Project Manager
 Westra Construction
 1263 12th Avenue East
 Palmetto, FL 34221
 (941) 713-6375
 mhester@westraconst.com

Paige Weeks - Project Manager
 DP Development
 2240 NW 22nd Street
 Pompano Beach, FL 33069
 (561) 574-4384
 paige@dpdevelopment.com

Qualifications of the Team

4. Project Manger's Experience



4. PROJECT MANAGER’S EXPERIENCE

Richard Crow holds a Bachelor of Science in Civil Engineering from Florida Atlantic University. He has over 20 years of experience managing \$400 million in utility infrastructure in South Florida. Throughout his career he has worked as an engineering consultant for both government entities as well as private contractors, providing a unique opportunity to understand all parties involved and provide viable solutions. Richard is a former regional construction manager for a global water management company and was a critical component in delivering sustainable solutions to both government agencies and industrial clients. He has extensive experience in overseeing the design and construction of vital water and wastewater treatment facilities, and his expertise and leadership ensured both a cost-effective design and aggressive production goals being met. Richard currently works with Murphy Pipeline Contractors, Inc and has been instrumental in educating and implementing trenchless technology strategies within municipalities in South Florida.

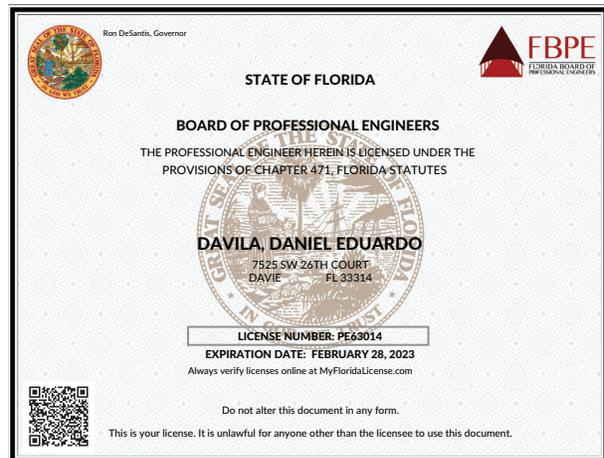


Please refer to Mr. Crow’s resume supplied at the end of this section for detailed qualification information. In addition, Mr. Crow is committed for the duration of the project.

Daniel Davila, P.E. has over 20 years of civil engineering experience. His experience includes water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, construction management and rate and financial studies. Mr. Davila has assisted numerous clients that range from municipalities, counties, federal agencies, healthcare districts, residential developers and commercial developers to educational institutions. 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. Mr. Davila has been the contract manager for several government agencies including St. Lucie County; City of Plantation; St Lucie County School Board; Memorial Healthcare System; Village of Wellington; City of West Palm Beach; and Palm Beach County.



Mr. Davila has served 10 years with CMA. Please refer to Mr. Davila’s resume at the end of this section for related work experience and detailed qualification information. In addition, Mr. Davila is committed for the duration of the project.



Daniel Davila, P.E.

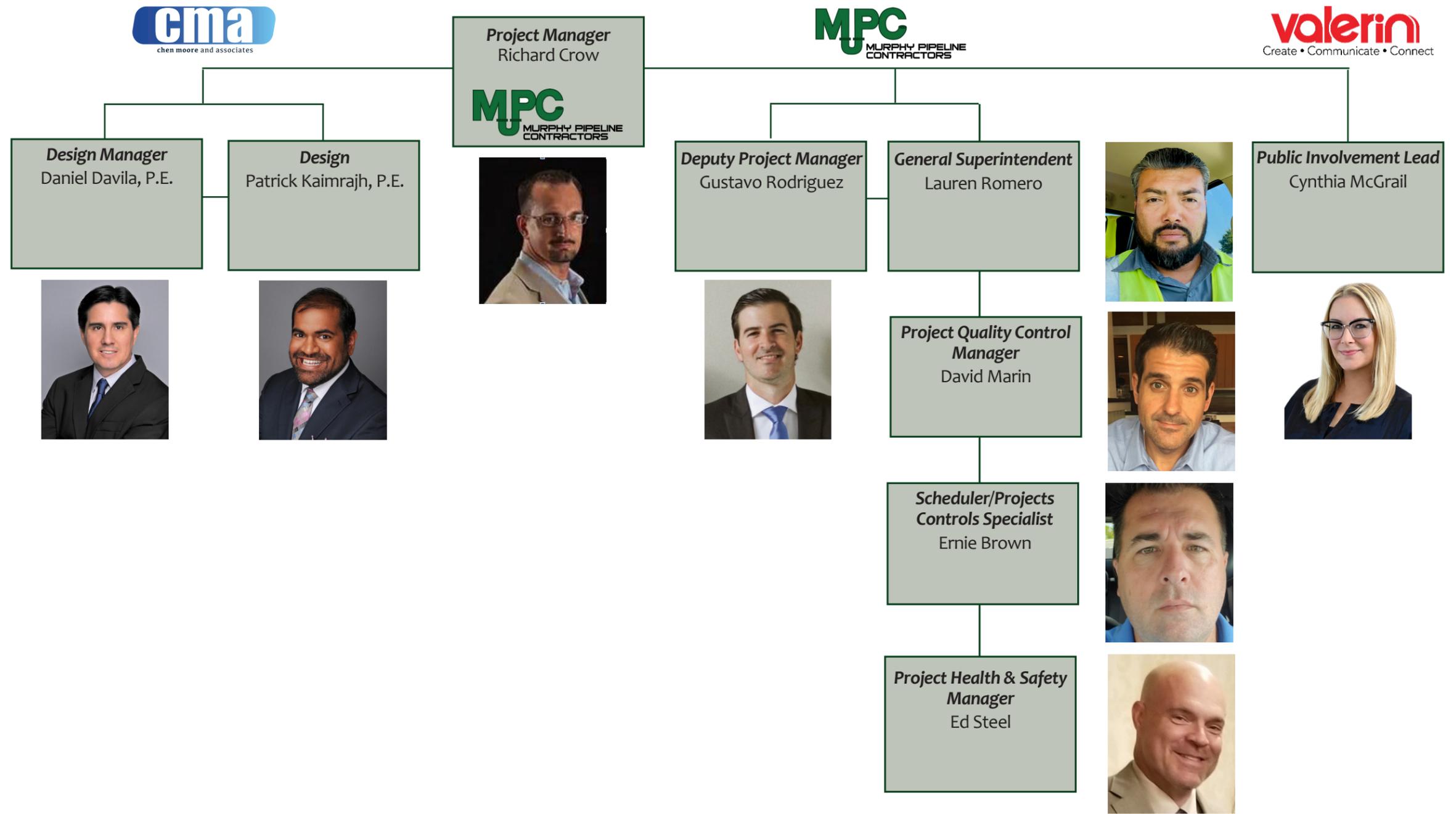
Example Projects

Please refer to our ‘Firms Past Experience’ project lists in Section 2 where multiple team members worked together on a variety of projects.

Project Manager’s Experience



Organizational Chart



Subconsultants

Resumes

Richard Crow *Project Manager*

Education

Bachelor of Science, Civil Engineering, Florida Atlantic University

Certifications

- Confined Space Training
- Work Zone Traffic Control – MOT Advanced Level Certification
- CPR/Medical First Aid
- OSHA 10-hour
- Competent Person Excavation Certification

Mr. Crow has managed over \$347 million in utility infrastructure projects in the Florida area within the last 12 years. He is currently the Director of Engineering and Special Projects for Murphy Pipeline Contractors, Inc. primarily serving the role of Design Build Manager. Prior to that, he has years of experience in consulting engineering and governmental construction management enabling him to be well rounded and communicate with all parties. Mr. Crow has devised, executed and approved strategic and tactical action plans focused on improving financial performance, establishing long-term business growth, and building top performing teams to drive achievement of objectives.

Project Experience

City of Fort Lauderdale North Redundant Sewer Force Main Emergency Project. Design-build manager for new 48-inch line consisting of more than four miles of new pipe installed via 11 horizontal directional drills (HDD) that range between 1,700 and 3,000 lf each to a depth of up to 70 feet. The new force main is 48-inch HDPE and DIP with 30-inch DIP branch sections installed by open cut. The entire project route is through complex urban areas with residential, entertainment and business districts. 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 requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine jurisdictional agencies for this project. Cost: \$24,500,000.00; Role: Design/Build Manager.

City of Fort Lauderdale Emergency Design-Build 30-inch Force Main Replacement. Design-build manager for four phases within the City. These nearly 20,000 lf of pipeline were replaced through a combination of CompressionFit, directional drilling, and traditional open cut installation. DBE Utility Services was the team’s partner for HDD. Environmental compliance, subaqueous crossing, public involvement, maintenance of traffic and congested utility corridors in the busy Sistrunk and Himmarshee Business Districts were some of the

Project Manager’s Experience



additional project complexities. Dewatering permitting and groundwater modeling due to contaminated sites within a quarter mile of the projects were required. Cost: \$17,000,000; Role: Design/Build Manager.

Design Build Services for the City of Coral Gables Sanitary Sewer Upgrade. Project consisted of rehabilitating approximately 1600 LF of gravity sewer in an upscale, high traffic area within the City of Coral Gables to support urban residential development. Cost; \$1,418,446.00 Role: Design/Build Manager

Florida Keys Aqueduct Authority CUDJOE Wastewater Improvements. The project consisted of 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations. In addition to the sewer components, the project included over 55,000 lf of water main replacement of 6-inch, 8-inch and 12-inch by open cut. Cost: \$97,000,000; Role: Design/Build Manager.

Design-Build-Operate for the Village of Islamorada Wastewater Collection System. The DBO scope generally includes the following: 4 vacuum pump stations; 1 master pump station; 7 Ocean Channel Creek HDD crossings from 8-inch to 18-inch; 400,000 LF of 3” and 10” PVC / HDPE for vacuum/low pressure grinder collection system; 100,000 LF of 8” and 18” transmission main and 550 residential grinder pumps. Cost: \$104,950,279; Role: Design/Build Manager.

Gustavo Rodriguez
Deputy Project Manager

Education

Bachelor of Science, Civil Engineering, Florida International University

Certifications

OSHA Certification Training in HazMat

OSHA Competent Person, Confined Space, Contaminated Soils, and Safety Supervisor

FDOT Advanced MOT Certification

Mr. Rodriguez is Currently a project manager with 5 years of Engineering and Construction experience. He possesses strong analytical and organizational skills that allow him to successfully anticipate client needs and delivery a finished product under budget and ahead of schedule. His methodical approach to managing and executing projects had enabled him to forge and leverage relationships with both project owners and design partners.

Project Experience

The Standard at Coral Gables. Project was located in upscale, urban section of the City of Coral Gables. The project consisted of the replacement of approximately 1000 LF of Sanitary Sewer and the installation of four manhole structures from design, permitting and construction. Mr. Rodriguez was successfully able to navigate community and business needs to ensure stake holder satisfaction. Mr. Rodriguez was responsible for all components of project supervision; including contractual management, design changes, client interface, and subcontractor coordination and scheduling. Cost: \$612,750.00 Role: Project Manager

City of Florida City Project Nos. 10 & 11 Force Main 1 and 2 Replacement. The Scope of construction consisted of replacing approximately 4000 LF of 6"-12" Force Main along Krome Avenue Mr. Rodriguez managed the project from conception; assisting with permit submittals, material procurement, staffing and subcontractor coordination. He provided support for all field management in performing their responsibilities to ensure an efficient, safe and cost-effective execution of project. Cost: \$642,744.00; Role: Project Manager.

Bal Harbour Village Trenchless Rehabilitation and Related Items and Services. Rehabilitation water main and sewer ranging in size from 8-inch to 20-inch via pipe bursting and horizontal directional drill methodology; replacement of fire hydrants, relocation of services from rear easement to front utility easement. Cost: Active or complete phases: \$4.3 Million Role: Project Manager

I-95 Express Lanes Phase 3B1 from South of SW 10th St to South of Glades Road in Broward and Palm Beach. Project consisted of extending high occupancy toll lanes from south of SW 10th St to Glades Road in Broward and Palm Beach counties. Mr. Gustavo was instrumental in maintaining the financial health of the project and developed and revised project budget accordingly with field management and owner input. Cost: \$102 Million Role: Project Engineer

Project Manager's Experience



Lauren Romero
General Superintendent

Certifications

OSHA 30 Hr. HAZMAT

OSHA’s Supervisor / Management

FDOT Temporary Traffic Control Advanced

Mr. Romero is a results-oriented, hands-on Construction Manager with over 15 years of underground construction experience. He has proven success in executing and managing a wide variety of construction projects. Mr. Romero effectively oversees the complete construction process to maximize quality, cost control, and efficiency on each job site. He prioritizes a client focused approach to ensure owner satisfaction and to maintain project schedule and to finish within budget.

Project Experience

Eagle Pass Water Works System Cast Iron Pipe Replacement Project. Project consisted of replacing approximately 95,800 LF of existing Cast Iron water main via Pre-Chlorinated Pipe Bursting, Open Cut, and Horizontal Directional Drill. The cast iron water mains were replaced with 2” to 12” HDPE. The project also included the installation of new fire hydrants, removal and replacement of existing hydrants, reconnecting all service lines and reconnections to new or existing water mains. Mr. Romero was responsible for the managing of all elements of project execution and delivered the project under budget and ahead of schedule. Cost: \$10,781,775.00; Role: General Superintendent

City of Fort Lauderdale Emergency Design-Build Installation of New Redundant Bypass Line. Design/ Build project in conjunction with design partners Chen Moore & Associates. The project consists of the rehabilitation, through Horizontal Directional Drilling and open cut, of approximately 22,000 LF of Force Main along Bayview Drive from Coral Ridge County Club to south of Sunrise. Mr. Romero is responsible for managing all components of field operations Cost: \$27,913,506.00; Role: Construction Manager

The City of Fort Lauderdale Croissant Park Small Watermain Improvements. Project consisted of the replacement of approximately 15,000 LF of small diameter water main, replacement of fire hydrants and over a hundred service connections in an established neighborhood south of Davie Blvd. Mr. Romero delivered a successful project while maintaining community satisfaction and strengthening relationships with the stake holders. Cost: \$2,327,438.00 Role: Construction Manager

City of Pompano Beach State Road A1A Water

Project Manager’s Experience



Main Improvements. Mr. Romero was responsible for managing all elements of the project execution and coordinating all processes with owner. SEC Project Manager Contract Value \$1,000,000. Type of Construction: Watermain (via pipe bursting small diameter existing) and roadway improvements.

The City of Coral Springs Lift Station 21C Reconstruction and New Force Main. Mr. Romero was responsible for all components of the job start up coordination and project execution to ensure maximum profitability and owner satisfaction. SEC Project Manager: Contract Value \$1,000,000. Type of Construction: Sewer Pump Station and installation of 10' Forcemain.

Florida National University. Mr. Romero is responsible for all components of project management; including contractual management, design changes, client interface, subcontractor coordination and scheduling. SEC Construction Manager: Contract Value: \$550,000. Type of Construction: Replacing approximately 15,000 LF of small diameter water main.

Project Manager's Experience

David Marin

Project Quality Control Manager

Certifications

QA/QC/Field Engineering Course Work

CSP

Confined Space, Fall Protection, Scaffolding, and Trenching & Excavation

DOT Maintenance of Traffic Intermediate Certification

Construction Safety and First Aid/ CPR

Site Safety/OSHA Compliance

Road, Bridge and Utility Construction Supervision

Environmental Remediation

Mr. Marin has made a career in the construction industry over the past 22 years, with the past 12 in utility construction. He performed at every level within the industry including laborer, operator, foreman, superintendent, project manager and now General Superintendent overseeing Quality Control and Quality Assurance for Murphy Pipeline. He has been responsible for and managed multimillion-dollar projects overseeing teams with a determined focus on safety.

Project Experience

The City of Coral Gables Sanitary Sewer Improvement Upgrade. Mr. Marin managed a state-of-the-art technique of trenchless manhole to manhole modular pipe installation of approximately 1700 LF of sewer line. In an upscale commercial area of Coral Gables. Cost: \$1,600,000. Role: General Superintendent QA/QC Manager.

Plaza Coral Gables Phase II MPC. Mr. Marin managed all facets of project operations with focus on quality control and assurances for the replacement and rehabilitation of approximately 1600 LF of gravity sewer line. Cost: \$1,400,000. Role: QA/QC Manager

The City of Boynton Beach Central Seacrest Corridor Drainage Improvements and Watermain Replacement Contract. Design-Build 30,000 LF of 8” WM Replacement. Mr. Marin was responsible for ensuring best practices being followed to ensure consistent focus on safety and quality control. Cost: \$4,856,527 Role: QA/QC Manager

City of Fort Lauderdale Emergency Design-Build 30-inch Force Main Replacement. Approximately 20,000 LF of pipeline were replaced through a combination of CompressionFit, directional drilling, and traditional open cut installation. DBE Utility Services was the team’s partner for HDD. Environmental compliance, subaqueous crossing, public involvement, maintenance of traffic and congested utility corridors in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Dewatering permitting and groundwater modeling due to contaminated sites within a quarter mile of the projects were required. Cost: \$17,000,000; Role: QA/QC and Construction Manager.

East Las Olas 12” Forcemain Replacement. Approximately 1600 LF of 16 Inch Force Main. Mr. Marin worked with Construction Manager to

Project Manager’s Experience



establish systems to maximize production and ensure all milestones were met with focus on quality final product being released to owner. Cost: \$1,038,800; Role: QA/QC Manager

Design-Build-Operate for the Village of Islamorada Wastewater Collection System. The DBO scope generally includes the following: 4 vacuum pump stations; 1 master pump station; 7 Ocean Channel Creek HDD crossings from 8-inch to 18-inch; 400,000 LF of 3” and 10” PVC / HDPE for vacuum/low pressure grinder collection system; 100,000 LF of 8” and 18” transmission main and 550 residential grinder pumps. Cost: \$104,950,279; Role: QC/QC and Construction Manager.

Project Manager's Experience

Ernie Brown

Scheduler/Projects Controls Specialist

Registrations

State of Florida Underground Utility Contractor License

State of Florida Plumbing License

Certifications

OSHA Certification Training in HazMat, Competent Person

DOT Maintenance of Traffic

Mr. Brown is a results focused and dynamic professional, with extensive experience in heavy civil construction management. He possesses strong strategic management capabilities, highly analytic and problem-solving skills and expertise in planning and execution. He has a proven history of success in overseeing the management of simultaneous multi-million-dollar projects and is versed in contract negotiations, anticipating obstacles and providing strategic solutions that have allowed him to forge strong relationships with multi levels of organizations.

Project Experience

Eagle Pass Water Works System Cast Iron Pipe Replacement Project. Project consisted of replacing approximately 95,800 LF of existing Cast Iron water main via Pre-Chlorinated Pipe Bursting, Open Cut, and Horizontal Directional Drill. The cast iron water mains were replaced with 2” to 12” HDPE. The project also included the installation of new fire hydrants, removal and replacement of existing hydrants, reconnecting all service lines and reconnections to new or existing water mains. Mr. Brown developed, implemented and maintained scheduling and production control throughout the duration of project. Cost: \$10,781,775.00; Role: Project Controller/Scheduler

The Standard at Coral Gables. Project was located in upscale, urban section of the City of Coral Gables. The project consisted of the replacement of approximately 1000 LF of Sanitary Sewer and the installation of four manhole structures from design, permitting and construction. Mr. Brown was responsible for contract negotiations and all preliminary work to put the project into production. He managed scheduling and all costs associated with construction Cost: \$612,750.00 Role: Project Controller/Scheduler

The City of Boynton Beach Central Seacrest Corridor Drainage Improvements and Watermain Replacement Contract. Contract Value \$4,856,527. Design-Build 30,000 LF of 8” WM Replacement. Mr. Brown was responsible for managing all elements of project execution and coordinating all processes with the owner. He recruited, scheduled, and supervised subcontractors, enforced company policies, procedures and safety guidelines. He managed multiple phases of construction while maintaining critical communication with owners to

Project Manager's Experience



ensure community satisfaction. Cost: \$4,856,527 Role: Project Controller

City of Florida City Project Nos. 10 & 11 Force Main 1 and 2 Replacement. The Scope of construction consisted of replacing approximately 4000 LF of 6"-12" Force Main along Krome Avenue Cost: \$642,744.00; Role: Project Controller/Scheduler

Project Manager's Experience

Ed Steel

Project Health & Safety Manager

Registrations

USACE Construction Quality Management of Contractors

OSHA 30

First Aid/CPR Certified

OSHA Excavation Safety and Training Competent Person

FL MOT Intermediate Certification

Flagger MOT Certified Trainer

QCS/RMS Trained and Proficient in the use of the system

Confined Space Certified

NASSCO Certifications

PASP, LACP and MACP

Mr. Steele has been involved in almost every aspect of Murphy Pipelines work; from Superintendent, Project Manager, QA/QC Manager and currently Safety and Risk Manager. Mr. Steele has strong strategic management capabilities, highly developed analytical and problem-solving skills, and expertise in mitigating risk to stakeholders and owners alike. He has a successful track record of ensuring all projects operate with zero safety incidents.

Project Experience

Eagle Pass Water Works System Cast Iron Pipe Replacement Project. Project consisted of replacing approximately 95,800 LF of existing Cast Iron water main via Pre-Chlorinated Pipe Bursting, Open Cut, and Horizontal Directional Drill. The cast iron water mains were replaced with 2” to 12” HDPE. The project also included the installation of new fire hydrants, removal and replacement of existing hydrants, reconnecting all service lines and reconnections to new or existing water mains. Mr. Steele was responsible for creating systems to ensure the safety all site personnel and to mitigate risk throughout the project from inception to project close out. Cost: \$10,781,775.00; Role: Health and Safety Manager

The City of Boynton Beach Central Seacrest Corridor Drainage Improvements and Watermain Replacement Contract. Design-Build 30,000 LF of 8” WM Replacement. Mr. Steele was responsible for enforcing compliance with regulations and ensuring health and safety guidelines were being implemented on site daily.. Cost: \$4,856,527 Role: Health and Safety Manager.

The City of Fort Lauderdale Victoria Park Small Watermain Improvements Project. Approximately 22,000 LF of 4”-8” WM replaced. Mr. Steele worked with project management team to ensure daily safety meetings were being held with relevant and consistent information, and that all safety certifications of personnel remained up to date and active. Cost: \$10,282,620 Role: Health and Safety Manager

5 Year Water Main Replacement Program, Arlington Water Utilities, TX. Health and Safety Manger for multiple phases of water distribution replacement. The program included water main replacement in densely populated mature residential areas. The program includes replacement of 6-inch through 12-inch water main in roughly 90% mature residential neighborhoods and 10% through business districts and in front of schools. The areas include mature landscaping/ trees, pedestrian foot traffic and congested utility corridors. Significant QA/QC program implemented from planning through to construction.

Project Manager's Experience



Daniel Davila, P.E.
Design Manager

Education

Bachelor of Science, Civil Engineering, University of Florida, 2000

Registration

Professional Engineer, Florida, 63014, 2005

Professional Affiliations

American Academy of Environmental Engineers

Florida Engineering Society

Florida Healthcare Engineers Association

Certifications

Stormwater Management Inspector

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 planning and design of 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.

Project Experience

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B (RFP No. R1356803P1), Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project includes 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 23,600 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 currently under construction, in which CMA is performing construction administration for three separate bid packages.

Lift Station Assessment Project, North Lauderdale, FL. CMA will provide professional civil engineering services for the assessment for potential

Project Manager's Experience



replacement/restoration of sanitary sewer lift stations in the City of North Lauderdale, Florida. CMA will provide site investigation, topographic survey, geotechnical investigation, utility coordination, hydraulic modeling, design services, regulatory permitting, bidding assistance, and limited construction administration for this project. CMA will be responsible for the development of the design documents for the assessment with regards to renovation/replacement of Lift Stations 1, 3, 9, 13, 14, 18 and 20.

TO-01 South River Forcemain Crossing, Ft Lauderdale, FL. 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.

TO-11 - P12352 - S. River Forcemain Crossing Design Review and CEI Services - Contract 466-11723-2 - PO PP171887-12 with City of Ft. Lauderdale, FL. 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.

Southgate Boulevard & Rock Island Force Main, Margate, Florida. CMA is assisting Carollo Engineers with installing approximately 6,000 linear feet of sanitary sewer force main to provide system redundancy. CMA is responsible for the survey, geotechnical engineering, subsurface utility investigation, design, permitting and bidding assistance. The firm is also providing hydraulic modeling services to verify the impacts to other areas of the sewer transmission system with the implementation of the new force main.

SBBC- Charles W Flanagan High School-GOB Renovations, Pembroke Pines, FL. The project consists on the construction of a new classroom building which will be replacing buildings #3, #4 and #6. The new building required connection to the existing school drainage system, a new water service, fire lines and sanitary sewer service. CMA provided civil engineering services for the design of fire lines, fire department connections (FDC) including fire flow calculations per ISO and NFPA standards, hydraulic modeling, extension of watermains, pavement and sidewalk restoration to accommodate the proposed improvements. The design also required drainage improvements and permitting with the Fire Rescue Department, South Broward Drainage District (SBDD) and Broward County Health Department (BCHD). Chen Moore also provided Landscape Architecture and Irrigation design to comply with the School Board and local regulatory agencies.

Margate Elementary School - Phase II (16014 Phase II), Margate, FL. This project consists of the replacement of existing buildings No. 4 and No. 6 with a new 8,400 SF building at the Margate Elementary School in the City of Margate, FL. CMA is responsible for the civil engineering design and permitting, including water main, sanitary sewer services, fire protection infrastructure, stormwater drainage, grading, and paving restoration. The fire protection system includes a fire main, which is designed as a closed loop system without any dead ends, a fire hydrant, a fire department connection, and backflow preventer. The building water service will be tapped off the proposed 8-inch water main loop. The Needed Fire Flow (NFF) was estimated and modeled in accordance with the methods presented in NFPA 1 Fire Code.

A storm drain gravity line will collect the roof drain and connect to the existing stormwater system. The proposed storm drain ranges from 8-inches to 10-inches, conveying the stormwater flow from the building to a catch basin located East of building No. 8, which subsequently discharges to the Stranahan River through an existing outfall. Services include permitting through the engineering and planning department of the City of Margate.

5. Project Methodology & Approach



5. PROJECT METHODOLOGY & APPROACH

Delivering a quality project to achieve your goals.

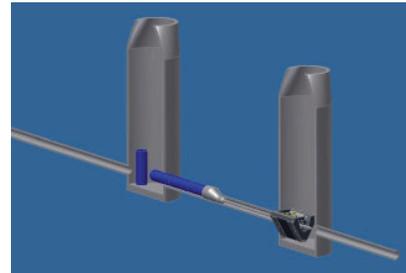
Our approach is based on many years of successful service to the City.

I. BACKGROUND

The City of Fort Lauderdale (CITY) has an upcoming project where they plan to improve the gravity sewer system in the downtown Fort Lauderdale area. The project is located along SE 2nd Street, SE 1st Ave, and E Las Olas Blvd, extending from SW 1st Ave to SE 3rd Ave. This location is a very active downtown and entertainment area, and therefore the project needs to be as unobtrusive as possible. The City is looking for a design build firm that can design, permit, and build the proposed improvements by using trenchless methods and minimizing impact. Approximately 2,120 LF of gravity sewer pipe is expected to be replaced, including the connection of sewer laterals.

Murphy Pipeline Contractor (MPC) has teamed up with Chen Moore and Associates (CMA) to provide an efficient trenchless approach for this project. The team plans to meet and exceed the city's goals by considering the following aspects:

- Public Outreach Approach
- Familiarity with local subsurface conditions and interpretation of geotechnical data obtained by the DBF, to augment preliminary geotechnical data
- Existing cured in place pipe (CIPP) considerations
- Pipe bursting installation
- Open cut installation
- Sewer lateral connections
- Bypass plan, flow considerations, and operations
- Traffic study that meets the requirements of permitting agencies
- Maintenance of traffic
- Dewatering.
- Erosion and Sediment Control
- Manhole improvements and impacts including sections of manholes which must be removed for pipe bursting operations



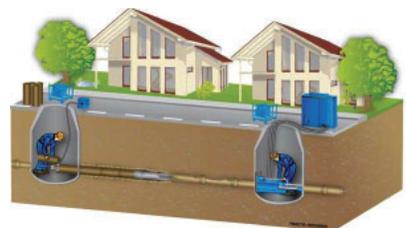
In addition to the engineering and construction aspect of the project, our team is providing a comprehensive approach that highlights our awareness and understanding of the community's unique needs.

II. APPROACH METHODOLOGY

As previously indicated, our team has successfully designed, permitted, and constructed several Trenchless Projects within South Florida and the City of Fort Lauderdale. Our approach is simple but efficient and it will allow us to provide the City with a sound efficient design and construction, all within budget and ahead of schedule.

Our Trenchless Project Approach is structured around KEY GOALS

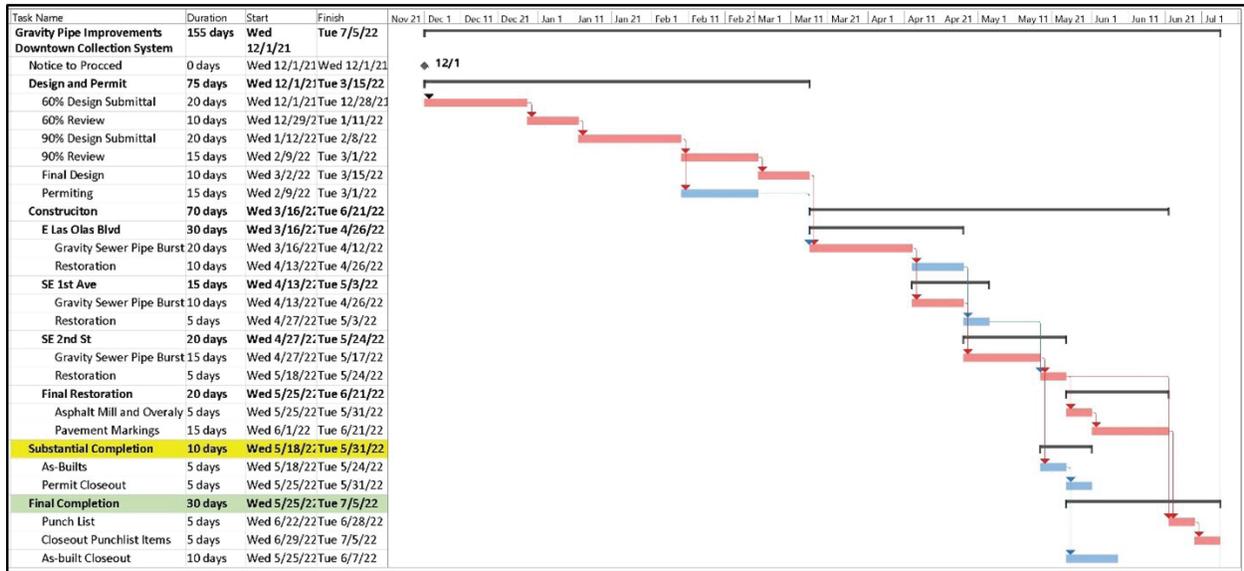
1. Community Coordination and Public Involvement
2. Minimize the construction footprint to the Downtown Area
3. Reduce the construction duration
4. Sustain the surrounding business and residents Way of Life



Proposed Design-Build Schedule

The use of our Trenchless approach of man hole to manhole pipe bursting of the existing gravity lines has allowed the MPC team to create a proposed schedule that will limit the duration of construction that impacts the Downtown Area. Additionally, the proposed schedule shows a completion date roughly three months ahead of the contract time.

This decrease in project length is an exceptional benefit to the team, the City of Fort Lauderdale, and the impacted community. -



Public Outreach Approach

The MPC Team would like to emphasize that the public outreach, communication, and coordination with the Las Olas Downtown Area community is one of the most important foundations in creating a successful project. Due to the nature and location of this project, the MPC Team has partnered with The Valerin Group to assist in maintaining high stakeholder satisfaction and a seamless communication process between all parties involved. Throughout this proposal, we will detail Valerin Group’s intimate knowledge of City events and local flavor that will enable the MPC Team maintain positive community relationships.

Our public involvement partner, The Valerin Group, Inc. (Valerin), will lead our team’s community outreach and public engagement efforts for this project. Valerin’s extensive experience with similar infrastructure projects and familiarity with downtown Fort Lauderdale’s Las Olas neighbors and businesses, will support our commitment to early, continuous, and meaningful communications and outreach that gains public support for the project and minimizes impacts to stakeholders.



Valerin received Tampa Bay’s PRestigious Award for Community Relations for the Hillsborough County’s North Palm River Drinking Water Design-Build project.

Project Methodology & Approach

Community Outreach Plan. Valerin will develop a Community Outreach Plan (COP) that will serve as a “blueprint” outlining the communication tools, techniques and methods to be used and updated throughout the duration of the project. The COP will be developed with an understanding of the specific stakeholder concerns from residents and businesses in the Las Olas district. Upon completion, the COP will be submitted to City staff for review and approval. The COP is a living document and outlines stakeholder management, public meetings, special events and communications activities during design and construction as well as anticipated stakeholder concerns.

Stakeholder Management | Concerns. Early and continuous outreach and communication to address specific concerns is critical to minimizing impacts to the community. Valerin will develop a stakeholder database comprised of key stakeholders including The City of Fort Lauderdale Transportation and Mobility department (TAM), Broward County Transit, Broward County, the Downtown Development Association (DDA), the Las Olas Association and the Downtown Fort Lauderdale Civic Association as well as property owners, residents, businesses and emergency services/first responders. Specific stakeholder concerns may include access to valet parking as well as noise, odor and dust near outdoor patio seating at restaurants including:

- Eddie V’s
- YOLO
- Java & Jam
- Arborwood Kitchen
- Royal Pig BBQ

Access to parking, noise and utility impacts will be of concern to office buildings and apartments, condominiums and hotels including the

- Hyatt Centric
- Icon Las Olas
- Alluvion Las Olas
- River House and 1WLO

The NSU Art Museum, Broward County Government Center and Library will be concerned that pedestrian and parking access may be impacted during construction. Medical services providers including Shino Bay Cosmetic Dermatology perform in-office procedures where unexpected vibrations or utility impacts would be of concern.

We will also take into consideration impacts to local events including the **Las Olas Art Fair, Exotics on Las Olas and the Fort Lauderdale International Boat Show.**

The Florida Department of Transportation’s (FDOT) Henry E. Kinney Tunnel Improvements and Pedestrian Plaza Project includes major road closures and detours along Las Olas Boulevard and adjacent to the project boundaries, which we anticipate will result in increased traffic congestion throughout the area. Our comprehensive stakeholder database will capture contact information as well as track correspondence with dates, stakeholder type, form of communication, area(s) of concern, inquiries, responses and resolutions.

Public Meetings. A Virtual Public Information Meeting using Zoom or Go-to-Webinar will be conducted at approximately 90% design plans to allow stakeholders the opportunity to receive timely project information and construction schedules, speak to project staff, and provide valuable feedback. Meeting planning and coordination will include development of collateral and a PowerPoint presentation; distribution of meeting invitations via social media, email and personal delivery; meeting production, attendance, moderation and Q&A support and preparation of a summary report including attendance lists and question/answer summary. Valerin will work with the City’s strategic communications team to ensure all material is pre-approved and meets City brand guidelines.



The Valerin team conducts a virtual stakeholder meeting.

Pre-Construction Activities. Several weeks prior to the start of construction, Valerin’s Community Outreach Specialist (COS) will develop and distribute flyers via email and/ or personal contact providing notice of the start of construction, what to expect during construction, and contact information. This information will also be provided to the City’s Strategic Communications staff for posting to the City’s website and social media platforms.

Construction Phase – Outreach Tools | Techniques | Activities

During construction, Valerin’s COS will perform public information and outreach activities to include the following:

- Attendance at regular progress meetings to be kept up to date on project activities.
- Meeting/interacting one-on-one with property and business owners, property managers/ associations, developers and other interested parties to include key stakeholders
- Maintaining a project specific 24/7 Hotline and project email address and respond to inquiries in a timely manner.
- Developing/creating project collateral such as a project fact sheet, notifications, flyers, Frequently Asked Questions (FAQs), and other relevant information
- Distribute project collateral via personal delivery, email and/or first-class mail to property owners, businesses and tenants located near the project site, and to other interested parties.
- Maintain stakeholder database (using a Stakeholder Management Database System).
- Correspond regularly with the City regarding relevant project updates/information to post to social media platforms, website and in other channels including the City Newsletter (LauderTrac), FTL City News, City Video Programming ie; “The Buzz”, FLTV



The Valerin team provides communications, community outreach and engagement support for the City of Tampa Water Main Improvements Design Build Project.

Project Communications. Based on our team’s prior experience, project knowledge and relationship building, we can anticipate many of the questions and concerns that may arise and address them through pre-approved communications materials such as a project fact sheets and FAQs. All written responses will be presented to the City’s Project Manager for review and approval prior to being released to the public.

Valerin’s COS will typically respond to routine public inquiries either within two (2) hours of receiving a call, message and/or email or the morning of the next business day if received after hours or on the weekend. We understand that even when there is no immediate answer to the inquiry, it is important to be responsive and to reassure the caller their concern has been heard and will be addressed. This can often be the difference between a minor problem being resolved or escalating into a crisis.

Project Collateral (Fact Sheets, Flyers and Newsletters). Valerin’s, graphic design specialist will develop collateral pieces that are factual, informative, educational and tailored to meet the needs and requirements specific to this project.

Collateral and notifications are written in “plain language” so it is easily understood by the public and include QR codes for easy access to the project website. Collateral materials include but are not limited to: Fact Sheet; Flyers; Notifications; E-Mail Updates; and Social Media Announcements. **After Valerin performs an internal QC review of the documents, the drafts will be provided to the City for final review and approval prior to printing and distribution.**

Website and Social Media. Valerin’s project COS will provide content to post on the City’s website or project website, including project information and updates as appropriate. We understand the website serves as a primary source of public information on City activities and will ensure that website links are included on all collateral material to drive interested parties to the site.

The project COS will also provide content for City social media accounts (Facebook, Twitter, Instagram, YouTube, Nextdoor) to inform the public about project activities, schedule and impacts. The social media channels will be regularly monitored to identify trending subjects and issues and provide valuable feedback to the City’s Strategic Communications staff.

Project Updates. The project COS will prepare a weekly “Projects Update Report” for this project. This information will detail project activities as well as future activities as documented in the contractor’s two-week look ahead and project schedule. The report will include any inquiries and responses received from the public and media.

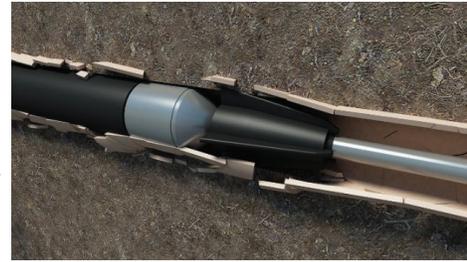
Elevation (feet)	Depth (feet)	Graphic Log	Sample No.	Recovery (feet)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per foot (SP)
0	0				ASPHALT (6.25")		
	1				Light Brown LIMESTONE with Fine to Medium Grained Sand (BASE)	SP-GM	21-13-1 N=34
	2				Light Brown Fine to Medium Grained SAND with Some Limestone	SP	
	3				Dark Brown to Black, Fine to Medium Grained SAND (Organic Stained)	SP	11-5-6 N=10
	4				Brown, Slightly Silty Fine to Medium Grained SAND	SP-SM	6-2-3-3 N=5
	5				Light Brown LIMESTONE with Fine to Medium Grained Sand	SP-SM	3-4-4-6 N=8
	6						6-5-9-10 N=14
	7				Light Brown Fine to Medium Grained SAND	SP	5-4-5 N=9
	8						9-9-10 N=19

1. Local Subsurface Conditions & Associated Geotechnical Data

Our team has evaluated the available geotechnical data provided by the City and made a distinct evaluation of the low N values from the boring logs. These existing conditions are favorable for the Pipe Bursting process. We are also aware of the presence of a high-water table which will have a limited impact during a trenchless operation when compared to an open cut approach.

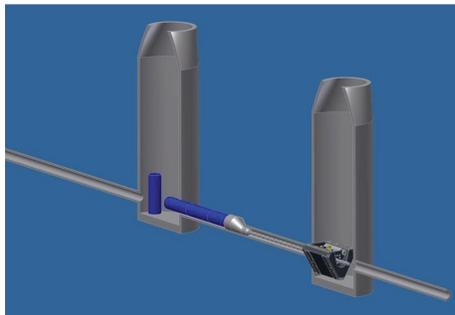
2. Existing cured in place pipe (CIPP) considerations

Our team has extensive experience with existing CIPP lining upsizing projects. For continued success we have designed and supplied pipe



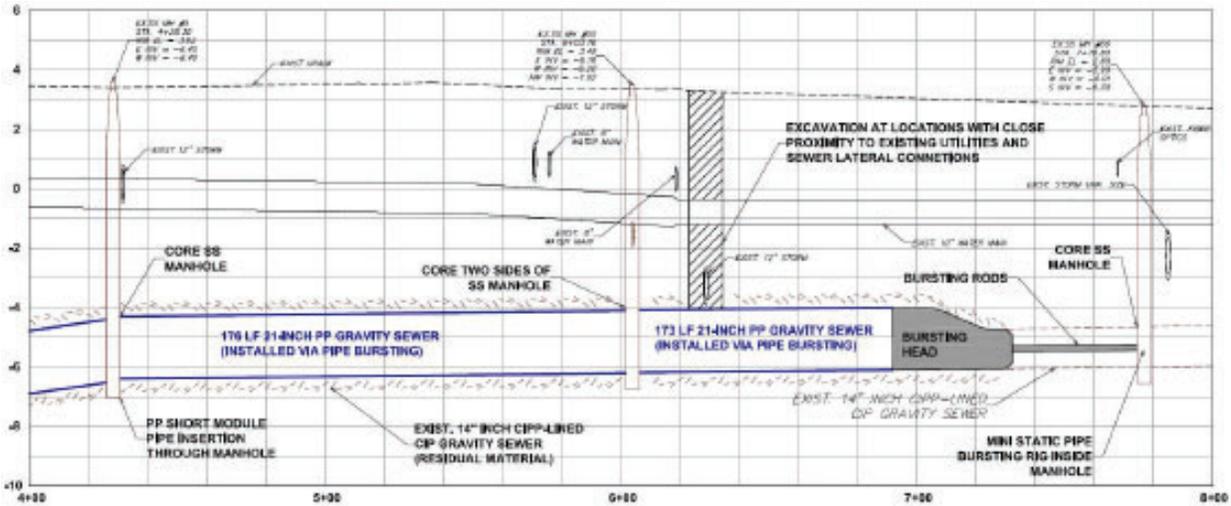
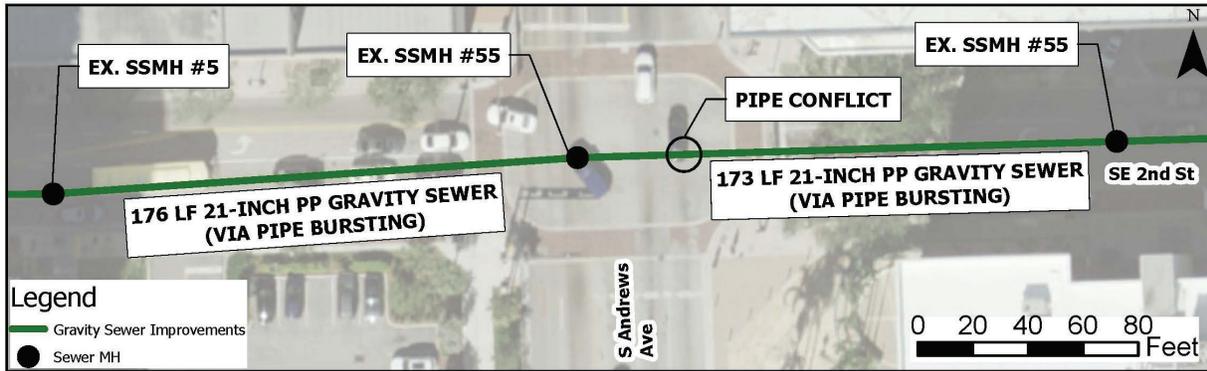
burst heads that allow fracturing the main with little resistance. Inverts are traditionally opened up and left over CIPP, in and around the manhole, is removed to provide a perfect seal. Leaving CIPP and sealing the inverts over the new line could cause a leak point. Therefore, MPC highly recommends removing the old CIPP when rehabilitating lines.

3. Pipe Bursting Installation



For a successful trenchless project that offers the least impact to the surrounding area the MPC Team proposes a manhole-to-manhole pipe bursting approach. In this approach the modular pipe and pipe bursting equipment fit inside the existing manhole. Additionally, if conditions allow, pipe bursting can be performed through existing manholes. As an example, a pipe burst run can have four manholes within the same run. The set up would be at first and fourth manholes, thus bursting through manhole two and three. There are linear limitations to the length of bursting that is impacted by the straightness of the run and the diameter increase. Burst with smaller diameter are limited to 800 LF and larger size increases are limited to 400 LF.

An application of this approach can be found in the example plan and profile view, where pipe bursting can be performed through an existing manhole, thus limiting above ground traffic impact to the intersection.



After the pipe bursting process has been achieved inverts are sealed and mudded in the traditional way. Allowing for a standard tight seal around the new pipe.



SSMH #5 - Short Module PP Pipe Insertion Through Manhole



SSMH #55 - Static Pipe Bursting Rig Inside Manhole



4. Open Cut Installation

Open Cut installation is proposed to be limited in the project. We anticipate open excavation for lateral connections, conflict structures, and manhole replacements, if needed. During the open cut installations, The MPC Team will ensure that proper trench support, dewatering activities, maintenance of traffic and community coordination exceed the client's expectations. Our team has experience working in the project area and has recently successfully completed

several projects in and around the proposed site. Experience, knowledge, and dedication to the finer detail will ensure successful open cut operations along this highly visible corridor.



5. Sewer lateral connections

The sewer lateral connection will require intensive investigation through CCTV to review each lateral and to determine reconnection or abandonment. Once we determined if the lateral connection will be reinstated or abandoned, our team will submit our proposed activities for confirmation from the City of Fort Lauderdale operations department. Additionally, our team will provide a post inspection of the lateral via CCTV to ensure proper tight seal connection.

The MPC team has used the proposed Inserta Tees on several of our local gravity sewer upgrade projects. Inserta Tee allows easier grading of mainline and ensures that side services are installed exactly where they need to be. Using them reduces the need to completely excavate the mainline connection for a traditional wye connection.

6. Bypass plan, flow considerations, and operations

The overall plan is structured around maintain existing gravity flow and mitigating the impact to the surrounding area. Our team will be using silent pumps supported by an additional layer of construction site sound barrier curtains. These silent diesel bypass pumps comply to city noise ordinance of 71 dba at 23'. The bypass will include suction manifold into a Silent Diesel Pump (Primary) & Silent Diesel Pump (back up) the laterals will be bypassed with dedicated bypass pumps.

The bypass for this project will be done in phases. Each bypass will account for all gravity lines and laterals into manholes and mainline pipes. Silent diesel pumps will be used for the bypass including primary and backups. Bypass piping and road ramps will help to reduce the impact on local pedestrian and vehicular traffic. The bypass plan will begin in the low end of the project on Las Olas Blvd and run east bound to SE 1 Ave. The bypass will turn north bound until SE 2 Street. Bypass will then go west bound on SE 2 Street until the terminal manhole located SW 1 Ave.

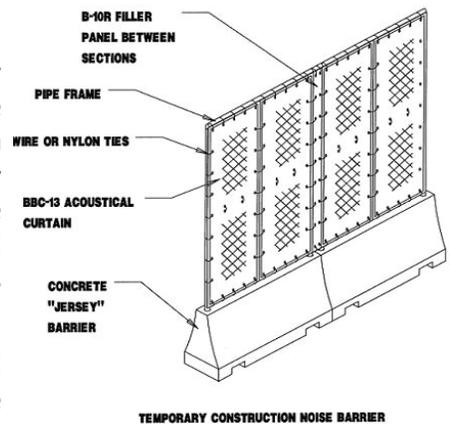
Phase 1-The bypass will begin suction in an east-west manner at MH #80. MH 80, 79, 78 will be bypassed and the bypass discharge will be in MH #68A.

Phase 2- The bypass will begin suction in an east-west manner at MH 68A. MH 68A, 68B, 68B will be bypassed and the bypass discharge will be in MH 68.

Phase 3- The bypass will begin suction in an east-west manner at MH 68. The discharge will turn south to north. MH 68 & 69, 69A will be bypassed and the bypass discharge will be in MH 70.

Phase 4- The bypass will begin suction in an east-west manner at MH 70. MH 70, 70A, 70B, 56 will be bypassed and the bypass discharge will be in MH 55. The incoming flows from MH 68 (dedicated silent bypass pumps) will also discharge to MH 69.

Phase 5- The bypass will begin suction in an east-west manner at MH 55. MH 55, 5,5B, 178 will be bypassed and the bypass discharge will be in MH 179.



TEMPORARY CONSTRUCTION NOISE BARRIER

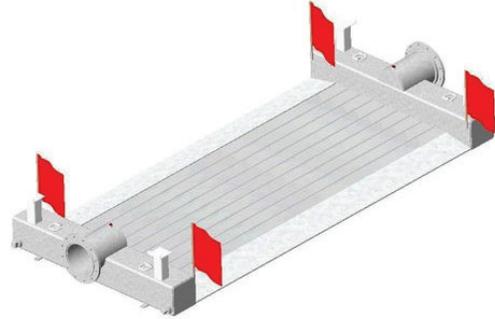
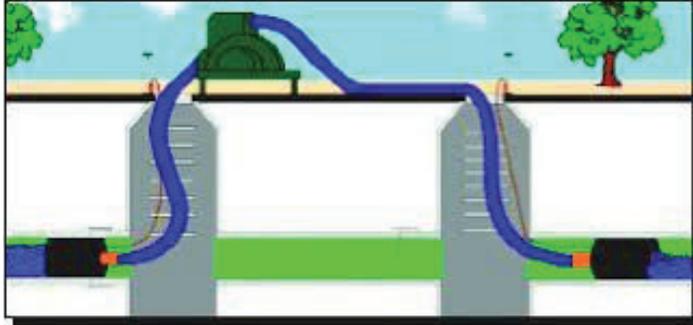


Project Methodology & Approach

Phase 6- The bypass will begin suction in east-west manner at MH 179. MH 179, 1,1E will be bypassed and the bypass discharge will be in the downstream manhole.

Any incoming lines or laterals will be accounted for with a flow thru pipe plug and a silent diesel bypass pump.

Were above ground temporary bypass flow lines that are required and traffic cannot be diverted, our team will propose flow through ramps.

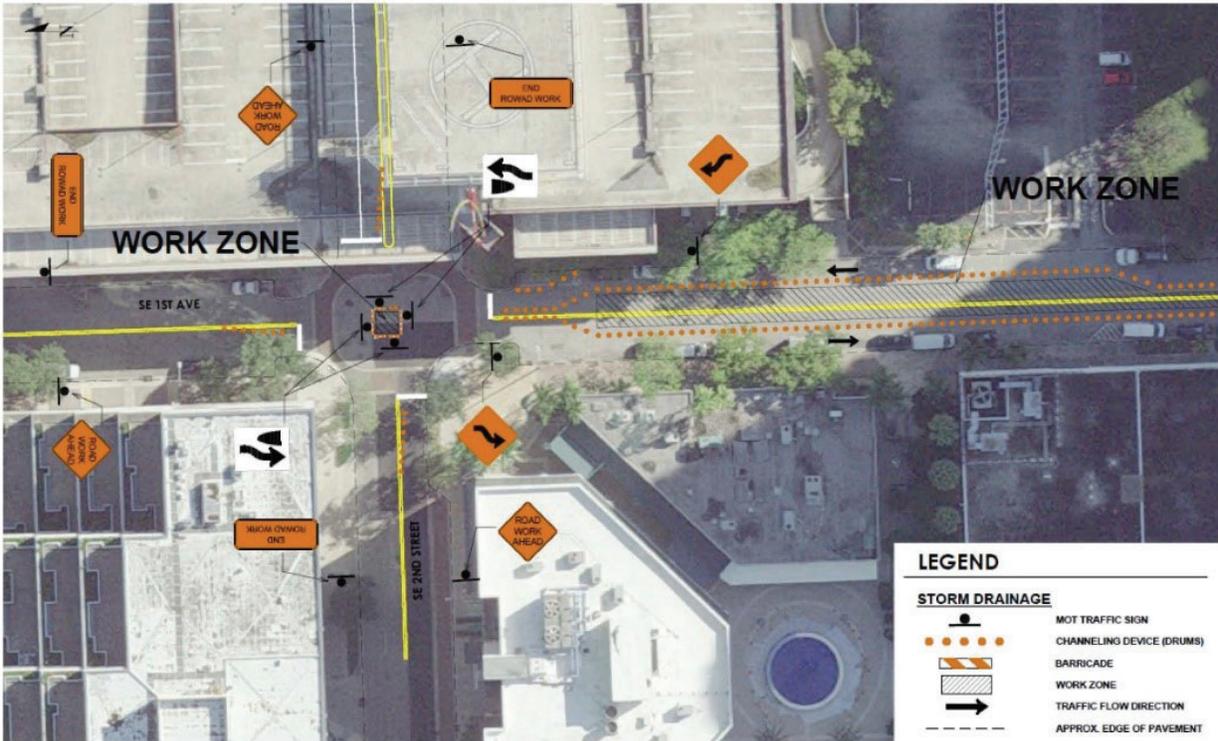


7. Traffic Study

The MPC Team has experience with design-built projects and MOT implementation for trenchless projects. Understanding that the project is in a high entertainment area with high volumes of vehicle and pedestrian traffic is key to develop a plan that is safe for the public. Any deviation of traffic will evaluate the impact on the overall streets and pedestrian walkways in the downtown area. Traffic impact analysis and MOT plans will be prepared and submitted to the City and regulatory agencies to makes sure of compliance with traffic and safety.

8. Maintenance of Traffic

The MPC Team has designed and implemented well executed maintenance of traffic operations throughout Broward County. Proposing a trenchless approach greatly reduces the overall impact compared to a traditional open-cut operation. The MPC team will be performing the infrastructure upgrade with no road closures throughout the project. Minimizing impacts to the traveling public equates to time and cost savings for the MPC Team, as well as increased community satisfaction. MPC carefully evaluated the pipe bursting setups throughout the design and select open-cut work when developing the MOT approach. For the pipe bursting work, our team will propose to use the on-street parking to maintain traffic flow. This will require a small section of middle lanes for temporary closure. This section of road is 40 linear feet wide and thorough traffic will be minimally affected. It is important to note that our team will maintain ingress or egress to the Downtown Area Communities. To ensure traffic control plans are followed and implemented correctly, all the MPC management and field personnel have been trained and received certifications for the applicable duties from advanced to intermediate MOT certificates.



Gravity Pipe Improvements to the Downtown Collection System
 EXHIBIT D
 MOT Plan



9. Dewatering

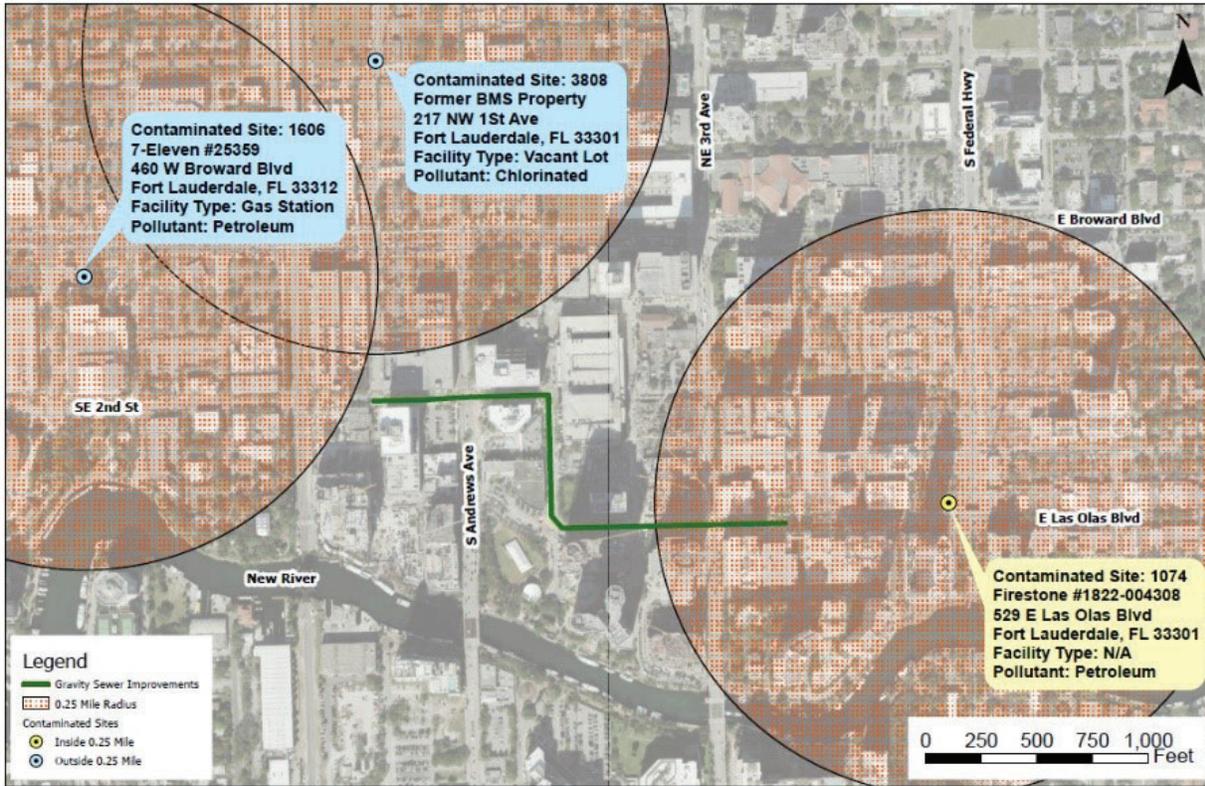
The MPC Team has developed a dewatering plan based on the geotechnical findings, knowledge of the local conditions and regulatory environment and best practices from past projects within the City of Fort Lauderdale. Dewatering permits will be applied for during the early stages of the project to comply with Broward County Environmental Protection and Growth Management Department and South Florida Water Management District requirements. A search of the Florida Department of Environmental Protection (FDEP) database has found three contaminated sites within the vicinity, with only one potentially affecting the project. We have provided in the exhibit below, the location of these contaminated sites. Most of the project is found outside any potential contamination, however, the segment east of NE 2nd Ave will require further investigation to determine whether remediation will be necessary.

Since the project will use Pipe Bursting as the primary pipe installation method, dewatering needs will minimize. Dewatering will be performed to lower the groundwater table, as necessary, to work inside manholes and at excavations. It is anticipated that some excavation will be performed at sewer lateral connections and pipe conflicts along the pipe bursting run. Further investigation will be performed by our team to determine the areas that will require open cut excavation.

A typical dewatering plan will include a dewatering pump, a dewatering hose, a sedimentation tank, and a discharge location to the City storm system. All dewatering effluent will be treated to meet regulatory requirements of turbidity. The following exhibit depicts the dewatering plan for a potential excavation in the project. Each potential excavation will be evaluated individually to determine the if any modification of this dewatering plan will be necessary.

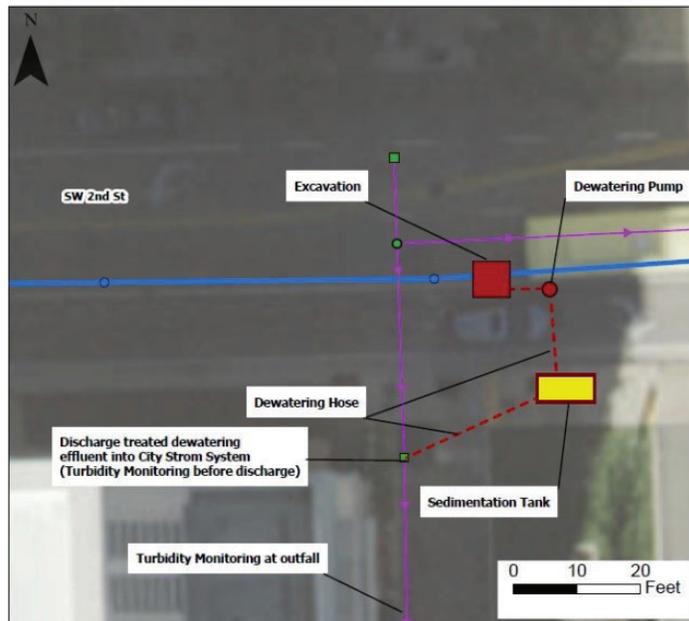
The Exhibit C shows our Storm Water Pollution Prevention plan identifying the storm drainage system, inlets to be protected, floating turbidity barriers at outfalls and sedimentation protection.

Project Methodology & Approach



Gravity Pipe Improvements to the Downtown Collection System

Exhibit B
Contaminated Sites



Blow-Up



Gravity Pipe Improvements to the Downtown Collection System

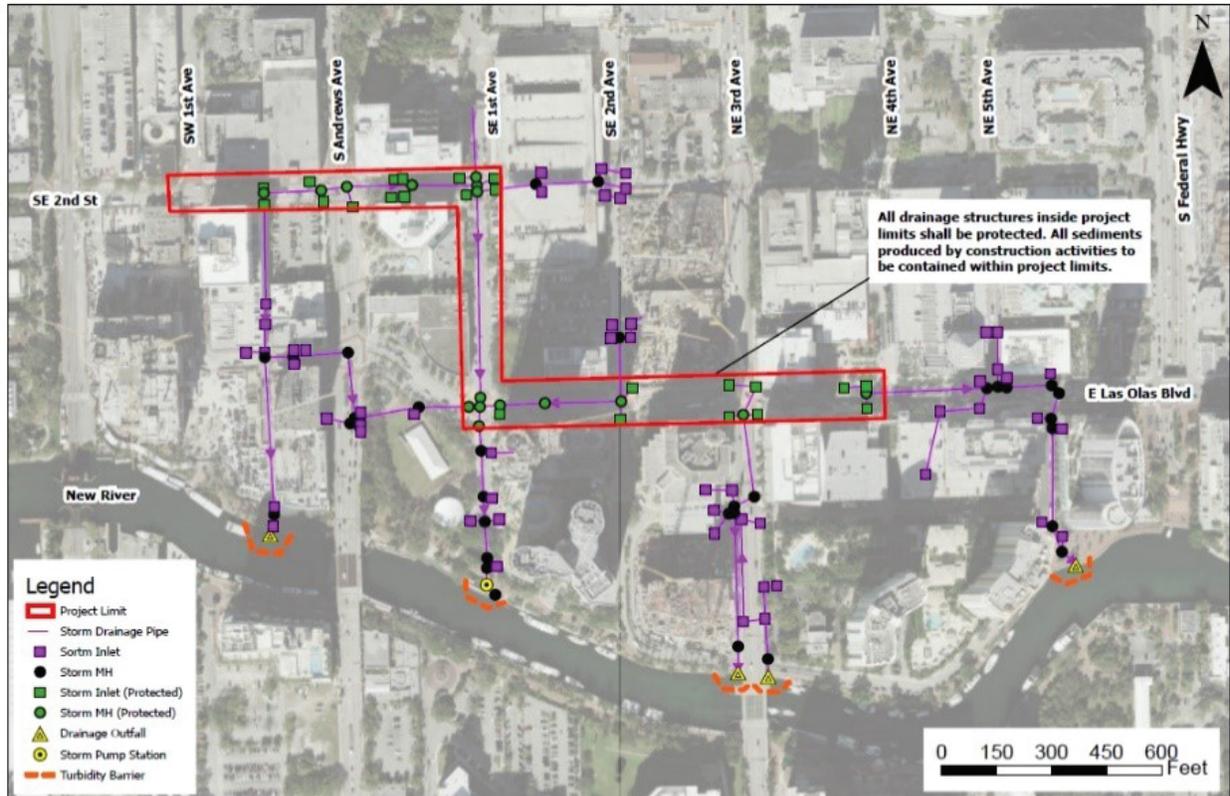
Exhibit D
Dewatering Plan



Project Methodology & Approach

10. Erosion and Sedimentation Control

Our team has reviewed the area and noted the outfalls that will be monitored during construction. For the success of the project and environmental protection, a sedimentation and erosion control (SEC) plan will be created prior to construction and adhered to on a daily basis. Typical SEC plan will identify the existing storm drainage system, inlets to be protected, sediment retaining curtains, and floating turbidity barriers at outfalls. SEC Inspection Reports and Turbidity Monitoring Logs will be maintained by our Design partner CMA so we can have an independent party perform these inspections. Once MPC has been identified of any potential deficiencies, they will be resolved immediately. If site conditions change, our proposed plan will be modified / adjusted. It is essential to maintain the environmental ecosystem of the area and to withhold our construction efforts from disturbing the environment. An example of inspection reports and Turbidity Monitoring Logs is presented below with a preliminary Sedimentation and Erosion Control plan.



Gravity Pipe Improvements to the Downtown Collection System
Exhibit C
SWPP Plan



Redundant Foreman North
Phase Number
Location

125th Redundant Sewer Foreman North
Phase 3 Lot and 3.2b - Open Cut
NE 18th Street and NE 20th Avenue

Outfall Location / Pump #	Date	Time	MORNING		AFTERNOON		Comments		
			NTU (Inside Curtain)	NTU (Outside Curtain)	Date	Time		NTU (Inside Curtain)	NTU (Outside Curtain)
Day 1 NE 18th Street and Just West of NE 20th Street [South Side]	9/7/2020	7:00 AM	11.2	12.1	9/7/2020	4:15 PM	12.1	12.1	Needed to re adjust turbidity due to resident comp sinks.
Day 2 NE 18th Street and Just West of NE 20th Street [South Side]	9/8/2020	7:05 AM	9.2	10.8	9/8/2020	4:20 PM	9.9	10.8	Resident released barrier on Tuesday evening after work had been completed.
Day 3 NE 18th Street and Just West of NE 20th Street [South Side]	9/9/2020	N/A	N/A	N/A	9/9/2020	1:15 PM	11.8	14.2	Fixed the turbidity barrier in morning since resident released it Tuesday evening including.
Day 4 NE 18th Street and Just West of NE 20th Street [South Side]	9/10/2020	7:00 AM	11.2	11.2	9/10/2020	3:20 PM	N/A	N/A	One day of pump to fix M/A Adapter.

Project Methodology & Approach

Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name: Ft. Lauderdale Emergency Force Main _____ FDEP NPDES Stormwater Identification Number: _____

Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Corrective Action / Other Remarks
Bayview Dr NE 28th st - NE 27th st	.5"	Turbidity Curtain	04/02/2020	Good	Cleaned, in good condition
Bayview Dr NE 30th st - NE 30th rd		Turbidity Curtain	05/04/2020	Good	Cleaned, in good condition
Bayview Dr NE 37th st - NE 37th rd		Turbidity Curtain	07/27/2020	Marginal	Fair, Needs to be cleaned.

Condition Code:

G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement
 C = Needs to be cleaned O = Other

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information:



Operations Manager

08/28/2020

Name

Qualification

Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are no any incidents of non-compliance identified above.

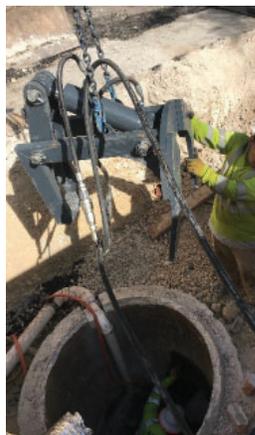
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Responsible Authority)

Date

11. Manhole improvements and impacts including sections of manholes which must be removed for pipe bursting operations.

Manhole modifications are anticipated through out the project. Once the pipe bursting operation is complete The MPC Team will reattach the undamaged precast lid and reline the manhole to maintain its useful life.



Data Gathering and Preliminary Investigations

This step of the project is an important part of the project. It requires detailed attention, experience, organization, and substantial coordination. This is the step of our project approach in which we learn everything about the project, where we learn the limitations, existing conditions and where we coordinate with most stakeholders.

Our team begins this project step by conducting an internal kick-off meeting with subconsultants. At the meeting, details of the project are shared with subconsultants, schedules are established, and key items are discussed. Typically, topographic surveys, environmental, site visits, surveys and assessments, and geotechnical engineering will be performed under this phase. However, prior to sending our team to the field, we make sure they have all available information such as as-builts and previous surveys for their use.

The following tasks are performed under this phase:

- a. Call for design tickets (811)
- b. Review as-builts, GIS and existing information (utilities)
- c. Perform survey, testholes, underground utility exploration and designations (GPR)
- d. Review environmental permits and address concerns
- e. Release Geotechnical Engineer as applicable
- f. Research and study right-of-way lines; research jurisdictions
- g. Review traffic reports and previous assessments. Begin MOT coordination
- h. Identify contaminated sites and or sensitive sites
- i. Contact permitting agencies, request previous permits for project area and adjacent areas as applicable. Review permits
- j. Meet with regulatory agencies as necessary and discuss project
- k. Meet with City staff, including maintenance and operation staff

It is imperative that design tickets (811 calls), coordination with utility providers, as-built review and site visits are thoroughly performed to understand the constraints and determine the best options for the design. Our team has in-house procedures and checklists to make sure we do not miss a step in the critical Data Gathering phase. We also keep a log for all utility coordination which we continue to update as information is made available to us. This Utility Tracking Log will be shared with City staff periodically during the course of the project. Below is an example of a tracking log which shows agencies contacted, utilities encountered, dates of latest information received and contact person.

In addition to obtaining existing information, it is important to understand the project jurisdictional agencies. For this project we propose contacting and or meeting with all agencies within 3 weeks from NTP. It is important we established early communication with permitting agencies and attend pre-application meetings. It is important to present the project to agencies early on to avoid any surprises. Meetings will be held with regulatory agencies and the scope of the project will be shared along with preliminary exhibits.

2. Design Approach

After meeting with the City, regulatory agencies and gathering field information, we will proceed with the design phase. During this phase, we will develop detailed plans, calculations, reports, assessments, complete studies, and incorporate technical specifications.

The following is a summary of the design approach and potential issues or challenges. We know from experience that the successful delivery of projects such as the Coral Shores Watermain replacement project boils down to implementing four fundamental steps:

Begin with a design approach that identifies the core project technical issues.

Identify constructability challenges and break down the project design components to the root challenges.

Focus on simplifying solutions and providing clean, constructible designs.

Follow through to assure coordination and communication with all project stakeholders.

3. Regulatory Agency Permitting

As previously indicated, our team will begin coordination with regulatory agencies within days of receiving an NTP. Coordination with regulatory agencies is performed during the entire Project duration. It begins prior to the kickoff meeting with our initial as-built investigation and existing permits research; and ends with the project close-out and final certifications. It is of the utmost importance that the regulatory agencies are approached and engaged from the beginning to avoid any surprises. We will attend pre-application meetings with all the regulatory agencies prior to initiating the design.

Our team has excellent relationships with the regulatory agencies that will be engaged under this contract. Our team has years of experience in dealing with the local agencies including utility providers, FDOT, SFWMD, EPGMD, BCTED, BCHCED and FDEP

Permits and/or coordination for this project will be required for:

- Gravity Sewer Improvements
- Dewatering during construction within contaminated areas
- Pavement markings and signage
- Municipal permitting

Our Team anticipates the following agencies that will be part of this project:

- Broward County Environmental Protection & Growth Management Department (EPGMD)
- Broward County Highway Construction and Engineering Division (BCHCED)
- Broward County Traffic Engineering Division (BCTED)
- South Florida Water Management District (SFWMD)
- Utility Providers

Quality Control and Assurance

Through design and engineering to the installation of infrastructure. Our team delivers an outstanding product by documenting all comments and providing a thorough list of what has been addressed. During installation, the MPC field team records daily activities from the installation crew to the CEI staff of Chen Moore working together to provide a quality product for the City of Fort Lauderdale.

MPC's QA/QC plan establishes the basic guidelines in which MPC will operate during construction for this project. MPC will provide the necessary supervision, inspection and testing of all items of work, including that of subcontractors and suppliers to ensure compliance with plans and specifications. This will be accomplished using MPC's Daily Construction Checklist which is performed twice a day by the Superintendent to confirm to compliance with project requirements such as active locate tickets, latest plans/specifications, approved shop drawings for work being performed, resident notified for work being performed today, survey laid out, NPDES compliance, daily project upkeep / maintenance, etc. This daily construction checklist is specifically designed on a per project basis to make sure that it meets the specific needs of that neighborhood and project.

Available Resources and Current Workload

Below is our chart with our current workload. We have 09 projects that are currently open; however, we have 4 projects that are currently under construction. We are anticipating construction commencing in January / February 2021. Based on that anticipated start date, 6 projects will either be closed or in the closeout phase. At this point, we anticipate having a few active projects by the time the Coral Shores Small Water Main project starts. We will have at least 3 pipe bursting crews available to perform this work.

No.	Project Name	Anticipated Completion Date	Percentage Complete	Status
1	City of Fort Lauderdale Victora park	Oct 2021	99%	Project Close Out
2	City of Fort Lauderdale North Redundant Sewer Force Main Project	Oct 2021	99%	Project Close Out
3	Tamarac 10 Inch Pipe Bursting	Sep 2021	99%	Project Close Out
4	Bal Harbour Phase 5C- Loop Water/Sewer	Nov 2021	50%	Construction Ongoing
5	Bal Harbour Phase 3C Sewer	Dec 2021	10%	Construction Ongoing
6	Coral Springs HDD	Oct 2021	56%	Construction Ongoing

Each available crew typically brings a backhoe, loader, skidsteer, fusing machine, pipe bursting rig and foreman truck with all of the necessary hand tools. MPC’s fleet allows us the ability to be self-sufficient on most of our projects. However, should the need arise, we have accounts with the major equipment rentals in order to complete any project.

6. References



6. REFERENCES

Client Information	Project/Scope	Dates of Construction	Description of work self-performed	Details of Project Value Engineering, Cost Savings, Innovative Solutions, Project Time Enhancement, Value Added Efforts, etc.	Constructon Cost / Estimated and Actual
<p>John Sloss The Weitz Company, LLC 1200 Centrepark Blvd Suite 700 West Palm Beach, FL 33401 john.sloss@weitz.com Phone (561) 718-9829 Fax (305) 858-6934</p>	<p>The Standard Vanera Street/ replacement of approximately 600 LF of gravity sewer</p>	<p>February 2021</p>	<p>design, permitting, and execution of the replacement of approximately 600 LF of gravity sewer</p>	<p>The project required upsizing the line directly into to the main pump station with the line remaining in service at all times. The MPC Team designed and implemented a bypass plan that exceeded expectations. The bypass allowed the team to upsize the existing system to a larger main while maintaining sewer service.</p>	<p>\$612,750</p>
<p>Ian van Wallegghem Agave Ponce, LLC 2601 South Bayshore Drive, #250 Miami, FL ianvw@agaveponce.com Phone (305) 951-5280 Fax (305) 858-1589</p>	<p>The Plaza at Coral Gables/ upgrade existing gravity sewer utilities</p>	<p>March 2018</p>	<p>design, permitting, and execution of the pipe bursting 738 LF of 12”, 976 LF of 15”, and 66 LF of 18” gravity sewer line</p>	<p>The pipe bursting had size increase in excess of two pipe sizes. A key success of the project included the design and implementation of a bypass system that maintained existing flow while MPC upgraded the existing line via pipe bursting. This project was programmed as trenchless due to the minimal impact it had on the surrounding business, condos and community compared to traditional opencut.</p>	<p>\$1,418,446</p>
<p>Philip Parenteau Astor Companies Almeria Ave A Coral Gables, FL 33134 philip@astorcompanies.com (786) 623-2808 N/A</p>	<p>Merrick Manor Sanitary Sewer Ph II/ upsizing of the existing sanitary sewer system</p>	<p>January 2019</p>	<p>design, permitting and construction administration for the replacement and upsizing of 2,865 LF of gravity sewer via pipe bursting. Lines were upsized to 8, 10 and 15 inches in diameter.</p>	<p>The team worked with several developers who needed an upsizing of the existing sanitary sewer system to accommodate their upcoming developments in Merrick Manor. The scope included civil engineering services for the design, permitting and construction administration effort for the replacement and upsizing of just under +/- 1,265 LF of existing gravity sewer.</p>	<p>\$898,800</p>

7. Price Proposal Form



7. PRICE PROPOSAL FORM



CITY OF FORT LAUDERDALE

PRICE PROPOSAL FORM

PROJECT NO. 12414

GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM

BASE BID (PIPE BURSTING)

1. Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	\$ 300,000.00
2. Project Record Documents	\$ 25,000.00
3. Maintenance of Traffic (MOT)	\$ 85,000.00
4. Pipe Burst Gravity Main 12-inch to 15-inch	\$ 456,500.00
5. Pipe Burst Gravity Main 14-inch to 21-inch	\$ 463,400.00
6. Pipe Burst Gravity Main 15-inch to 18-inch	\$ 299,750.00
7. Remove and Replace Sanitary Sewer Laterals with Cleanouts	\$ 211,000.00
8. Manhole Stabilization	\$ 35,000.00
9. Manhole Rehabilitation	\$ 130,000.00
10. Utility Conflict Structure at Sta. 7 + 85.0	\$ 19,750.00
11. Utility Conflict Structure at Sta. 9 + 25.0	\$ 19,750.00
12. Utility Conflict Structure at Sta. 9 + 66.4	\$ 19,750.00
13. Utility Conflict Structure at Sta. 9 + 85.0	\$ 19,750.00
14. Utility Conflict Structure at Sta. 14 + 77.0	\$ 19,750.00
15. Utility Conflict Structure at Sta. 18 + 22.6	\$ 19,750.00
16. Milling and Resurfacing of minimum of 1" of asphalt pavement within ROW limits including temporary and permanent (Thermoplastic) striping, RPMs, decorative asphalt paint, etc.	\$ 156,000.00

17.	Full Roadway Reconstruction	\$ 105,000.00
18.	Bypass Pumping	\$ 100,000.00
19.	Pre and Post CCTV for the Gravity Sewer	\$ 45,000.00
20.	Permitting Allowance	\$ 50,000.00
21.	Utility Relocation Allowance	\$ 200,000.00
22.	Design Development	\$ 210,000.00
23.	Construction Administration	\$ 110,000.00

TOTAL BASE BID (PIPE BURSTING) – Design, Construction, and Permit Allowance Costs (proposed “Contract Price”). Also enter this figure in BidSync, Item Response Form, to indicate your total price.

Three Million One Hundred Thousand One Hundred Fifty Dollars and Zero Cents.

(IN WORDS)

\$ 3,100,150.00

(FIGURES)

ALTERNATE (OPEN CUT)

A.1	Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	\$ 330,000.00
A.2	Project Record Documents	\$ 30,000.00
A.3	Maintenance of Traffic (MOT)	\$ 135,000.00
A.4	Furnish and Install 15” SDR 26 PVC Sanitary Sewer Main	\$ 538,670.00
A.5	Furnish and Install 21” SDR 26 PVC Sanitary Sewer Main	\$ 546,812.00
A.6	Furnish and Install 18” SDR 26 PVC Sanitary Sewer Main	\$ 353,705.00
A.7	Remove Existing 12” Sanitary Sewer Main	\$ 57,062.50
A.8	Remove Existing 14” Sanitary Sewer Main	\$ 57,925.00

A.9	Remove Existing 15” Sanitary Sewer Main	\$ <u>57,925.00</u>
A.10	Remove and Replace Sanitary Sewer Laterals with Cleanouts	\$ <u>211,000.00</u>
A.11	Manhole Stabilization	\$ <u>35,000.00</u>
A.12	Manhole Rehabilitation	\$ <u>130,000.00</u>
A.13	Utility Conflict Structure at Sta. 7 + 85.0	\$ <u>19,750.00</u>
A.14	Utility Conflict Structure at Sta. 9 + 25.0	\$ <u>19,750.00</u>
A.15	Utility Conflict Structure at Sta. 9 + 66.4	\$ <u>19,750.00</u>
A.16	Utility Conflict Structure at Sta. 9 + 85.0	\$ <u>19,750.00</u>
A.17	Utility Conflict Structure at Sta. 14 + 77.0	\$ <u>19,750.00</u>
A.18	Utility Conflict Structure at Sta. 18 + 22.6	\$ <u>19,750.00</u>
A.19	Full Roadway Reconstruction	\$ <u>245,000.00</u>
A.20	Removal and Replacement of Concrete Curb, Gutter and/or Sidewalk	\$ <u>42,000.00</u>
A.21	Remove and Replace Brick Paver, Stamped Concrete, and Specialty Driveway	\$ <u>78,000.00</u>
A.22	Bypass Pumping	\$ <u>100,000.00</u>
A.23	Pre and Post CCTV for the Gravity Sewer	\$ <u>45,000.00</u>
A.24	Permitting Allowance	\$ <u>100,000.00</u>
A.25	Utility Relocation Allowance	\$ <u>200,000.00</u>
A.26	Design Development	\$ <u>270,000.00</u>
A.27	Construction Administration	\$ <u>140,000.00</u>

TOTAL ALTERNATE (OPEN CUT) – Design, Construction, and Permit Allowance Costs (proposed “Contract Price”). Also enter this figure in BidSync, Item Response Form, to indicate your total price.

Three Million, Eight Hundred Twenty One Thousand, Five Hundred and Ninety Nine Dollars and Fifty Cents
(IN WORDS)

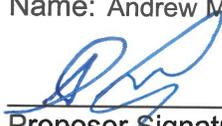
\$ 3,821,599.50
(FIGURES)

1. The prices listed in the Price Proposal Form shall include the total cost to complete the Work including but not limited to materials, labor, equipment, profit, bonds, insurances, etc., as necessary to ensure proper execution of the design-build services and product requested by the City of Fort Lauderdale. Any pricing, quantities, costs or services that are not listed above, and are known to be required, must be added by the Proposer and listed on a separate sheet and included in the total.

2. I hereby certify that I am authorized to act on behalf of the firm, individual, partnership, corporation or association making this proposal and that all statements made in this document are true and correct to the best of my knowledge. I agree to hold this proposal open for a period of two hundred and seventy (270) days from the deadline for receipt of proposals.

3. I understand and agree to be bound by the conditions contained in the Request for Proposal and shall conform with all requirements of the Request for Proposal.

Murphy Pipeline Contractors, LLC.

Name: Andrew Mayer (Please Print)		
	President	10/7/21
Proposer Signature	Title:	Date:

8. Contract Forms



8. FORMS

10/8/21, 7:45 AM

DPX Form

Supplier Response Form

CONSTRUCTION BID 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) *

Address: *

City: * State: * Zip: *

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

Check box if your firm qualifies for MBE / SBE / WBE:

If a corporation, state the name of the President, Secretary and Resident Agent. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.

<input type="text" value="Taylor Lewis Morris"/>	<input type="text" value="Secretary"/>	<input type="text" value="Andrew Mayer"/>	<input type="text" value="President"/>
Name	Title	Name	Title
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Name	Title	Name	Title

ADDENDUM ACKNOWLEDGEMENT - Bidder 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>
<input type="text" value="1"/> *	<input type="text" value="06/01/2021"/>	<input type="text" value="3"/>	<input type="text" value="09/20/2021"/>	<input type="text" value="5"/>	<input type="text" value="10/7/21"/>
<input type="text" value="2"/>	<input type="text" value="09/13/2021"/>	<input type="text" value="4"/>	<input type="text" value="9/30/21"/>	<input type="text"/>	<input type="text"/>

VARIANCES: If you take exception or have variances to any term, condition, specification, or requirement in this bid you must specify such variance in the space provided below or reference in the space provided below all variances contained on other pages within your bid. Additional pages may be attached if necessary. No variances will be deemed to be part of the bid 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 affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall the City's liability for bidder'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:

<input type="text" value="Taylor Morris"/> *	<input type="text" value="Taylor Morris"/> *
Name (printed)	Signature
<input type="text" value="10/7/21"/> *	<input type="text" value="Secretary"/> *
Date	Title

10/8/21, 7:45 AM

DPX Form

Revised 4/28/2020

<https://www.bidsync.com/DPXViewer>

2/3

10/8/21, 7:45 AM

DPX Form

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- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **whitedove1233**

Password *

* Required fields

<https://www.bidsync.com/DPXViewer>

3/3

9/28/21, 3:14 PM

DPX Form

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>
Murphy Pipeline Contractors, LLC.	None

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.

Taylor Morris Authorized Signature	Secretary Title
Taylor Morris Name (Printed)	9/28/21 Date

9/28/21, 3:14 PM

DPX Form

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Username **whitedove1233**

Password *

* Required fields

9/28/21, 3:14 PM

DPX Form

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

Murphy Pipeline Contractors, LLC *
Company Name

Taylor Morris *
Name (Printed)

Taylor Morris *
Signature

9/28/21 *
Date

Secretary *
Title

https://www.bidsync.com/DPXViewer/Contract_Payment_Method.P-Card_Form_06-27-19_7910644.htm?ac=supresponse&auc=2072282&docid=791... 1/2

9/28/21, 3:14 PM

DPX Form

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https://www.bidsync.com/DPXViewer/Contract_Payment_Method.P-Card_Form_06-27-19_7910644.htm?ac=supresponse&auc=2072282&docid=791... 2/2

Certificate of Insurance

Please see Section 2 and page 2-9 for our certificate of insurance.

9/28/21, 3:14 PM

DPX Form

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.

Taylor Morris
Authorized Signature

*

Taylor Morris, Secretary
Print Name and Title

*

9/28/21
Date

*

9/28/21, 3:14 PM

DPX Form

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Password *

* Required fields

9/28/21, 3:13 PM

DPX Form

Supplier Response Form

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. Trench Boxes *	LF *	400. *	\$ 5.00 *	\$ 2,000.0 *
B.			\$	\$
C.			\$	\$
D.			\$	\$

Total: \$ 2,000.00 *

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE: 9/28/21

Taylor Morris
(SIGNATURE)

STATE OF: Florida

COUNTY OF: Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Taylor Morris
(Name of Individual Signing)

Taylor Morris who, after first being duly sworn by me,
 Taylor Morris affixed his/her signature in the space provided above on this 28 day of
 September, 20 21.

Susan Pitts
NOTARY PUBLIC

My Commission Expires: 04/07/2025

9/28/21, 3:13 PM

DPX Form

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Password *

* Required fields

9/28/21, 3:15 PM

DPX Form

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 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' residence 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 preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: <https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

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. The term "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.
- 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 a 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. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.
- 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 A, Class B, or Class C 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.

https://www.bidsync.com/DPXViewer/Disadvantaged_Business_Enterprise_Preference_Certification.04-01-2021_8946123.htm?ac=supresponse&auc... 1/3

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price 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) (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. The term "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.
- (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 a 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. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.
- (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 A, Class B, or Class C 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) Murphy Pipeline Contractors, LLC. (Business Name) is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

BIDDER'S COMPANY: Murphy Pipeline Contractors, LLC

AUTHORIZED COMPANY PERSON:	<input type="text"/> Taylor Morris	<input type="text"/> Taylor Morris	<input type="text"/> 09/28/2021
	PRINT NAME	SIGNATURE	DATE

Forms Non-ISO 03/17/2021

9/28/21, 3:15 PM

DPX Form

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Password *

* Required fields

https://www.bidsync.com/DPXViewer/Disadvantaged_Business_Enterprise_Preference_Certification.04-01-2021_8946123.htm?ac=supresponse&auc... 3/3

Acknowledgement of Addenda

Please refer to the bid Certification Form on page 8-1 of this section for acknowledgement of the four addenda to date.

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:
(Name, legal status and address)

Murphy Pipeline Contractors, LLC
12235 New Berlin Rd
Jacksonville, FL 32226

SURETY:
(Name, legal status and principal place of business)

Everest Reinsurance Company
P.O. Box 830
Liberty Corner, NJ 07938-0830
Mailing Address for Notices

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:
(Name, legal status and address)

City of Fort Lauderdale
100 N Andrews Ave
Fort Lauderdale, FL 33301

BOND AMOUNT: 5% Five Percent of Amount Bid

PROJECT:
(Name, location or address, and Project number, if any)

RFP No. 12476-115, Gravity Pipe Improvements to the downtown Collection System

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 6th day of October, 2020.



(Witness)

Murphy Pipeline Contractors, LLC
(Principal) _____ *(Seal)*

By: 

(Title)



(Witness)

Everest Reinsurance Company
(Surety) _____ *(Seal)*

By: 

(Title) Victoria P. Parkerson, Attorney-in-Fact



S-0054/AS 8/10



POWER OF ATTORNEY
EVEREST REINSURANCE COMPANY
DELAWARE

KNOW ALL PERSONS BY THESE PRESENTS: That Everest Reinsurance Company, a corporation of the State of Delaware ("Company") having its principal office located at 477 Martinsville Road, Liberty Corner, New Jersey 07938, do hereby nominate, constitute, and appoint:

Russell M. Canterbury, Jessica L. Piccirillo, Steven E. Susanin, Woodrow M. Baird, Diane Moraski, Victoria P. Parkerson, Adam Martin, Kathleen M. Flanagan, Richard A. Leveroni

its true and lawful Attorney(s)-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds and undertakings in the nature thereof, for the penal sum of no one of which is in any event to exceed UNLIMITED, reserving for itself the full power of substitution and revocation.

Such bonds and undertakings, when duly executed by the aforesaid Attorney(s)-in-fact shall be binding upon the Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Board of Directors of Company ("Board") on the 28th day of July 2016:

RESOLVED, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby appointed by the Board as authorized to make, execute, seal and deliver for and on behalf of the Company, any and all bonds, undertakings, contracts or obligations in surety or co-surety with others and that the Secretary or any Assistant Secretary of the Company be and that each of them hereby is authorized to attest to the execution of any such bonds, undertakings, contracts or obligations in surety or co-surety and attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute, on behalf of the Company, bonds and undertakings in surety or co-surety with others, and that the Secretary or any Assistant Secretary of the Company be, and that each of them is hereby authorized to attest the execution of any such power of attorney, and to attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the signature of such officers named in the preceding resolutions and the corporate seal of the Company may be affixed to such powers of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking, contract or obligation in surety or co-surety with others to which it is attached.

IN WITNESS WHEREOF, Everest Reinsurance Company has caused their corporate seals to be affixed hereto, and these presents to be signed by their duly authorized officers this 28th day of July 2016.



Nichase

Attest: Nicole Chase, Assistant Secretary

Everest Reinsurance Company

A. Romano

By: Anthony Romano, Vice President

On this 28th day of July 2016, before me personally came Anthony Romano, known to me, who, being duly sworn, did execute the above instrument; that he knows the seal of said Company; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto; and that he executed said instrument by like order.

LINDA ROBINS
Notary Public, State of New York
No 01R06239736
Qualified in Queens County
Term Expires April 25, 2023

Linda Robins

Linda Robins, Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the Liberty Corner, this 6th day of October 2021.

ES 00 01 04 16

8/31/2021

Surety 2000 Bid Bond Manager

**Bond Number: SFL21376179****Contractor Information****Principal:** Murphy Pipeline Contractors, LLC**Address:** 12235 New Berlin Rd Jacksonville Florida 32226 United States**Owner/Obligee Information****Bond Form:** Bid Bond in accordance with Contract Specifications**Owner/Obligee:** City of Fort Lauderdale**Address:** 100 North Andrews Ave Fort Lauderdale Florida 33301 United States**Bond Information****Surety:** Everest Reinsurance Company**Bid Date:** 9/7/2021**Estimated Contract Price:****Time For Completion:****Liquidated Damages:****Estimated Work On Hand:****Amount of Bid Security:** Five Percent of Amount Bid**Contract # or IFB #:** 12476-115**Description of Job:** Gravity Pipe Improvements to the downtown Collection System**Job Breakdown:****Electronic Bidding Information****Bid Security Percentage:** 5**Bid Security Maximum:****Owner Assigned Contractor Number:**3736716860**Primary Agency:**

Alliant Insurance Services, Inc.

Power of Attorney Limited to: Unlimited

Executed**Entered By:** Victoria P. Parkerson - 8/31/2021 9:37:19 AM ET**Approved & Executed By:***Victoria P. Parkerson*

Victoria P. Parkerson (Signed: 31-Aug-2021 09:37 AM EDT (UTC-04:00))

[Signature Information](#)

Know all men by these presents that Everest Reinsurance Company, a Corporation duly organized under the laws of the State of Delaware, are held and firmly bound unto the above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 1/2

8/31/2021

Surety 2000 Bid Bond Manager



Document ID: [S2000-1001116210](#)

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 2/2

9/28/21, 3:17 PM

DPX Form

Supplier Response Form

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm:	MURPHY PIPELINE CONTRACTORS, INC	*
Address of Firm:	5400 S. University Drive, Suite 301, Dav	*
Telephone Number:	954-254/7898	*
Name of Person Completing Form:	Taylor Lewis Morris	*
Title:	Secretary	*
Signature:	Taylor Morris	*
Date:	9/28/21	*
City Project Number:	12476-115	*
City Project Description:	Bid #12476-115 - Design Build - Gravity	*

Please check the item(s) which properly identify the status of your firm:

- Our firm is not a MBE or WBE.
- Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
 - American Indian Asian Black Hispanic
- Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
 - American Indian Asian Black Hispanic

MBE/WBE CONTRACTOR INFORMATION

https://www.bidsync.com/DPXViewer/CITB_Prime_Contractor_Identification27_Jun_2014.htm?ac=supresponse&auc=2072282&docid=7507056

1/3

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

- List Previous City of Fort Lauderdale Contracts

Project No. P12319, P10850, P11901, P12391, P12390, P12566, P12180,

*

- Number of Employees in your firm 85 *
- Percent (3.4 * %) Women
- Percent (65 * %) Minorities
- Job Classifications of Women and Minorities

Managers, Administrative, Operators, Laborers

*

- Use of minority and/or women subcontractors on past projects.

We have used minorities and / or women owned subcontractors on the majority of our projects such as our paver and concrete subcontractor, paving

*

- Nature of the work subcontracted to minority and/or women-owned firms.

Asphalt
Trucking
DOT Base Materials
Concrete

*

- How are subcontractors notified of available opportunities with your firm?

Emails, phone calls, sometimes advertisements.

*

- Anticipated amount to be subcontracted on this project.

To be determined.

*

9/28/21, 3:17 PM

DPX Form

Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.

This is an unknown at this time since schedule will dictate anticipated paving, trucking, concrete and landscape subcontractors. However, several *

Please enter your password below and click Save to update your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **whitedove1233**

Password *

* Required fields



Corporate Office

12235 New Berlin Road
Jacksonville FL 32226
+1 (904) 764-6887

Regional Offices

South Florida Office

5400 S. University Drive, Suite #101
Davie, Florida, 33328
Telephone: +1 (954) 842-4771
Mobile : +1 (305) 776-8181

Feasibility Support Office

P.O. Box 14366 Milwaukee WI 53214
Telephone: +1 (414) 321-2247
Mobile: +1 (414) 687-2145



Corporate Office

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

Regional Offices

Miami

2103 Coral Way, Suite 401
Miami, FL 33145
Telephone: +1 (786) 497-1500

West Palm Beach

500 Australian Ave. South, Suite 850
West Palm Beach, FL 33401
Telephone: +1 (561) 746-6900

Orlando (Maitland)

341 North Maitland Ave., Suite 346
Maitland, FL 32751
Telephone: +1 (407) 536-7970

Jacksonville

3970 Hendricks Avenue
Jacksonville, FL 32207
Telephone: +1 (904) 398-8636

Project Offices

Gainesville

2233 Northwest 41st Street, Suite 400
Gainesville, FL 32606
Telephone: +1 (352) 374-1997

Tampa

401 East Jackson Street, Suite 2340
(SunTrust Financial Center)
Tampa, FL 33602
Telephone: +1 (813) 345-5965

Sarasota

2520 North Tamiami Trail, Suite 15
Nokomis, FL 34275
Telephone: +1 (941) 529-1907

Murphy Pipeline Contractors, Inc.

Item: **Alternate (Open Cut)**

Attachments

MPC Submittal.pdf

CITY OF FORT LAUDERDALE GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM 12476-115



CONTACT: RICHARD CROW

Project Manager
Telephone: +1 (954) 842-4771
Fax: +1 (904) 379-6193
Richardc@murphypipelines.com

Murphy Pipeline Contractors, Inc.
5400 S. University Drive, Suite 101
Davie, FL 33328

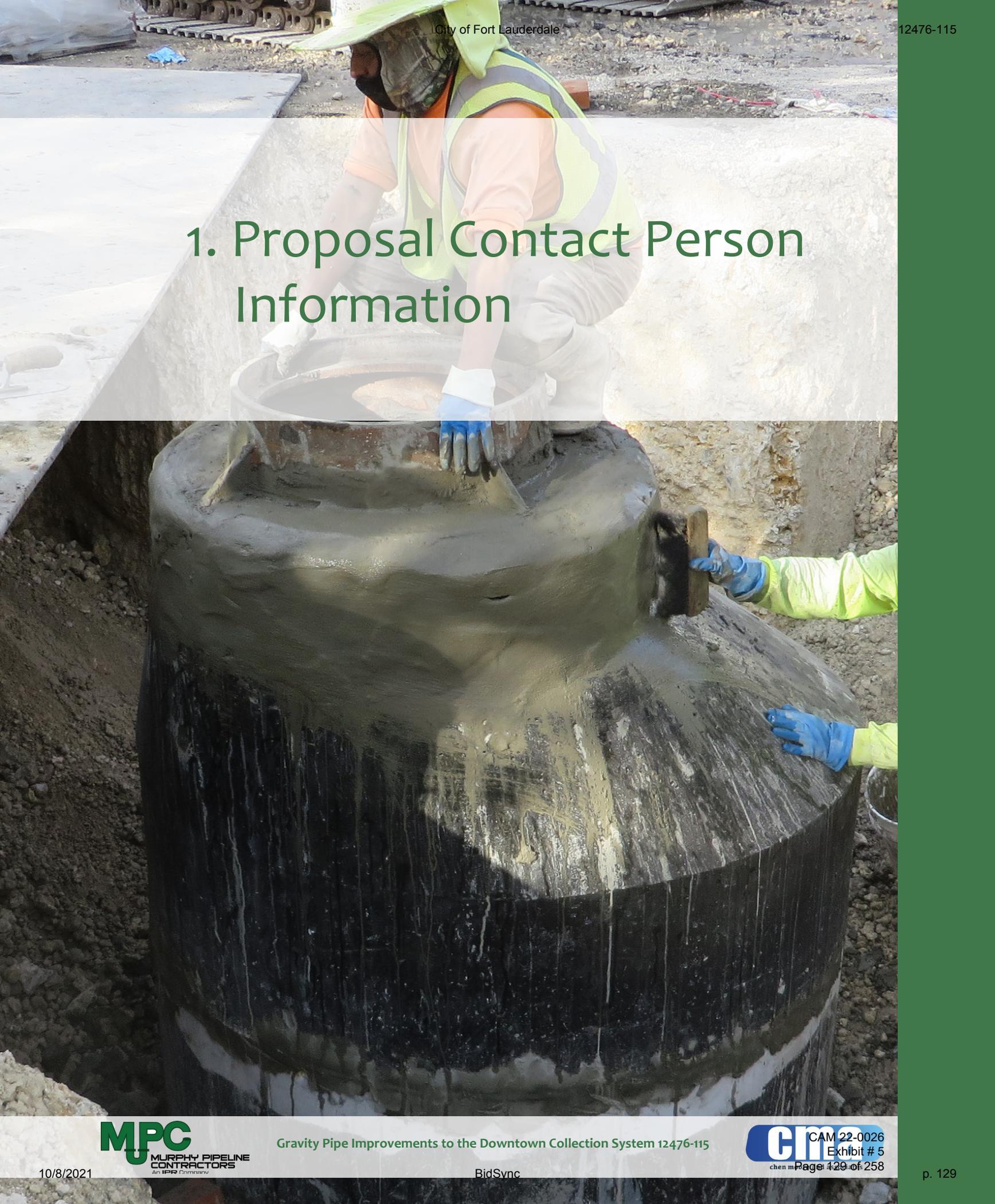


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1. Proposal Contact Person Information



1. PROPOSAL CONTACT PERSON INFORMATION

Legal Name of Proposer(s) **Murphy Pipeline Contractors, LLC**

Federal Employee Identification (FEIN) Number 59-3688714

Mailing Address, City, State, Zip 5400 S University Drive, Suite 101
Davie, FL 33328

Contact Person's Name Richard Crow

Title Director of Engineering and Special Projects

Email Address richardc@murphypipelines.com

Phone Number (954) 842-4771

Fax Number (904) 379-6193

Legal Name of Proposer(s) **Chen Moore and Associates, Inc.**

Federal Employee Identification (FEIN) Number 59-2739866

Mailing Address, City, State, Zip 1500 W Cypress creek Road, Suite 630
Fort Lauderdale, FL 33309

Contact Person's Name Daniel Davila, P.E.

Title Senior Engineer/Fort Lauderdale Branch Manager

Email Address ddavila@chenmoore.com

Phone Number (954) 730-07071

Fax Number (904) 730-2030

Proposal Contact Person Information





2. Qualifications of the Firm



2. QUALIFICATIONS OF THE FIRM



Corporate Headquarters

OFFICE: 904.764.6887 FAX: 904.379.6193

ADDRESS: 12235 New Berlin Rd, Jacksonville FL 32226

South Florida Office

OFFICE: 954-842-4771

ADDRESS: 5400 S. University Dr. Unit 101 Davie, FL 33328

murphypipelines.com swagelining.com

September 30, 2021

Fausto Vargas Sr. Procurement Specialist
City of Fort Lauderdale Procurement Services Division
100 North Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

Project: City of Fort Lauderdale Bid #12476-115, GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM CITY PROJECT NO. 12414

Dear. Mr. Vargas:

Murphy Pipeline Contractors, LLC. (MPC) together with its design partner Chen Moore & Associates, Inc. (CMA) are pleased to submit our response to RFP No. 12476-155 for the DESIGN-BUILD GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM.

We have assembled a highly qualified Design/Build Team that has an extensive amount of experience in Pipe Bursting, open-cut installation, community coordination, dewatering and MOT that not only exceeds the minimum requirements of this RFP but exceeds the needs of Fort Lauderdale and more importantly its citizens. The MPC Team has the widest array of trenchless utility construction technology experience available to meet the City's needs while still providing the least disruption to the residents and business owners along the project's path.

The MPC Team is comprised of many members who reside in the Fort Lauderdale area and frequent the local business establishments. We truly understand the unique and rich local flavor of the Las Olas area and are committed to preserving its distinctive aesthetic and Downtown way of life.

The MPC Team has worked together for over five years on several successful design-build projects with similar scopes of work. As a team, we have worked in a wide variety of projects including thousands of linear feet of traditional open cut, pipe bursting and horizontal directional drill under the most difficult schedule constraints for various municipalities. Furthermore, the MPC Team has worked on approximately 5 projects together for the City of Fort Lauderdale alone such as the Design/ Build Project for Installation of New Redundant Bypass Line Northside Force Main Project; Design/Build Project for Las Olas Phase II Force Main Replacement; Design/Build Project for Emergency 30" Force Main Replacement; and Las Olas Phase I Force Main Replacement. We understand the importance of this project and the various challenges that need to be addressed during the design, permitting and construction phases of the project.

MPC was established in Florida in 2000 as a trenchless utility contractor with the purpose of bringing the trenchless technologies of Europe to the United States. MPC is one of the leading trenchless installation contractors in the country that specializes in static pipe bursting and horizontal directional drilling for water main, sewer main and force main, ranging from 2" through 63".

Since 2015, MPC has completed over 133 miles of trenchless installation with 31 miles of trenchless installation for the City of Fort Lauderdale alone. Over the last five years, MPC has received numerous awards including:



1

- 2019 Trenchless Project of the Year Honorable Mention (Powell River, BC Canada Slip Lining Project)
- 2018 Trenchless Project of the Year Honorable Mention (Ft. Lauderdale Design Build using Compression Fit HDPE pipe lining and Directional Drill)
- 2017 PE Alliance Leadership Award (JEA, FL Swagelining Project)
- 2015 Trenchless Project of the Year (Arlington National Cemetery Water Pipe Bursting Project)

One of the primary ingredients for a successful project is a strong design partner. For this reason, we have, once again, teamed with Chen Moore and Associates (CMA). CMA trenchless technologies design and permitting experience includes dozens of directional drills, pipe bursting and compression fit projects. They have worked with public, semi-public and private clients to provide a wide range of water and sewer consulting engineering services including design and rehabilitation of pipeline and pump stations. Their experience includes over 100 miles of watermain, 60 miles of gravity sewer, 20 miles of force main, 200 pump stations, and multiple directional drills.

The MPC Team has the experience and exceptional understanding of the challenges unique to this endeavor that will enable a safe and effective execution of his project. Selecting the MPC Team will provide the City of Fort Lauderdale with a team that has unparalleled proven experience to successfully deliver this project for the City and its residents.

We would like to thank you for the opportunity to submit qualifications and once again look forward to working with the City of Fort Lauderdale. If you have any questions, feel free to contact us at any time.

Respectfully submitted,

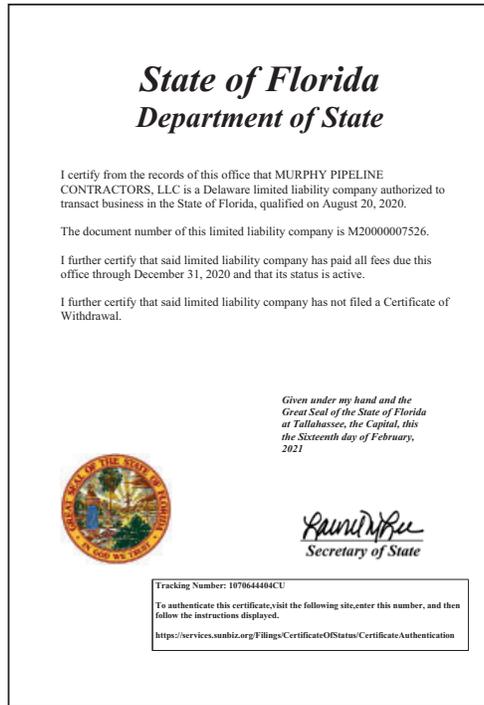


Murphy Pipeline Contractor
Richard Crow
Design/Build Manager



Business Structure

Murphy Pipeline Corporation, LLC.



State of FL Secretary of State Certificate of Corporation. Murphy Pipeline Corporation was established in 2000. Murphy Pipeline Corporation had a name changed from Inc to LLC on 2021.

Chen Moore and Associates

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, 2021, that its most recent annual report/uniform business report was filed on January 7, 2021, 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 Seventh day of January, 2021



Randi Rife
Secretary of State

Tracking Number: 7938948511CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

State of FL Secretary of State Certificate of Corporation

Qualifications of the Firm

Murphy Pipeline Corporation, LLC

ACORIS **CERTIFICATE OF LIABILITY INSURANCE** (DATE 03/31/2021)

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	CONTACT NAME	PHONE (A/C)	FAX (A/C)	
Alliant Insurance Services Houston, LLC 5444 Westheimer, Suite 900 Houston, TX 77056	Brett Sauer	882-707-1931 882-707-1931 Brett.Sauer@alliant.com	882-707-1932	
INSURER A	INSURER B	INSURER C	INSURER D	
Overseas Insurance Company	Various	JL Specialty Insurance Company		
INSURER(S) AFFORDING COVERAGE				
NAIC #				
3232				
INSURER E	INSURER F	INSURER G	INSURER H	
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.				
TYPE OF INSURANCE	POLICY NUMBER	POLICY EFF. DATE	POLICY EFF. PERIOD	LIMITS
COMMERCIAL GENERAL LIABILITY				
CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/>				
A	0007492308	04/01/2021	04/01/2022	EACH OCCURRENCE \$ 1,000,000 COVERED TO EXCEED PREMISES (EA occurrence) \$ 300,000 MED EXP/INFL/OP/ADG \$ 40,000 PERSONAL & ADJ INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS-COMP/OP/ADG \$ 2,000,000 OTHER: \$ \$
GEN'L AGGREGATE LIMIT APPLIES PER:				
POLICY <input checked="" type="checkbox"/> RET <input type="checkbox"/> LOC <input type="checkbox"/>				
OTHER:				
AUTOMOBILE LIABILITY				
ANY AUTO <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> OWNED <input type="checkbox"/> AUTO ONLY <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED <input type="checkbox"/> AUTO <input type="checkbox"/>	CAD74923108	04/01/2021	04/01/2022	COMBINED SINGLE LIMIT \$ 2,000,000 BODILY INJURY (Per person) \$ \$ BODILY INJURY (Per accident) \$ \$ PROPERTY DAMAGE \$ \$
B	Various	04/01/2021	04/01/2022	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 OTHER: \$ \$
UMBRELLA LIAB				
EXCESS <input checked="" type="checkbox"/> EXCESS/STANDARD <input type="checkbox"/>				
OTHER COMPENSATION				
EMPLOYEE COMPENSATION <input type="checkbox"/>				

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783
(850) 487-1395

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CUC1223787 ISSUED: 01/06/2021

CERT UNDERGROUND & EXCAV CNTR
MAYER, ANDREW JOHN
MURPHY PIPELINE CONTRACTORS, LLC

Signature
LICENSED UNDER CHAPTER 489, FLORIDA STATUTES
EXPIRATION DATE: AUGUST 31, 2022

Ron DeSantis, Governor Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER: CUC1223787 **EXPIRATION DATE: AUGUST 31, 2022**

THE UNDERGROUND UTILITY & EXCAVATION CO HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

MAYER, ANDREW JOHN
MURPHY PIPELINE CONTRACTORS, LLC
12235 NEW BERLIN ROAD
JACKSONVILLE FL 32226

ISSUED: 01/06/2021

Always verify licenses online at MyFloridaLicense.com
Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA: **MURPHY PIPELINE CONTRACTORS LLC** Receipt #: **189-272548** OTHER TYPE CONTRACTOR
Business Name: **MURPHY PIPELINE CONTRACTORS LLC** Business Type: **(UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR)**

Owner Name: **ANDREW JOHN MAYER/QUALIFER** Business Opened: **10/13/2015**

Business Location: **5400 S UNIVERSITY DR STE 301 DAVIE** State/County/Cert/Reg: **FL/CUC1223787**

Business Phone: **954-842-4771** Exemption Code:

Rooms: _____ Seats: _____ Employees: **12** Machines: _____ Professionals: _____

For Vending Business Only						
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
54.00	5.40	0.00	0.00	0.00	0.00	59.40

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: **MURPHY PIPELINE CONTRACTORS LLC
5400 S UNIVERSITY DR STE 301
DAVIE, FL 33328-5318**

Receipt # **1338-20-00003393** Paid 01/19/2021 5.40

2020 - 2021

Qualifications of the Firm



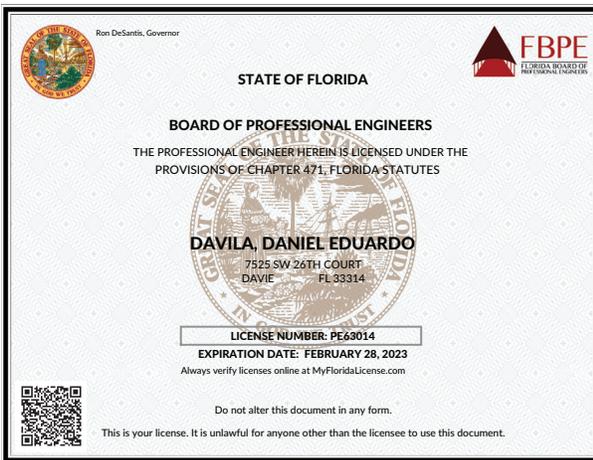
Gravity Pipe Improvements to the Downtown Collection System 12476-115



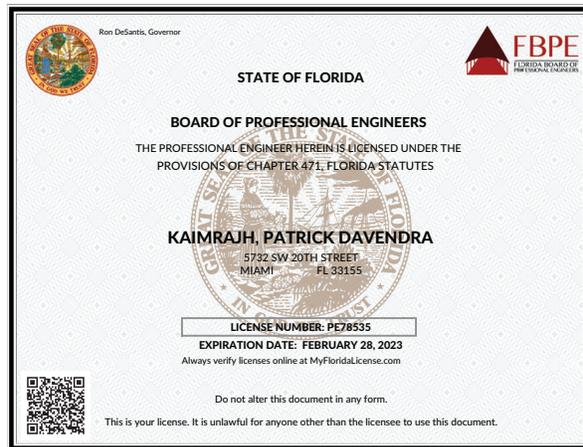
Chen Moore and Associates



State of FL Professional Engineers License



Daniel Davila, P.E.



Patrick Kaimrajh, P.E.



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

Peter Moore, President
 CHEN MOORE AND ASSOCIATES, INC.
 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
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- 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 Overtime	Reimburse Actual Expenses	Home Direct Expense
180.42%	0.181%	Reimbursed	No	2.52%

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

Safety. Mobility. Innovation
 www.fdot.gov

Safety. Mobility. Innovation
 www.fdot.gov

FDOT Unlimited Notice of Qualifications

Qualifications of the Firm

Business Tax Receipts



CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2020-2021

Business Tax Division
 100 N ANDREWS AVE | FORT LAUDERDALE, FL 33301 | (954) 828-5195

Business ID: BL-1200321 Business Name: CHEN,HSEUH HAI BEN
 Business Address: 500 NW 62 ST # 630

CHEN,HSEUH HAI BEN
 500 NW 62 ST # 630
 FORT LAUDERDALE FL 33309

TAX CATEGORIES
 408800 ENGINEER

Contact: CHEN,HSEUH HAI BEN

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email business@cityofftlauderdale.gov, and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.
- If you have sold your business, please email a copy of the Bill of Sale to business@cityofftlauderdale.gov, and include the Business ID #. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

100 N ANDREWS AVE, 1st FLOOR
 FORT LAUDERDALE, FL 33301
 TEL 954-828-5195
 WWW.FORTLAUDERDALE.GOV

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

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 State/County/Cert/Reg: 3266
 FT LAUDERDALE Exemption Code:
 Business Phone: 954-730-0707

Rooms Seats Employees Machines Professionals
 1

Tax Amount	For Vending Business Only				Collection Cost	Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years		
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 #MWN-19-00215549
 Paid 09/25/2020 30.00

2020 - 2021

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2020 THROUGH SEPTEMBER 30, 2021

DBA: CHEN MOORE & ASSOCIATES INC Receipt #: 315-650
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 Business Location: 500 W CYPRESS CREEK RD SUITE State/County/Cert/Reg: 3266
 FT LAUDERDALE Exemption Code:
 Business Phone: 954-730-0707

Rooms Seats Employees Machines Professionals
 1

Signature	For Vending Business Only				Collection Cost	Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years		
	0.00	0.00	0.00	0.00	0.00	30.00

Receipt #MWN-19-00215549
 Paid 09/25/2020 30.00

Qualifications of the Firm

Key Personnel

Murphy Pipeline Contractors, LLC 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 in Section 3.

Key Personnel	Role	Title	Name of Firm	Phone Number	Fax Number	Email
Richard Crow	Project Manager	Director of Engineering and Special Projects	Murphy	(954) 842-4771	(904) 764-6887	richardc@murphypipelines.com
Gustavo Rodriguez	Deputy Project Manager	Project Manager	Murphy	(954) 842-4771	(904) 764-6887	gustavor@murphypipelines.com
Lauren Romero	General Superintendent	Construction Manager	Murphy	(954) 842-4771	(904) 764-6887	laurenr@murphypipelines.com
David Marin	Project Quality Control Manager	General Superintendent	Murphy	(954) 842-4771	(904) 764-6887	davidm@murphypipelines.com
Ernie Brown	Scheduler/Project Controls Specialist	Scheduler/Project Control Specialist	Murphy	(954) 842-4771	(904) 764-6887	ernieb@murphypipelines.com
Ed Steel	Project Health & Safety Manager	Project Health & Safety Manager	Murphy	(954) 842-4771	(904) 764-6887	eds@murphypipelines.com
Daniel Davila, P.E.	Design Manager	Sr. Engineer/FTL Branch Manager	CMA	(954) 730-0707 x1085	(954) 730-2030	ddavila@chenmoore.com
Patrick Kaimrajh, P.E.	Design	Sr. Engineer	CMA	(954) 730-0707 x1087	(954) 730-2030	pkaimrajh@chenmoore.com
Lee Reumann, PLS	SUE Services	Regional Survey Manager	InfraMap Corp	(804) 550-2937	(804) 550-3296	lreumann@inframap.net
Andres Garcia	SUE Services	Sr. Utility Location Manager	InfraMap Corp	(804) 550-2937	(804) 550-3296	agarcia@inframap.net
James Stoner, PSM	Survey	President	Stoner and Associates, Inc.	(954) 585-0997	(954) 585-3927	jstoner@stonersurveyors.com

Qualifications of the Firm

Key Personnel	Role	Title	Name of Firm	Phone Number	Fax Number	Email
Mark Meyers	MOT Planning Services	Owner	MOT Plans	(954) 914-6770	(954) 759-9186	mark@motplans.com
Sattya Sukhu	MOT Planning Services	Co-Owner	MOT Plans	(954) 914-6770	(954) 759-9186	sattya@motplans.com
Cynthia McGrail	Public Involvement	Sr. Communications Specialist	Valerin	(954) 656-6616	(813) 925-4205	cynthia@valerin-group.com

Qualifications of the Firm



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/21/2020

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

COVERAGES CERTIFICATE NUMBER: 21-22 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	EPK133473	01/01/2021	01/01/2022	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	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	B1T2667W	01/01/2021	01/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							PIP-Basic \$ 10,000
							<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$
AGGREGATE \$ 5,000,000							
<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER							
E.L. EACH ACCIDENT \$							
E.L. DISEASE - EA EMPLOYEE \$							
E.L. DISEASE - POLICY LIMIT \$							
A	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input type="checkbox"/> If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		EPK133473	01/01/2021	01/01/2022	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)
 Re: RFQ #973-11900 - Landscape Architect Consultant Services Continuing Contract
 The City of Fort Lauderdale is included as additional insured under the terms and conditions of the attached forms on the General Liability and Automobile Liability policies 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.

CERTIFICATE HOLDER The City of Fort Lauderdale c/o Procurement Services Dept. 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
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ACORD 25 (2016/03)

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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)
Where Required By Written Contract.

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
Where Required By Written Contract.	Where Required By Written Contract.
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)
Where Required By Written Contract.

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)
Where Required By Written Contract.

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 InsuredsParagraph **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 InsuredsParagraph **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 AGREEMENTThe 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.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/7/2021

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 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:** 59590620 **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	WC020733749 (FL)	1/1/2021	1/1/2022	<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)

CERTIFICATE HOLDER 191083 City of Fort Lauderdale Procurement Services Division 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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59590620 | 21/22 WC (Florida Master Only) Ill National | Engage PEO | 1/7/2021 11:33:53 AM (EST) | Page 1 of 1
 This certificate cancels and supersedes ALL previously issued certificates.

8/31/2021

Surety 2000 Bid Bond Manager

**Bond Number: SFL21376179****Contractor Information****Principal:** Murphy Pipeline Contractors, LLC**Address:** 12235 New Berlin Rd Jacksonville Florida 32226 United States**Owner/Obligee Information****Bond Form:** Bid Bond in accordance with Contract Specifications**Owner/Obligee:** City of Fort Lauderdale**Address:** 100 North Andrews Ave Fort Lauderdale Florida 33301 United States**Bond Information****Surety:** Everest Reinsurance Company**Bid Date:** 9/7/2021**Estimated Contract Price:****Time For Completion:****Liquidated Damages:****Estimated Work On Hand:****Amount of Bid Security:** Five Percent of Amount Bid**Contract # or IFB #:** 12476-115**Description of Job:** Gravity Pipe Improvements to the downtown Collection System**Job Breakdown:****Electronic Bidding Information****Bid Security Percentage:** 5**Bid Security Maximum:****Owner Assigned Contractor Number:**3736716860**Primary Agency:**

Alliant Insurance Services, Inc.

Power of Attorney Limited to: Unlimited

Executed**Entered By:** Victoria P. Parkerson - 8/31/2021 9:37:19 AM ET**Approved & Executed By:***Victoria P. Parkerson*

Victoria P. Parkerson (Signed: 31-Aug-2021 09:37 AM EDT (UTC-04:00))

[Signature Information](#)

Know all men by these presents that Everest Reinsurance Company, a Corporation duly organized under the laws of the State of Delaware, are held and firmly bound unto the above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 1/2

8/31/2021

Surety 2000 Bid Bond Manager



Document ID: [S2000-1001116210](#)

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 2/2

Firms Past Experience ~ Gravity Sewer/Design Build

Sanitary Sewer Improvement Upgrade Coral Gables, Florida

Start/Completion Dates

2017/May 2017

Original Budget/Final Cost

\$883,083/\$883,083

Client

Astor Companies
Philip Parenteau
Almeria Ave A
Coral Gables, FL 33134
(786) 623-2808
philip@astorcompanies.com

Present Status of Project

Complete

The project consisted of the design, permitting and execution of manhole-to-manhole modular pipe installation of approximately 1,700 LF of existing gravity sewer in an affluent, commercial district in the City of Coral Gables in support of current and future urban development. Project was completed with minimal impact to local business. Design-Build with partners Chen Moore and Associates.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

The project's primary function was to deliver a trenchless upgrade of the existing gravity system to the City of Coral Gables. MPC along with our design partners, Chen Moore and Associates, developed a design plan that minimized the impact to the adjacent affluent business area. The design allowed for surrounding hotels and high-end shops to remain open and for minimal disturbance to pedestrian traffic. The modular, manhole to manhole, pipe bursting increased approximately 1,700 LF of existing gravity system more than two pipe sizes in support of current and future urban development. A highly successful project that delivered a budget substantially under a traditional open-cut replacement with no major impacts to traffic around the area.



Qualifications of the Firm

The Plaza at Coral Gables Coral Gables, Florida

Start/Completion Dates

2017/March 2018

Original Budget/Final Cost

\$1,418,446

Client

Agave Ponce, LLC
Ian van Wallegghem
2601 South Bayshore Drive, #250 Miami, FL
ianvw@agaveponce.com
Phone (305) 951-5280
Fax (305) 858-1589

Present Status of Project

Complete

The project consisted of the design, permitting, and execution of the pipe bursting 738 LF of 12", 976 LF of 15", and 66 LF of 18" gravity sewer line located on Malaga Avenue and Galiano Street to upgrade existing City of Coral Gables gravity sewer utilities to allow capacity for current and future private development. Design-Build with partners Chen Moore and Associates.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

The pipe bursting had size increase in excess of two pipe sizes. A key success of the project included the design and implementation of a bypass system that maintained existing flow while MPC upgraded the existing line via pipe bursting. This project was programmed as trenchless due to the minimal impact it had on the surrounding business, condos and community compared to traditional open cut.



Qualifications of the Firm

The Standard at Coral Gables Coral Gables, Florida

Start/Completion Dates

2020/February 2021

Original Budget/Final Cost

\$612,750

Client

The Weitz Company, LLC
John Sloss
1200 Centrepark Blvd Suite 700
West Palm Beach, FL 33401
john.sloss@weitz.com
Phone (561) 718-9829

Present Status of Project

Complete

The project consisted of the design, permitting, and execution of the replacement of approximately 600 LF of gravity sewer. Design-Build with partners Chen Moore and Associates.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

The project required upsizing the line directly into to the main pump station with the line remaining in service at all times. The MPC Team designed and implemented a bypass plan that exceeded expectations. The bypass allowed the team to upsize the existing system to a larger main while maintaining sewer service.



Qualifications of the Firm

**Firms Past Experience ~
Pipe Bursting/Sewer**

North Course Drive Gravity Sewer Main Replacement

Pompano Beach, FL

Start/Completion Dates

2019/July 2019

Original Budget/Final Cost

\$84,000

Client

City of Pompano Beach
Steve Almyda
100 W Atlantic Blvd.
Pompano Beach, FL 33060
Steve.almyda@copbfl.com
(954) 786-5510

Replacement of Pompano Beach’s existing 8” gravity main infrastructure with 8” DIPS DR 11; size on size pipe burst.

Principal elements and special features of the project.

Details of project value engineering; cost savings realized; innovative solutions; project time enhancement; value added efforts; etc.

Replacement of Pompano Beach’s approximately 100 LF of existing 8”gravity sewer main with 8” modular pipe; size on size pipe burst. This project entailed replacement of a failed pipe under a major road. The MPC team was approached by the City of Pompano Beach with the task of replacing the line without damaging the existing asphalt. A successful project with no damage to the roadway.

Opa-Locka Emergency 18-inch Project

Opa-Locka, FL

Start/Completion Dates

2018/June 2018

Original Budget/Final Cost

\$231,300

Client

Diamanti Construction
Mohammed Islam

524 North H Street
Lake Worth, FL 33460
dimanticonstructionfl@gmail.com
(561) 301-7191

The project consisted of the replacement of approx. 335 LF of 18” gravity line and (2) laterals via pipe bursting to repair collapsed line. The project was located at the corner of Dunad Avenue and Bahman in Opa-Locka.

TSTC Water & Sewer Improvements

Waco, TX

Start/Completion Dates

2018/2018

Original Budget/Final Cost

\$3,412,954

Client

Texas State Technical College
Clark Gauer, P.E.
3801 Campus Drive
Waco, TX 76705
(254) 714-1402

This project consisted of static pipe bursting 15,500 LF of existing 6”, 8”, 10” and upsizing to 8”, 10”, 12” at Texas State Technical College in Waco, Texas.

Castel Brewer Sewer Replacement

Authority, FL

Start/Completion Dates

2010

Original Budget/Final Cost

\$650,558

Client

Angel Tua
94 Castle Brewer Court
Sanford, FL 32771
(407) 323-3150

This project consisted of pipe bursting 4,800 LF of existing 6” and 8” clay sewer to the same size 6” and 8” HDPE at Sanford Housing in Authority, Florida.

Qualifications of the Firm



Wekiva Springs State Park Sewer Rehabilitation

Apopka, FL

Start/Completion Dates

2009/2009

Original Budget/Final Cost

\$35,000

Client

Florida Department of Environmental Protection-
Division of Parks
Joe Mecca Kimley-Horn
1800 Wekiwa Circle
Apopka, FL 32712
(904) 828-3900

This project consisted of 560 LF of static pipe bursting 8” clay pipe.

Ft. Wayne General Pipe Bursting

Fort Wayne, IN

Start/Completion Dates

2007/2007

Original Budget/Final Cost

\$224,500

Client

City of Fort Wayne, Indiana
Dan Smith
(260) 740-1582

This project consisted of pipe bursting 3,000LF of 8” clay sewer to 10” HDPE in Fort Wayne Indiana.

San Marco Sewer Replacement Jacksonville, FL

Start/Completion Dates

2006/2006

Original Budget/Final Cost

\$580,300

Client

Jacksonville Electric Authority, Florida
Gregory Perrine
1801 Art Museum Drive
Jacksonville, FL 32207
(904) 665-6000

Project consisted of 7,400 LF of pipe bursting 4”-8” clay sewer.

Pioneer Mobile Park Home Park Sewer Replacement

Bredenton, FL

Start/Completion Dates

2005/2005

Original Budget/Final Cost

\$180,000

Client

Pioneer Mobile Park Home
Steve Jones
1615 51st Avenue E
Bradenton, FL 34203
(407) 889-9755

Project consisted of 3,500 LF of pipe bursting with 60 laterals; 8” clay.

Qualifications of the Firm

Pipe Bursting

Merrick Manor Sanitary Sewer Ph I Coral Gables, Florida

Start/Completion Dates

2017/2017

Original Budget/Final Cost

\$96,610/\$96,610

Fee

\$24,900

Client

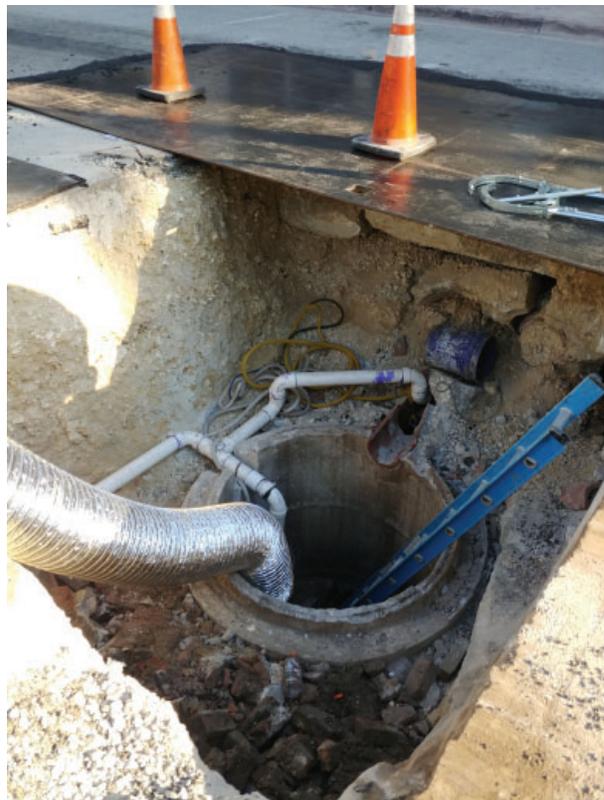
Murphy Pipeline Contractors Inc
Richard Crow
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771
richardc@murphypipelines.com

Present Status of Project

Complete

CMA provided preliminary civil engineering and related services for the Merrick Manor Sanitary Sewer project for Coral Gables. The project consisted of the design, permitting and construction administration effort for the replacement and upsizing of just under 1,600 LF of existing gravity sewer (8”/10” VCP per City of Coral Gables Asbuilts to 12”) in an existing commercial district in the City of Coral Gables in support of a development located on the corner of Altara Avenue and LeJeune Road by the Astor Companies.

CMA provided Land Surveying and Geotechnical Engineering, Subsurface Utility Engineering Services; Utility Coordination and Preliminary Design; Final Engineering; Government Permitting; and Construction Observation and Administration Assistance.



Qualifications of the Firm

Pipe Bursting

Merrick Manor Sanitary Sewer Ph II Coral Gables, Florida

Start/Completion Dates

2017/2019

Original Budget/Final Cost

\$889,300/\$898,800

Fee

\$71,260

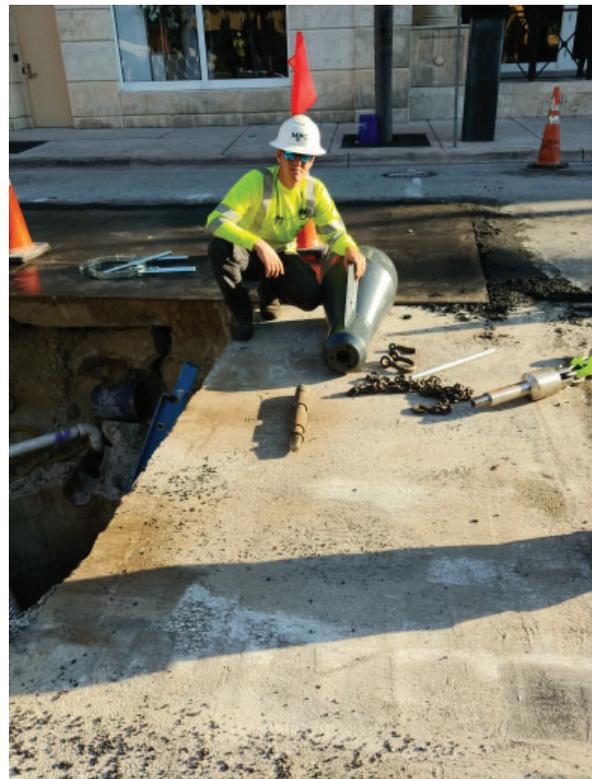
Client

Murphy Pipeline Contractors Inc
Richard Crow
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771
richardc@murphypipelines.com

Present Status of Project

Complete

CMA worked with Murphy Pipeline inside a popular commercial area in the City of Coral Gables in collaboration with several developers who needed an upsizing of the existing sanitary sewer system to accommodate their upcoming developments in the area called Merrick Manor. CMA provided civil engineering services for the design, permitting and construction administration effort for the replacement and upsizing of just under +/- 1,265 LF of existing gravity sewer. CMA also provided final engineering; government permitting; and construction observation and construction administration services.



Qualifications of the Firm

Broward County UAZ Projects

Broward County, FL

Start/Completion Dates

2016/ongoing

Original Budget/Final Cost

\$80 million/\$80 million

Fee

\$11,171,568.83

Client

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

Present Status of Project

Constructon Design



UAZ 307 / 315 - The Broward County UAZ 307 / 315 Utilities project included replacing existing water main and providing sanitary sewer for County Service Areas in the City of Dania Beach, near Griffin Road and Ravenswood Road. The main technical components included replacing a 12-inch water main on Ravenswood Road, replacing the residential water distribution system, providing sanitary sewer to connect existing septic tanks and rehabilitating and installation of new lift stations and force main. In order to achieve 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 and determine/update projected utility flow rates. A total of 20,000 linear feet of water main replacement, three lift stations and 14,000 linear feet of sanitary sewer, which serviced over 400 parcels, were designed for this project. Chen Moore and Associates also performed construction administration for this project.

UAZ 303, 314, 316 and 318 - The Broward County UAZ 303, 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. Chen Moore and Associates also performed construction administration for this project.

Qualifications of the Firm

UAZ 316 - The Broward County UAZ 316 project is part 2 of the estimated \$8.8 million project servicing Broward County utility zones in the City of Dania Beach which includes replacing existing water and providing sanitary sewer just east of State Road 7, and south of Griffin Road. The main technical components include 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, determine the projected flow rates, track questions from residents of the area and track responses from utility companies regarding their existing facilities. Design of these improvements began in 2009 and construction was completed in 2016. Chen Moore and Associates also performed construction administration for this project.



Broward County UAZ 110/111 & 113 Water Sewer Improvements 113A / Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B



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 168,100LF of water mains, 122,100 LF of sanitary sewer

mains and 23,600 LF force main. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, 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.

Qualifications of the Firm

Broadview Park Neighborhood Improvement Program Broward County, Florida

Start/Completion Dates

2000/2013

Original Budget/Final Cost

\$45 million/\$45 million

Fee

\$8.9 million

Client

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

Present Status of Project

Complete

The Broadview Park Neighborhood Improvement Program (BPNIP) was the last of the Neighborhood Infrastructure Improvements projects to be carried out by Broward County in the unincorporated areas. Chen Moore and Associates was selected as the prime consultant for the Basis of Design Report (BODR) and to design and administer the construction of improvements to subsequent bid packages. The three Bid Packages addressed water, sanitary sewer and drainage improvements, while introducing sidewalks and enhancing the community's roadway and landscape.

The basis of design report included population projections, an analysis of water source and sewage discharge points and a hydraulic model of the water, wastewater and stormwater systems.

The first bid package included the replacement of the entire water distribution system within the neighborhood, which was previously owned and maintained by a private utility. This project was designed utilizing digital orthography and aerial maps to fast track the replacement.

The second and third bid packages included conversion of the entire area from septic to gravity collection, the installation of a backbone forcemain network and connection into an inline booster station, installation of a positive drainage system, sidewalks, hardscape and landscape improvements.

An added fourth bid package was the design of a 20" water main to serve as the transmission source water for the area. Also change ordered into the project was the installation of a 20" raw water main for future use. The project was complicated by groundwater contamination, proximity to a wellfield, the existence of a fire station and elementary school in the neighborhood and the existence of rock in the area. All of the projects were completed on budget and on or ahead of schedule.



Qualifications of the Firm

Basin 0015 Water & Wastewater Services to Commercial Properties - Gren Tech Corrido - MDWASD - E15-WASD-03A - 17CMAI001 - TO 005 - Project No. 15149

Miami-Dade County, Florida

Start/Completion Dates

2018/2023

Original Budget/Final Cost

N/A

Fee

\$457,117.66

Client

Miami-Dade Water and Sewer Department (MDWASD)
David Marquez
3071 SW 38th Avenue, Douglas Building, 4th Floor
Miami, FL 33146
(786) 552-8837
David.Marquez@miamidade.gov

Present Status of Project

Design

CMA was tasked with providing civil engineering design, construction documents (plans, technical specifications and construction cost estimate), permitting, bid support and limited construction administration support services for a new gravity sewer system for an area known by the Miami-Dade Water and Sewer Department as Area S-5 in Miami-Dade County, FL. This area, a mixture of industrial/commercial and residential, currently on septic systems, which require a new sanitary sewer system in order to abandon the septic systems. Pursuant a M-D WASD provided BODR, CMA is designing the proposed improvements for this area. The proposed gravity sewer is proposed along NW 60th Street, from NW 37th Avenue to NW 32nd Court, and along NW 32nd Court, from approximately NW 56th Street to NW 62nd Street, in the unincorporated neighborhood of Brownsville in Miami-Dade County, FL. Pursuant to the Area S-5 BODR provided by M-D WASD, the proposed improvements include a new 10" and 8" gravity sewer main with 6" laterals to serve the properties along these roadways.

Qualifications of the Firm

MDWASD - Area S-4 Wastewater System and Potable Water System Improvement

Miami-Dade County, Florida

Start/Completion Dates

2019/2023

Original Budget/Final Cost

N/A

Fee

\$379,147.83

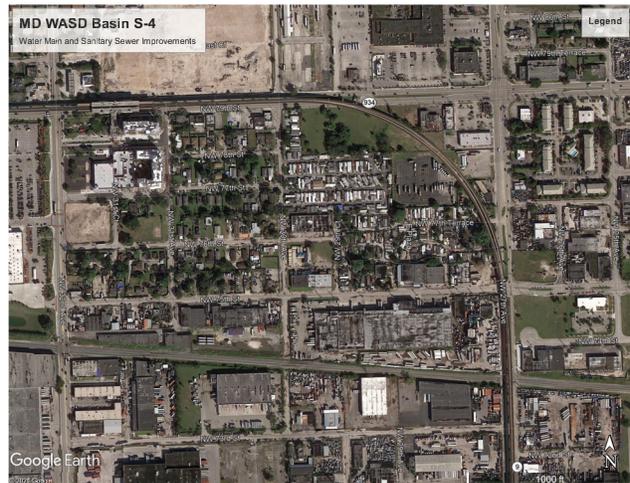
Client

Miami-Dade Water and Sewer Department (MDWASD)
David Marquez
3071 SW 38th Avenue, Douglas Building, 4th Floor
Miami, FL 33146
(786) 552-8826
David.Marquez@miamidade.gov

Present Status of Project

Permitting

CMA is providing professional civil engineering services, including the design, permitting, bid support and construction administration support services of a new gravity sewer and potable water system in the unincorporated neighborhood of Brownsville in Miami-Dade County, FL. The project, will include 8", 10" and 12" gravity sewer main with 6" laterals and a new 12" potable water distribution system, complete with appropriate fire hydrants and water service meters for customers. This project will interface with several adjacent projects for interconnectivity of both the gravity sewer and potable water systems and will include at least two directional drill installations underneath and existing CSX railroad.



Qualifications of the Firm

MDWASD - Basin D2-B Wastewater System

Miami-Dade County, Florida

Start/Completion Dates

2020/2022

Original Budget/Final Cost

N/A

Fee

\$736,944.53

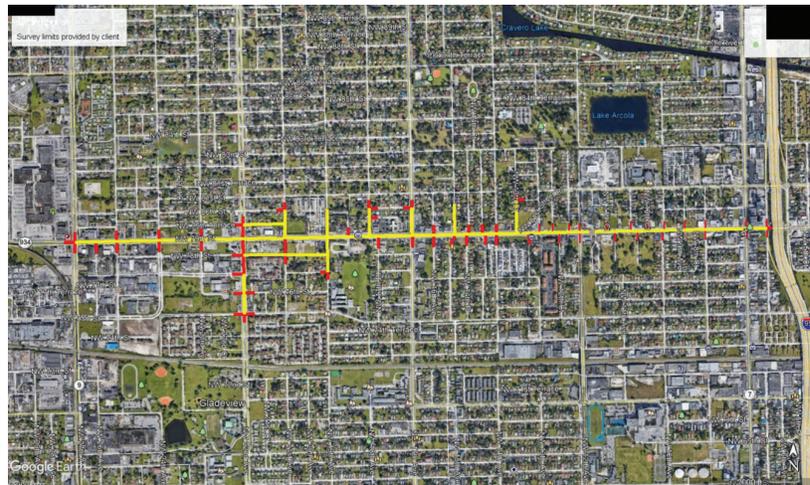
Client

Miami-Dade Water and Sewer Department (MDWASD)
Eduardo Luis
3071 SW 38th Avenue, Douglas Building, 4th Floor
Miami, FL 33146
(786) 552-8837
Eduardo.Luis@miamidade.gov

Present Status of Project

Permitting

CMA was tasked with providing civil engineering design, permitting, bid support and construction administration support services for a new gravity sewer system, potable water system and a new sanitary force main for an area known by the Miami-Dade Water and Sewer Department as Area D2-B in unincorporated Miami-Dade County, FL. This area, a mixture of industrial/commercial and residential, currently on septic systems, which require a new sanitary sewer system in order to abandon the septic systems. Pursuant a M-D WASD provided BODR, CMA is designing the proposed improvements for this area. This project is comprised of approximately 7,968 LF of new 8” gravity sewer main with 6” laterals, approximately 12,050 LF of new potable distribution water main to serve the properties in this area and approximately 1,600 LF of new 8” FM to serve a new pump station (in design, by others).



Qualifications of the Firm

Yumuri Street Sanitary Sewer Improvements Coral Gables, Florida

Start/Completion Dates

2020/ongoing

Original Budget/Final Cost

\$455,800

Fee

\$64,800

Client

Murphy Pipeline Contractors Inc
Victor Menocal
12235 New Berlin Road
Jacksonville, FL 32226
(305) 776-8181
victorm@murphypipelines.com

Present Status of Project

Complete

The project consisted of the design, permitting, and construction administration services for the sanitary sewer upsizing associated with the Venera Development in Coral Gables, Florida. The development is located at 1500 Venera Avenue. This development anticipated requiring upsizing of approximately 560 linear feet of existing gravity sanitary sewer from the intersection of Venera Avenue and Yumuri Street to Coral Gables Pump Station "F" where existing pipelines of 8", 10", and 12" diameter were increased to 10", 12", and 16" diameter, respectively.



Qualifications of the Firm

South River Sanitary Sewer Force Main Crossing

Fort Lauderdale, Florida

Start/Completion Dates

2018/2020

Original Budget/Final Cost

\$1.3 Million/\$1.3 Million

Fee

\$193,202.50

Client

City of Fort Lauderdale
Daniel Fisher
100 North Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-5850
dfisher@fortlauderdale.gov

Present Status of Project

Complete

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.



Qualifications of the Firm

District 3C Water System Improvements and Septic Tank Elimination Broward County, Florida

Start/Completion Dates

2020/ongoing

Original Budget/Final Cost

\$6,569,783

Fee

\$1,306,338

Client

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

Present Status of Project

Design

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.

CMA will prepare the design of the new sanitary sewer system inclusive of Lift Stations and a 2 mile force main. This will include the evaluation of existing conditions, review of preliminary process design criteria, phasing, preparation of preliminary design level opinion of construction cost, preparation and submittal of a draft and final schematic design/report and coordination/review.

Qualifications of the Firm

Septic Tank Elimination Area 2-F - D2 Sanitary Sewer Collection System Septic Tank Elimination Area 2 Broward County, Florida

Start/Completion Dates

2019/ongoing

Original Budget/Final Cost

N/A

Fee

\$70,016.40

Client

Thompson & Associates, Inc.
James Thompson
18503 Pines Blvd Ste 315
Pembroke Pines, FL 33029
(954) 842-4771
richardc@murhypipelines.com

Present Status of Project

Construction Administration

As a subconsultant to Thompson and Associates, CMA will provide design services and regulatory permitting for the design of a new sanitary sewer submersible lift station, in addition to regulatory permitting and quality assurance, quality control of the proposed sanitary sewer improvements within an industrial area called Septic Tank Elimination Area 2-F D2 for Broward County Water and Wastewater Services. CMA is providing site investigation including and sanitary flow analysis and design services including regulatory permit submittal. CMA will also assist with geohydraulic testing services and preparation of record drawings during construction.



Qualifications of the Firm

3. Qualifications of the Team



3. QUALIFICATIONS OF THE TEAM

For a complete profile of our key team members, including a minimum of three (3) alternate delivery projects on which they held a key delivery role, please refer to our resumes as requested in Section 4.

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other Professional Qualifications
Richard Crow	Director of Engineering and Special Projects	18	Project Manager	Murphy/ Davie	BS/Civil Engineering	N/A	Please refer to his resume in Section 4
Gustavo Rodriguez	Project Manager	5	Deputy Project Manager	Murphy/ Davie	BS/Civil Engineering	N/A	Please refer to his resume in Section 4
Lauren Romero	Construction Manager	15	General Superintendent	Murphy/ Davie	N/A	N/A	Please refer to her resume in Section 4
David Marin	General Superintendent	22	Project Quality Control Manager	Murphy/ Davie	N/A	N/A	Please refer to his resume in Section 4
Ernie Brown	Scheduler/ Project Controls Specialist	25	Scheduler/ Project Controls Specialist	Murphy/ Davie	N/A	N/A	Please refer to his resume in Section 4
Ed Steel	Project Health & Safety Manager	16	Project Health & Safety Manager	Murphy/ Davie	N/A	N/A	Please refer to his resume in Section 4
Daniel Davila, P.E.	Sr. Engineer/ FTL Branch Manager	20	Design Manager	CMA/Fort Lauderdale	BS/Civil Engineering/ 2000	PE 63014	Please refer to his resume in Section 4
Patrick Kaimrajh, P.E.	Sr. Engineer	13	Design	CMA/Fort Lauderdale	BS/Civil Engineering/ 2010	PE 78535	ASCE, AWWA, FES, Florida Engineering Leadership Institute,

Qualifications of the Team

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other Professional Qualifications
Lee Reumann, PLS	Regional Survey Manager	10	SUE Services	InfraMap Corp/	BS/Geomatics	PSM 7222	ASCE, UESI, ASCE Construction Institute
Andres Garcia	Sr. Utility Location Manager	24	SUE Services	InfraMap Corp/	AS/Science	N/A	InfraMap Training Program for Utility Locating & Designating Certification/ Instructor, ATSSA, Traffic Control Supervisor Certification, Confined Space Entry Training Program Certification (OSHA 1910.146)
James Stoner, PSM	President	42	Survey	Stoner and Associates, Inc.	AS/Land Surveying	LS 4039	Surveying and Mapping Society, American Congress on Surveying and Mapping, Leadership Broward
Mark Meyers	Owner	24	MOT Planning Services	MOT Plans/Fort Lauderdale	BA/Business Administration	N/A	N/A
Sattya Sukhu	Co-Owner	23	MOT Planning Services	MOT Plans/Fort Lauderdale	BS/Finance	N/A	N/A

Qualifications of the Team

Name	Title	Years Exp.	Area of Responsibility	Firm / Location	Education	Registration/ Licenses	Other Professional Qualifications
Cynthia McGrail	Sr. Communications Specialist	26	Public Involvement	Valerin	BS/English & Technical Writing	N/A	National Charette Institute (NCI) Certified Charette Facilitator, Social Marketing Association of N.A.

Qualifications of the Team

Chen Moore and Associates



Founded in 1986, Chen Moore and Associates (CMA) specializes in civil engineering, electrical engineering, water resources, water and sewer, landscape architecture, transportation, planning and 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, Jacksonville, and Orlando (Maitland). CMA has project offices in Gainesville, Sarasota and Tampa. The work performed for this contract will be based out of our Fort Lauderdale office.



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 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.

The firm is currently working on and has successfully completed projects involving the planning, design and construction of a wide range of projects in a multitude of disciplines including:

- 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
- Transmission Engineering
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- 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

CMA employs 105 full time staff, including 28 registered professional engineers, 6 registered landscape architects, 2 certified planners and a certified irrigation designer. With our highly experienced technical design staff, the CMA team has the capabilities to address the smallest to the most challenging civil, environmental and transportation engineering, planning, landscape architecture and construction administration tasks required for many types of public, semi-public and private sector projects. The City can be assured that the CMA team can handle all components of the projects performed under this contract.

Qualifications of the Team

Licenses. Please refer to Section 2 and page 2-4 for licenses.

Ownership/Education and Experience. CMA is a Corporation with 12 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and Section 4 and page 4-2 for our experience.

References. The following clients can be contacted as references:

SunTrust Bank
1601 S Federal Highway
Fort Lauderdale, FL 33316
Contact: Philip Studer
(561) 400-2518

Stoner and Associates Inc.
4341 SW 62 Avenue
Davie FL 33314
(954) 585-0997



Infra Map Corp

InfraMap 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.



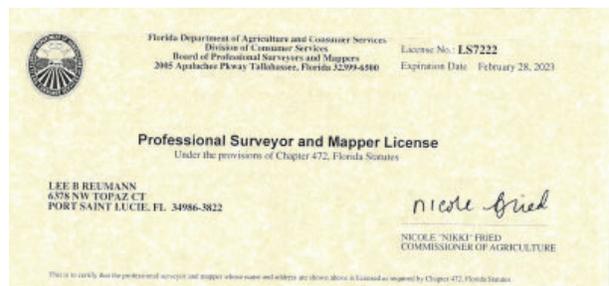
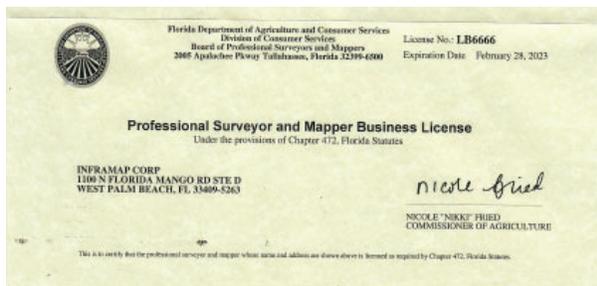
Licenses. Professional Surveyor and Mapper LB6666 (for the firm); LS7222 (for Lee Reumann)

Ownership/Education and Experience. InfraMap Corp is an S Corporation with 1 owner who is an employee of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and disciplines. Alternate Delivery Projects: N/A

References. The following clients can be contacted as references:

Biscayne Engineering
Mike Bartholomew
529 W Flagler St
Miami, FL 33130
(305) 324-7671
MikeB@biscayneengineering.com

FDOT, District 4
Jeff Smith
District Surveyor
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309
(954) 777-4579
Jeffrey.smith@dot.state.fl.us



Qualifications of the Team

Stoner and Associates, Inc.

Stoner and Associates, Inc. has over 25 employees including four licensed professional surveyors and mappers supervising six survey field crews. Stoner and Associates has developed a reputation as a professional, reliable company that provides accurate surveys, legal documentation and associated services combined with dependable service for over a decade.

Licenses. Professional Surveyor and Mapper LB6633 (for the firm) LS4039 (for James Stoner)

Ownership/Education and Experience. Stoner and Associates was founded by James Stoner in 1988 and who leads the firm as an owner and president to date. Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines. Alternate Delivery Projects: N/A

References. The following clients can be contacted as references:

Tony Irvine, P.S.M.
City of Fort Lauderdale
Engineering Division
Fourth Floor
100 N. Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-5052
tirvine@fortlauderdale.gov

Keith Pursell
Project Manager
Town of Davie
Capital Projects
6901 Orange Drive
Davie, FL 33314
(954) 797-1220 Phone
keith_pursell@davie-fl.gov



MOT Plans

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.

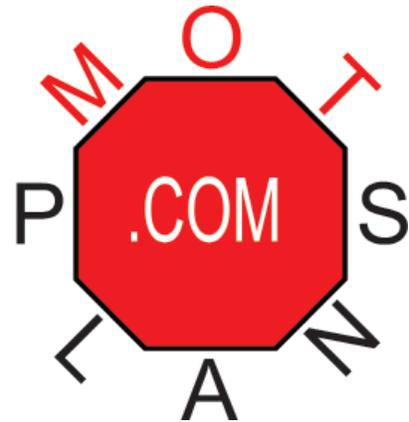
Licenses. N/A

Ownership/Education and Experience. MOT Plans is an LLC Corporation with 2 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and disciplines. Alternate Delivery Projects: N/A

References. The following clients can be contacted as references:

Bud Alvarez
Estimator/Project Manager
Hardrives Paving
2101 S Congress Avenue
Delray Beach, FL 33445
(561) 278-0456
bud@hardrivespaving.com

Paul Knight
The Ryan Companies
1700 S. Powerline Road, Suite H
Deerfield Beach, FL 33442
(954) 427-5599



Qualifications of the Team

Valerin Group

Stoner and Associates, Inc. has over 25 employees including four licensed professional surveyors and mappers supervising six survey field crews. Stoner and Associates has developed a reputation as a professional, reliable company that provides accurate surveys, legal documentation and associated services combined with dependable service for over a decade. Stoner will be responsible for surveying.



Licenses. Professional Surveyor and Mapper LB6666 (for the firm); LS7222 (for Lee Reumann)

Ownership/Education and Experience. MOT Plans is an LLC Corporation with 2 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and disciplines. Alternate Delivery Projects: North Palm River Drinking Water Project Design-Build, City of Tampa FY 19 Forcemain Replacements Design-Build and the City of Tampa Cypress Street Outfall DB.

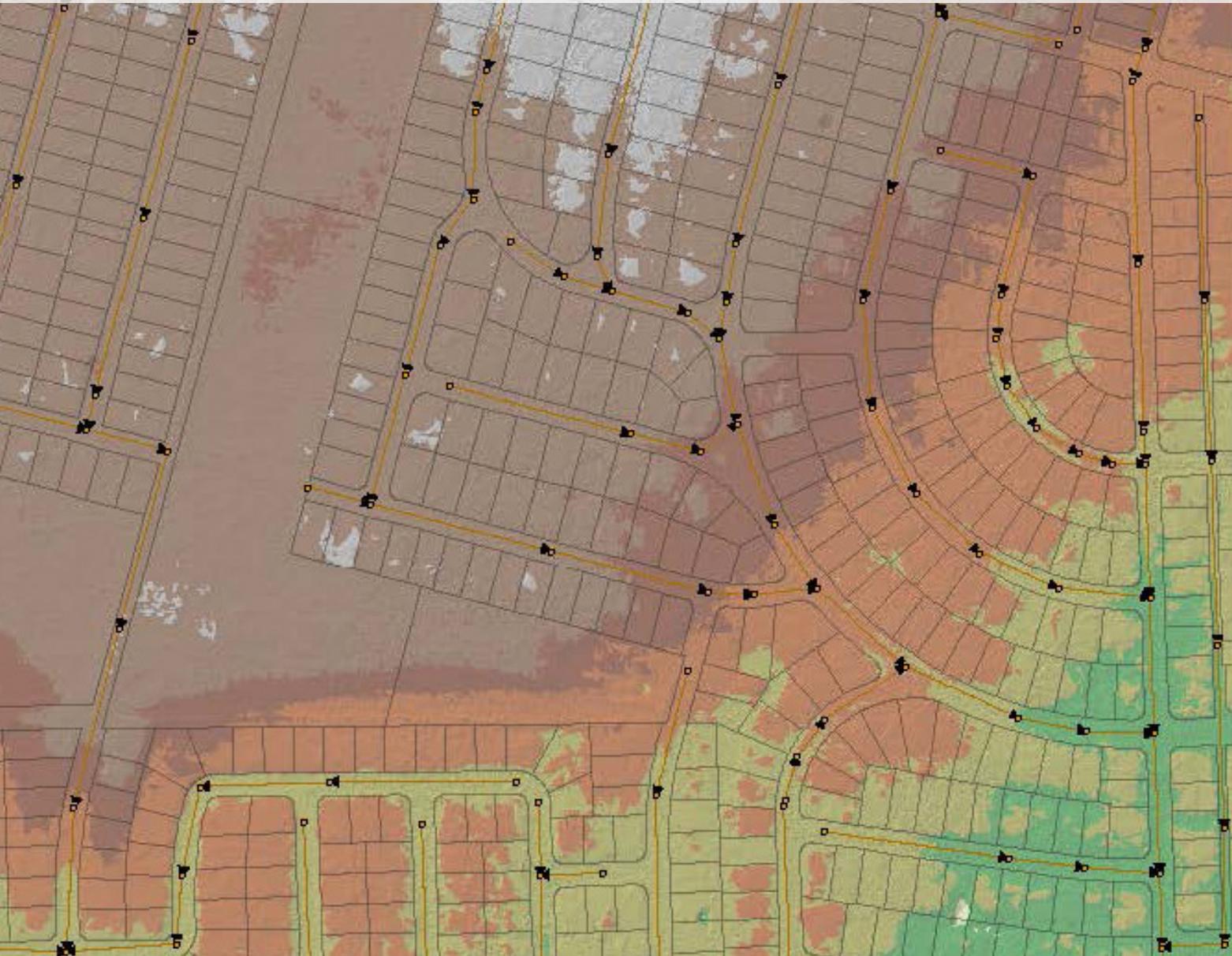
References. The following clients can be contacted as references:

Matt Hester, CGC PMP - Project Manager
 Westra Construction
 1263 12th Avenue East
 Palmetto, FL 34221
 (941) 713-6375
 mhester@westraconst.com

Paige Weeks - Project Manager
 DP Development
 2240 NW 22nd Street
 Pompano Beach, FL 33069
 (561) 574-4384
 paige@dpdevelopment.com

Qualifications of the Team

4. Project Manger's Experience



4. PROJECT MANAGER’S EXPERIENCE

Richard Crow holds a Bachelor of Science in Civil Engineering from Florida Atlantic University. He has over 20 years of experience managing \$400 million in utility infrastructure in South Florida. Throughout his career he has worked as an engineering consultant for both government entities as well as private contractors, providing a unique opportunity to understand all parties involved and provide viable solutions. Richard is a former regional construction manager for a global water management company and was a critical component in delivering sustainable solutions to both government agencies and industrial clients. He has extensive experience in overseeing the design and construction of vital water and wastewater treatment facilities, and his expertise and leadership ensured both a cost-effective design and aggressive production goals being met. Richard currently works with Murphy Pipeline Contractors, Inc and has been instrumental in educating and implementing trenchless technology strategies within municipalities in South Florida.

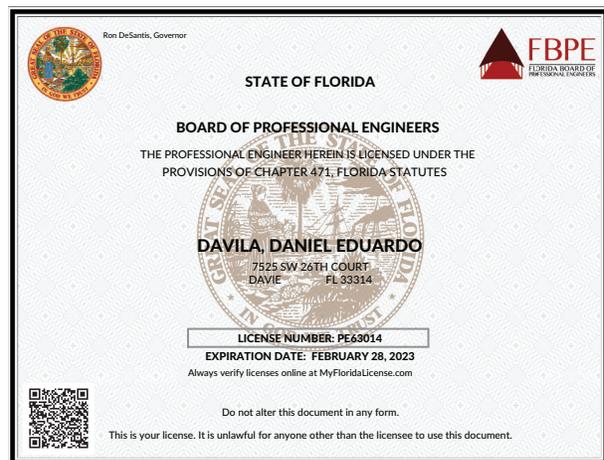


Please refer to Mr. Crow’s resume supplied at the end of this section for detailed qualification information. In addition, Mr. Crow is committed for the duration of the project.

Daniel Davila, P.E. has over 20 years of civil engineering experience. His experience includes water and wastewater facilities, facilities planning, utilities master planning, infrastructure renewal, construction management and rate and financial studies. Mr. Davila has assisted numerous clients that range from municipalities, counties, federal agencies, healthcare districts, residential developers and commercial developers to educational institutions. 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. Mr. Davila has been the contract manager for several government agencies including St. Lucie County; City of Plantation; St Lucie County School Board; Memorial Healthcare System; Village of Wellington; City of West Palm Beach; and Palm Beach County.



Mr. Davila has served 10 years with CMA. Please refer to Mr. Davila’s resume at the end of this section for related work experience and detailed qualification information. In addition, Mr. Davila is committed for the duration of the project.



Daniel Davila, P.E.

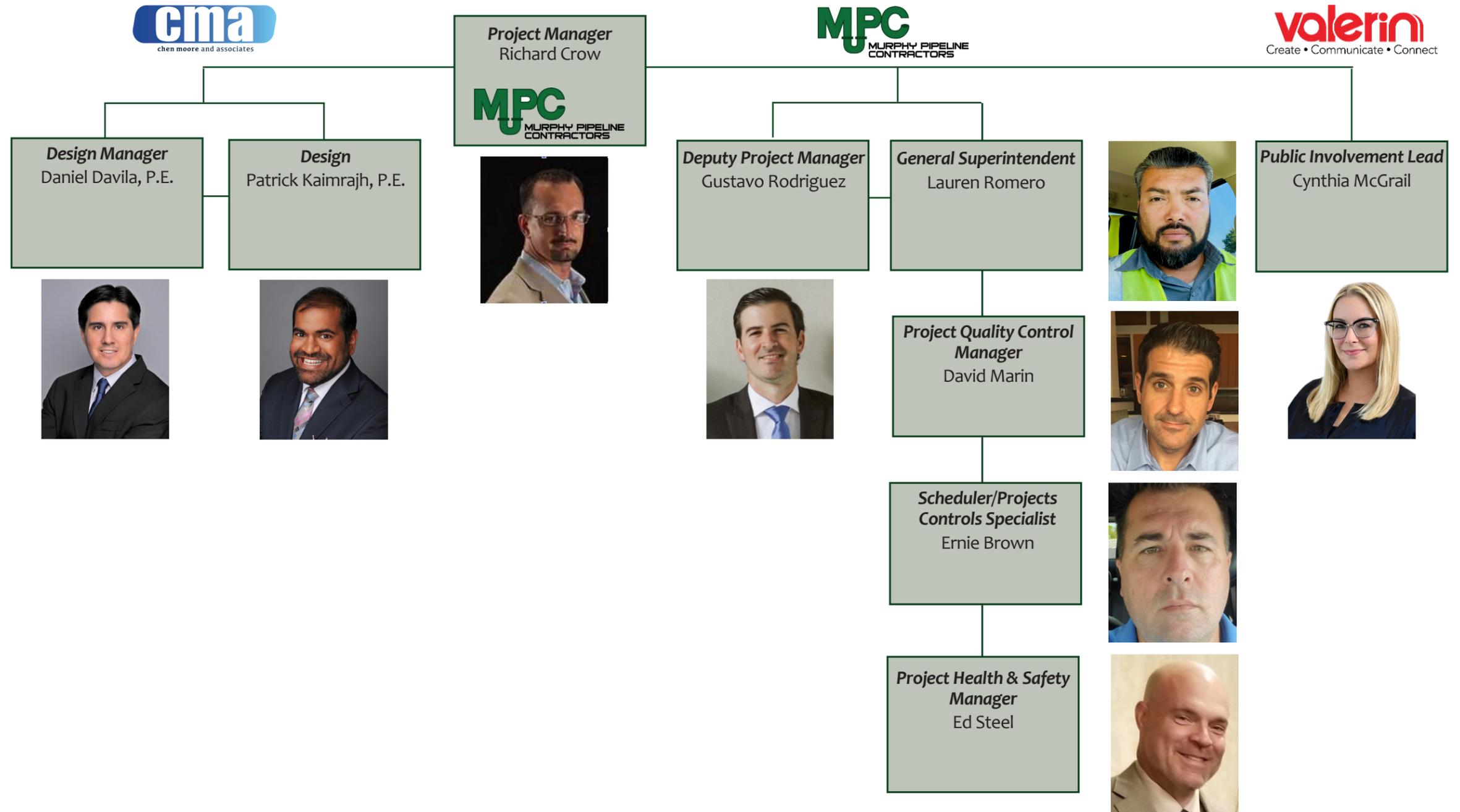
Example Projects

Please refer to our ‘Firms Past Experience’ project lists in Section 2 where multiple team members worked together on a variety of projects.

Project Manager’s Experience



Organizational Chart



Subconsultants

Resumes

Richard Crow **Project Manager**

Education

Bachelor of Science, Civil Engineering, Florida Atlantic University

Certifications

- Confined Space Training
- Work Zone Traffic Control – MOT Advanced Level Certification
- CPR/Medical First Aid
- OSHA 10-hour
- Competent Person Excavation Certification

Mr. Crow has managed over \$347 million in utility infrastructure projects in the Florida area within the last 12 years. He is currently the Director of Engineering and Special Projects for Murphy Pipeline Contractors, Inc. primarily serving the role of Design Build Manager. Prior to that, he has years of experience in consulting engineering and governmental construction management enabling him to be well rounded and communicate with all parties. Mr. Crow has devised, executed and approved strategic and tactical action plans focused on improving financial performance, establishing long-term business growth, and building top performing teams to drive achievement of objectives.

Project Experience

City of Fort Lauderdale North Redundant Sewer Force Main Emergency Project. Design-build manager for new 48-inch line consisting of more than four miles of new pipe installed via 11 horizontal directional drills (HDD) that range between 1,700 and 3,000 lf each to a depth of up to 70 feet. The new force main is 48-inch HDPE and DIP with 30-inch DIP branch sections installed by open cut. The entire project route is through complex urban areas with residential, entertainment and business districts. 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 requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine jurisdictional agencies for this project. Cost: \$24,500,000.00; Role: Design/Build Manager.

City of Fort Lauderdale Emergency Design-Build 30-inch Force Main Replacement. Design-build manager for four phases within the City. These nearly 20,000 lf of pipeline were replaced through a combination of CompressionFit, directional drilling, and traditional open cut installation. DBE Utility Services was the team’s partner for HDD. Environmental compliance, subaqueous crossing, public involvement, maintenance of traffic and congested utility corridors in the busy Sistrunk and Himmarshee Business Districts were some of the

Project Manager’s Experience



additional project complexities. Dewatering permitting and groundwater modeling due to contaminated sites within a quarter mile of the projects were required. Cost: \$17,000,000; Role: Design/Build Manager.

Design Build Services for the City of Coral Gables Sanitary Sewer Upgrade. Project consisted of rehabilitating approximately 1600 LF of gravity sewer in an upscale, high traffic area within the City of Coral Gables to support urban residential development. Cost; \$1,418,446.00 Role: Design/Build Manager

Florida Keys Aqueduct Authority CUDJOE Wastewater Improvements. The project consisted of 500,000 linear feet of gravity sewer and low-pressure grinder sewer with over 62 neighborhood lift stations. In addition to the sewer components, the project included over 55,000 lf of water main replacement of 6-inch, 8-inch and 12-inch by open cut. Cost: \$97,000,000; Role: Design/Build Manager.

Design-Build-Operate for the Village of Islamorada Wastewater Collection System. The DBO scope generally includes the following: 4 vacuum pump stations; 1 master pump station; 7 Ocean Channel Creek HDD crossings from 8-inch to 18-inch; 400,000 LF of 3” and 10” PVC / HDPE for vacuum/low pressure grinder collection system; 100,000 LF of 8” and 18” transmission main and 550 residential grinder pumps. Cost: \$104,950,279; Role: Design/Build Manager.

Gustavo Rodriguez
Deputy Project Manager

Education

Bachelor of Science, Civil Engineering, Florida International University

Certifications

OSHA Certification Training in HazMat

OSHA Competent Person, Confined Space, Contaminated Soils, and Safety Supervisor

FDOT Advanced MOT Certification

Mr. Rodriguez is Currently a project manager with 5 years of Engineering and Construction experience. He possesses strong analytical and organizational skills that allow him to successfully anticipate client needs and delivery a finished product under budget and ahead of schedule. His methodical approach to managing and executing projects had enabled him to forge and leverage relationships with both project owners and design partners.

Project Experience

The Standard at Coral Gables. Project was located in upscale, urban section of the City of Coral Gables. The project consisted of the replacement of approximately 1000 LF of Sanitary Sewer and the installation of four manhole structures from design, permitting and construction. Mr. Rodriguez was successfully able to navigate community and business needs to ensure stake holder satisfaction. Mr. Rodriguez was responsible for all components of project supervision; including contractual management, design changes, client interface, and subcontractor coordination and scheduling. Cost: \$612,750.00 Role: Project Manager

City of Florida City Project Nos. 10 & 11 Force Main 1 and 2 Replacement. The Scope of construction consisted of replacing approximately 4000 LF of 6"-12" Force Main along Krome Avenue Mr. Rodriguez managed the project from conception; assisting with permit submittals, material procurement, staffing and subcontractor coordination. He provided support for all field management in performing their responsibilities to ensure an efficient, safe and cost-effective execution of project. Cost: \$642,744.00; Role: Project Manager.

Bal Harbour Village Trenchless Rehabilitation and Related Items and Services. Rehabilitation water main and sewer ranging in size from 8-inch to 20-inch via pipe bursting and horizontal directional drill methodology; replacement of fire hydrants, relocation of services from rear easement to front utility easement. Cost: Active or complete phases: \$4.3 Million Role: Project Manager

I-95 Express Lanes Phase 3B1 from South of SW 10th St to South of Glades Road in Broward and Palm Beach. Project consisted of extending high occupancy toll lanes from south of SW 10th St to Glades Road in Broward and Palm Beach counties. Mr. Gustavo was instrumental in maintaining the financial health of the project and developed and revised project budget accordingly with field management and owner input. Cost: \$102 Million Role: Project Engineer

Project Manager's Experience



Lauren Romero
General Superintendent

Certifications

OSHA 30 Hr. HAZMAT

OSHA’s Supervisor / Management

FDOT Temporary Traffic Control Advanced

Mr. Romero is a results-oriented, hands-on Construction Manager with over 15 years of underground construction experience. He has proven success in executing and managing a wide variety of construction projects. Mr. Romero effectively oversees the complete construction process to maximize quality, cost control, and efficiency on each job site. He prioritizes a client focused approach to ensure owner satisfaction and to maintain project schedule and to finish within budget.

Project Experience

Eagle Pass Water Works System Cast Iron Pipe Replacement Project. Project consisted of replacing approximately 95,800 LF of existing Cast Iron water main via Pre-Chlorinated Pipe Bursting, Open Cut, and Horizontal Directional Drill. The cast iron water mains were replaced with 2” to 12” HDPE. The project also included the installation of new fire hydrants, removal and replacement of existing hydrants, reconnecting all service lines and reconnections to new or existing water mains. Mr. Romero was responsible for the managing of all elements of project execution and delivered the project under budget and ahead of schedule. Cost: \$10,781,775.00; Role: General Superintendent

City of Fort Lauderdale Emergency Design-Build Installation of New Redundant Bypass Line. Design/ Build project in conjunction with design partners Chen Moore & Associates. The project consists of the rehabilitation, through Horizontal Directional Drilling and open cut, of approximately 22,000 LF of Force Main along Bayview Drive from Coral Ridge County Club to south of Sunrise. Mr. Romero is responsible for managing all components of field operations Cost: \$27,913,506.00; Role: Construction Manager

The City of Fort Lauderdale Croissant Park Small Watermain Improvements. Project consisted of the replacement of approximately 15,000 LF of small diameter water main, replacement of fire hydrants and over a hundred service connections in an established neighborhood south of Davie Blvd. Mr. Romero delivered a successful project while maintaining community satisfaction and strengthening relationships with the stake holders. Cost: \$2,327,438.00 Role: Construction Manager

City of Pompano Beach State Road A1A Water

Project Manager’s Experience



Main Improvements. Mr. Romero was responsible for managing all elements of the project execution and coordinating all processes with owner. SEC Project Manager Contract Value \$1,000,000. Type of Construction: Watermain (via pipe bursting small diameter existing) and roadway improvements.

The City of Coral Springs Lift Station 21C Reconstruction and New Force Main. Mr. Romero was responsible for all components of the job start up coordination and project execution to ensure maximum profitability and owner satisfaction. SEC Project Manager: Contract Value \$1,000,000. Type of Construction: Sewer Pump Station and installation of 10' Forcemain.

Florida National University. Mr. Romero is responsible for all components of project management; including contractual management, design changes, client interface, subcontractor coordination and scheduling. SEC Construction Manager: Contract Value: \$550,000. Type of Construction: Replacing approximately 15,000 LF of small diameter water main.

Project Manager's Experience

David Marin

Project Quality Control Manager

Certifications

QA/QC/Field Engineering Course Work

CSP

Confined Space, Fall Protection, Scaffolding, and Trenching & Excavation

DOT Maintenance of Traffic Intermediate Certification

Construction Safety and First Aid/ CPR

Site Safety/OSHA Compliance

Road, Bridge and Utility Construction Supervision

Environmental Remediation

Mr. Marin has made a career in the construction industry over the past 22 years, with the past 12 in utility construction. He performed at every level within the industry including laborer, operator, foreman, superintendent, project manager and now General Superintendent overseeing Quality Control and Quality Assurance for Murphy Pipeline. He has been responsible for and managed multimillion-dollar projects overseeing teams with a determined focus on safety.

Project Experience

The City of Coral Gables Sanitary Sewer Improvement Upgrade. Mr. Marin managed a state-of-the-art technique of trenchless manhole to manhole modular pipe installation of approximately 1700 LF of sewer line. In an upscale commercial area of Coral Gables. Cost: \$1,600,000. Role: General Superintendent QA/QC Manager.

Plaza Coral Gables Phase II MPC. Mr. Marin managed all facets of project operations with focus on quality control and assurances for the replacement and rehabilitation of approximately 1600 LF of gravity sewer line. Cost: \$1,400,000. Role: QA/QC Manager

The City of Boynton Beach Central Seacrest Corridor Drainage Improvements and Watermain Replacement Contract. Design-Build 30,000 LF of 8” WM Replacement. Mr. Marin was responsible for ensuring best practices being followed to ensure consistent focus on safety and quality control. Cost: \$4,856,527 Role: QA/QC Manager

City of Fort Lauderdale Emergency Design-Build 30-inch Force Main Replacement. Approximately 20,000 LF of pipeline were replaced through a combination of CompressionFit, directional drilling, and traditional open cut installation. DBE Utility Services was the team’s partner for HDD. Environmental compliance, subaqueous crossing, public involvement, maintenance of traffic and congested utility corridors in the busy Sistrunk and Himmarshee Business Districts were some of the additional project complexities. Dewatering permitting and groundwater modeling due to contaminated sites within a quarter mile of the projects were required. Cost: \$17,000,000; Role: QA/QC and Construction Manager.

East Las Olas 12” Forcemain Replacement. Approximately 1600 LF of 16 Inch Force Main. Mr. Marin worked with Construction Manager to

Project Manager’s Experience



establish systems to maximize production and ensure all milestones were met with focus on quality final product being released to owner. Cost: \$1,038,800; Role: QA/QC Manager

Design-Build-Operate for the Village of Islamorada Wastewater Collection System. The DBO scope generally includes the following: 4 vacuum pump stations; 1 master pump station; 7 Ocean Channel Creek HDD crossings from 8-inch to 18-inch; 400,000 LF of 3” and 10” PVC / HDPE for vacuum/low pressure grinder collection system; 100,000 LF of 8” and 18” transmission main and 550 residential grinder pumps. Cost: \$104,950,279; Role: QC/QC and Construction Manager.

Project Manager's Experience

Ernie Brown

Scheduler/Projects Controls Specialist

Registrations

State of Florida Underground Utility Contractor License

State of Florida Plumbing License

Certifications

OSHA Certification Training in HazMat, Competent Person

DOT Maintenance of Traffic

Mr. Brown is a results focused and dynamic professional, with extensive experience in heavy civil construction management. He possesses strong strategic management capabilities, highly analytic and problem-solving skills and expertise in planning and execution. He has a proven history of success in overseeing the management of simultaneous multi-million-dollar projects and is versed in contract negotiations, anticipating obstacles and providing strategic solutions that have allowed him to forge strong relationships with multi levels of organizations.

Project Experience

Eagle Pass Water Works System Cast Iron Pipe Replacement Project. Project consisted of replacing approximately 95,800 LF of existing Cast Iron water main via Pre-Chlorinated Pipe Bursting, Open Cut, and Horizontal Directional Drill. The cast iron water mains were replaced with 2” to 12” HDPE. The project also included the installation of new fire hydrants, removal and replacement of existing hydrants, reconnecting all service lines and reconnections to new or existing water mains. Mr. Brown developed, implemented and maintained scheduling and production control throughout the duration of project. Cost: \$10,781,775.00; Role: Project Controller/Scheduler

The Standard at Coral Gables. Project was located in upscale, urban section of the City of Coral Gables. The project consisted of the replacement of approximately 1000 LF of Sanitary Sewer and the installation of four manhole structures from design, permitting and construction. Mr. Brown was responsible for contract negotiations and all preliminary work to put the project into production. He managed scheduling and all costs associated with construction Cost: \$612,750.00 Role: Project Controller/Scheduler

The City of Boynton Beach Central Seacrest Corridor Drainage Improvements and Watermain Replacement Contract. Contract Value \$4,856,527. Design-Build 30,000 LF of 8” WM Replacement. Mr. Brown was responsible for managing all elements of project execution and coordinating all processes with the owner. He recruited, scheduled, and supervised subcontractors, enforced company policies, procedures and safety guidelines. He managed multiple phases of construction while maintaining critical communication with owners to

Project Manager's Experience



ensure community satisfaction. Cost: \$4,856,527 Role: Project Controller

City of Florida City Project Nos. 10 & 11 Force Main 1 and 2 Replacement. The Scope of construction consisted of replacing approximately 4000 LF of 6"-12" Force Main along Krome Avenue Cost: \$642,744.00; Role: Project Controller/Scheduler

Project Manager's Experience

Ed Steel

Project Health & Safety Manager

Registrations

USACE Construction Quality Management of Contractors

OSHA 30

First Aid/CPR Certified

OSHA Excavation Safety and Training Competent Person

FL MOT Intermediate Certification

Flagger MOT Certified Trainer

QCS/RMS Trained and Proficient in the use of the system

Confined Space Certified

NASSCO Certifications

PASP, LACP and MACP

Mr. Steele has been involved in almost every aspect of Murphy Pipelines work; from Superintendent, Project Manager, QA/QC Manager and currently Safety and Risk Manager. Mr. Steele has strong strategic management capabilities, highly developed analytical and problem-solving skills, and expertise in mitigating risk to stakeholders and owners alike. He has a successful track record of ensuring all projects operate with zero safety incidents.

Project Experience

Eagle Pass Water Works System Cast Iron Pipe Replacement Project. Project consisted of replacing approximately 95,800 LF of existing Cast Iron water main via Pre-Chlorinated Pipe Bursting, Open Cut, and Horizontal Directional Drill. The cast iron water mains were replaced with 2” to 12” HDPE. The project also included the installation of new fire hydrants, removal and replacement of existing hydrants, reconnecting all service lines and reconnections to new or existing water mains. Mr. Steele was responsible for creating systems to ensure the safety all site personnel and to mitigate risk throughout the project from inception to project close out. Cost: \$10,781,775.00; Role: Health and Safety Manager

The City of Boynton Beach Central Seacrest Corridor Drainage Improvements and Watermain Replacement Contract. Design-Build 30,000 LF of 8” WM Replacement. Mr. Steele was responsible for enforcing compliance with regulations and ensuring health and safety guidelines were being implemented on site daily.. Cost: \$4,856,527 Role: Health and Safety Manager.

The City of Fort Lauderdale Victoria Park Small Watermain Improvements Project. Approximately 22,000 LF of 4”-8” WM replaced. Mr. Steele worked with project management team to ensure daily safety meetings were being held with relevant and consistent information, and that all safety certifications of personnel remained up to date and active. Cost: \$10,282,620 Role: Health and Safety Manager

5 Year Water Main Replacement Program, Arlington Water Utilities, TX. Health and Safety Manger for multiple phases of water distribution replacement. The program included water main replacement in densely populated mature residential areas. The program includes replacement of 6-inch through 12-inch water main in roughly 90% mature residential neighborhoods and 10% through business districts and in front of schools. The areas include mature landscaping/ trees, pedestrian foot traffic and congested utility corridors. Significant QA/QC program implemented from planning through to construction.

Project Manager's Experience



Daniel Davila, P.E.
Design Manager

Education

Bachelor of Science, Civil Engineering, University of Florida, 2000

Registration

Professional Engineer, Florida, 63014, 2005

Professional Affiliations

American Academy of Environmental Engineers

Florida Engineering Society

Florida Healthcare Engineers Association

Certifications

Stormwater Management Inspector

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 planning and design of 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.

Project Experience

Broward County UAZ 110/111 & 113 Water Sewer Improvements 113B (RFP No. R1356803P1), Lauderdale Lakes, FL. The Water and Sanitary Sewer Improvements for the UAZ 110/111 & 113 Project includes 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 23,600 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 currently under construction, in which CMA is performing construction administration for three separate bid packages.

Lift Station Assessment Project, North Lauderdale, FL. CMA will provide professional civil engineering services for the assessment for potential

Project Manager's Experience



replacement/restoration of sanitary sewer lift stations in the City of North Lauderdale, Florida. CMA will provide site investigation, topographic survey, geotechnical investigation, utility coordination, hydraulic modeling, design services, regulatory permitting, bidding assistance, and limited construction administration for this project. CMA will be responsible for the development of the design documents for the assessment with regards to renovation/replacement of Lift Stations 1, 3, 9, 13, 14, 18 and 20.

TO-01 South River Forcemain Crossing, Ft Lauderdale, FL. 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.

TO-11 - P12352 - S. River Forcemain Crossing Design Review and CEI Services - Contract 466-11723-2 - PO PP171887-12 with City of Ft. Lauderdale, FL. 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.

Southgate Boulevard & Rock Island Force Main, Margate, Florida. CMA is assisting Carollo Engineers with installing approximately 6,000 linear feet of sanitary sewer force main to provide system redundancy. CMA is responsible for the survey, geotechnical engineering, subsurface utility investigation, design, permitting and bidding assistance. The firm is also providing hydraulic modeling services to verify the impacts to other areas of the sewer transmission system with the implementation of the new force main.

SBBC- Charles W Flanagan High School-GOB Renovations, Pembroke Pines, FL. The project consists on the construction of a new classroom building which will be replacing buildings #3, #4 and #6. The new building required connection to the existing school drainage system, a new water service, fire lines and sanitary sewer service. CMA provided civil engineering services for the design of fire lines, fire department connections (FDC) including fire flow calculations per ISO and NFPA standards, hydraulic modeling, extension of watermains, pavement and sidewalk restoration to accommodate the proposed improvements. The design also required drainage improvements and permitting with the Fire Rescue Department, South Broward Drainage District (SBDD) and Broward County Health Department (BCHD). Chen Moore also provided Landscape Architecture and Irrigation design to comply with the School Board and local regulatory agencies.

Margate Elementary School - Phase II (16014 Phase II), Margate, FL. This project consists of the replacement of existing buildings No. 4 and No. 6 with a new 8,400 SF building at the Margate Elementary School in the City of Margate, FL. CMA is responsible for the civil engineering design and permitting, including water main, sanitary sewer services, fire protection infrastructure, stormwater drainage, grading, and paving restoration. The fire protection system includes a fire main, which is designed as a closed loop system without any dead ends, a fire hydrant, a fire department connection, and backflow preventer. The building water service will be tapped off the proposed 8-inch water main loop. The Needed Fire Flow (NFF) was estimated and modeled in accordance with the methods presented in NFPA 1 Fire Code.

A storm drain gravity line will collect the roof drain and connect to the existing stormwater system. The proposed storm drain ranges from 8-inches to 10-inches, conveying the stormwater flow from the building to a catch basin located East of building No. 8, which subsequently discharges to the Stranahan River through an existing outfall. Services include permitting through the engineering and planning department of the City of Margate.

5. Project Methodology & Approach



5. PROJECT METHODOLOGY & APPROACH

Delivering a quality project to achieve your goals.

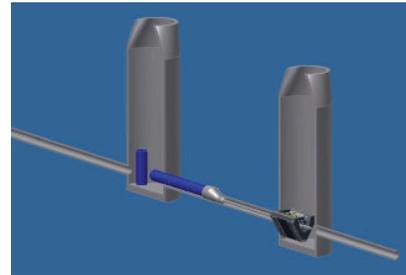
Our approach is based on many years of successful service to the City.

I. BACKGROUND

The City of Fort Lauderdale (CITY) has an upcoming project where they plan to improve the gravity sewer system in the downtown Fort Lauderdale area. The project is located along SE 2nd Street, SE 1st Ave, and E Las Olas Blvd, extending from SW 1st Ave to SE 3rd Ave. This location is a very active downtown and entertainment area, and therefore the project needs to be as unobtrusive as possible. The City is looking for a design build firm that can design, permit, and build the proposed improvements by using trenchless methods and minimizing impact. Approximately 2,120 LF of gravity sewer pipe is expected to be replaced, including the connection of sewer laterals.

Murphy Pipeline Contractor (MPC) has teamed up with Chen Moore and Associates (CMA) to provide an efficient trenchless approach for this project. The team plans to meet and exceed the city's goals by considering the following aspects:

- Public Outreach Approach
- Familiarity with local subsurface conditions and interpretation of geotechnical data obtained by the DBF, to augment preliminary geotechnical data
- Existing cured in place pipe (CIPP) considerations
- Pipe bursting installation
- Open cut installation
- Sewer lateral connections
- Bypass plan, flow considerations, and operations
- Traffic study that meets the requirements of permitting agencies
- Maintenance of traffic
- Dewatering.
- Erosion and Sediment Control
- Manhole improvements and impacts including sections of manholes which must be removed for pipe bursting operations



In addition to the engineering and construction aspect of the project, our team is providing a comprehensive approach that highlights our awareness and understanding of the community's unique needs.

II. APPROACH METHODOLOGY

As previously indicated, our team has successfully designed, permitted, and constructed several Trenchless Projects within South Florida and the City of Fort Lauderdale. Our approach is simple but efficient and it will allow us to provide the City with a sound efficient design and construction, all within budget and ahead of schedule.

Our Trenchless Project Approach is structured around KEY GOALS

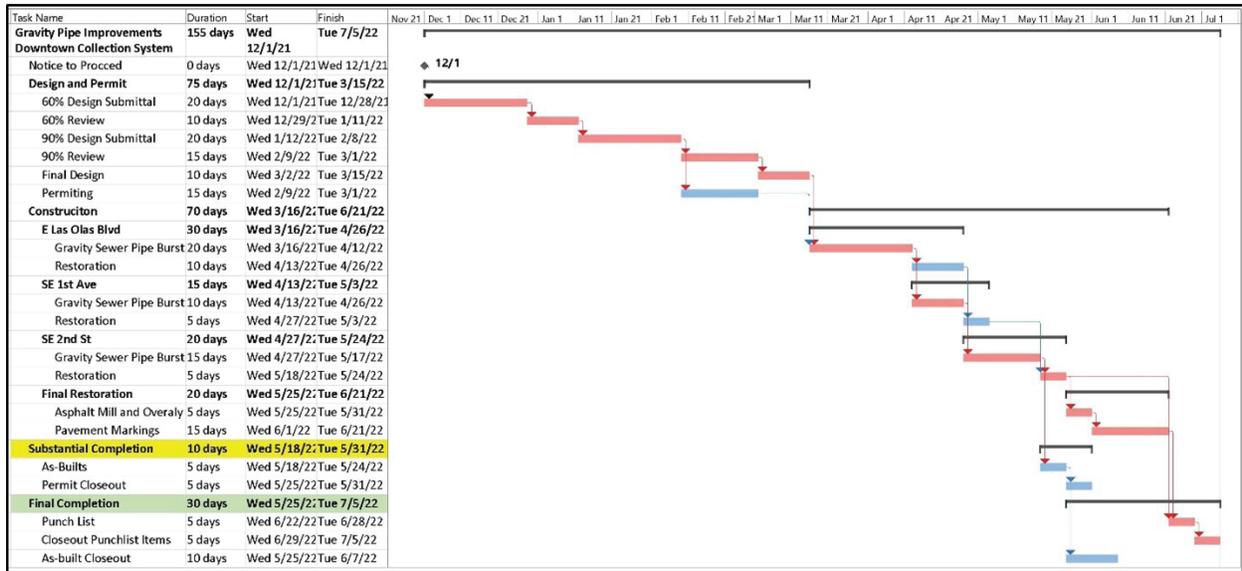
1. Community Coordination and Public Involvement
2. Minimize the construction footprint to the Downtown Area
3. Reduce the construction duration
4. Sustain the surrounding business and residents Way of Life



Proposed Design-Build Schedule

The use of our Trenchless approach of man hole to manhole pipe bursting of the existing gravity lines has allowed the MPC team to create a proposed schedule that will limit the duration of construction that impacts the Downtown Area. Additionally, the proposed schedule shows a completion date roughly three months ahead of the contract time.

This decrease in project length is an exceptional benefit to the team, the City of Fort Lauderdale, and the impacted community. -



Public Outreach Approach

The MPC Team would like to emphasize that the public outreach, communication, and coordination with the Las Olas Downtown Area community is one of the most important foundations in creating a successful project. Due to the nature and location of this project, the MPC Team has partnered with The Valerin Group to assist in maintaining high stakeholder satisfaction and a seamless communication process between all parties involved. Throughout this proposal, we will detail Valerin Group’s intimate knowledge of City events and local flavor that will enable the MPC Team maintain positive community relationships.

Our public involvement partner, The Valerin Group, Inc. (Valerin), will lead our team’s community outreach and public engagement efforts for this project. Valerin’s extensive experience with similar infrastructure projects and familiarity with downtown Fort Lauderdale’s Las Olas neighbors and businesses, will support our commitment to early, continuous, and meaningful communications and outreach that gains public support for the project and minimizes impacts to stakeholders.



Valerin received Tampa Bay’s PRestigious Award for Community Relations for the Hillsborough County’s North Palm River Drinking Water Design-Build project.

Project Methodology & Approach

Community Outreach Plan. Valerin will develop a Community Outreach Plan (COP) that will serve as a “blueprint” outlining the communication tools, techniques and methods to be used and updated throughout the duration of the project. The COP will be developed with an understanding of the specific stakeholder concerns from residents and businesses in the Las Olas district. Upon completion, the COP will be submitted to City staff for review and approval. The COP is a living document and outlines stakeholder management, public meetings, special events and communications activities during design and construction as well as anticipated stakeholder concerns.

Stakeholder Management | Concerns. Early and continuous outreach and communication to address specific concerns is critical to minimizing impacts to the community. Valerin will develop a stakeholder database comprised of key stakeholders including The City of Fort Lauderdale Transportation and Mobility department (TAM), Broward County Transit, Broward County, the Downtown Development Association (DDA), the Las Olas Association and the Downtown Fort Lauderdale Civic Association as well as property owners, residents, businesses and emergency services/first responders. Specific stakeholder concerns may include access to valet parking as well as noise, odor and dust near outdoor patio seating at restaurants including:

- Eddie V’s
- YOLO
- Java & Jam
- Arborwood Kitchen
- Royal Pig BBQ

Access to parking, noise and utility impacts will be of concern to office buildings and apartments, condominiums and hotels including the

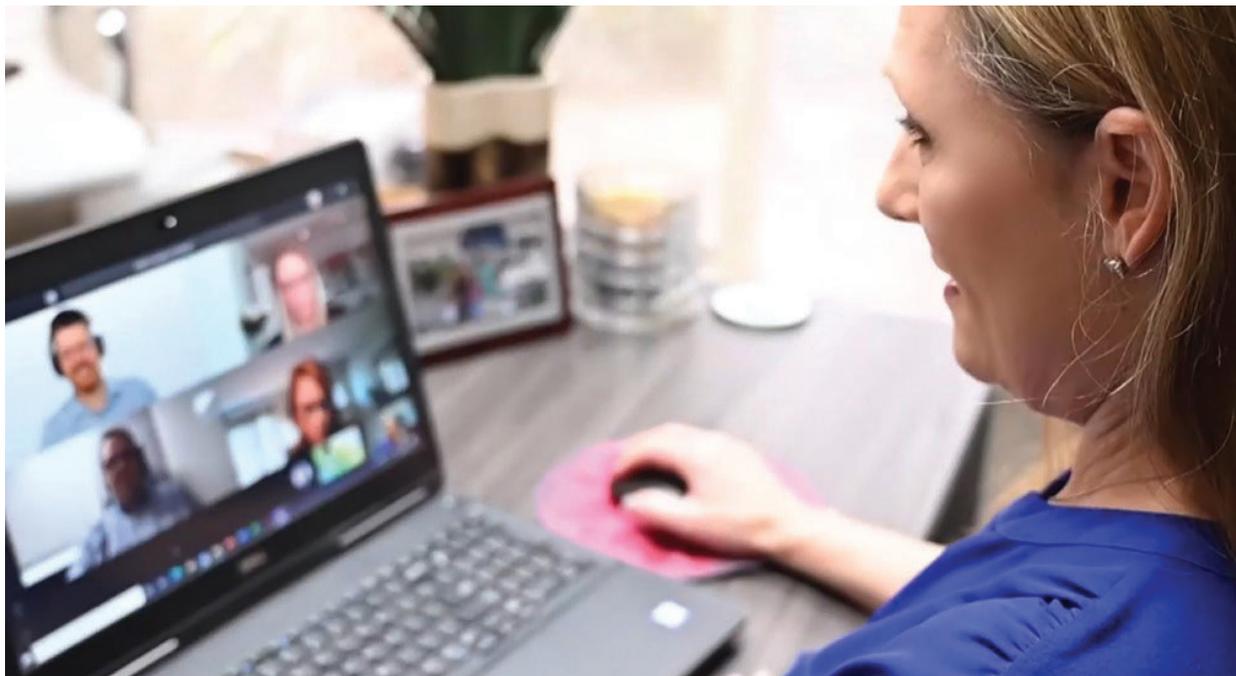
- Hyatt Centric
- Icon Las Olas
- Alluvion Las Olas
- River House and 1WLO

The NSU Art Museum, Broward County Government Center and Library will be concerned that pedestrian and parking access may be impacted during construction. Medical services providers including Shino Bay Cosmetic Dermatology perform in-office procedures where unexpected vibrations or utility impacts would be of concern.

We will also take into consideration impacts to local events including the **Las Olas Art Fair, Exotics on Las Olas and the Fort Lauderdale International Boat Show.**

The Florida Department of Transportation’s (FDOT) Henry E. Kinney Tunnel Improvements and Pedestrian Plaza Project includes major road closures and detours along Las Olas Boulevard and adjacent to the project boundaries, which we anticipate will result in increased traffic congestion throughout the area. Our comprehensive stakeholder database will capture contact information as well as track correspondence with dates, stakeholder type, form of communication, area(s) of concern, inquiries, responses and resolutions.

Public Meetings. A Virtual Public Information Meeting using Zoom or Go-to-Webinar will be conducted at approximately 90% design plans to allow stakeholders the opportunity to receive timely project information and construction schedules, speak to project staff, and provide valuable feedback. Meeting planning and coordination will include development of collateral and a PowerPoint presentation; distribution of meeting invitations via social media, email and personal delivery; meeting production, attendance, moderation and Q&A support and preparation of a summary report including attendance lists and question/answer summary. Valerin will work with the City’s strategic communications team to ensure all material is pre-approved and meets City brand guidelines.



The Valerin team conducts a virtual stakeholder meeting.

Pre-Construction Activities. Several weeks prior to the start of construction, Valerin’s Community Outreach Specialist (COS) will develop and distribute flyers via email and/ or personal contact providing notice of the start of construction, what to expect during construction, and contact information. This information will also be provided to the City’s Strategic Communications staff for posting to the City’s website and social media platforms.

Construction Phase – Outreach Tools | Techniques | Activities

During construction, Valerin’s COS will perform public information and outreach activities to include the following:

- Attendance at regular progress meetings to be kept up to date on project activities.
- Meeting/interacting one-on-one with property and business owners, property managers/ associations, developers and other interested parties to include key stakeholders
- Maintaining a project specific 24/7 Hotline and project email address and respond to inquiries in a timely manner.
- Developing/creating project collateral such as a project fact sheet, notifications, flyers, Frequently Asked Questions (FAQs), and other relevant information
- Distribute project collateral via personal delivery, email and/or first-class mail to property owners, businesses and tenants located near the project site, and to other interested parties.
- Maintain stakeholder database (using a Stakeholder Management Database System).
- Correspond regularly with the City regarding relevant project updates/information to post to social media platforms, website and in other channels including the City Newsletter (LauderTrac), FTL City News, City Video Programming ie; “The Buzz”, FLTV



The Valerin team provides communications, community outreach and engagement support for the City of Tampa Water Main Improvements Design Build Project.

Project Communications. Based on our team’s prior experience, project knowledge and relationship building, we can anticipate many of the questions and concerns that may arise and address them through pre-approved communications materials such as a project fact sheets and FAQs. All written responses will be presented to the City’s Project Manager for review and approval prior to being released to the public.

Valerin’s COS will typically respond to routine public inquiries either within two (2) hours of receiving a call, message and/or email or the morning of the next business day if received after hours or on the weekend. We understand that even when there is no immediate answer to the inquiry, it is important to be responsive and to reassure the caller their concern has been heard and will be addressed. This can often be the difference between a minor problem being resolved or escalating into a crisis.

Project Collateral (Fact Sheets, Flyers and Newsletters). Valerin’s, graphic design specialist will develop collateral pieces that are factual, informative, educational and tailored to meet the needs and requirements specific to this project.

Collateral and notifications are written in “plain language” so it is easily understood by the public and include QR codes for easy access to the project website. Collateral materials include but are not limited to: Fact Sheet; Flyers; Notifications; E-Mail Updates; and Social Media Announcements. **After Valerin performs an internal QC review of the documents, the drafts will be provided to the City for final review and approval prior to printing and distribution.**

Website and Social Media. Valerin’s project COS will provide content to post on the City’s website or project website, including project information and updates as appropriate. We understand the website serves as a primary source of public information on City activities and will ensure that website links are included on all collateral material to drive interested parties to the site.

The project COS will also provide content for City social media accounts (Facebook, Twitter, Instagram, YouTube, Nextdoor) to inform the public about project activities, schedule and impacts. The social media channels will be regularly monitored to identify trending subjects and issues and provide valuable feedback to the City’s Strategic Communications staff.

Project Updates. The project COS will prepare a weekly “Projects Update Report” for this project. This information will detail project activities as well as future activities as documented in the contractor’s two-week look ahead and project schedule. The report will include any inquiries and responses received from the public and media.

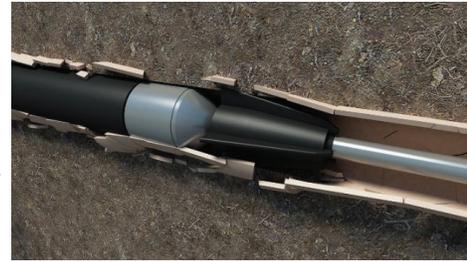
Elevation (feet)	Depth (feet)	Graphic Log	Sample No.	Recovery (feet)	MATERIAL DESCRIPTION	USCS Classification	SPT Blows per foot (SP)
0	0				ASPHALT (6.25")		
	1				Light Brown LIMESTONE with Fine to Medium Grained Sand (BASE)	SP-GM	21-13-1 N=34
	2				Light Brown Fine to Medium Grained SAND with Some Limestone	SP	
	3				Dark Brown to Black, Fine to Medium Grained SAND (Organic Stained)	SP	11-5-6 N=10
	4				Brown, Slightly Silty Fine to Medium Grained SAND	SP-SM	6-2-3-3 N=5
	5				Light Brown LIMESTONE with Fine to Medium Grained Sand	SP-SM	3-4-4-6 N=8
	6						6-5-9-10 N=14
	7				Light Brown Fine to Medium Grained SAND	SP	5-4-5 N=9
	8						9-9-10 N=19

1. Local Subsurface Conditions & Associated Geotechnical Data

Our team has evaluated the available geotechnical data provided by the City and made a distinct evaluation of the low N values from the boring logs. These existing conditions are favorable for the Pipe Bursting process. We are also aware of the presence of a high-water table which will have a limited impact during a trenchless operation when compared to an open cut approach.

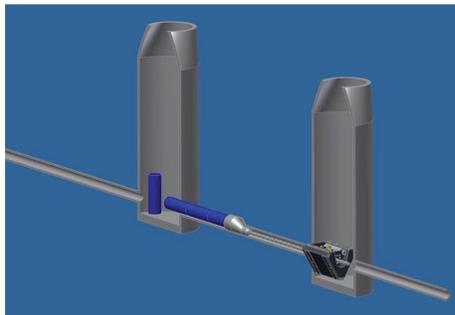
2. Existing cured in place pipe (CIPP) considerations

Our team has extensive experience with existing CIPP lining upsize projects. For continued success we have designed and supplied pipe



burst heads that allow fracturing the main with little resistance. Inverts are traditionally opened up and left over CIPP, in and around the manhole, is removed to provide a perfect seal. Leaving CIPP and sealing the inverts over the new line could cause a leak point. Therefore, MPC highly recommends removing the old CIPP when rehabilitating lines.

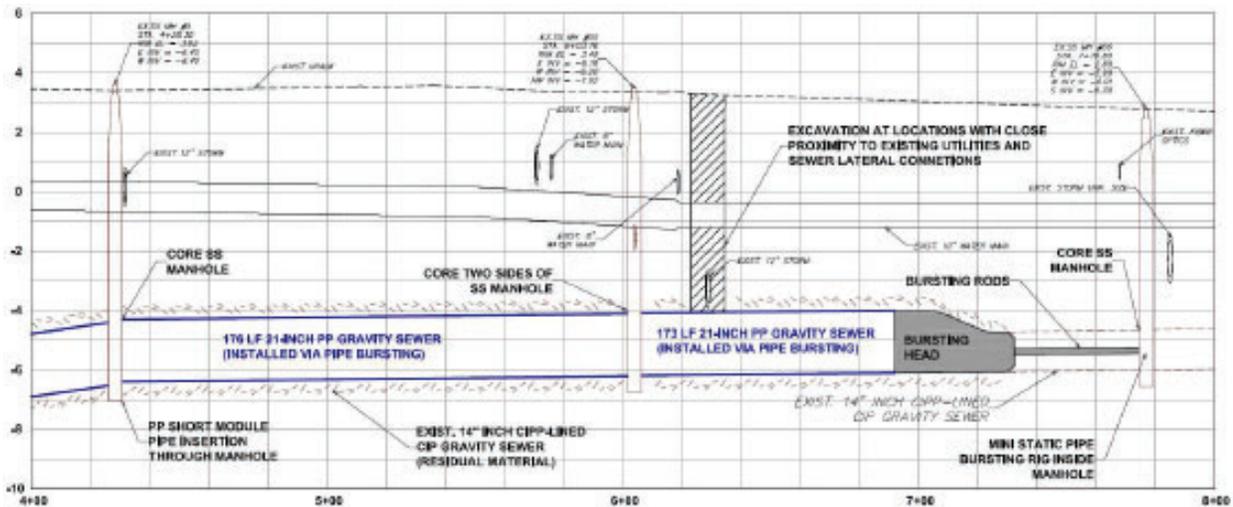
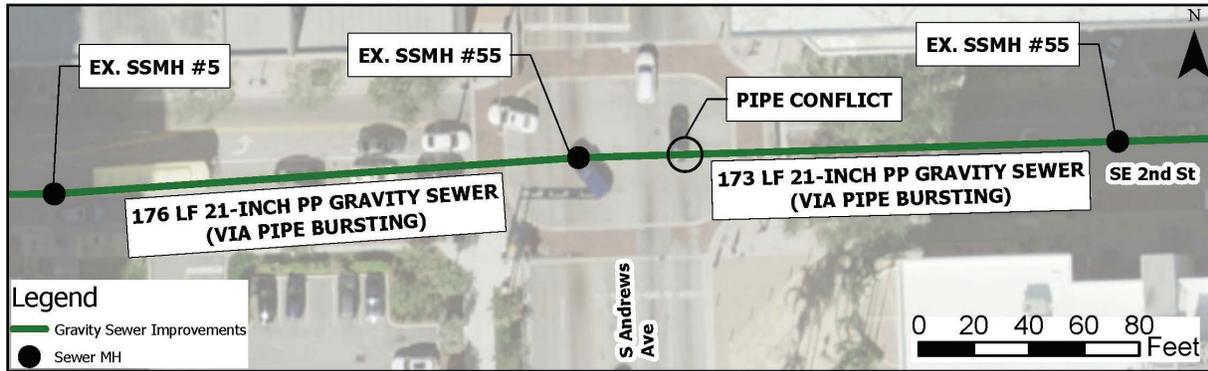
3. Pipe Bursting Installation



For a successful trenchless project that offers the least impact to the surrounding area the MPC Team proposes a manhole-to-manhole pipe bursting approach. In this approach the modular pipe and pipe bursting equipment fit inside the existing manhole. Additionally, if conditions allow, pipe bursting can be performed through existing manholes. As an example, a pipe burst run can have four manholes within the same run. The set up would be at first and fourth manholes, thus bursting through manhole two and three.

There are linear limitations to the length of bursting that is impacted by the straightness of the run and the diameter increase. Burst with smaller diameter are limited to 800 LF and larger size increases are limited to 400 LF.

An application of this approach can be found in the example plan and profile view, where pipe bursting can be performed through an existing manhole, thus limiting above ground traffic impact to the intersection.



After the pipe bursting process has been achieved inverts are sealed and mudded in the traditional way. Allowing for a standard tight seal around the new pipe.



SSMH #5 - Short Module PP Pipe Insertion Through Manhole



SSMH #55 - Static Pipe Bursting Rig Inside Manhole



4. Open Cut Installation

Open Cut installation is proposed to be limited in the project. We anticipate open excavation for lateral connections, conflict structures, and manhole replacements, if needed. During the open cut installations, The MPC Team will ensure that proper trench support, dewatering activities, maintenance of traffic and community coordination exceed the client’s expectations. Our team has experience working in the project area and has recently successfully completed

several projects in and around the proposed site. Experience, knowledge, and dedication to the finer detail will ensure successful open cut operations along this highly visible corridor.

Project Methodology & Approach



5. Sewer lateral connections

The sewer lateral connection will require intensive investigation through CCTV to review each lateral and to determine reconnection or abandonment. Once we determined if the lateral connection will be reinstated or abandoned, our team will submit our proposed activities for confirmation from the City of Fort Lauderdale operations department. Additionally, our team will provide a post inspection of the lateral via CCTV to ensure proper tight seal connection.

The MPC team has used the proposed Inserta Tees on several of our local gravity sewer upgrade projects. Inserta Tee allows easier grading of mainline and ensures that side services are installed exactly where they need to be. Using them reduces the need to completely excavate the mainline connection for a traditional wye connection.

6. Bypass plan, flow considerations, and operations

The overall plan is structured around maintain existing gravity flow and mitigating the impact to the surrounding area. Our team will be using silent pumps supported by an additional layer of construction site sound barrier curtains. These silent diesel bypass pumps comply to city noise ordinance of 71 dba at 23'. The bypass will include suction manifold into a Silent Diesel Pump (Primary) & Silent Diesel Pump (back up) the laterals will be bypassed with dedicated bypass pumps.

The bypass for this project will be done in phases. Each bypass will account for all gravity lines and laterals into manholes and mainline pipes. Silent diesel pumps will be used for the bypass including primary and backups. Bypass piping and road ramps will help to reduce the impact on local pedestrian and vehicular traffic. The bypass plan will begin in the low end of the project on Las Olas Blvd and run east bound to SE 1 Ave. The bypass will turn north bound until SE 2 Street. Bypass will then go west bound on SE 2 Street until the terminal manhole located SW 1 Ave.

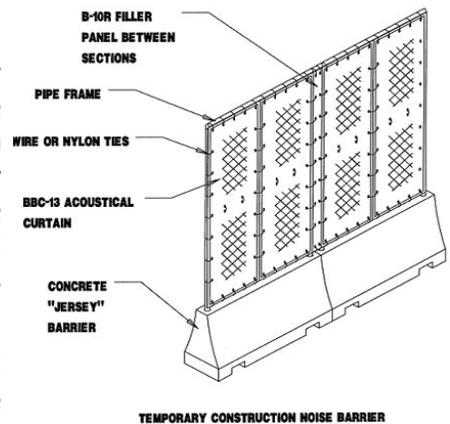
Phase 1-The bypass will begin suction in an east-west manner at MH #80. MH 80, 79, 78 will be bypassed and the bypass discharge will be in MH #68A.

Phase 2- The bypass will begin suction in an east-west manner at MH 68A. MH 68A, 68B, 68B will be bypassed and the bypass discharge will be in MH 68.

Phase 3- The bypass will begin suction in an east-west manner at MH 68. The discharge will turn south to north. MH 68 & 69, 69A will be bypassed and the bypass discharge will be in MH 70.

Phase 4- The bypass will begin suction in an east-west manner at MH 70. MH 70, 70A, 70B, 56 will be bypassed and the bypass discharge will be in MH 55. The incoming flows from MH 68 (dedicated silent bypass pumps) will also discharge to MH 69.

Phase 5- The bypass will begin suction in an east-west manner at MH 55. MH 55, 5,5B, 178 will be bypassed and the bypass discharge will be in MH 179.

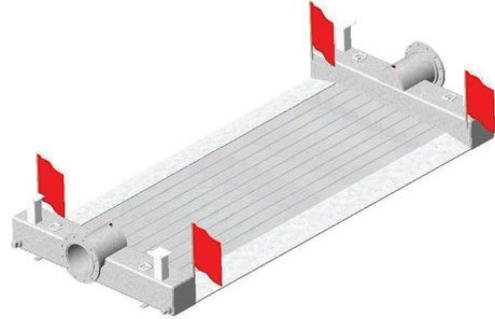
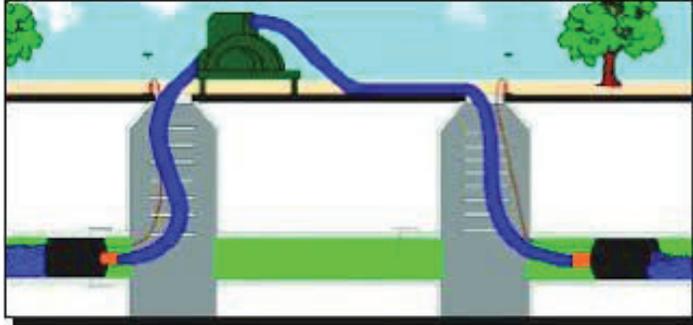


Project Methodology & Approach

Phase 6- The bypass will begin suction in east-west manner at MH 179. MH 179, 1,1E will be bypassed and the bypass discharge will be in the downstream manhole.

Any incoming lines or laterals will be accounted for with a flow thru pipe plug and a silent diesel bypass pump.

Were above ground temporary bypass flow lines that are required and traffic cannot be diverted, our team will propose flow through ramps.

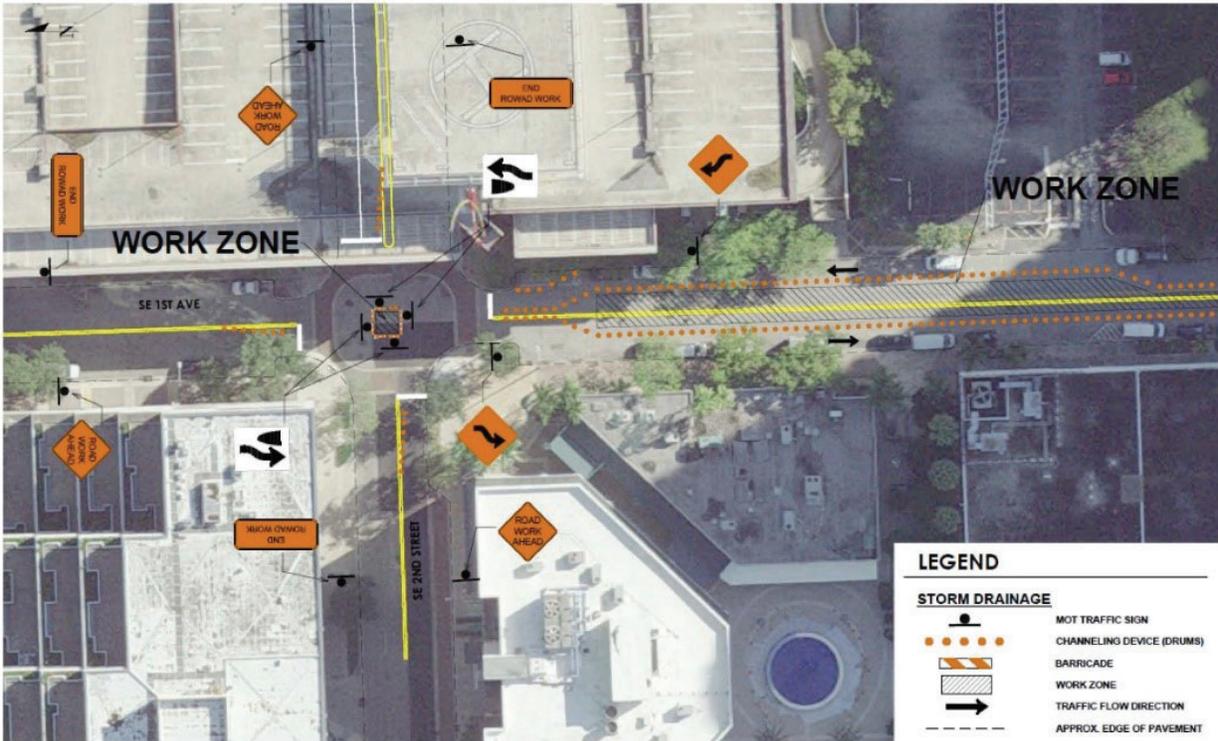


7. Traffic Study

The MPC Team has experience with design-built projects and MOT implementation for trenchless projects. Understanding that the project is in a high entertainment area with high volumes of vehicle and pedestrian traffic is key to develop a plan that is safe for the public. Any deviation of traffic will evaluate the impact on the overall streets and pedestrian walkways in the downtown area. Traffic impact analysis and MOT plans will be prepared and submitted to the City and regulatory agencies to makes sure of compliance with traffic and safety.

8. Maintenance of Traffic

The MPC Team has designed and implemented well executed maintenance of traffic operations throughout Broward County. Proposing a trenchless approach greatly reduces the overall impact compared to a traditional open-cut operation. The MPC team will be performing the infrastructure upgrade with no road closures throughout the project. Minimizing impacts to the traveling public equates to time and cost savings for the MPC Team, as well as increased community satisfaction. MPC carefully evaluated the pipe bursting setups throughout the design and select open-cut work when developing the MOT approach. For the pipe bursting work, our team will propose to use the on-street parking to maintain traffic flow. This will require a small section of middle lanes for temporary closure. This section of road is 40 linear feet wide and thorough traffic will be minimally affected. It is important to note that our team will maintain ingress or egress to the Downtown Area Communities. To ensure traffic control plans are followed and implemented correctly, all the MPC management and field personnel have been trained and received certifications for the applicable duties from advanced to intermediate MOT certificates.



Gravity Pipe Improvements to the Downtown Collection System
 EXHIBIT D
 MOT Plan



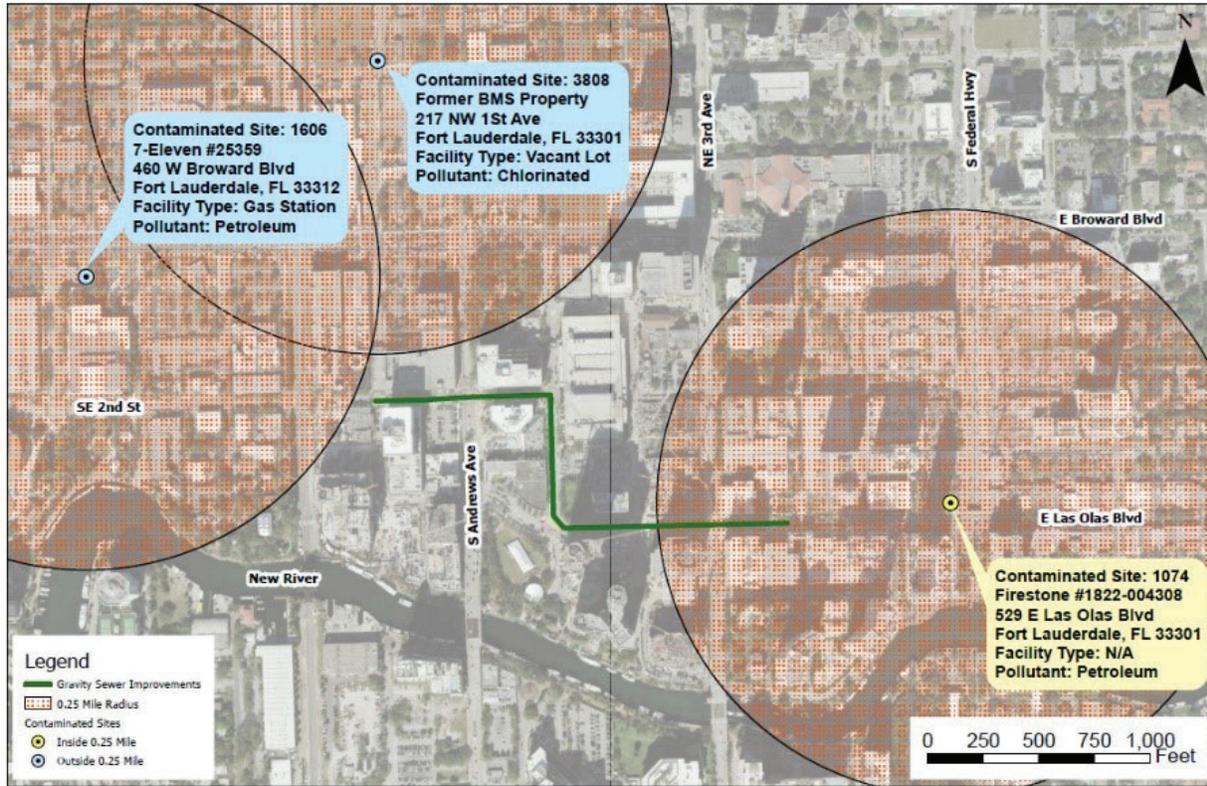
9. Dewatering

The MPC Team has developed a dewatering plan based on the geotechnical findings, knowledge of the local conditions and regulatory environment and best practices from past projects within the City of Fort Lauderdale. Dewatering permits will be applied for during the early stages of the project to comply with Broward County Environmental Protection and Growth Management Department and South Florida Water Management District requirements. A search of the Florida Department of Environmental Protection (FDEP) database has found three contaminated sites within the vicinity, with only one potentially affecting the project. We have provided in the exhibit below, the location of these contaminated sites. Most of the project is found outside any potential contamination, however, the segment east of NE 2nd Ave will require further investigation to determine whether remediation will be necessary.

Since the project will use Pipe Bursting as the primary pipe installation method, dewatering needs will minimize. Dewatering will be performed to lower the groundwater table, as necessary, to work inside manholes and at excavations. It is anticipated that some excavation will be performed at sewer lateral connections and pipe conflicts along the pipe bursting run. Further investigation will be performed by our team to determine the areas that will require open cut excavation.

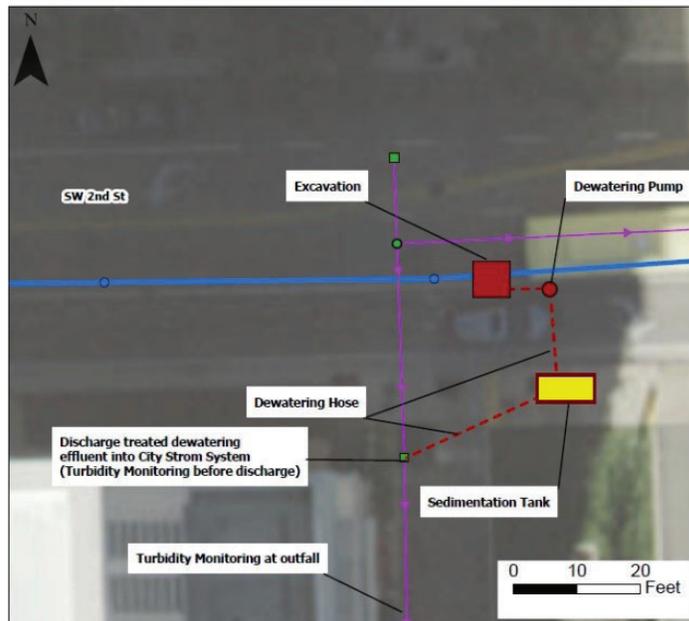
A typical dewatering plan will include a dewatering pump, a dewatering hose, a sedimentation tank, and a discharge location to the City storm system. All dewatering effluent will be treated to meet regulatory requirements of turbidity. The following exhibit depicts the dewatering plan for a potential excavation in the project. Each potential excavation will be evaluated individually to determine the if any modification of this dewatering plan will be necessary.

The Exhibit C shows our Storm Water Pollution Prevention plan identifying the storm drainage system, inlets to be protected, floating turbidity barriers at outfalls and sedimentation protection.



Gravity Pipe Improvements to the Downtown Collection System

Exhibit B
Contaminated Sites



Gravity Pipe Improvements to the Downtown Collection System

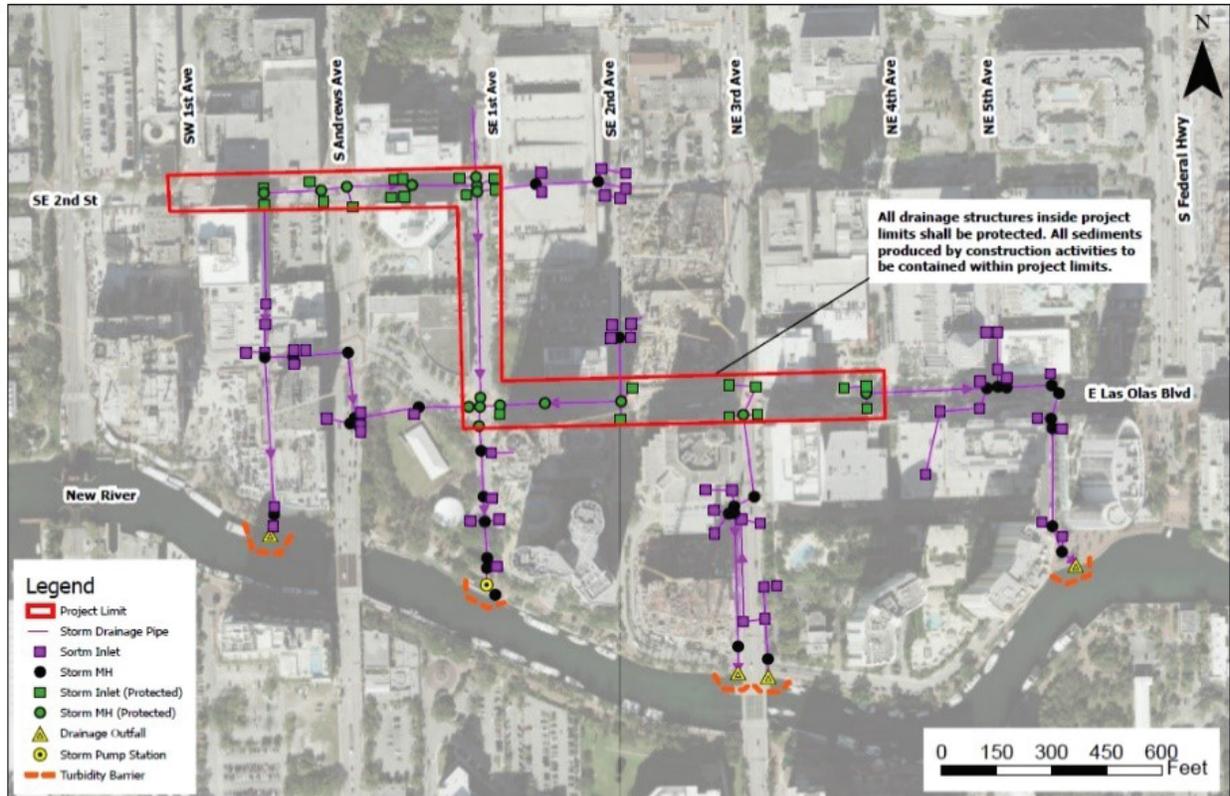
Exhibit D
Dewatering Plan



Project Methodology & Approach

10. Erosion and Sedimentation Control

Our team has reviewed the area and noted the outfalls that will be monitored during construction. For the success of the project and environmental protection, a sedimentation and erosion control (SEC) plan will be created prior to construction and adhered to on a daily basis. Typical SEC plan will identify the existing storm drainage system, inlets to be protected, sediment retaining curtains, and floating turbidity barriers at outfalls. SEC Inspection Reports and Turbidity Monitoring Logs will be maintained by our Design partner CMA so we can have an independent party perform these inspections. Once MPC has been identified of any potential deficiencies, they will be resolved immediately. If site conditions change, our proposed plan will be modified / adjusted. It is essential to maintain the environmental ecosystem of the area and to withhold our construction efforts from disturbing the environment. An example of inspection reports and Turbidity Monitoring Logs is presented below with a preliminary Sedimentation and Erosion Control plan.



Gravity Pipe Improvements to the Downtown Collection System

Exhibit C
SWPP Plan



Redundant Foreman North
Phase Number
Location

125th Redundant Sewer Foreman North
Phase 3, Lot and 3, 2b - Open Cut
NE 18th Street and NE 20th Avenue

Outfall Location / Pump #	Date	Time	MORNING		AFTERNOON		Comments		
			NTU (Inside Curtain)	NTU (Outside Curtain)	Date	Time		NTU (Inside Curtain)	NTU (Outside Curtain)
Day 1 NE 18th Street and Just West of NE 20th Street [South Side]	9/7/2020	7:00 AM	11.2	12.1	9/7/2020	4:15 PM	12.1	12.1	Needed to re adjust turbidity due to resident comp sinks.
Day 2 NE 18th Street and Just West of NE 20th Street [South Side]	9/8/2020	7:05 AM	9.2	10.8	9/8/2020	4:20 PM	9.9	10.8	Resident released barrier on Tuesday evening after work had been completed.
Day 3 NE 18th Street and Just West of NE 20th Street [South Side]	9/9/2020	N/A	N/A	N/A	9/9/2020	1:15 PM	11.8	14.2	Fixed the turbidity barrier in morning since resident released it Tuesday evening including.
Day 4 NE 18th Street and Just West of NE 20th Street [South Side]	9/10/2020	7:00 AM	11.2	11.2	9/10/2020	3:20 PM	N/A	N/A	One day of pump to fuse M3 Adapter.

Project Methodology & Approach

Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name: Ft. Lauderdale Emergency Force Main _____ FDEP NPDES Stormwater Identification Number: _____

Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Corrective Action / Other Remarks
Bayview Dr NE 28th st - NE 27th st	.5"	Turbidity Curbin	04/02/2020	Good	Cleaned, in good condition
Bayview Dr NE 30th st - NE 30th rd		Turbidity Curbin	05/04/2020	Good	Cleaned, in good condition
Bayview Dr NE 37th st - NE 37th rd		Turbidity Curbin	07/27/2020	Marginal	Fair, Needs to be cleaned.

Condition Code:

G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement
 C = Needs to be cleaned O = Other

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information:



Operations Manager

08/28/2020

Name

Qualification

Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are no any incidents of non-compliance identified above.

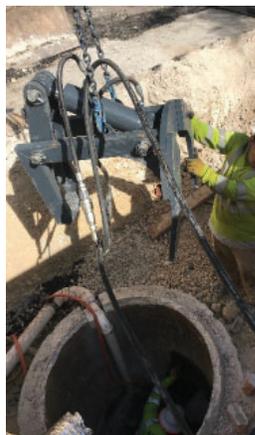
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Responsible Authority)

Date

11. Manhole improvements and impacts including sections of manholes which must be removed for pipe bursting operations.

Manhole modifications are anticipated through out the project. Once the pipe bursting operation is complete The MPC Team will reattach the undamaged precast lid and reline the manhole to maintain its useful life.



Data Gathering and Preliminary Investigations

This step of the project is an important part of the project. It requires detailed attention, experience, organization, and substantial coordination. This is the step of our project approach in which we learn everything about the project, where we learn the limitations, existing conditions and where we coordinate with most stakeholders.

Project Methodology & Approach

Our team begins this project step by conducting an internal kick-off meeting with subconsultants. At the meeting, details of the project are shared with subconsultants, schedules are established, and key items are discussed. Typically, topographic surveys, environmental, site visits, surveys and assessments, and geotechnical engineering will be performed under this phase. However, prior to sending our team to the field, we make sure they have all available information such as as-builts and previous surveys for their use.

The following tasks are performed under this phase:

- a. Call for design tickets (811)
- b. Review as-builts, GIS and existing information (utilities)
- c. Perform survey, testholes, underground utility exploration and designations (GPR)
- d. Review environmental permits and address concerns
- e. Release Geotechnical Engineer as applicable
- f. Research and study right-of-way lines; research jurisdictions
- g. Review traffic reports and previous assessments. Begin MOT coordination
- h. Identify contaminated sites and or sensitive sites
- i. Contact permitting agencies, request previous permits for project area and adjacent areas as applicable. Review permits
- j. Meet with regulatory agencies as necessary and discuss project
- k. Meet with City staff, including maintenance and operation staff

It is imperative that design tickets (811 calls), coordination with utility providers, as-built review and site visits are thoroughly performed to understand the constraints and determine the best options for the design. Our team has in-house procedures and checklists to make sure we do not miss a step in the critical Data Gathering phase. We also keep a log for all utility coordination which we continue to update as information is made available to us. This Utility Tracking Log will be shared with City staff periodically during the course of the project. Below is an example of a tracking log which shows agencies contacted, utilities encountered, dates of latest information received and contact person.

In addition to obtaining existing information, it is important to understand the project jurisdictional agencies. For this project we propose contacting and or meeting with all agencies within 3 weeks from NTP. It is important we established early communication with permitting agencies and attend pre-application meetings. It is important to present the project to agencies early on to avoid any surprises. Meetings will be held with regulatory agencies and the scope of the project will be shared along with preliminary exhibits.

2. Design Approach

After meeting with the City, regulatory agencies and gathering field information, we will proceed with the design phase. During this phase, we will develop detailed plans, calculations, reports, assessments, complete studies, and incorporate technical specifications.

The following is a summary of the design approach and potential issues or challenges. We know from experience that the successful delivery of projects such as the Coral Shores Watermain replacement project boils down to implementing four fundamental steps:

Begin with a design approach that identifies the core project technical issues.

Identify constructability challenges and break down the project design components to the root challenges.

Focus on simplifying solutions and providing clean, constructible designs.

Follow through to assure coordination and communication with all project stakeholders.

3. Regulatory Agency Permitting

As previously indicated, our team will begin coordination with regulatory agencies within days of receiving an NTP. Coordination with regulatory agencies is performed during the entire Project duration. It begins prior to the kickoff meeting with our initial as-built investigation and existing permits research; and ends with the project close-out and final certifications. It is of the utmost importance that the regulatory agencies are approached and engaged from the beginning to avoid any surprises. We will attend pre-application meetings with all the regulatory agencies prior to initiating the design.

Our team has excellent relationships with the regulatory agencies that will be engaged under this contract. Our team has years of experience in dealing with the local agencies including utility providers, FDOT, SFWMD, EPGMD, BCTED, BCHCED and FDEP

Permits and/or coordination for this project will be required for:

- Gravity Sewer Improvements
- Dewatering during construction within contaminated areas
- Pavement markings and signage
- Municipal permitting

Our Team anticipates the following agencies that will be part of this project:

- Broward County Environmental Protection & Growth Management Department (EPGMD)
- Broward County Highway Construction and Engineering Division (BCHCED)
- Broward County Traffic Engineering Division (BCTED)
- South Florida Water Management District (SFWMD)
- Utility Providers

Quality Control and Assurance

Through design and engineering to the installation of infrastructure. Our team delivers an outstanding product by documenting all comments and providing a thorough list of what has been addressed. During installation, the MPC field team records daily activities from the installation crew to the CEI staff of Chen Moore working together to provide a quality product for the City of Fort Lauderdale.

MPC's QA/QC plan establishes the basic guidelines in which MPC will operate during construction for this project. MPC will provide the necessary supervision, inspection and testing of all items of work, including that of subcontractors and suppliers to ensure compliance with plans and specifications. This will be accomplished using MPC's Daily Construction Checklist which is performed twice a day by the Superintendent to confirm to compliance with project requirements such as active locate tickets, latest plans/specifications, approved shop drawings for work being performed, resident notified for work being performed today, survey laid out, NPDES compliance, daily project upkeep / maintenance, etc. This daily construction checklist is specifically designed on a per project basis to make sure that it meets the specific needs of that neighborhood and project.

Available Resources and Current Workload

Below is our chart with our current workload. We have 09 projects that are currently open; however, we have 4 projects that are currently under construction. We are anticipating construction commencing in January / February 2021. Based on that anticipated start date, 6 projects will either be closed or in the closeout phase. At this point, we anticipate having a few active projects by the time the Coral Shores Small Water Main project starts. We will have at least 3 pipe bursting crews available to perform this work.

No.	Project Name	Anticipated Completion Date	Percentage Complete	Status
1	City of Fort Lauderdale Victora park	Oct 2021	99%	Project Close Out
2	City of Fort Lauderdale North Redundant Sewer Force Main Project	Oct 2021	99%	Project Close Out
3	Tamarac 10 Inch Pipe Bursting	Sep 2021	99%	Project Close Out
4	Bal Harbour Phase 5C- Loop Water/Sewer	Nov 2021	50%	Construction Ongoing
5	Bal Harbour Phase 3C Sewer	Dec 2021	10%	Construction Ongoing
6	Coral Springs HDD	Oct 2021	56%	Construction Ongoing

Each available crew typically brings a backhoe, loader, skidsteer, fusing machine, pipe bursting rig and foreman truck with all of the necessary hand tools. MPC’s fleet allows us the ability to be self-sufficient on most of our projects. However, should the need arise, we have accounts with the major equipment rentals in order to complete any project.

Project Methodology & Approach

6. References



6. REFERENCES

Client Information	Project/Scope	Dates of Construction	Description of work self-performed	Details of Project Value Engineering, Cost Savings, Innovative Solutions, Project Time Enhancement, Value Added Efforts, etc.	Constructon Cost / Estimated and Actual
John Sloss The Weitz Company, LLC 1200 Centrepark Blvd Suite 700 West Palm Beach, FL 33401 john.sloss@weitz.com Phone (561) 718-9829 Fax (305) 858-6934	The Standard Vanera Street/ replacement of approximately 600 LF of gravity sewer	February 2021	design, permitting, and execution of the replacement of approximately 600 LF of gravity sewer	The project required upsizing the line directly into to the main pump station with the line remaining in service at all times. The MPC Team designed and implemented a bypass plan that exceeded expectations. The bypass allowed the team to upsize the existing system to a larger main while maintaining sewer service.	\$612,750
Ian van Wallegghem Agave Ponce, LLC 2601 South Bayshore Drive, #250 Miami, FL ianvw@agaveponce.com Phone (305) 951-5280 Fax (305) 858-1589	The Plaza at Coral Gables/ upgrade existing gravity sewer utilities	March 2018	design, permitting, and execution of the pipe bursting 738 LF of 12", 976 LF of 15", and 66 LF of 18" gravity sewer line	The pipe bursting had size increase in excess of two pipe sizes. A key success of the project included the design and implementation of a bypass system that maintained existing flow while MPC upgraded the existing line via pipe bursting. This project was programmed as trenchless due to the minimal impact it had on the surrounding business, condos and community compared to traditional opencut.	\$1,418,446
Philip Parenteau Astor Companies Almeria Ave A Coral Gables, FL 33134 philip@astorcompanies.com (786) 623-2808 N/A	Merrick Manor Sanitary Sewer Ph II/ upsizing of the existing sanitary sewer system	January 2019	design, permitting and construction administration for the replacement and upsizing of 2,865 LF of gravity sewer via pipe bursting. Lines were upsized to 8, 10 and 15 inches in diameter.	The team worked with several developers who needed an upsizing of the existing sanitary sewer system to accommodate their upcoming developments in Merrick Manor. The scope included civil engineering services for the design, permitting and construction administration effort for the replacement and upsizing of just under +/- 1,265 LF of existing gravity sewer.	\$898,800

7. Price Proposal Form



7. PRICE PROPOSAL FORM



CITY OF FORT LAUDERDALE

PRICE PROPOSAL FORM

PROJECT NO. 12414

GRAVITY PIPE IMPROVEMENTS TO THE DOWNTOWN COLLECTION SYSTEM

BASE BID (PIPE BURSTING)

1. Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	\$ <u>300,000.00</u>
2. Project Record Documents	\$ <u>25,000.00</u>
3. Maintenance of Traffic (MOT)	\$ <u>85,000.00</u>
4. Pipe Burst Gravity Main 12-inch to 15-inch	\$ <u>456,500.00</u>
5. Pipe Burst Gravity Main 14-inch to 21-inch	\$ <u>463,400.00</u>
6. Pipe Burst Gravity Main 15-inch to 18-inch	\$ <u>299,750.00</u>
7. Remove and Replace Sanitary Sewer Laterals with Cleanouts	\$ <u>211,000.00</u>
8. Manhole Stabilization	\$ <u>35,000.00</u>
9. Manhole Rehabilitation	\$ <u>130,000.00</u>
10. Utility Conflict Structure at Sta. 7 + 85.0	\$ <u>19,750.00</u>
11. Utility Conflict Structure at Sta. 9 + 25.0	\$ <u>19,750.00</u>
12. Utility Conflict Structure at Sta. 9 + 66.4	\$ <u>19,750.00</u>
13. Utility Conflict Structure at Sta. 9 + 85.0	\$ <u>19,750.00</u>
14. Utility Conflict Structure at Sta. 14 + 77.0	\$ <u>19,750.00</u>
15. Utility Conflict Structure at Sta. 18 + 22.6	\$ <u>19,750.00</u>
16. Milling and Resurfacing of minimum of 1" of asphalt pavement within ROW limits including temporary and permanent (Thermoplastic) striping, RPMs, decorative asphalt paint, etc.	\$ <u>156,000.00</u>

17.	Full Roadway Reconstruction	\$ 105,000.00
18.	Bypass Pumping	\$ 100,000.00
19.	Pre and Post CCTV for the Gravity Sewer	\$ 45,000.00
20.	Permitting Allowance	\$ 50,000.00
21.	Utility Relocation Allowance	\$ 200,000.00
22.	Design Development	\$ 210,000.00
23.	Construction Administration	\$ 110,000.00

TOTAL BASE BID (PIPE BURSTING) – Design, Construction, and Permit Allowance Costs (proposed “Contract Price”). Also enter this figure in BidSync, Item Response Form, to indicate your total price.

Three Million One Hundred Thousand One Hundred Fifty Dollars and Zero Cents.

(IN WORDS)

\$ 3,100,150.00

(FIGURES)

ALTERNATE (OPEN CUT)

A.1	Mobilization /Demobilization, Bonds and Insurance (10% of Sum of Bid Items)	\$ 330,000.00
A.2	Project Record Documents	\$ 30,000.00
A.3	Maintenance of Traffic (MOT)	\$ 135,000.00
A.4	Furnish and Install 15” SDR 26 PVC Sanitary Sewer Main	\$ 538,670.00
A.5	Furnish and Install 21” SDR 26 PVC Sanitary Sewer Main	\$ 546,812.00
A.6	Furnish and Install 18” SDR 26 PVC Sanitary Sewer Main	\$ 353,705.00
A.7	Remove Existing 12” Sanitary Sewer Main	\$ 57,062.50
A.8	Remove Existing 14” Sanitary Sewer Main	\$ 57,925.00

A.9	Remove Existing 15" Sanitary Sewer Main	\$ 57,925.00
A.10	Remove and Replace Sanitary Sewer Laterals with Cleanouts	\$ 211,000.00
A.11	Manhole Stabilization	\$ 35,000.00
A.12	Manhole Rehabilitation	\$ 130,000.00
A.13	Utility Conflict Structure at Sta. 7 + 85.0	\$ 19,750.00
A.14	Utility Conflict Structure at Sta. 9 + 25.0	\$ 19,750.00
A.15	Utility Conflict Structure at Sta. 9 + 66.4	\$ 19,750.00
A.16	Utility Conflict Structure at Sta. 9 + 85.0	\$ 19,750.00
A.17	Utility Conflict Structure at Sta. 14 + 77.0	\$ 19,750.00
A.18	Utility Conflict Structure at Sta. 18 + 22.6	\$ 19,750.00
A.19	Full Roadway Reconstruction	\$ 245,000.00
A.20	Removal and Replacement of Concrete Curb, Gutter and/or Sidewalk	\$ 42,000.00
A.21	Remove and Replace Brick Paver, Stamped Concrete, and Specialty Driveway	\$ 78,000.00
A.22	Bypass Pumping	\$ 100,000.00
A.23	Pre and Post CCTV for the Gravity Sewer	\$ 45,000.00
A.24	Permitting Allowance	\$ 100,000.00
A.25	Utility Relocation Allowance	\$ 200,000.00
A.26	Design Development	\$ 270,000.00
A.27	Construction Administration	\$ 140,000.00

TOTAL ALTERNATE (OPEN CUT) – Design, Construction, and Permit Allowance Costs (proposed "Contract Price"). Also enter this figure in BidSync, Item Response Form, to indicate your total price.

Three Million, Eight Hundred Twenty One Thousand, Five Hundred and Ninety Nine Dollars and Fifty Cents
(IN WORDS)

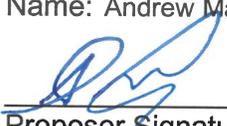
\$ 3,821,599.50
(FIGURES)

1. The prices listed in the Price Proposal Form shall include the total cost to complete the Work including but not limited to materials, labor, equipment, profit, bonds, insurances, etc., as necessary to ensure proper execution of the design-build services and product requested by the City of Fort Lauderdale. Any pricing, quantities, costs or services that are not listed above, and are known to be required, must be added by the Proposer and listed on a separate sheet and included in the total.

2. I hereby certify that I am authorized to act on behalf of the firm, individual, partnership, corporation or association making this proposal and that all statements made in this document are true and correct to the best of my knowledge. I agree to hold this proposal open for a period of two hundred and seventy (270) days from the deadline for receipt of proposals.

3. I understand and agree to be bound by the conditions contained in the Request for Proposal and shall conform with all requirements of the Request for Proposal.

Murphy Pipeline Contractors, LLC.

<u>Name: Andrew Mayer (Please Print)</u>		
	President	10/7/21
<u>Proposer Signature</u>	<u>Title:</u>	<u>Date:</u>

8. Contract Forms



8. FORMS

10/6/21, 3:51 PM

DPX Form

Supplier Response Form

CONSTRUCTION BID 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) Murphy Pipeline Contractors, LLC *

Address: 12235 New Berlin Rd *

City: Jacksonville * State: FL * Zip: 32226 *

Telephone No.: 9047646887 * FAX No.: 9043796193 * Email: taylorm@teamipr.com *

Check box if your firm qualifies for MBE / SBE / WBE:

If a corporation, state the name of the President, Secretary and Resident Agent. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.

Taylor Lewis Morris	Secretary	Andrew Mayer	President
*	*		
Name	Title	Name	Title
Name	Title	Name	Title

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

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	* 06/01/2021	3	09/20/2021		
2	* 09/13/2021	4	09/30/2021		

VARIANCES: If you take exception or have variances to any term, condition, specification, or requirement in this bid you must specify such variance in the space provided below or reference in the space provided below all variances contained on other pages within your bid. Additional pages may be attached if necessary. No variances will be deemed to be part of the bid 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 affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall the City's liability for bidder'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:

Taylor Morris	*	Taylor Morris	*
Name (printed)		Signature	
09/28/21	*	Secretary	*
Date		Title	

10/6/21, 3:51 PM

DPX Form

Revised 4/28/2020

<https://www.bidsync.com/dpx/DPXLogin>

2/3

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DPX Form

Please enter your password below and click Save to update your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **whitedove1233**

Password *

* Required fields

9/28/21, 3:14 PM

DPX Form

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>
Murphy Pipeline Contractors, LLC.	None

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.

Taylor Morris Authorized Signature	Secretary Title
Taylor Morris Name (Printed)	9/28/21 Date

9/28/21, 3:14 PM

DPX Form

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Password *

* Required fields

9/28/21, 3:14 PM

DPX Form

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

Murphy Pipeline Contractors, LLC *
Company Name

Taylor Morris *
Name (Printed)

Taylor Morris *
Signature

9/28/21 *
Date

Secretary *
Title

https://www.bidsync.com/DPXViewer/Contract_Payment_Method.P-Card_Form_06-27-19_7910644.htm?ac=supresponse&auc=2072282&docid=791... 1/2

9/28/21, 3:14 PM

DPX Form

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Password *

* Required fields

https://www.bidsync.com/DPXViewer/Contract_Payment_Method.P-Card_Form_06-27-19_7910644.htm?ac=supresponse&auc=2072282&docid=791... 2/2

Certificate of Insurance

Please see Section 2 and page 2-9 for our certificate of insurance.

9/28/21, 3:14 PM

DPX Form

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.

Taylor Morris
Authorized Signature

*

Taylor Morris, Secretary
Print Name and Title

*

9/28/21
Date

*

9/28/21, 3:14 PM

DPX Form

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Username **whitedove1233**

Password

*

* Required fields

9/28/21, 3:13 PM

DPX Form

Supplier Response Form

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. Trench Boxes *	LF *	400. *	\$ 5.00 *	\$ 2,000.0 *
B.			\$	\$
C.			\$	\$
D.			\$	\$

Total: \$ 2,000.00 *

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE: 9/28/21

Taylor Morris (SIGNATURE)

STATE OF: Florida

COUNTY OF: Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Taylor Morris (Name of Individual Signing)

Taylor Morris who, after first being duly sworn by me, affixed his/her signature in the space provided above on this 28 day of September, 20 21.

Susan Pitts NOTARY PUBLIC

My Commission Expires: 04/07/2025

9/28/21, 3:13 PM

DPX Form

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Password

*

* Required fields

9/28/21, 3:15 PM

DPX Form

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 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' residence 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 preference.

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: <https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

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. The term "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.
- 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 a 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. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.
- 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 A, Class B, or Class C 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.

https://www.bidsync.com/DPXViewer/Disadvantaged_Business_Enterprise_Preference_Certification.04-01-2021_8946123.htm?ac=supresponse&auc... 1/3

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the disadvantaged business enterprise price 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) (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. The term "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.
- (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 a 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. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.
- (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 A, Class B, or Class C 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) Murphy Pipeline Contractors, LLC. (Business Name) is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

BIDDER'S COMPANY: Murphy Pipeline Contractors, LLC

AUTHORIZED COMPANY PERSON:	<input type="text"/> Taylor Morris	<input type="text"/> Taylor Morris	<input type="text"/> 09/28/2021
	PRINT NAME	SIGNATURE	DATE

Forms Non-ISO 03/17/2021

9/28/21, 3:15 PM

DPX Form

Please enter your password below and click Save to update your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **whitedove1233**

Password *

* Required fields

https://www.bidsync.com/DPXViewer/Disadvantaged_Business_Enterprise_Preference_Certification.04-01-2021_8946123.htm?ac=supresponse&auc... 3/3

Acknowledgement of Addenda

Please refer to the bid Certification Form on page 8-1 of this section for acknowledgement of the four addenda to date.

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:
(Name, legal status and address)

Murphy Pipeline Contractors, LLC
12235 New Berlin Rd
Jacksonville, FL 32226

SURETY:
(Name, legal status and principal place of business)

Everest Reinsurance Company
P.O. Box 830
Liberty Corner, NJ 07938-0830
Mailing Address for Notices

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:
(Name, legal status and address)

City of Fort Lauderdale
100 N Andrews Ave
Fort Lauderdale, FL 33301

BOND AMOUNT: 5% Five Percent of Amount Bid

PROJECT:
(Name, location or address, and Project number, if any)

RFP No. 12476-115, Gravity Pipe Improvements to the downtown Collection System

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 6th day of October, 2020.



(Witness)

Murphy Pipeline Contractors, LLC
(Principal) _____ *(Seal)*

By: 

(Title)



(Witness)

Everest Reinsurance Company
(Surety) _____ *(Seal)*

By: 

(Title) Victoria P. Parkerson, Attorney-in-Fact



S-0054/AS 8/10



POWER OF ATTORNEY
EVEREST REINSURANCE COMPANY
DELAWARE

KNOW ALL PERSONS BY THESE PRESENTS: That Everest Reinsurance Company, a corporation of the State of Delaware ("Company") having its principal office located at 477 Martinsville Road, Liberty Corner, New Jersey 07938, do hereby nominate, constitute, and appoint:

Russell M. Canterbury, Jessica L. Piccirillo, Steven E. Susanin, Woodrow M. Baird, Diane Moraski, Victoria P. Parkerson, Adam Martin, Kathleen M. Flanagan, Richard A. Leveroni

its true and lawful Attorney(s)-in-fact to make, execute, attest, seal and deliver for and on its behalf, as surety, and as its act and deed, where required, any and all bonds and undertakings in the nature thereof, for the penal sum of no one of which is in any event to exceed UNLIMITED, reserving for itself the full power of substitution and revocation.

Such bonds and undertakings, when duly executed by the aforesaid Attorney(s)-in-fact shall be binding upon the Company as fully and to the same extent as if such bonds and undertakings were signed by the President and Secretary of the Company and sealed with its corporate seal.

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Board of Directors of Company ("Board") on the 28th day of July 2016:

RESOLVED, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby appointed by the Board as authorized to make, execute, seal and deliver for and on behalf of the Company, any and all bonds, undertakings, contracts or obligations in surety or co-surety with others and that the Secretary or any Assistant Secretary of the Company be and that each of them hereby is authorized to attest to the execution of any such bonds, undertakings, contracts or obligations in surety or co-surety and attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the President, any Executive Vice President, and any Senior Vice President and Anthony Romano are hereby authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute, on behalf of the Company, bonds and undertakings in surety or co-surety with others, and that the Secretary or any Assistant Secretary of the Company be, and that each of them is hereby authorized to attest the execution of any such power of attorney, and to attach thereto the corporate seal of the Company.

RESOLVED, FURTHER, that the signature of such officers named in the preceding resolutions and the corporate seal of the Company may be affixed to such powers of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be thereafter valid and binding upon the Company with respect to any bond, undertaking, contract or obligation in surety or co-surety with others to which it is attached.

IN WITNESS WHEREOF, Everest Reinsurance Company has caused their corporate seals to be affixed hereto, and these presents to be signed by their duly authorized officers this 28th day of July 2016.



Nichase

Attest: Nicole Chase, Assistant Secretary

Everest Reinsurance Company

A. Romano

By: Anthony Romano, Vice President

On this 28th day of July 2016, before me personally came Anthony Romano, known to me, who, being duly sworn, did execute the above instrument; that he knows the seal of said Company; that the seal affixed to the aforesaid instrument is such corporate seal and was affixed thereto; and that he executed said instrument by like order.

LINDA ROBINS
Notary Public, State of New York
No 01R06239736
Qualified in Queens County
Term Expires April 25, 2023

Linda Robins

Linda Robins, Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the Liberty Corner, this 6th day of October 2021.

ES 00 01 04 16

8/31/2021

Surety 2000 Bid Bond Manager



Bond Number: SFL21376179

Contractor Information

Principal: Murphy Pipeline Contractors, LLC

Address: 12235 New Berlin Rd Jacksonville Florida 32226 United States

Owner/Obligee Information

Bond Form: Bid Bond in accordance with Contract Specifications

Owner/Obligee: City of Fort Lauderdale

Address: 100 North Andrews Ave Fort Lauderdale Florida 33301 United States

Bond Information

Surety: Everest Reinsurance Company

Bid Date: 9/7/2021

Estimated Contract Price:

Time For Completion:

Liquidated Damages:

Estimated Work On Hand:

Amount of Bid Security: Five Percent of Amount Bid

Contract # or IFB #: 12476-115

Description of Job: Gravity Pipe Improvements to the downtown Collection System

Job Breakdown:

Electronic Bidding Information

Bid Security Percentage: 5

Bid Security Maximum:

Owner Assigned Contractor Number:3736716860

Primary Agency:

Alliant Insurance Services, Inc.

Power of Attorney Limited to: Unlimited

Executed

Entered By: Victoria P. Parkerson - 8/31/2021 9:37:19 AM ET

Approved & Executed By:

Victoria P. Parkerson

Victoria P. Parkerson (Signed: 31-Aug-2021 09:37 AM EDT (UTC-04:00))

[Signature Information](#)

Know all men by these presents that Everest Reinsurance Company, a Corporation duly organized under the laws of the State of Delaware, are held and firmly bound unto the above owner/obligee by this transmission. The surety agrees to waive the Statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 1/2

8/31/2021

Surety 2000 Bid Bond Manager



Document ID: [S2000-1001116210](#)

<https://pronto.surety2000.com/prontosvr2/GetDocument.asp?q=100091405910011162101001323523&dat=48A1B5B547A94CC14CEDC1822787B57...> 2/2

9/28/21, 3:17 PM

DPX Form

Supplier Response FormCITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm:	MURPHY PIPELINE CONTRACTORS, INC	*
Address of Firm:	5400 S. University Drive, Suite 301, Dav	*
Telephone Number:	954-254/7898	*
Name of Person Completing Form:	Taylor Lewis Morris	*
Title:	Secretary	*
Signature:	Taylor Morris	*
Date:	9/28/21	*
City Project Number:	12476-115	*
City Project Description:	Bid #12476-115 - Design Build - Gravity	*

Please check the item(s) which properly identify the status of your firm:

- Our firm is not a MBE or WBE.
- Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
- American Indian Asian Black Hispanic
- Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
- American Indian Asian Black Hispanic

MBE/WBE CONTRACTOR INFORMATION

https://www.bidsync.com/DPXViewer/CITB_Prime_Contractor_Identification27_Jun_2014.htm?ac=supresponse&auc=2072282&docid=7507056

1/3

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

- List Previous City of Fort Lauderdale Contracts

Project No. P12319, P10850, P11901, P12391, P12390, P12566, P12180,

*

- Number of Employees in your firm 85 *
- Percent (3.4 * %) Women
- Percent (65 * %) Minorities
- Job Classifications of Women and Minorities

Managers, Administrative, Operators, Laborers

*

- Use of minority and/or women subcontractors on past projects.

We have used minorities and / or women owned subcontractors on the majority of our projects such as our paver and concrete subcontractor, paving

*

- Nature of the work subcontracted to minority and/or women-owned firms.

Asphalt
Trucking
DOT Base Materials
Concrete

*

- How are subcontractors notified of available opportunities with your firm?

Emails, phone calls, sometimes advertisements.

*

- Anticipated amount to be subcontracted on this project.

To be determined.

*

9/28/21, 3:17 PM

DPX Form

Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.

This is an unknown at this time since schedule will dictate anticipated paving, trucking, concrete and landscape subcontractors. However, several *

Please enter your password below and click Save to update your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

To take exception:

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

Username **whitedove1233**

Password *

* Required fields



Corporate Office

12235 New Berlin Road
Jacksonville FL 32226
+1 (904) 764-6887

Regional Offices

South Florida Office

5400 S. University Drive, Suite #101
Davie, Florida, 33328
Telephone: +1 (954) 842-4771
Mobile : +1 (305) 776-8181

Feasibility Support Office

P.O. Box 14366 Milwaukee WI 53214
Telephone: +1 (414) 321-2247
Mobile: +1 (414) 687-2145



Corporate Office

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

Regional Offices

Miami

2103 Coral Way, Suite 401
Miami, FL 33145
Telephone: +1 (786) 497-1500

West Palm Beach

500 Australian Ave. South, Suite 850
West Palm Beach, FL 33401
Telephone: +1 (561) 746-6900

Orlando (Maitland)

341 North Maitland Ave., Suite 346
Maitland, FL 32751
Telephone: +1 (407) 536-7970

Jacksonville

3970 Hendricks Avenue
Jacksonville, FL 32207
Telephone: +1 (904) 398-8636

Project Offices

Gainesville

2233 Northwest 41st Street, Suite 400
Gainesville, FL 32606
Telephone: +1 (352) 374-1997

Tampa

401 East Jackson Street, Suite 2340
(SunTrust Financial Center)
Tampa, FL 33602
Telephone: +1 (813) 345-5965

Sarasota

2520 North Tamiami Trail, Suite 15
Nokomis, FL 34275
Telephone: +1 (941) 529-1907

TRENCH SAFETY

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. Trench Boxes	LF	400.	\$5.00	\$2,000.00
B.			\$	\$
C.			\$	\$
D.			\$	\$

Total: **\$2,000.00**

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE: **9/28/21**

Taylor Morris
(SIGNATURE)

STATE OF: **Florida**COUNTY OF: **Broward**

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Taylor Morris
(Name of Individual Signing)

Taylor Morriswho, after first being duly sworn by me,
Taylor Morrisaffixed his/her signature in the space provided above on this **28**day of **September**, 2021.

Susan Pitts
NOTARY PUBLIC

My Commission Expires: **04/07/2025**

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>
Murphy Pipeline Contractors, LLC.	None

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.

<p>Taylor Morris Authorized Signature</p>	<p>Secretary Title</p>
<p>Taylor Morris Name (Printed)</p>	<p>9/28/21 Date</p>

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm: **MURPHY PIPELINE CONTRACTORS, INC**

Address of Firm: **5400 S. University Drive, Suite 301, Davie, FL 33328**

Telephone Number: **954-254/7898**

Name of Person Completing Form: **Taylor Lewis Morris**

Title: **Secretary**

Signature: **Taylor Morris**

Date: **9/28/21**

City Project Number: **12476-115**

City Project Description: **Bid #12476-115 - Design Build - Gravity Pipe Improvements to the Downtown Collection System**

Please check the item(s) which properly identify the status of your firm:

- Our firm is not a MBE or WBE.
- Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
- American Indian Asian Black Hispanic
- Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
- American Indian Asian Black Hispanic

MBE/WBE CONTRACTOR INFORMATION

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

CONTRACTOR CHECKLIST

- List Previous City of Fort Lauderdale Contracts
Project No. P12319, P10850, P11901, P12391, P12390, P12566, P12180,
- Number of Employees in your firm **85**
 --Percent (**3.4%**) Women
 --Percent (**65%**) Minorities
 --Job Classifications of Women and Minorities
Managers, Administrative, Operators, Laborers
- Use of minority and/or women subcontractors on past projects.
We have used minorities and / or women owned subcontractors on the majority of our projects such as our paver and concrete subcontractor, paving subcontractors, etc.
- Nature of the work subcontracted to minority and/or women-owned firms.
Asphalt
Trucking
DOT Base Materials
Concrete
- How are subcontractors notified of available opportunities with your firm?
Emails, phone calls, sometimes advertisements.
- Anticipated amount to be subcontracted on this project.
To be determined.
- Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.
This is an unknown at this time since schedule will dictate anticipated paving, trucking, concrete and landscape subcontractors. However, several were quoted for this bid.

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

Murphy Pipeline Contractors, LLC

Company Name

Taylor Morris
Name (Printed)

9/28/21
Date

Taylor Morris
Signature

Secretary
Title

**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.

Taylor Morris
Authorized Signature

Taylor Morris, Secretary
Print Name and Title

9/28/21
Date

E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: **12476-115**

Project Description: **Approx 2,000LF pipe bursting 12-16". plus all appurtenances and fittings.**

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: **Murphy Pipeline Contractors, LLC**

Authorized Company Person's Signature: **Taylor Lewis Morris**

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

Date: **9/28/21**

9/15/2020

CONSTRUCTION BID 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) **Murphy Pipeline Contractors, LLC**

Address: **12235 New Berlin Rd**

City: **Jacksonville** State: **FL** Zip: **32226**

Telephone No.: **9047646887** FAX No.: **9043796193** Email: **taylorm@teamipr.com**

Check box if your firm qualifies for MBE / SBE / WBE:

If a corporation, state the name of the President, Secretary and Resident Agent. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.

Taylor Lewis Morris	Secretary	Andrew Mayer	President
Name	Title	Name	Title
Name	Title	Name	Title

ADDENDUM ACKNOWLEDGEMENT - Bidder 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	06/01/2021	3	09/20/2021	5	10/7/21
2	09/13/2021	4	9/30/21		

VARIANCES: If you take exception or have variances to any term, condition, specification, or requirement in this bid you must specify such variance in the space provided below or reference in the space provided below all variances contained on other pages within your bid. Additional pages may be attached if necessary. No variances will be deemed to be part of the bid 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 affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall

the City's liability for bidder'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:

Taylor Morris
Name (printed)

Taylor Morris
Signature

10/7/21
Date

Secretary
Title

Revised 4/28/2020



DISADVANTAGED BUSINESS ENTERPRISE (DBE) PREFERENCE

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

THE COMPLETE DBE PREFERENCE ORDINANCE MAY BE FOUND ON THE CITY'S WEB SITE AT THE FOLLOWING LINK: <https://www.fortlauderdale.gov/home/showpublisheddocument?id=56883>

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. The term "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.
- 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 a 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. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.
- 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

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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 A, Class B, or Class C 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 price 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) (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. The term "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.

(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 a 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. The term "Class D business" shall mean any business that does not qualify as a Class A, Class B, or Class C business.

(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 A, Class B, or Class C 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) **Murphy Pipeline Contractors, LLC.**
(Business Name) is not considered a Disadvantaged Enterprise Business as defined in the City of Fort Lauderdale Ordinance Sec.2-185 and does not qualify for DBE Preference consideration.

BIDDER'S COMPANY: **Murphy Pipeline Contractors, LLC**

AUTHORIZED PERSON:	COMPANY	Taylor Morris	Taylor Morris	09/28/2021
		PRINT NAME	SIGNATURE	DATE

Forms Non-ISO 03/17/2021