

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

## CONSTRUCTION INDUSTRY MEETING

**Date:** July 13, 2023 | **Time:** 10 a.m. | **Location:** Hybrid - details to follow



The Miami-Dade County Water and Sewer Department is hosting its third 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 three 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 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](mailto:wasd-cip@miamidade.gov)



Join our Construction Industry Forum Subscription list for information about upcoming meetings

Subscribe



Miami-Dade County Water and Sewer Department  
Utility Construction Division



## CONSTRUCTION INDUSTRY MEETING

July 13, 2023



# AGENDA

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



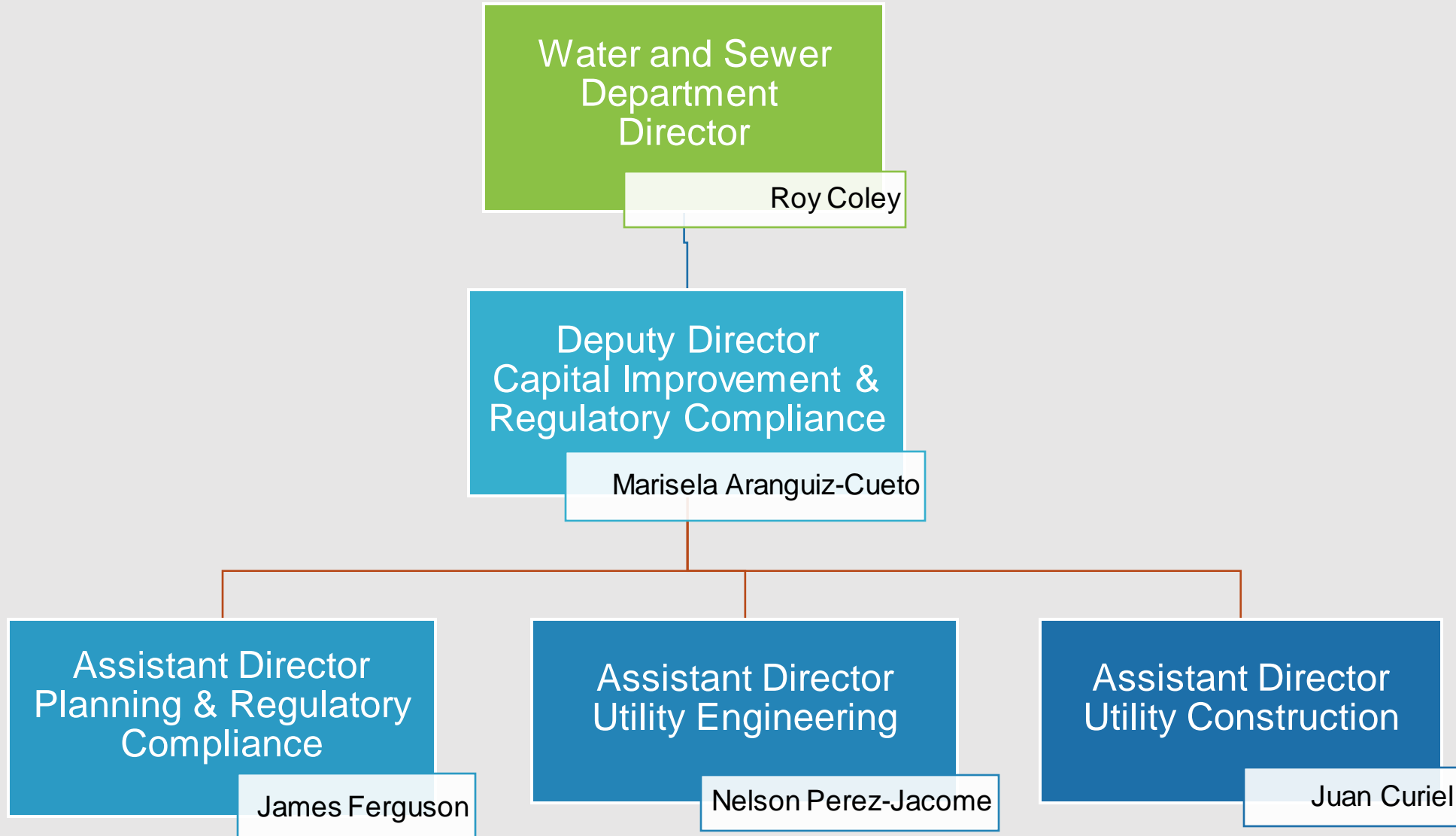


# INTRODUCTION

Meeting Purpose and Team



# CAPITAL IMPROVEMENT ORGANIZATIONAL CHART





# UTILITY CONSTRUCTION DIVISION

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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

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Meetings for Contractors will be held on a semiannual basis starting next Fiscal Year

Next meeting is on **January 11, 2024**; 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

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There is open, competitive bidding on construction contracts, plus four (4) special programs.

## **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 06/30/23

Type	Amount Awarded
MCC 7040	\$55.9M
MCC 7360	\$28.0M
Projects > \$5M	\$838.0M



**TOTAL CONTRACTS AWARDED: \$921.9M**  
**TOTAL AWARDED TO SMALL BUSINESS: \$106.4M**

# Miscellaneous Construction Contract Program

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**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](mailto:laurie.johnson@miamidade.gov)

WASD Small Business Contacts: Margaret Moss or Donna Palmer

[WASDSMALLBUSINESS@miamidade.gov](mailto:WASDSMALLBUSINESS@miamidade.gov)





# PIPELINE PROJECTS





# SUMMARY UPCOMING PIPELINE PROJECTS

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- T-20107 Repair 48-inch Force Main on Collins Ave, **\$0.7M to \$1.0M+**
- T-20108 Rehab of Manholes on Pump Station Basin 1, 2 Gravity Interceptor Systems, **\$0.8M to \$1.0M+**
- T-15841 Furnish and Install 10-inch Force Main, **\$0.9M to \$1.0M+**
- T-14866 Replace 6350 Linear Feet of 10-Inch Asbestos Cement Force Main, **\$1.7M+**
- T-15241 Furnish and Install 6-inch and 10-inch Force Main in Golden Beach, **\$3.8M+**
- T-15152 General Obligation Bond, Basin 115 East, **\$5.0M+**
- S-16201 36-inch Aventura Redundant Force Main, **\$6M+**



# T-20107 Repair 48-inch Force Main on Collins Ave

**Estimated Construction Cost:** \$0.7M to \$1.0M

**Location:** NE 163rd St and Collins Ave

**Scope:** Repair damaged force main and gravity sewer, damaged by directional drill

**Project Location**





# T-20108 Rehab of Manholes on Pump Station Basin 1, 2 Gravity Interceptor Systems

**Estimated Construction Cost: \$0.8M to \$1.0M**

**Location:** Various locations throughout Pump Station Basin 1 and 2

**Scope:** Furnish and install all labor, material and equipment for rehabilitation of approximately 15 manholes throughout the 72-inch Biscayne Blvd Interceptor system





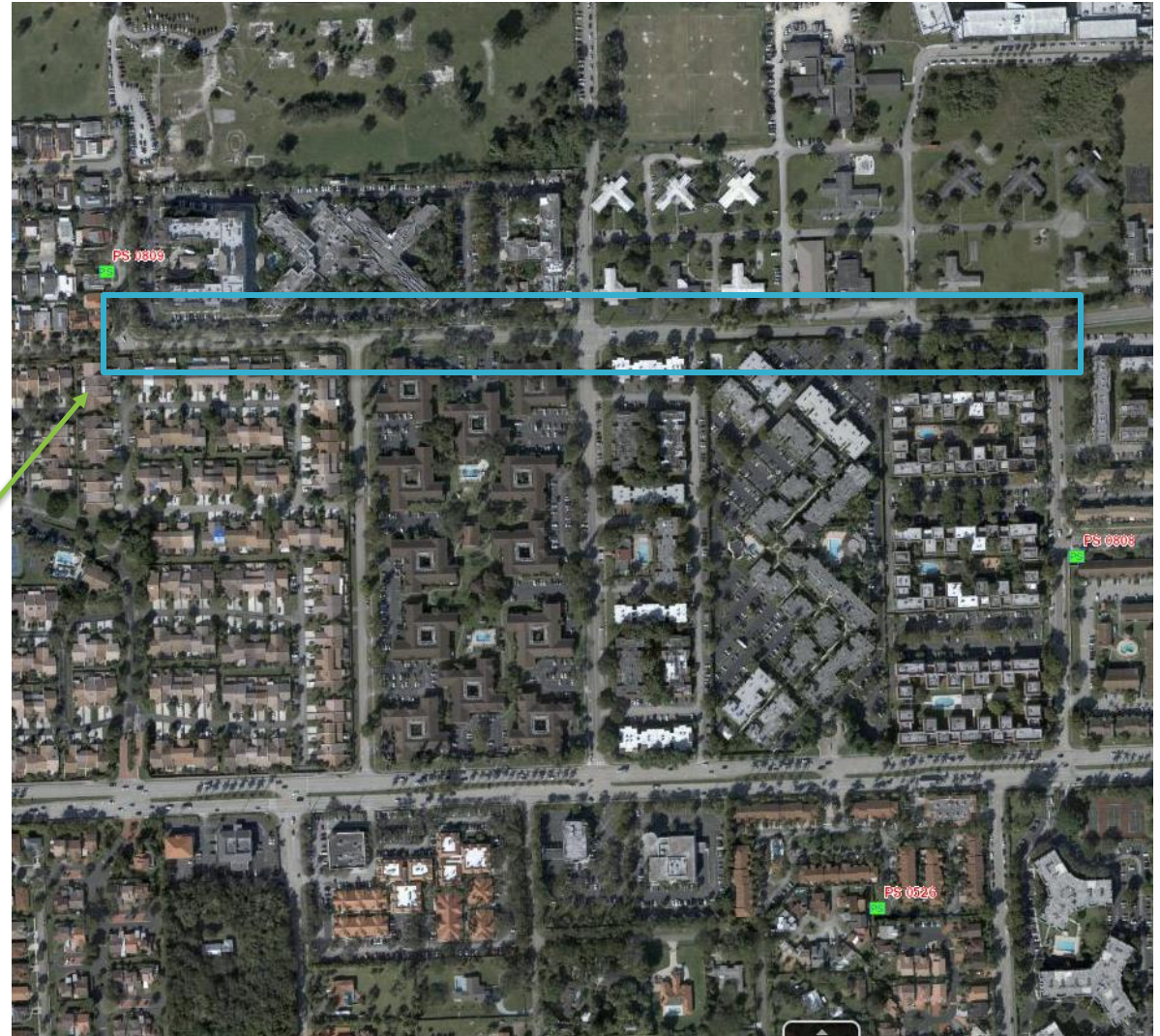
# T-15841 Furnish and Install 10-Inch Ductile Iron Force Main

**Estimated Construction Cost:** \$0.9M to \$1.0M

**Location:** Along SW 84<sup>th</sup> St from SW 109<sup>th</sup> Ave to SW 114<sup>th</sup> Ave (Pump Station 808 to Pump Station 809)

**Scope:** Replace 10-inch asbestos cement force main with 3,650 linear feet of 10-inch ductile iron force main

**Project Location**





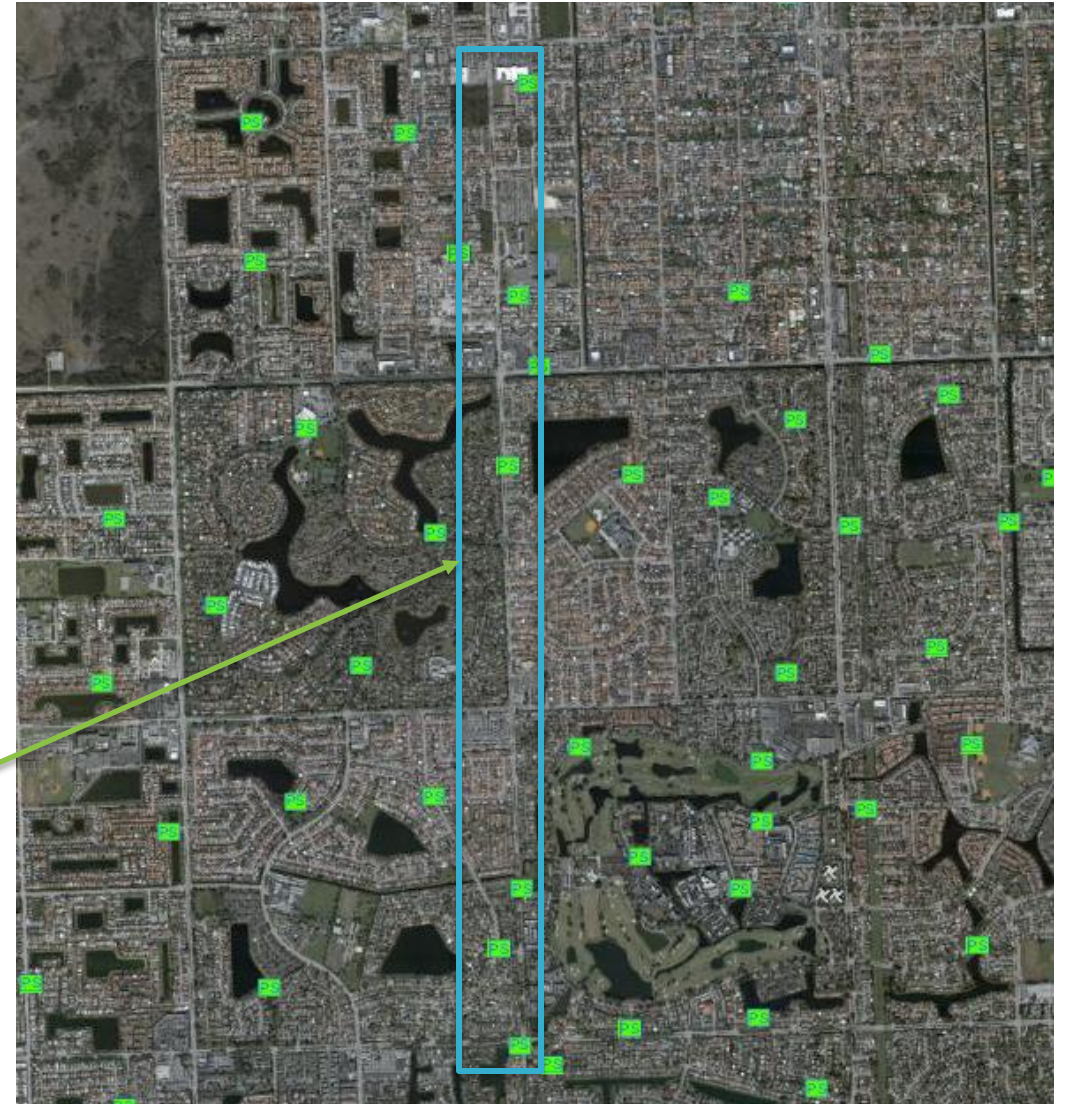
# T-14866 Replace 6,350 Linear Feet of 10-Inch Asbestos Cement Force Main

**Estimated Construction Cost: \$1.7M**

**Location:** Various locations on SW 147<sup>th</sup> Ave, Miami, FL (Kendall West)

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

Project Location



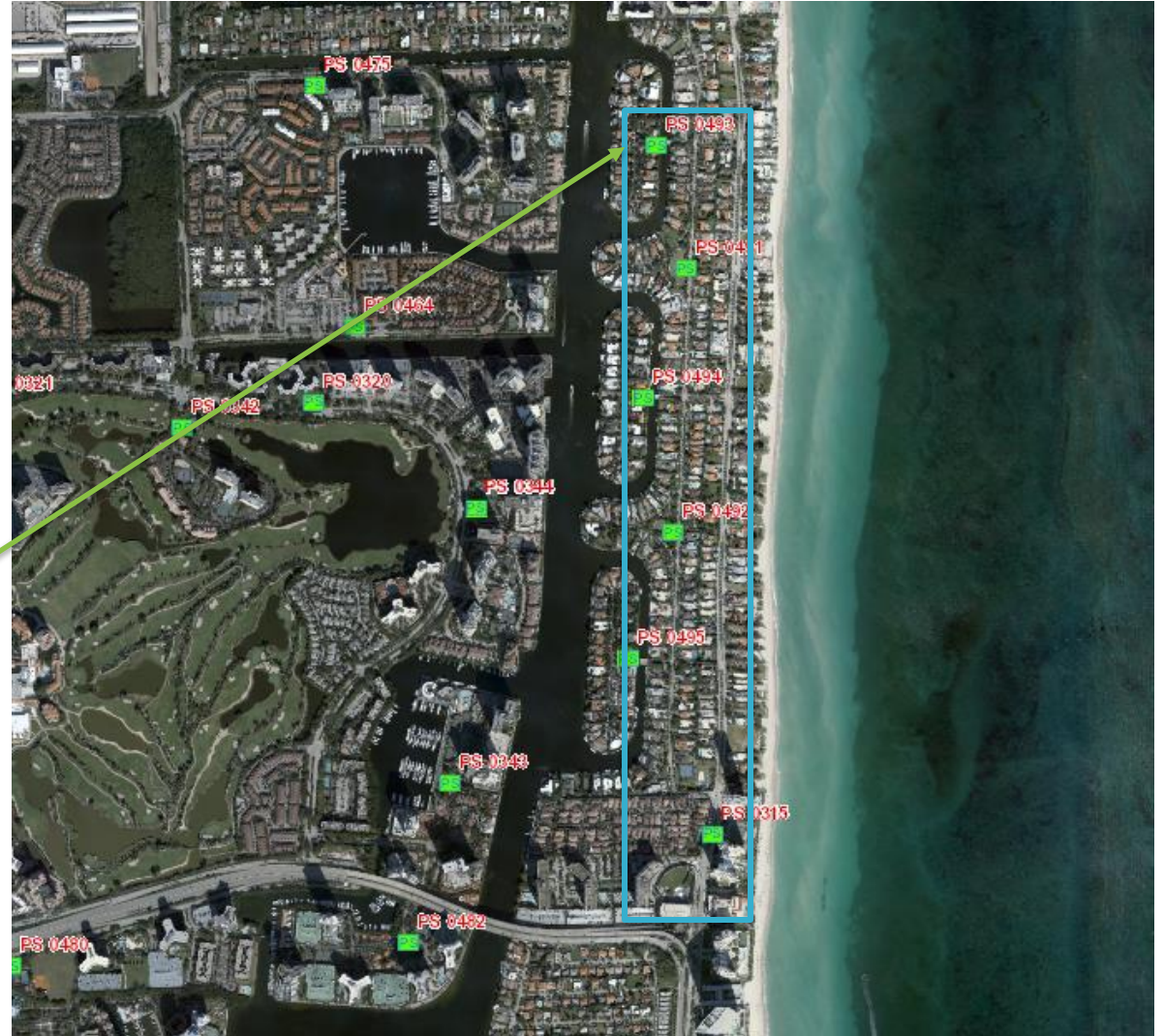
# T-15241 Furnish and Install 6-inch and 10-inch Force Main in Golden Beach

**Estimated Construction Cost: \$3.8M**

**Location:** Pump Station 493 to Manhole 137 in Golden Beach

**Scope:** Replace 8,170 linear feet of existing 8-inch force main with 6-inch and 10-inch force main

**Project Location**





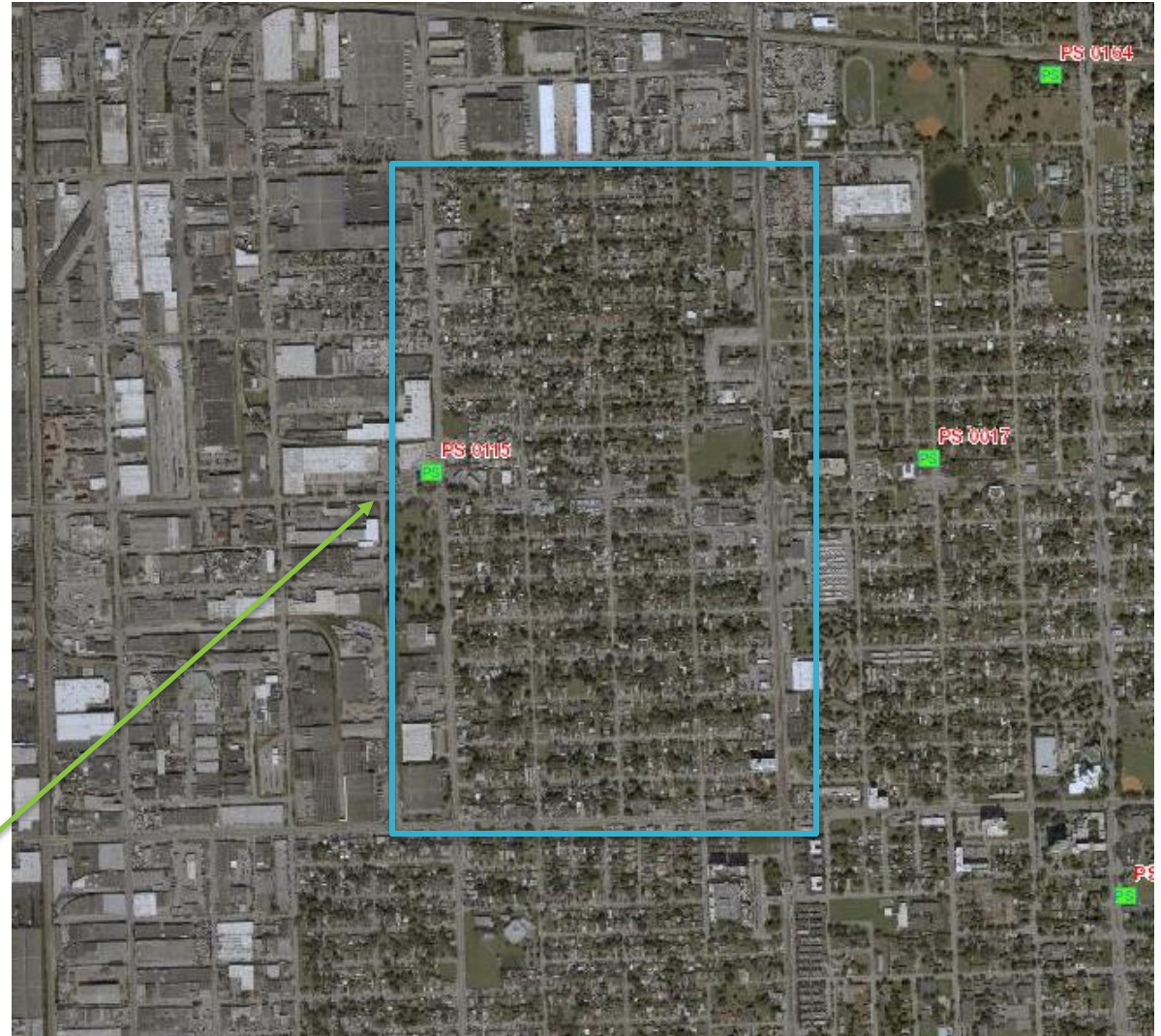
# T-15152 General Obligation Bond, Basin 115 East

**Estimated Construction Cost: \$5.0M**

**Location:** NW 60th St from NW 37th Ave to NW 32nd Ct and NW 62nd St to NW 54th St

**Scope:** Furnish and install 5,151 linear feet of ductile iron water main and 4,721 linear feet of PVC gravity sewer main, both in varying sizes; install 16 concrete sanitary manholes; remove and salvage 10 fire hydrant assemblies; dewater and plug existing mains

**Project Location**





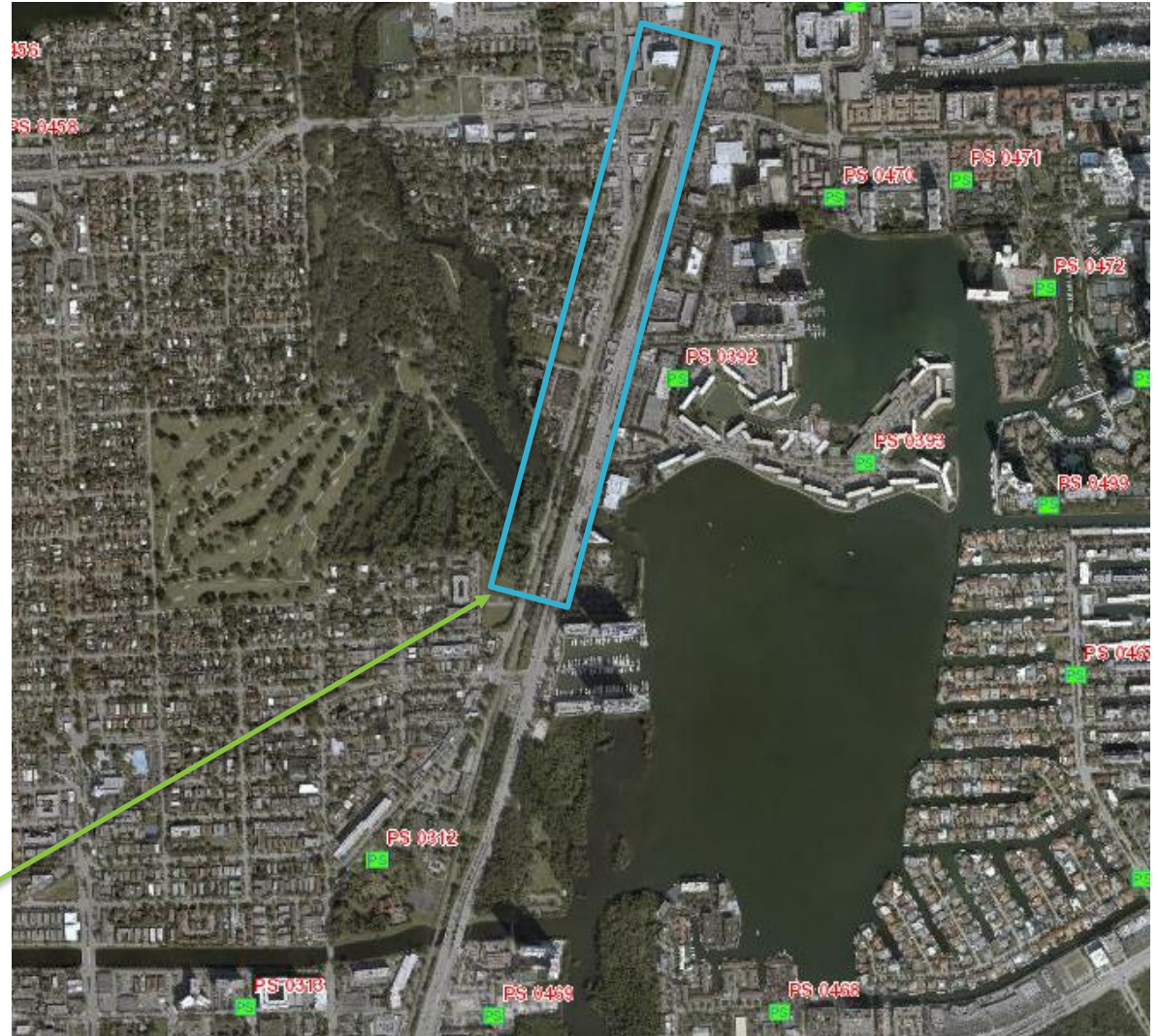
# S-16201 36-inch Aventura Redundant Force Main

**Estimated Construction Cost: \$6M**

**Location:** NE 179th St to NE 188th St  
along W Dixie Highway

**Scope:** Furnish and install 2,930 linear feet of 36-inch PVC, 50 linear feet of 24-inch PVC, and 36 linear feet of 36-inch ductile iron force main

**Project Location**







# PUMP STATION PROJECTS



# SUMMARY UPCOMING PUMP STATION UPGRADES

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- T-16133 Pump Station 686 Conversion to Submersible, **\$0.7M to \$1.0M+**
- T-16226 Pump Station 671 Conversion to Submersible, **\$0.8M to \$1.0M+**
- T-16132 Pump Station 848 Conversion to Submersible, **\$0.9M to \$1.0M+**
- T-16278 Pump Station 174 Upgrade, **\$1M+**
- T-16279 Pump Station 888 Upgrade, **\$1.3M+**
- T-16066 Pump Station 491 Upgrade, **\$1.5M+**
- T-16072 Snapper Creek Pump Station Electrical Improvement, **\$2.7M+**





# T-16133 Pump Station 686 Conversion to Submersible

**Estimated Construction Cost:** \$0.7M to \$1.0M

**Location:** 7900 Bird Rd, Miami, FL 33155

**Scope:** Upgrade the pump station, including excavation, demo and modification work, while providing uninterrupted by-pass pumping capabilities during construction

**Project Location**





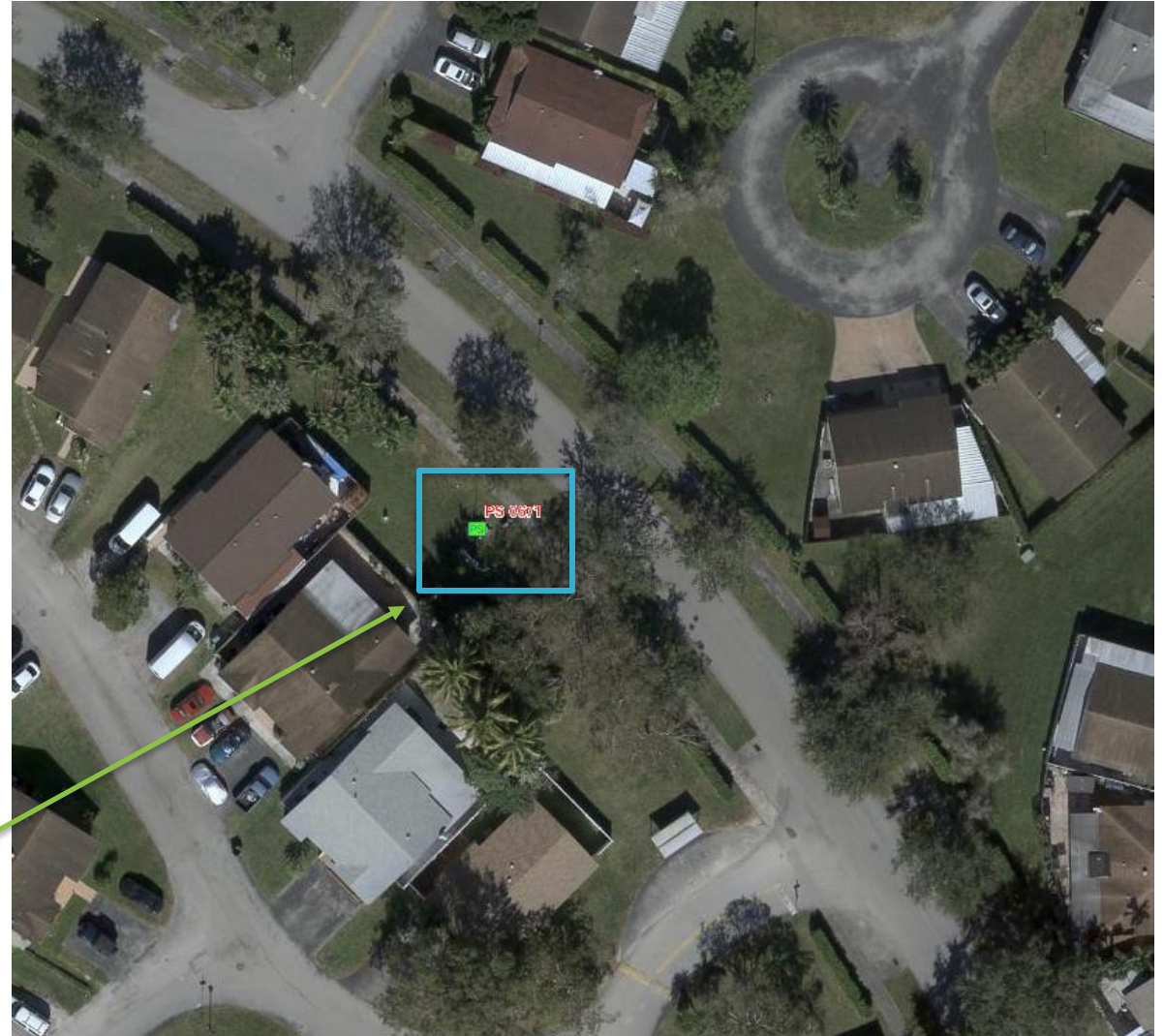
# T-16226 Pump Station 671 Conversion to Submersible

**Estimated Construction Cost: \$0.8M to \$1.0M**

**Location:** 4250 SW 138<sup>th</sup> Ave, Miami, FL 33175

**Scope:** Upgrade the pump station, including excavation, demo and modification work, while providing uninterrupted by-pass pumping capabilities during construction

**Project Location**



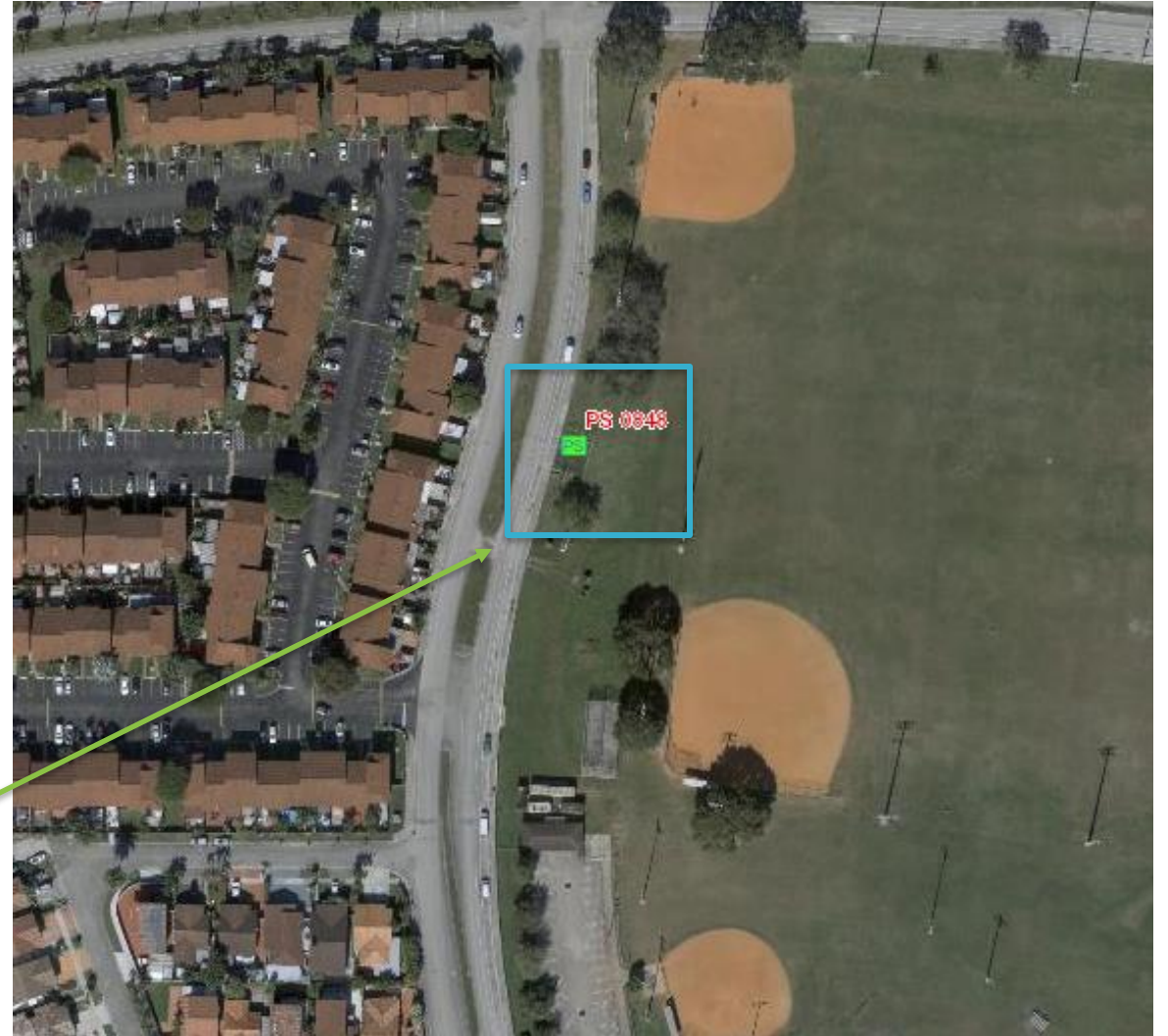
# T-16132 Pump Station 848 Conversion to Submersible

**Estimated Construction Cost:** \$0.9M to \$1.0M

**Location:** 9590 NW 27<sup>th</sup> Ave, Miami, FL 33147

**Scope:** Upgrade the pump station, including excavation, demo and modification work, while providing uninterrupted by-pass pumping capabilities during construction

**Project Location**





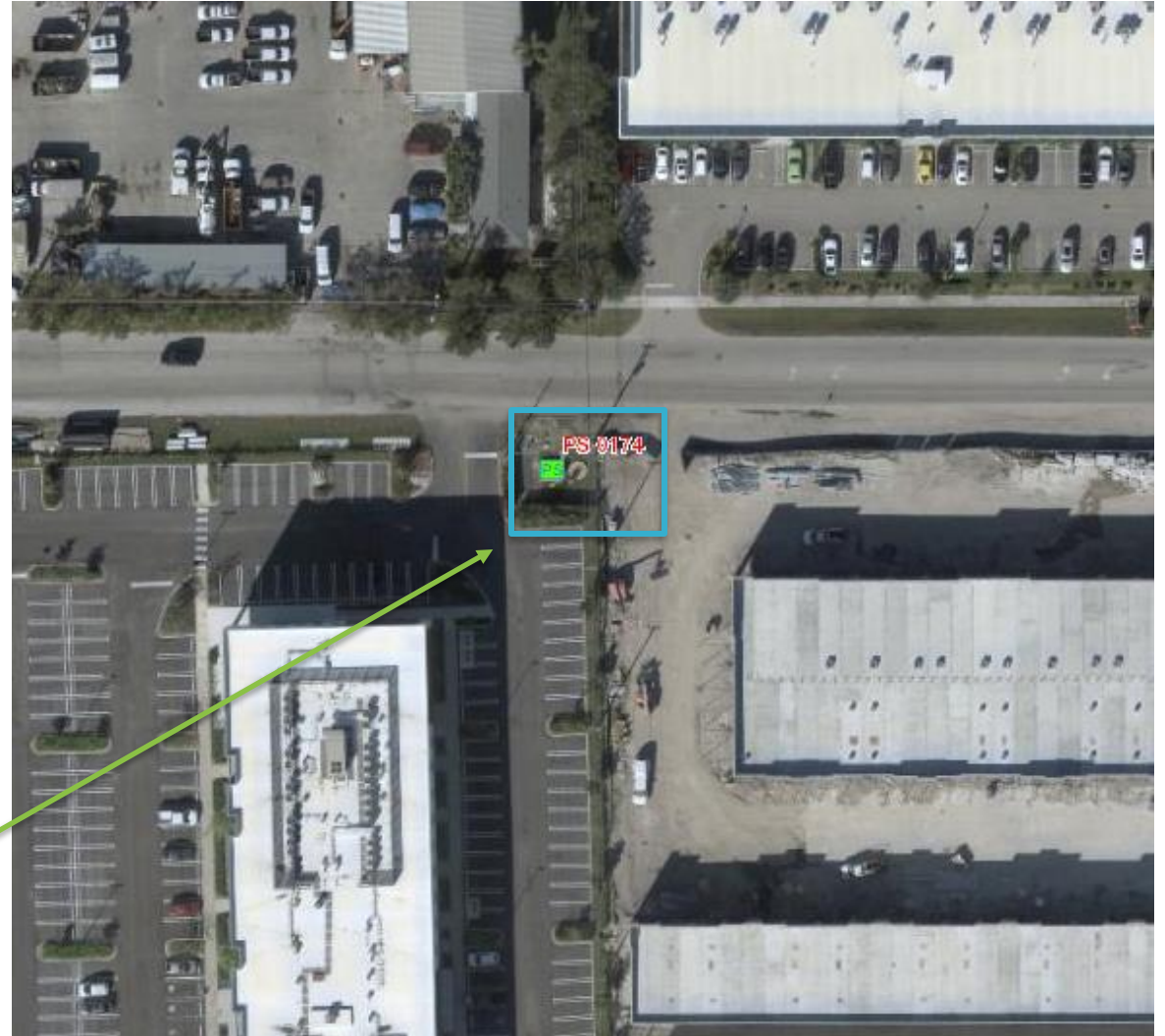
# T-16278 Pump Station 174 Upgrade

**Estimated Construction Cost: \$1M**

**Location:** 10900 NW 17<sup>th</sup> St, Miami, FL 33174

**Scope:** Upgrade pump station by elevating existing property and installing new concrete pad and driveway; convert dry well to wet well; update receiving manhole to replace existing inflow pipes; install new discharge force main

**Project Location**



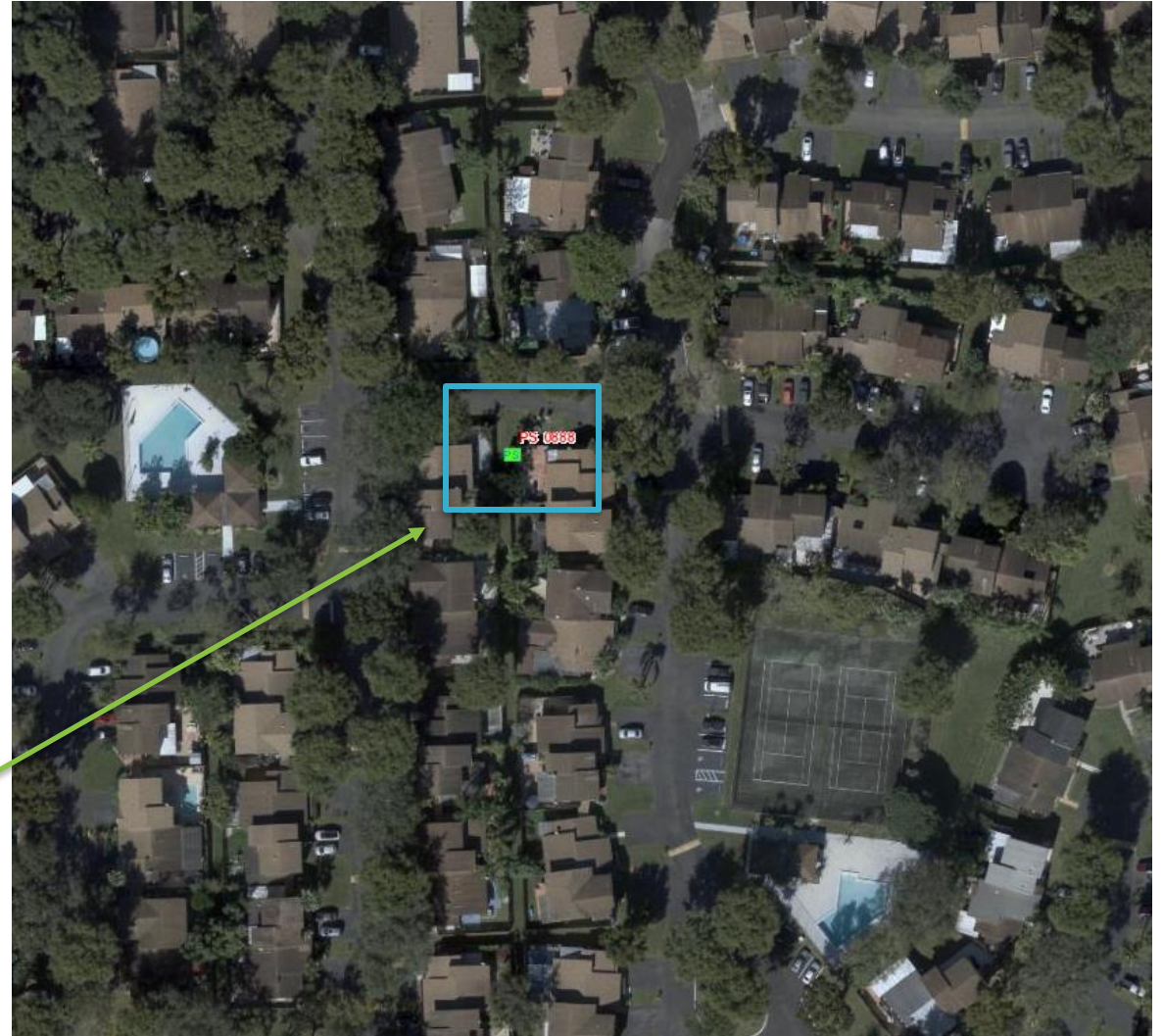
# T-16279 Pump Station 888 Upgrade

**Estimated Construction Cost: \$1.3M**

**Location:** 6900 SW 127<sup>th</sup> Pl, Miami, FL 33183

**Scope:** Replace existing pump station with a new one of higher capacity, including installation of new wet well, valve vault and control panel; will bring into compliance with peak flow and Consent Decree Capacity criteria

**Project Location**





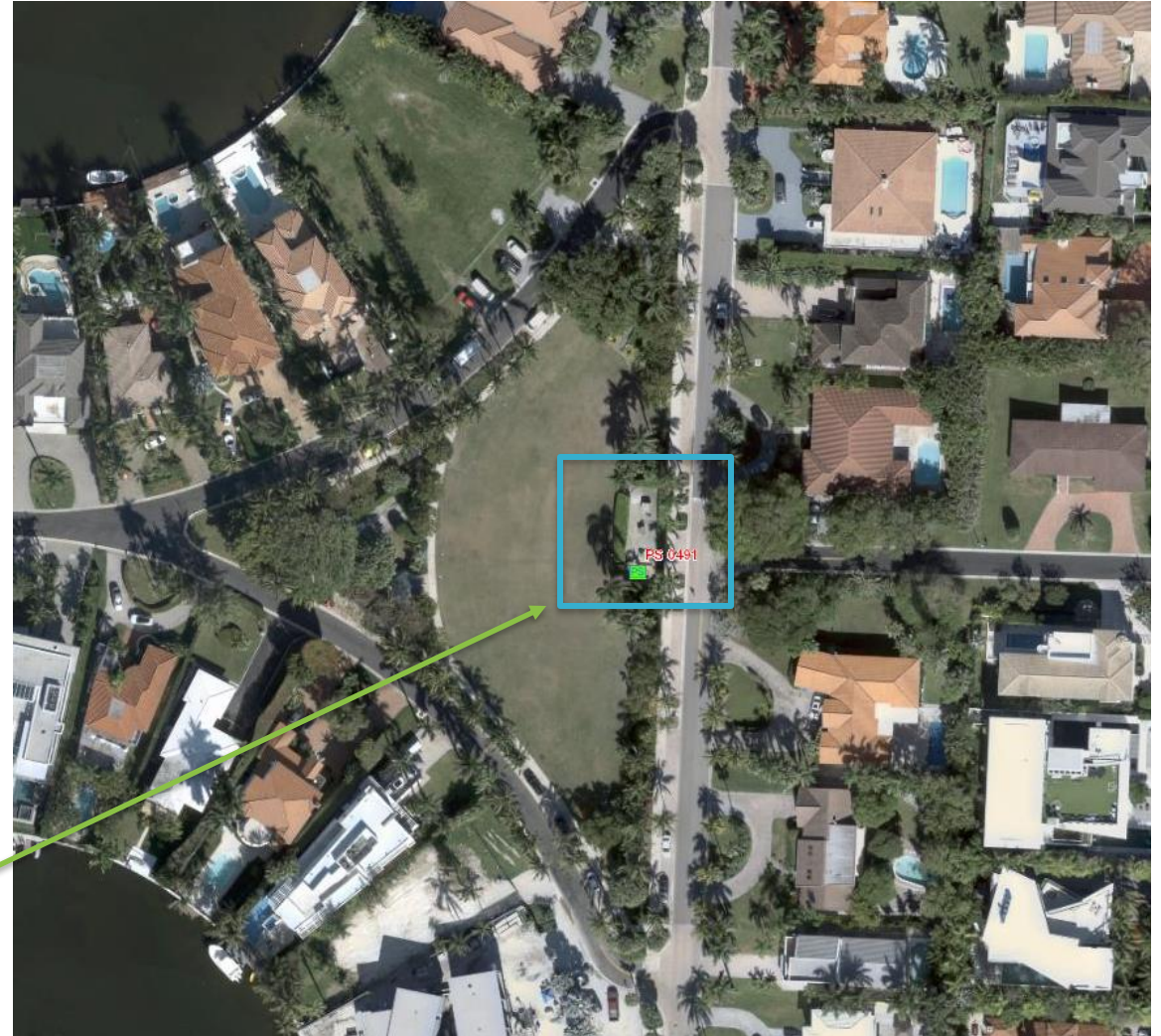
# T-16066 Pump Station 491 Upgrade

**Estimated Construction Cost: \$1.5M**

**Location:** 500 Golden Beach Dr, Golden Beach, FL 33160

**Scope:** Upgrade from existing dry/wet-well to submersible pump station; includes site preparation, demolition work, installation of new structures, installation of mechanical and electrical equipment, and restoration of impacted areas

**Project Location**



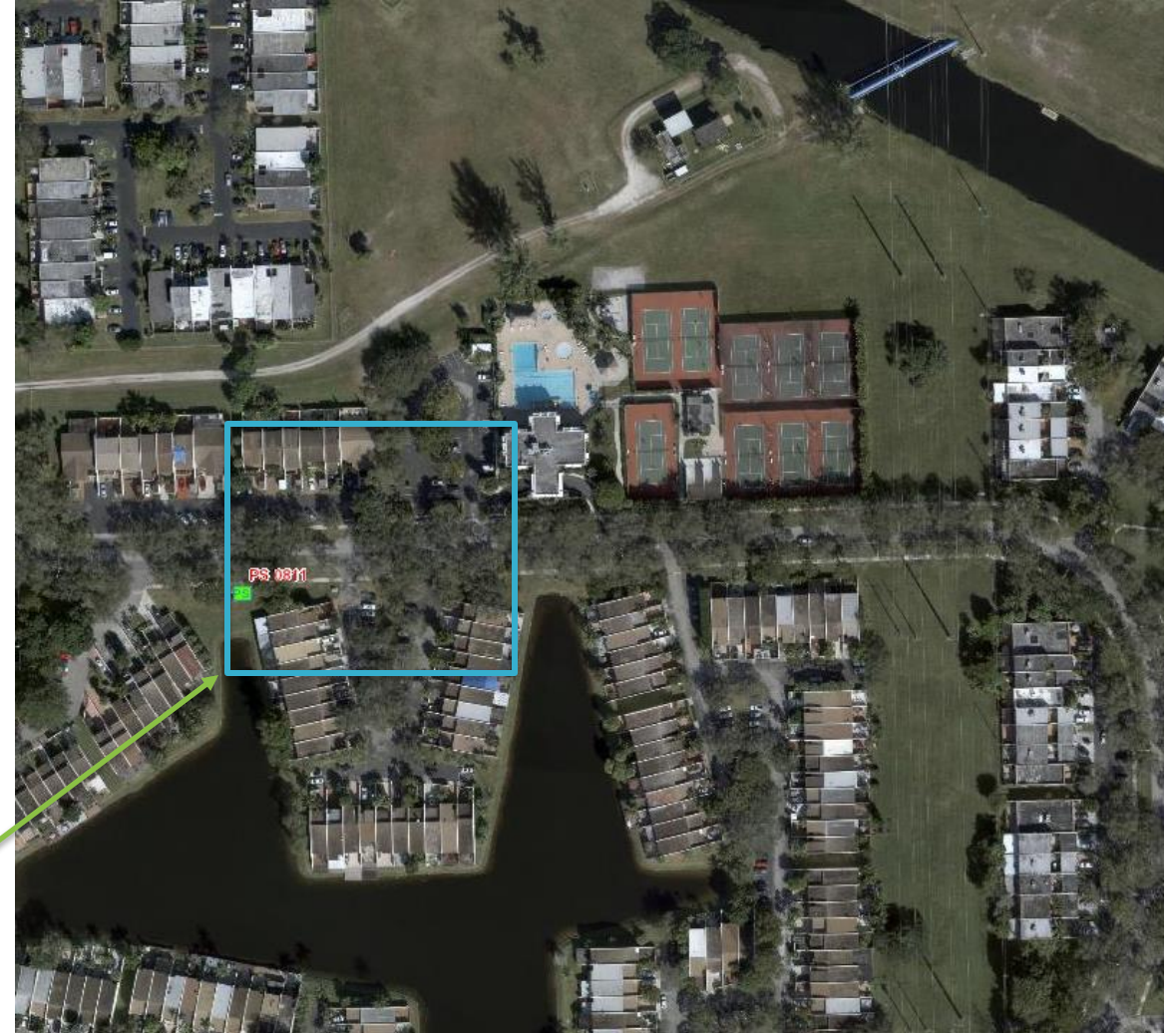
# T-16072 Snapper Creek Pump Station Electrical Improvement

**Estimated Construction Cost: \$2.7M**

**Location:** 10355 SW 76th, Miami, FL 33173

**Scope:** Remove existing switchgear and install new low-voltage switchgear; provide remote tracking system; remove existing feeders and replace with new DC Megger tested feeders, provide SCADA capability and field connections; remove existing Diesel generator and install new Natural Gas self-enclosed 1000 kW generator

**Project Location**







# TREATMENT PLANT IMPROVEMENTS



## WATER AND WASTEWATER



# SUMMARY UPCOMING WATER/WASTEWATER TREATMENT PLANT PROJECTS

- T-16049 WWTP Multiple Site Roof Replacement, **\$1M+**
- T-20110 Install Protective Articulated Concrete Mats for NDWWTP Outfalls, **\$1M+**
- T-15703 Install Protective Articulated Concrete Mats for CDWWTP Outfalls, **\$1.7M+**
- T-15383 Central District WWTP Chlorination Facility Hardening, **\$5.4M+**
- S-939 North District WWTP: Effluent Pump Station and Electrical Building Upgrades, **\$38.9M+**
- W-945 Alexander Orr WTP: Replace Lime Slakers, **\$16.6M+**
- W-955 South West Well Field Electrical Distribution Improvements, **\$9.9M+**





# T-16049 WWTP Multiple Site Roof Replacement

**Estimated Construction Cost: \$1M**

**Location:**

- Hialeah WTP
- Alexander Orr WTP
- Doral NW Wellfield
- NW 67<sup>th</sup> St Pump Station
- NW 30<sup>th</sup> St Pump Station
- SW Wellfield Pump Station

**Scope:** Evaluate, design, permit and furnish replacement of existing built-up roofs for various facilities with new bituminous built-up roof systems

**Project Location 1**



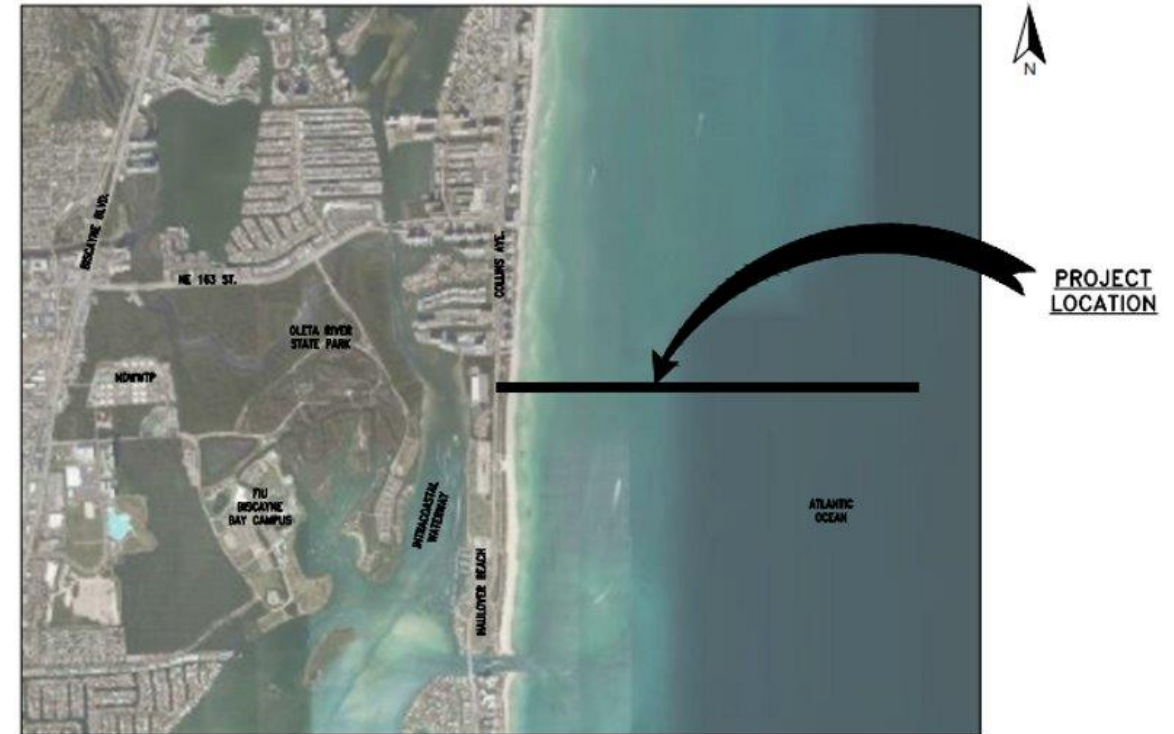
# T-20110 Install Protective Articulated Concrete Mats for North District WWTP

**Estimated Construction Cost: \$1M**

**Location:** Approximately 1 mile offshore of the North District WWTP, east of Haulover Beach

**Scope:** Provide all labor, equipment and supplies necessary to complete the scour protection system repair along the North District WWTP pipeline sections, including

- Relocate and monitor 47 coral colonies
- Install 1 protective structure along 76 linear feet of existing pipeline





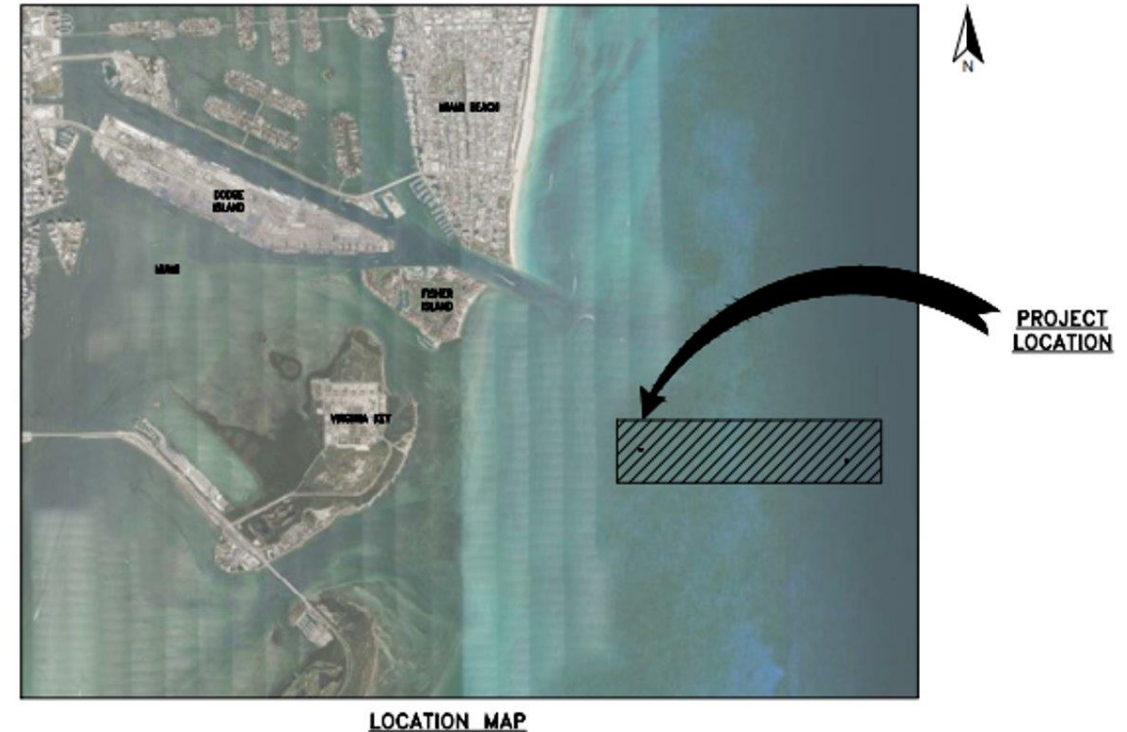
# T-15703 Install Protective Articulated Concrete Mats for Central District WWTP

**Estimated Construction Cost: \$1.7M**

**Locations:** Approximately 1.7 miles and 3.3 miles offshore of the Central District WWTP in Virginia Key

**Scope:** Provide all labor, equipment and supplies necessary to complete the scour protection system repair along the Central District WWTP ocean outfall pipeline sections, including

- Relocate and monitor 31 coral colonies
- Install 1 protective structure along 113 linear feet of existing pipeline
- Install 2 protective structures along 50 linear feet of existing pipeline



# T-15383 Central District WWTP Chlorination Facility Hardening

**Estimated Construction Cost: \$5.4M**

**Location:** 3989 Rickenbacker Causeway,  
Miami, FL 33149

**Scope:** Construct new building to enclose existing bulk storage tanks and related equipment, including fire protection and safety components; include two additional bulk storage tanks and their associated piping/valves and chlorination system improvements

**Project Location**





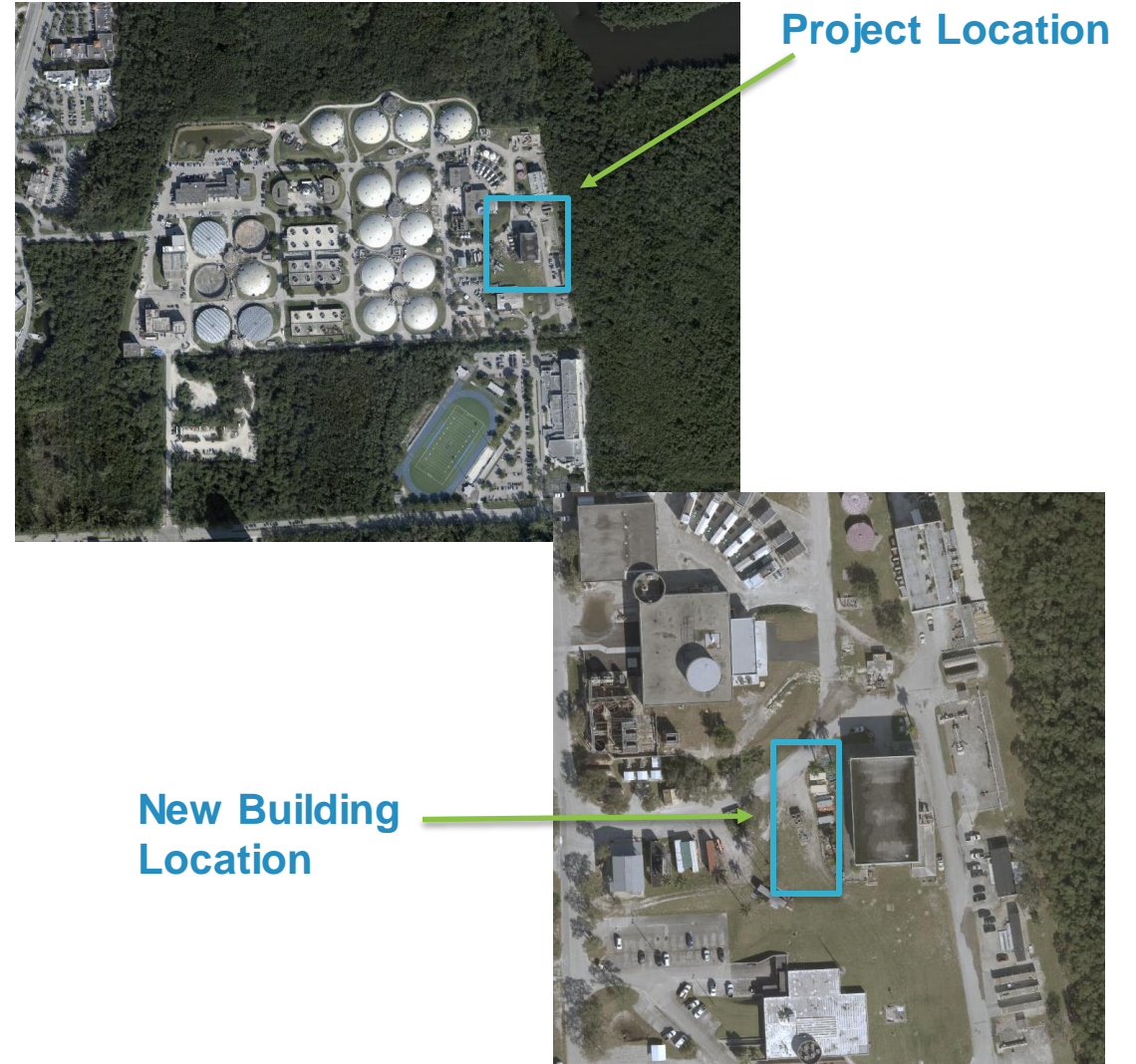
# S-939 North District WWTP: Effluent Pump Station and Electrical Building Upgrades

**Estimated Construction Cost: \$38.9M**

**Location:** 2575 NE 156<sup>th</sup> St, North Miami Beach, FL 33160

**Scope:** Convert three pumps/motors and associated variable frequency drives to transfer flow to the proposed high level disinfection facilities; furnish all materials, labor and equipment to construct a new electrical building, including

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



# W-945 Alexander Orr WTP: Lime Slaker Replacement

**Estimated Construction Cost: \$16.6M**

**Location:** 6800 SW 87<sup>th</sup> 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

**Chemical Building #1**

**Chemical Building #2**





# W-955 South West Well Field Electrical Distribution Improvements

**Estimated Construction Cost: \$9.9M**

**Location:** 8500 SW 127<sup>th</sup> Ave, Miami, FL 33183

**Scope:** Restore electrical feeders; build an electrical duct bank adjacent to existing duct bank; install new electrical manholes at each well house to facilitate pulling of cables; replace 225-kVA radial feed transformers at loop feed with transformers of similar capacity required for a total of 14 wells

**Project Location 1**



# 1-on-1 Meetings

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## INTERESTED IN LEARNING MORE ABOUT WASD'S PROJECTS?



Contact Paul Adams to setup 1-on-1 meetings and have a focused discussion on any complex project



Meetings must be held prior to the Cone of Silence taking effect



Project plans can be shared and an open format Q&A session can be facilitated with the Project Manger



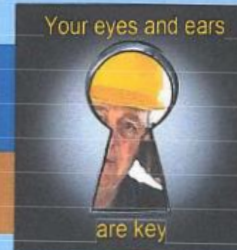
Meetings can be held in a group or individual project basis

**(786) 268-5126 or [Paul.Adams@miamidade.gov](mailto:Paul.Adams@miamidade.gov)**



# OFFICE OF THE INSPECTOR GENERAL

OIG Satellite Office at WASD  
3071 SW 38th Avenue  
Rooms 512 & 513  
Miami, FL 33146  
Office: (786) 552-8489



## Prevent Fraud, Waste and Abuse Protect the WASD Capital Improvement Program

The many ways to report fraud:

### Here are some examples of the allegations that we investigate:

- Inferior materials substitution
- Contractor overbilling and payroll fraud
- Conspiracies and bid rigging
- Kickbacks and bid steering
- Undisclosed conflicts of interest
- Bribery and unlawful compensation
- Theft of materials
- Unlicensed contractors
- Contractor non-performance
- Violations of Small Business Program integrity, such as "fronting"
- Unjustified Change Orders
- Violations of the Cone of Silence
- Employee misconduct and conflicting outside employment



Online at:  
[www.miamidadeig.org](http://www.miamidadeig.org)



Fraud Hotline  
(305) 579-2593

Mail to:

Office of the Inspector General  
601 NW 1st Court  
South Tower, 22nd Floor  
Miami, Florida 33136

Fax to:  
(305) 579-2656



You Can Remain Anonymous



# QUESTION AND ANSWER SESSION

- Additional pre-advertisement information will be posted at:  
<https://www.miamidade.gov/global/water/ocean-outfall-legislation.page>
- Advertisement will 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 Paul Adams at:  
(786) 268-5126 or [Paul.Adams@miamidade.gov](mailto:Paul.Adams@miamidade.gov)

