

The Miami-Dade Water and Sewer Department Invites you to our

CONSTRUCTION INDUSTRY MEETING

Date: March 9, 2023 | **Time:** 10 a.m. | **Location:** Hybrid - details to follow



The Miami-Dade County Water and Sewer Department is hosting its second quarterly Construction Industry Meeting for 2023 and all interested Contractors are encouraged to attend. Contractors will learn more about currently advertised and upcoming construction projects to be advertised within the next 3 months.

Projects to be discussed include sewer pump station upgrades, water and sewer pipelines, wastewater and water treatment plant improvements, and other miscellaneous work.

Please RSVP as soon as possible for a limited in-person spot or to attend virtually.

RSVP to join us in-person

RSVP to join us virtually

If you have questions about this meeting, you may reach us at:
wasd-cip@miamidade.gov



Join our Industry Forum Subscription list for information
about upcoming meetings

Subscribe



Miami-Dade County Water and Sewer Department
Utility Construction Division



CONSTRUCTION INDUSTRY MEETING

March 9, 2023

AGENDA

- 01 Introduction
- 02 Construction Contract Information
- 03 Pump Station Projects
- 04 Pipeline Projects
- 05 Wastewater Treatment Plant Projects
- 06 Water Treatment Plant Projects
- 07 Question and Answer Session



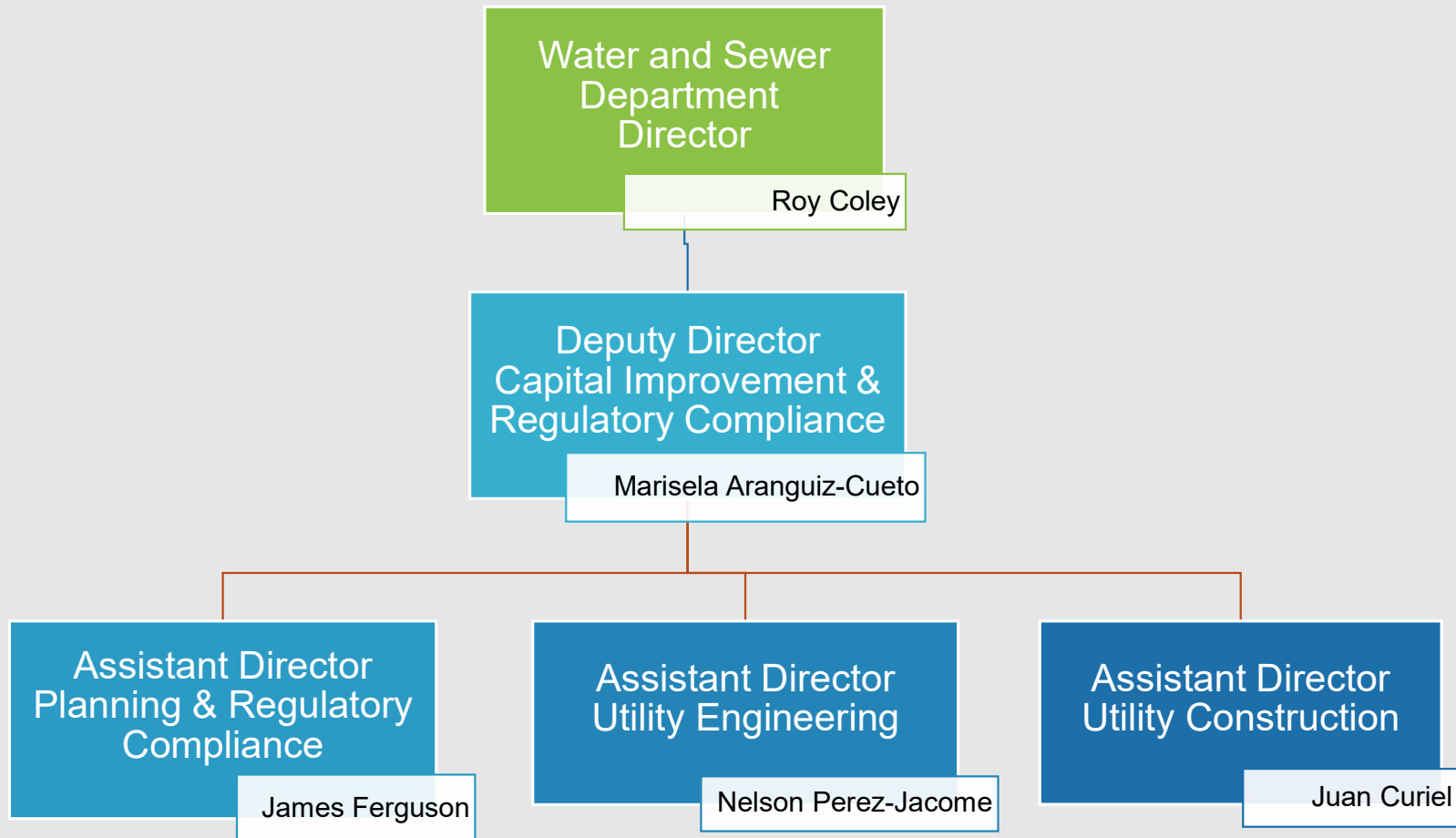


INTRODUCTION

Meeting Purpose and Team



CAPITAL IMPROVEMENT ORGANIZATIONAL CHART



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PURPOSE OF CONSTRUCTION INDUSTRY MEETINGS

01

Communicate upcoming project procurements with the construction industry.

02

Foster an early understanding of upcoming project scopes in order to facilitate an efficient bidding process.

03

Solicit pre-announcement feedback from industry representatives to clarify scope and execution questions prior to the announcement.

04

Inform the local community of future work so they can establish potential teaming relationship to deliver work.

FUTURE CONSTRUCTION INDUSTRY MEETINGS

Meetings will be held on a quarterly basis for all Contractors

Next meeting is on **June 8, 2023**; will include an overview of projects to be advertised in the next quarter

A list of construction projects will be posted on the WASD website, and a recording of this meeting will be shared

Please feel free to provide us with your feedback



**Use the QR Code to register
for the next Construction
Industry Meeting**



CONSTRUCTION CONTRACT INFORMATION



Construction Contracts

Trenchless

- Pool for New Installation of Trenchless Pipeline
- Pool for Rehabilitation of Trenchless Pipeline

Emergency Pool

- Large Transmission Mains
- Carbon Fiber
- Cured-In-Place
- Pipeline Installation and/or Repairs of Small Diameter Mains
- Digester Cover Removal and/or Misc. Demo

Miscellaneous Construction Contract 7040

- Small Businesses
- Local office
- Local Business Tax Receipt
- Qualifier – Minimum 10% Ownership

Miscellaneous Construction Contract 7360

- Open to all contractors
- To be considered must respond to RTQ
- Must be registered as a vendor before award

Total Contracts Awarded – 11/17/20 through 02/28/23

Type	Amount Awarded
MCC 7040	\$51.8M
MCC 7360	\$27.3M
Projects > \$5M	\$765.9M



TOTAL CONTRACTS AWARDED: \$845M
TOTAL AWARDED TO SMALL BUSINESS: \$81.8M

Miscellaneous Construction Contract Program

Purpose: Enhance Construction Contracting Opportunities for Small Business Enterprises

MCC 7040 Plan

- ✓ 100% small business set aside
- ✓ Pre-qualified rotational pool (Rotational Factor by license)
- ✓ **Bidding by invitation only**
- ✓ Contract numbers listed start with “T” (i.e. Contract T-1234)

MCC 7360 Plan

- ✓ Open and Competitive
- ✓ Must be pre-qualified at time of award
- ✓ Contract numbers listed start with “P” (i.e. Contract P-1234)

Managed by Miami-Dade Small Business Division – Internal Services Department

Laurie Johnson: (305) 375-3121 or laurie.johnson@miamidade.gov

WASD Small Business Contacts: Margaret Moss or Donna Palmer

WASDSMALLBUSINESS@miamidade.gov



PUMP STATION PROJECTS



SUMMARY UPCOMING PUMP STATION UPGRADES

- T-16207 Pump Station 418 Sump Pump and Bathroom Line, **\$0.1M+**
- T-16216 Pump Station 695 Conversion to Submersible **\$0.9M+**
- S-16120 Hazard Mitigation Grant Program Pump Station 1 Hardening, **\$7.4M+**
- S-16030 Upgrade Booster Station Pump Station 300, **\$23.7M+**



T-16207 Pump Station 418 Sump Pump and Bathroom Line

Estimated Construction Cost: \$0.1M

Location: 3330 W 76th St, Hialeah, FL 33018

Scope: Install grinder pump to remove bathroom sewer and sump pump waste from pump station

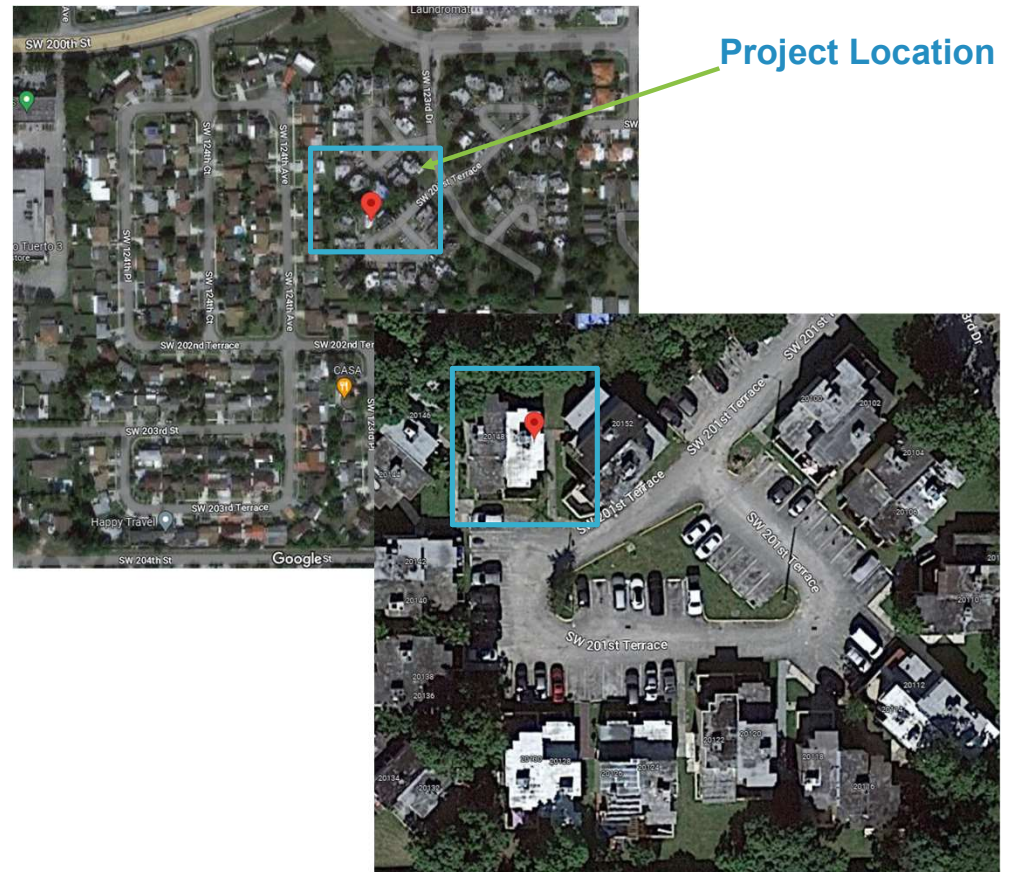


T-16216 Pump Station 695 Conversion to Submersible

Estimated Construction Cost: \$0.9M

Location: 20150 SW 123rd Dr, Miami, FL 33177

Scope: Upgrade pump station and install a 6-inch diameter force main, including excavation, demolition and modification work while providing uninterrupted by-pass pumping capabilities during construction



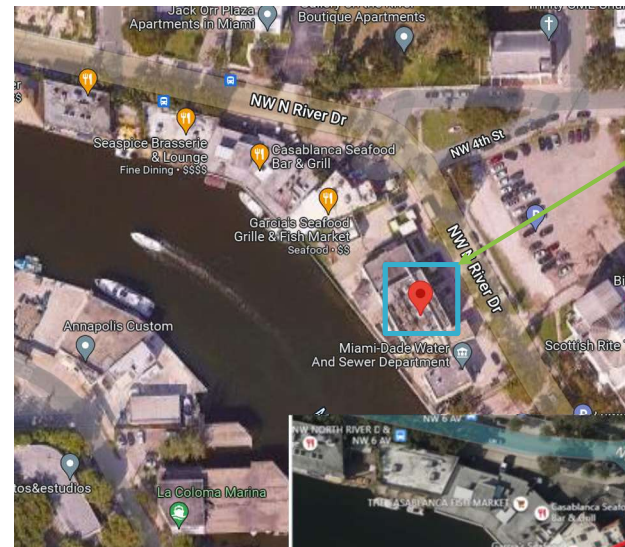
S-16120 Hazard Mitigation Grant Program Pump Station 1 Hardening

Estimated Construction Cost: \$7.4M

Location: 390 NW River Dr, Miami, FL 33128

Scope:

- Install flood barriers
- Upgrade impact windows and doors
- Improve HVAC
- Install floodproof louvers
- Reinforce for wind loading
- Discharge valve redundancy
- Upgrade clutch to hydraulic
- Improve SCADA system
- Improve seawall



Project Location



S-16030 Upgrade Booster Station Pump Station 300

Estimated Construction Cost: \$23.7M

Location: 12700 NW 30th Ave, Opa Locka, FL 33173

Scope:

- Site preparation, demolition and bypass
- Build new electrical and HVAC room
- Refurbish existing building
 - Pump/operating room
 - Convert electrical room to control room
- Upgrade existing generators
- Site-work





PIPELINE PROJECTS



SUMMARY UPCOMING PIPELINE PROJECTS

- T-16076 Furnish and Install 8-Inch Ductile Iron Water Main, **\$1 M+**
- T-14866 Replace 6350 Linear Feet of 10-Inch Asbestos Cement Force Main, **\$1.7M+**
- S-985 Green Technology Corridor Wastewater Collection, Transmission and Water Distribution System Expansion for S-2 Basin Phase 2, **\$5.5M+**
- Asphalt Projects Information
- Sidewalk Projects Information

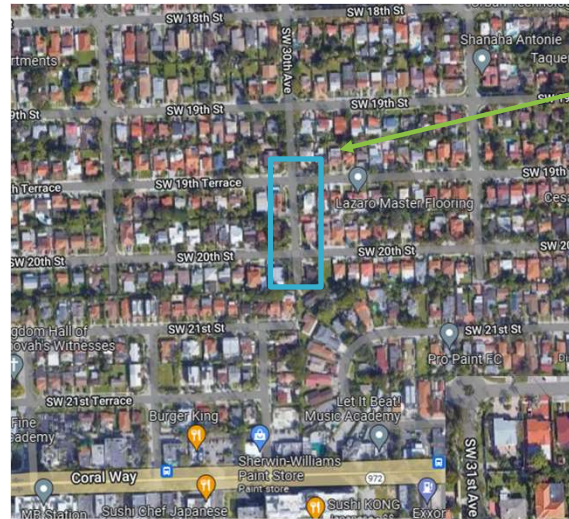


T-16076 Furnish and Install 8-Inch Ductile Iron Water Main

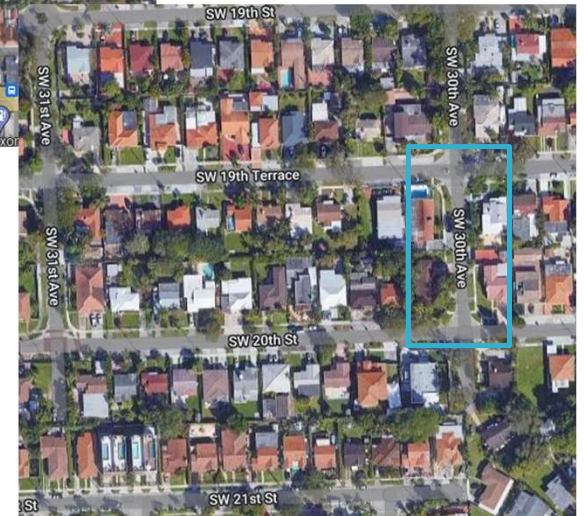
Estimated Construction Cost: \$1M

Location: SW 20th St and SW 19th Ter
Between SW 30th Ave

Scope: Furnish and install 2,720 linear feet of 8-inch zinc-coated ductile iron water main and 56 linear feet of 6-inch zinc-coated ductile iron water main



Project Location

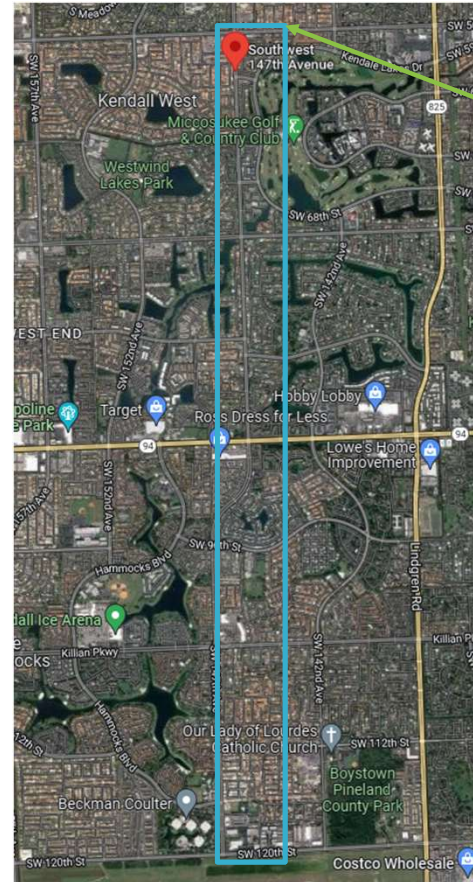


T-14866 Replace 6,350 Linear Feet of 10-Inch Asbestos Cement Force Main

Estimated Construction Cost: \$1.7M

Location: Various locations on SW 147th Ave

Scope: Furnish and install 6,350 linear feet of 12-inch ductile iron pipe and fitting for sewage force main



Project Location

S-985 Green Tech Corridor Wastewater Collection Transmission and Water Distribution System Expansion for S-2 Basin Phase 2

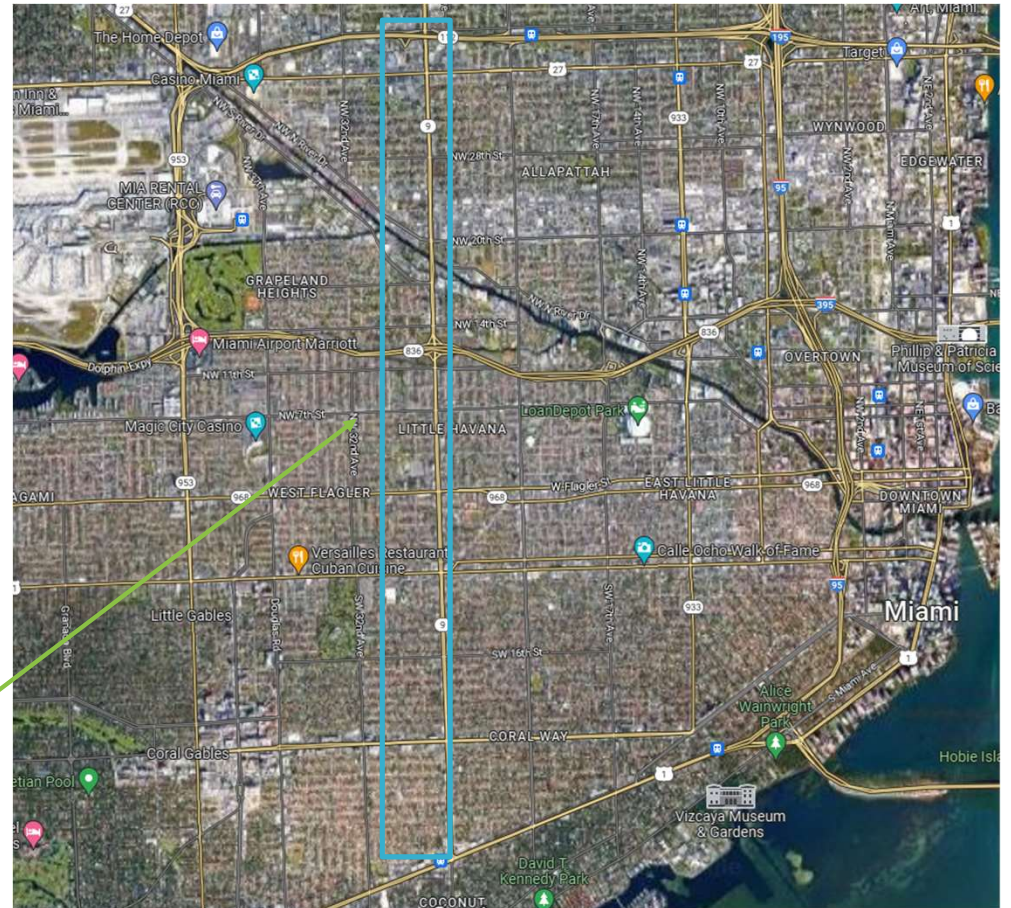
Estimated Construction Cost: \$5.3M

Location: West side of NW 27th Ave

Scope: Furnish and install 2,500 linear feet of water main, 5,882 linear feet of gravity sewer, and 1,379 linear feet of force main

Under the Cone of Silence

Project Location



Asphalt Projects Information

Opportunities for small business:

- Asphalt only contract
- Other larger projects (i.e. Connect2Protect)
- 2,000 paving restoration jobs generated a year
- Project sizes from 200 square feet to several blocks

Upcoming contracts to include:

- Daytime work and no road striping
- FDOT and main street restorations must be performed at night



Sidewalk Projects Information

Opportunities for small business:

- Concrete only contracts
- Work sites grouped together
- Amount of work orders based on production rate of completed work

Upcoming contracts to include:

- Demolition and debris removal
- Backfilling and reinforcement
- Furnish all materials, labor and equipment necessary for restoration construction of sidewalks, curbs and gutters





WASTEWATER TREATMENT PLANT IMPROVEMENTS



NORTH AND SOUTH DISTRICT PROJECTS



SUMMARY UPCOMING WASTEWATER TREATMENT PLANT PROJECTS

- T-16271 South District WWTP: Air Compressor Installation, **\$0.6M+**
- W-15784 South District WWTP: Polymer and Main Switchgear Buildings HVAC, **\$5.1M+**
- T-2797R North District WWTP: Chlorination and Switchgear Buildings Re-roofing, **\$10.4M+**
- S-939 North District WWTP: Effluent Pump Station Electrical Building Improvements, **\$33.8M+**

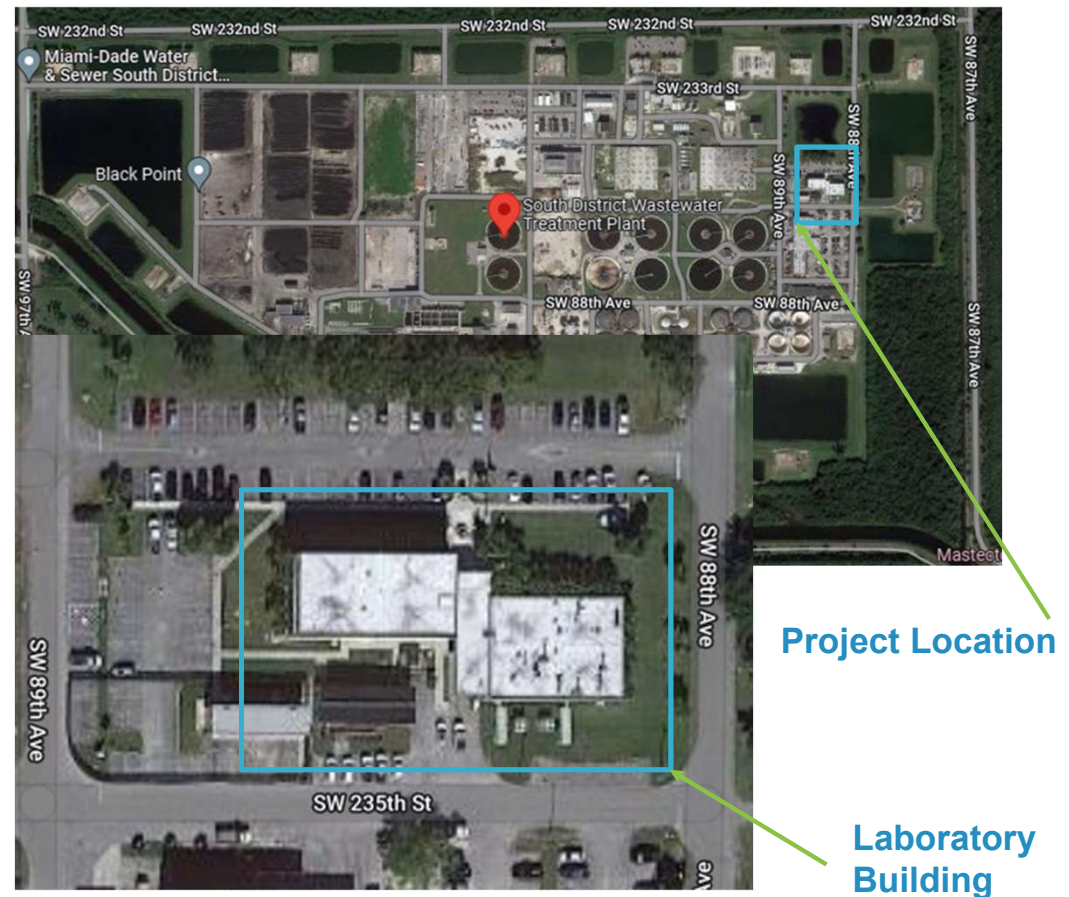


T-16271 South District WWTP: Air Compressor Installation

Estimated Construction Cost: \$0.6M

Location: 8950 SW 232nd St, Miami, FL 33190

Scope: Install lab exhaust hood, ventilation fan and detached structure to house an air compressor

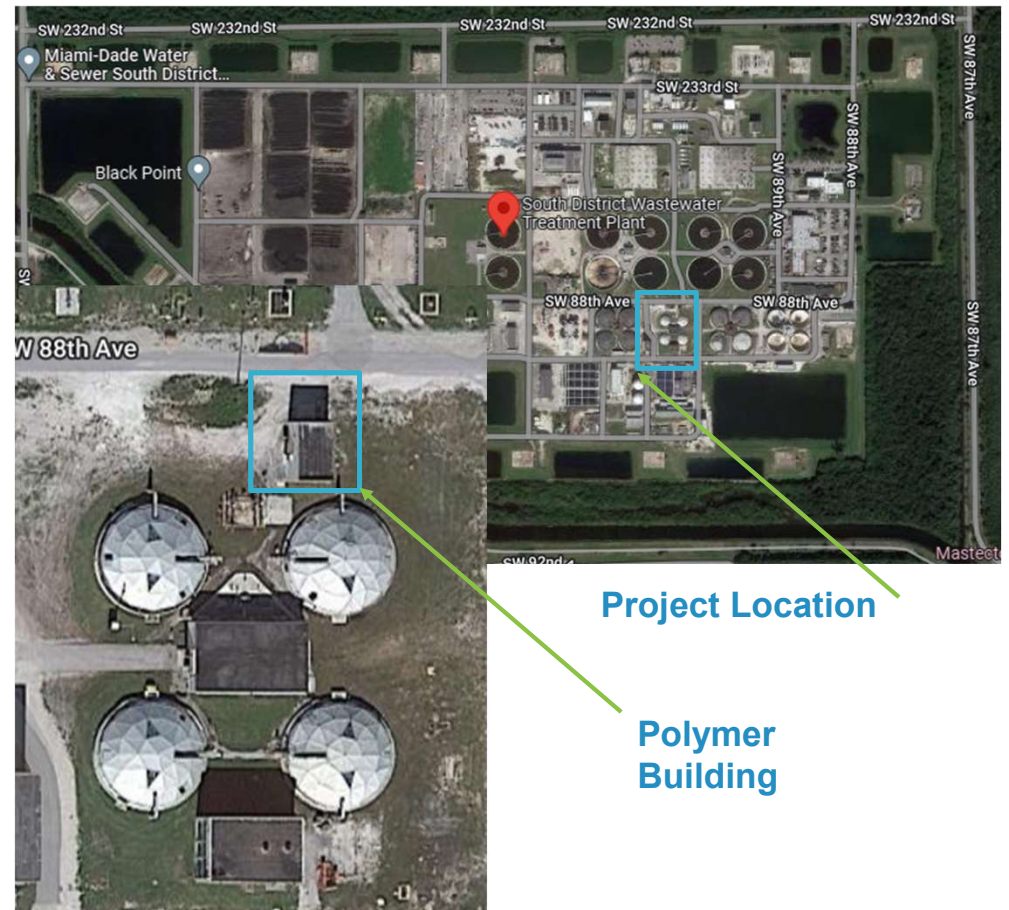


W-15784 South District WWTP: Polymer and Main Switchgear Building HVAC

Estimated Construction Cost: \$5.1M

Location: 8950 SW 232nd St, Miami, FL 33190

Scope: Install new HVAC system for Polymer and Electrical Switchgear Building No. 2



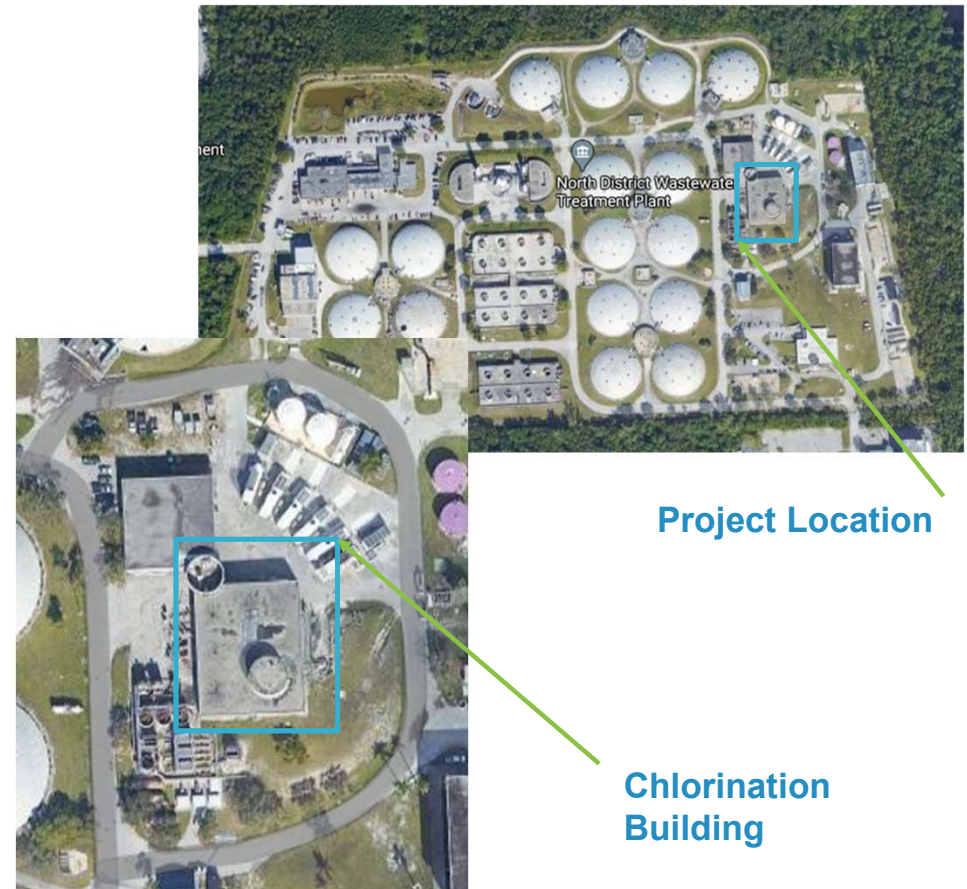
T-2797R North District WWTP: Chlorination and Switchgear Buildings Re-roofing

Estimated Construction Cost: \$10.4M

Location: 2575 NE 156th St, North Miami Beach, FL 33160

Scope: Replace 26,947 square feet of roof at the Chlorination and Electrical Switchgear Buildings

- Remove and dispose of existing roof
- Clean all concrete deck of debris
- Verify surfaces are clean, smooth and free of abnormalities
- Remove existing lightweight concrete



S-939 North District WWTP: Effluent Pump Station Electrical Building Improvements

Estimated Construction Cost: \$33.8M

Location: 2575 NE 156th St, North Miami Beach, FL 33160

Scope: Furnish all materials, labor and equipment to construct a new Electrical Building for the Effluent Pump Station

- Partial demolition
- Construct new electrical annex building
- Replace instrumentation and controls connecting to new annex building
- Construct new HVAC cooling tower and electrical equipment

Project Location



New Building Location





WATER TREATMENT PLANT IMPROVEMENTS



ALEXANDER ORR PROJECTS



SUMMARY UPCOMING WATER TREATMENT PLANT PROJECTS

- W-945 Alexander Orr: Replace Lime Slakers, **\$16.6M+**
- W-951 Alexander Orr: High Service Pump and Motor Improvements West Room Electrical Upgrades – Variable Frequency Drives, **\$13.9M+**



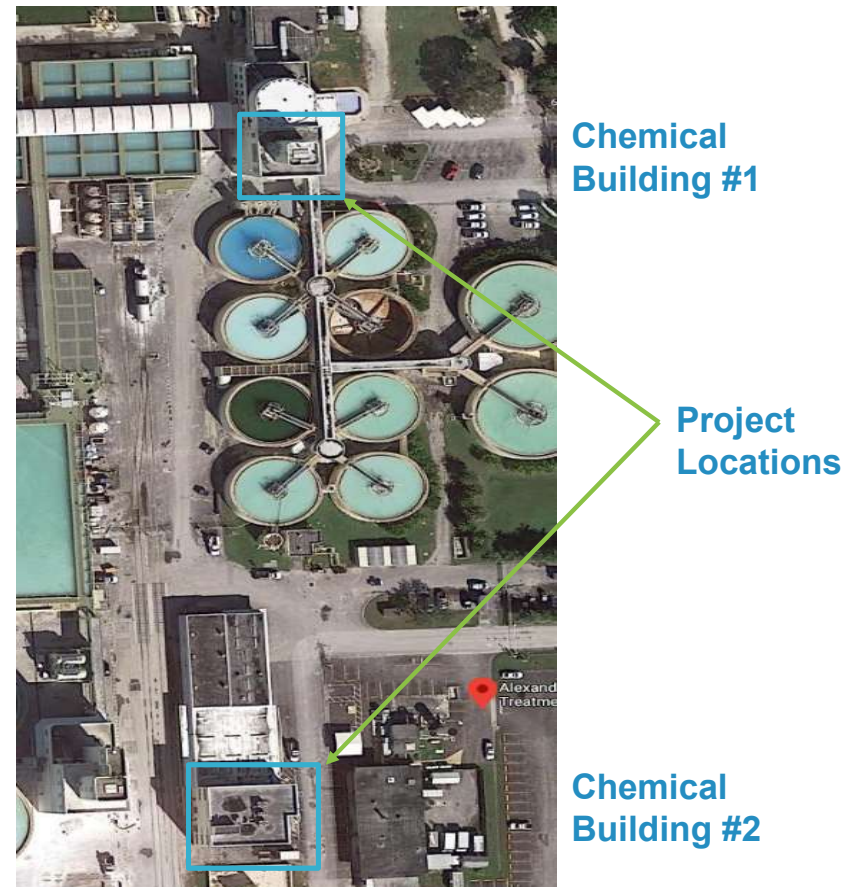
W-945 Alexander Orr WTP: Lime Slaker Replacement

Estimated Construction Cost: \$16.6M

Location: 6800 SW 87th Ave, Miami, FL 33173

Scope: Furnish all materials, labor and equipment for the replacement of the existing lime slakers in Chemical Buildings #1 and #2

- Partial demolition
- Three new slakers each for #1 and #2
- Replace existing lime bins for #1 and #2
- New lime slurry feed system including lime slurry aging/mixing tanks, valves, and flow meters for #2
- Structural repair in the basement of #2



W-951 Alexander Orr: Pump and Motor Improvements, Electrical Upgrades

Estimated Construction Cost: \$13.9M

Location: 6800 SW 87th Ave, Miami, FL 33173

Scope:

- Upgrade existing electrical equipment and control system of high service pumps and motors, instrumentation, and control to fully automate the west service high pump based on pressure set point
- Design HVAC for new electrical building



QUESTION AND ANSWER SESSION

- Additional pre-advertisement information will be posted at:
<https://www.miamidade.gov/global/water/ocean-outfall-legislation.page>
- Advertisement be posted to the County Procurement website at:
<https://www8.miamidade.gov/global/navigation/legal-ad-index.page>
- Contact Information: For additional information, please contact Mr. Paul Adams at (786) 268-5126 or via electronic mail to: Paul.Adams@miamidade.gov.

Thank you

