

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

## CONSTRUCTION INDUSTRY MEETING

**Date:** January 31, 2024 | **Time:** 10 a.m. | **Location:** Hybrid - details to follow



The Miami-Dade County Water and Sewer Department is hosting its first Construction Industry Meeting for 2024 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

January 31, 2024

# AGENDA

---

- 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







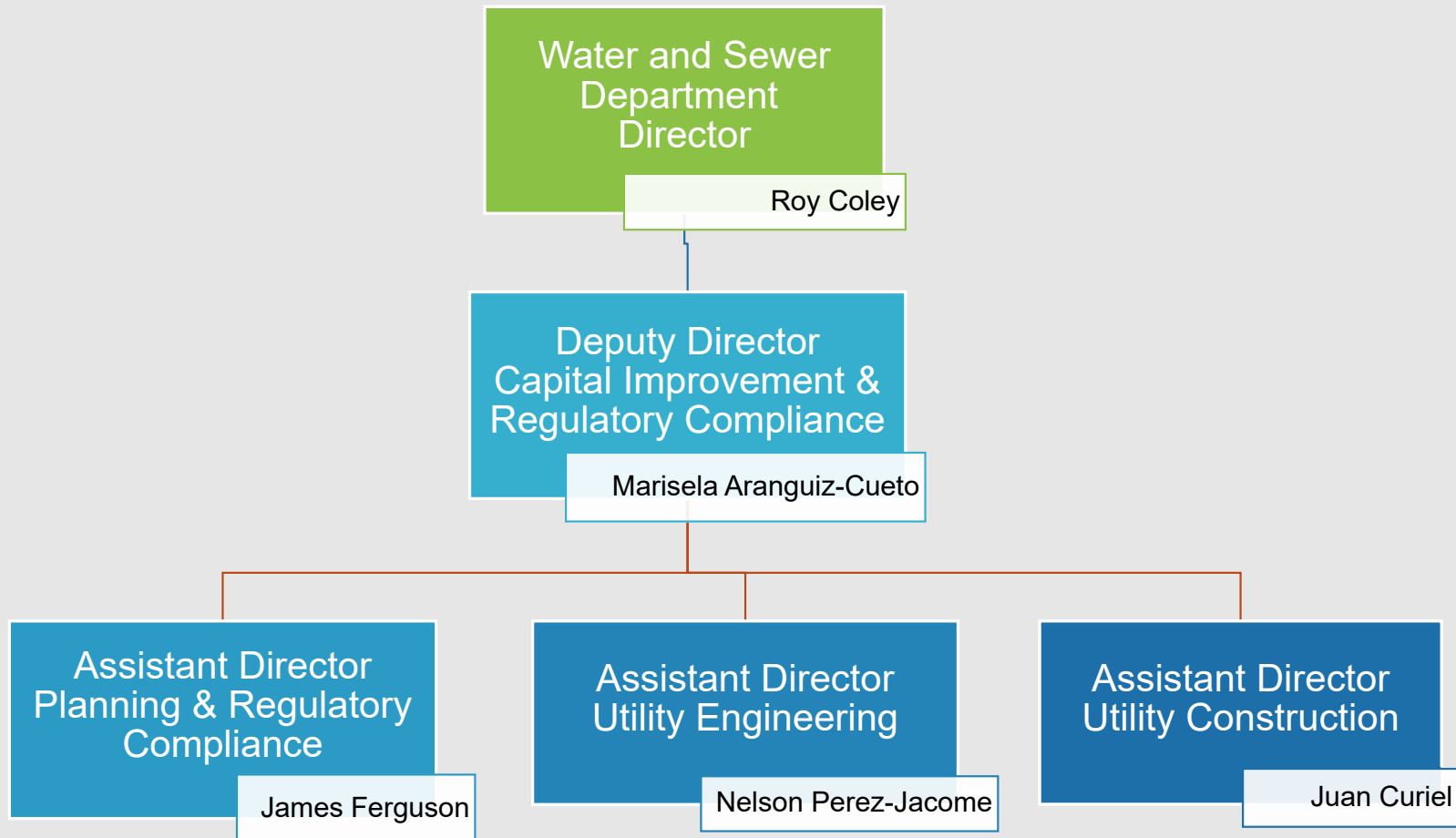
# INTRODUCTION

Meeting Purpose and Team





# CAPITAL IMPROVEMENT ORGANIZATIONAL CHART



# UTILITY CONSTRUCTION DIVISION

**Juan Curiel**

**Assistant Director**

juan.curiel@miamidade.gov  
(786) 552-8399

**Carlos M. Baro III**

**Construction Manager 3**

carlos.baro@miamidade.gov  
(786) 552-4336

**Gary Clarke**

**Construction Manager 3**

gary.clarke@miamidade.gov  
(786) 552-4418

**Miguel Pichardo**

**Construction Manager 3**

miguel.pichardo@miamidade.gov  
(786) 552-4352

**Mario Vargas**

**Senior Professional Engineer**

mario.vargas@miamidade.gov  
(786) 552-8405

**Marcelino Torres**

**Senior Program Manager**

marcelino.torres@miamidade.gov  
(786) 552-8209

**Christine Wartman**

**Senior Professional Engineer**

christine.wartman@miamidade.gov  
(786) 552-8231

**Patrick Brown**

**Construction Manager 3**

hugh.brown@miamidade.gov  
(786) 552-4414

**Mario Garcia**

**Construction Manager 3**

mario.garcia2@miamidade.gov  
(786) 552-4353

**Robert Stebbins Jr**

**Construction Manager 3**

robert.stebbins@miamidade.gov  
(786) 552-4410



# 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.





## CONSTRUCTION CONTRACT INFORMATION



# Construction Contracts

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 – 11/17/2020 through 12/31/2023

Type	Amount Awarded
MCC 7040	\$81.5M
MCC 7360	\$28.5M
Projects > \$5M	\$1.03B



**TOTAL CONTRACTS AWARDED: \$1.14B**  
**TOTAL AWARDED TO SMALL BUSINESS: \$132M**



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

WASD Small Business Contacts: Margaret Moss or Donna Palmer

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



## PIPELINE PROJECTS



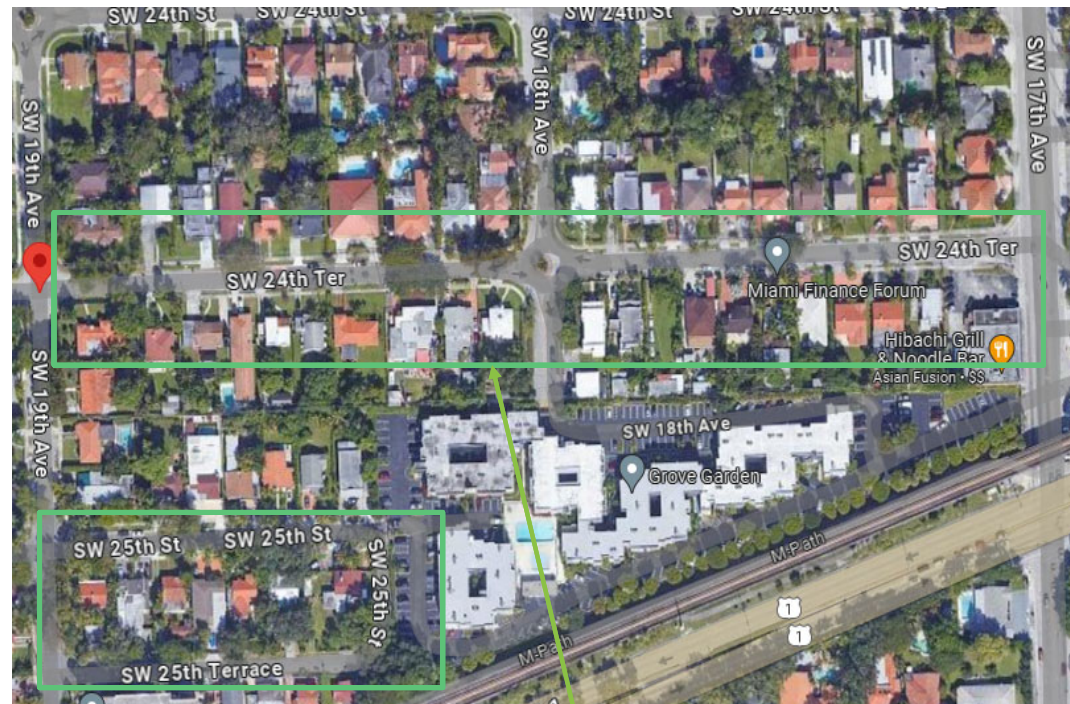
## UPCOMING PIPELINE PROJECTS

Less than \$5M	More than \$5M
T-16042 WM Line Installation, <b>\$1.1M</b>	T-15152 General Obligation Bond, Basin 115 East, <b>\$5M+</b>
Rehab of Manholes on Pump Station Basin 1, 2 Gravity Interceptor Systems, <b>\$1.5M</b>	S-16201 36-inch Aventura Redundant Force Main, <b>\$6M+</b>
T-14865 Furnish and Install 14" HDPE DR11 FM Pipe, <b>\$2.6M</b>	T-16113 General Obligation Bond, Basin 1262 North, <b>\$6.7M</b>
T-16114 General Obligation Bond, Basin 0115 S-5, <b>\$3.9M</b>	T-16155 General Obligation Bond, Basin 191, <b>\$7.3M</b>
	T-15148 General Obligation Bond, Basin 1264 S-3, <b>\$9.6M</b>



## T-16042 WM Line Installation

- **Estimated Construction Cost: \$1.1M**
- **Location:** Along SW 24<sup>th</sup> Ter Between SW 19<sup>th</sup> Ave and SW 17<sup>th</sup> Ave and SW 25<sup>th</sup> St between SW 19<sup>th</sup> Ave and SW 25<sup>th</sup> Ave.
- **Scope:** Furnish and Install 8" Ductile Iron Water Main including the installation of fire hydrants and water service.



Project Locations

## Rebid, Open Competitive, Rehab of Manholes on Pump Station Basin 1, 2 Gravity Interceptor Systems

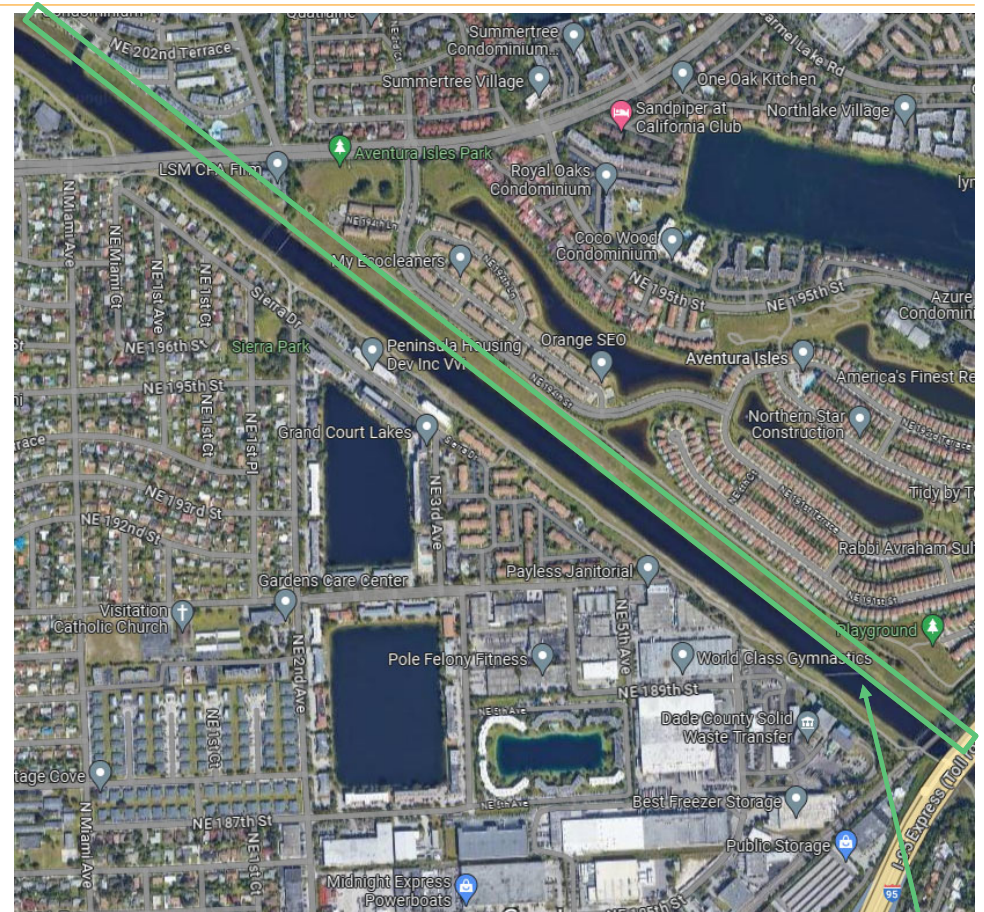
- **Estimated Construction Cost:** \$1.5M
- **Location:** Various locations throughout Pump Station Basin 1 and 2
- **Scope:** Furnish and install all labor, material and equipment for rehabilitation of approximately 15 manholes throughout the 72-inch Biscayne Blvd Interceptor system





## T-14865 Furnish and Install 14" HDPE DR11 FM Pipe

- **Estimated Construction Cost: \$2.6M**
- **Location:** Along Snake Creek Canal from I-95 Ext to 70 NW 202<sup>nd</sup> Ter (City of Miami Gardens and an unincorporated area in Miami-Dade County)
- **Scope:** Installation of a replacement of 7030 linear feet of 12" ACP Force Main. Furnish and install 14" HDPE DR11 Force Main. 660 linear feet of directional drill and 6400 linear feet of open cut.

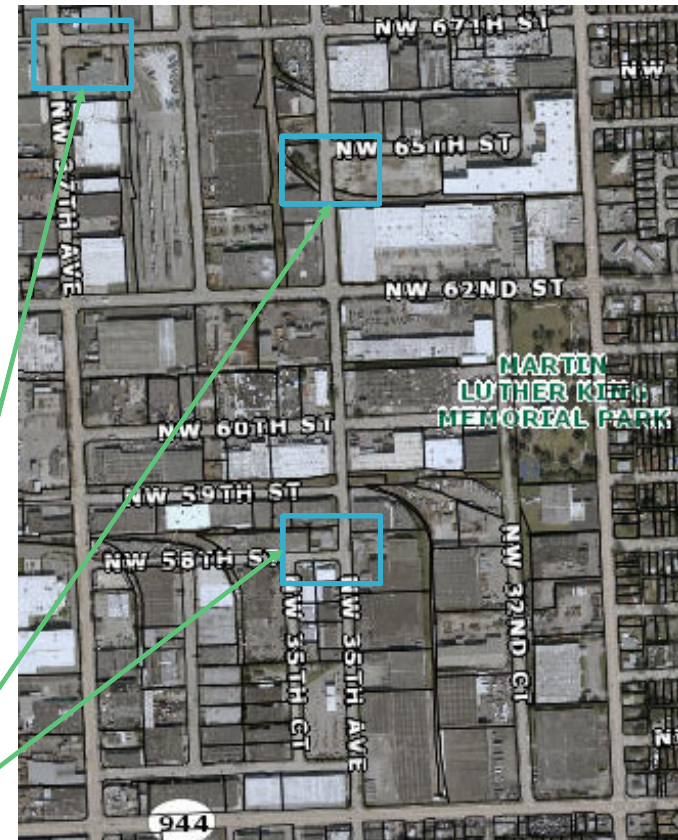


Project Location



## T-16114 General Obligation Bond, Basin 0115 S-5

- **Estimated Construction Cost: \$3.9M**
- **Location:** Along NW 35<sup>th</sup> Ave from NW 67<sup>th</sup> St to NW 54<sup>th</sup> St
- **Scope:** Furnish and install 5,560 linear feet of ductile iron water main with seated gated valves and fittings; and 5,110 linear feet of PVC gravity sewer main, both in varying sizes; install 17 concrete sanitary manholes; install 20 sanitary sewer services; core drill existing sanitary manhole; furnish and install 4 fire hydrant assemblies; remove and savage 4 fire hydrants assemblies; furnish and install 24 water services; dewater, remove existing plug and tapping existing mains; furnish and install 20" and 24" steel casing and install gravity sewer within steel casing.

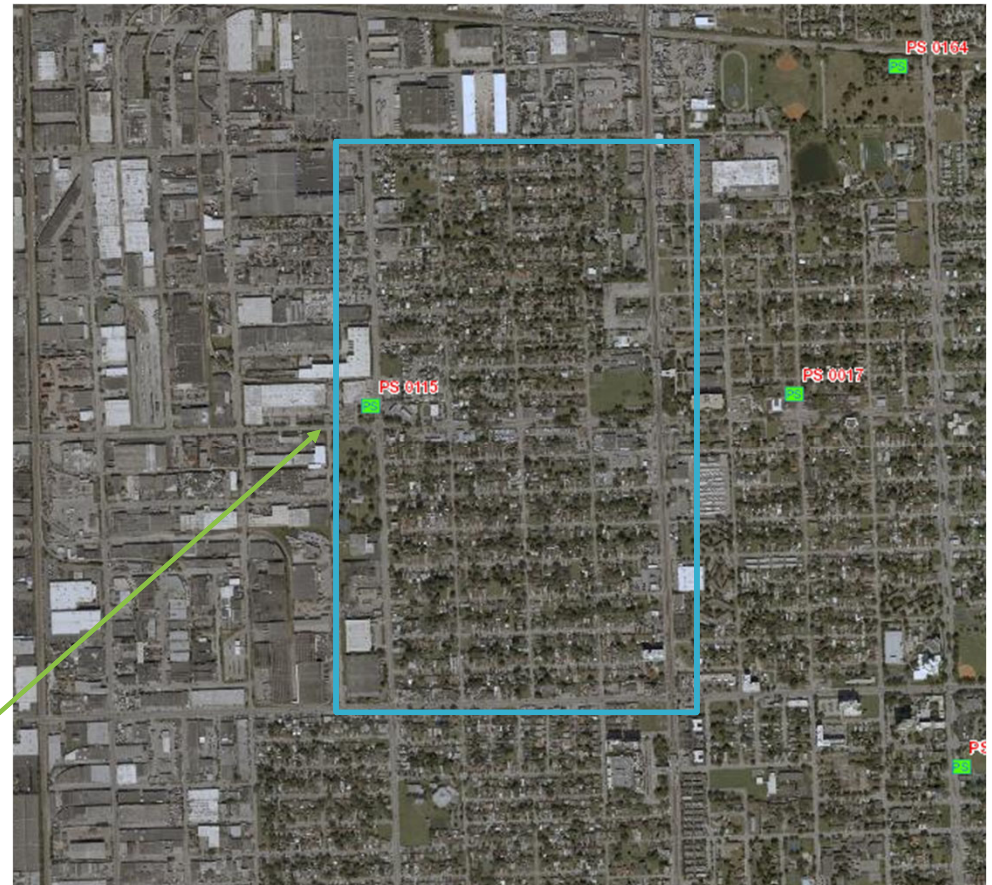


Project Locations

## T-15152 General Obligation Bond, Basin 115 East

- **Estimated Construction Cost: \$5M**
- **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

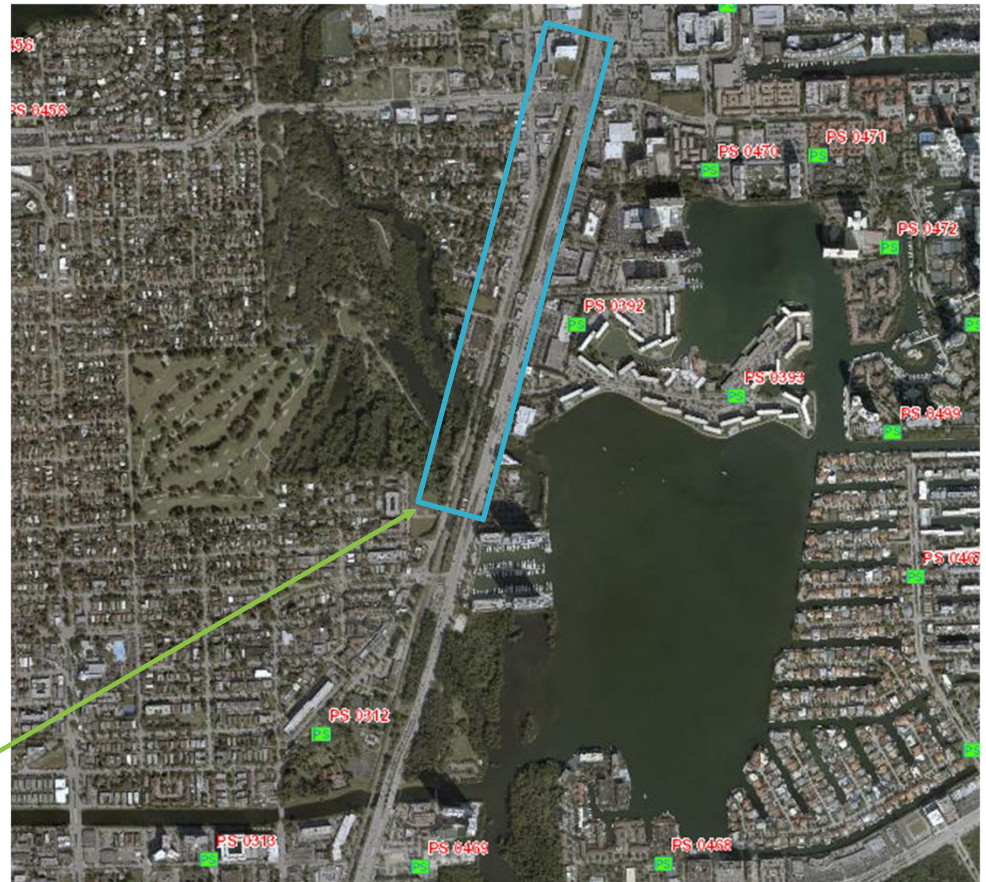
Project Location





## 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



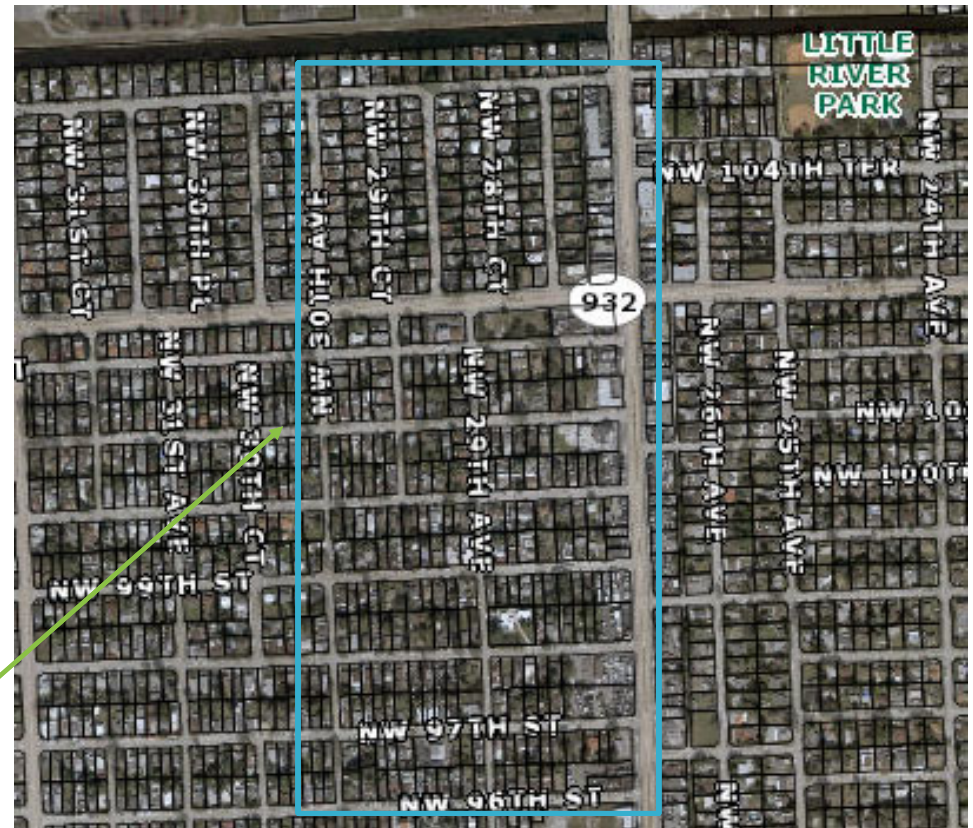
## T-16113 General Obligation Bond, Basin 1262 North

**Estimated Construction Cost: \$6.7M**

**Location:** NW 27 Ave from NW 96 St (PS 1262) to NW 106 St

**Scope:** Furnish and install 4,198 linear feet of ductile iron water main with seated gated valves and fittings; and 12,071 linear feet of PVC gravity sewer main, both in varying sizes; install 51 concrete sanitary manholes; install 7 fiberglass sanitary manholes; install 74 sanitary sewer services; furnish and install 8 fire hydrant assemblies; furnish and install 37 water services; dewater, remove existing plug and tapping existing mains

**Project Location**



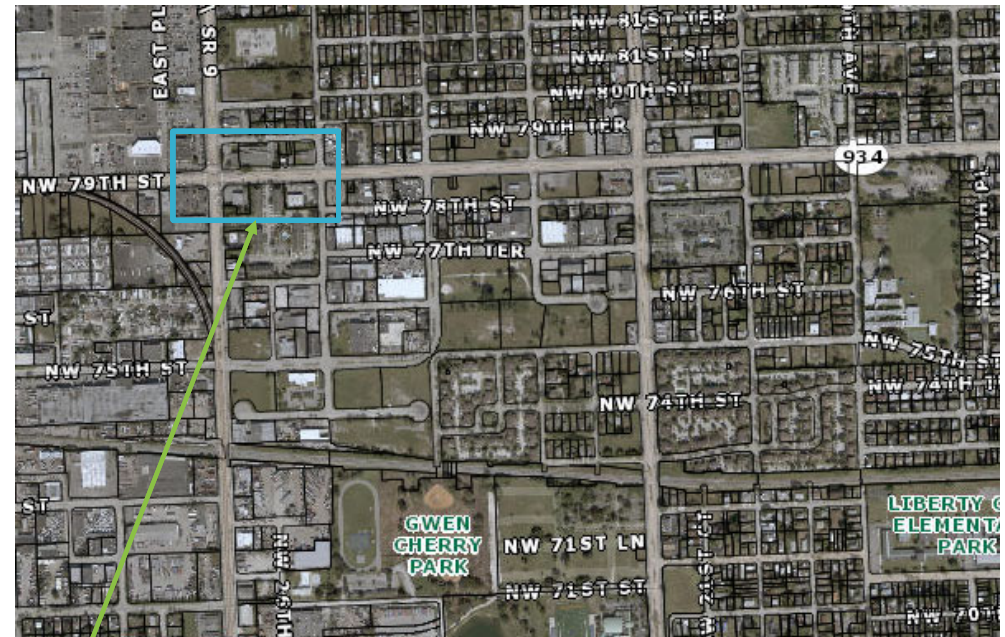


## T-16155 General Obligation Bond, Basin 191

**Estimated Construction Cost: \$7.3M**

**Location:** NW 78 ST, NW 79 TERR, NW 77 ST, NW 76 ST and NW 75 ST.

**Scope:** Furnish and install 6,144 linear feet of ductile iron water main with seated gated valves and fittings; and 6,563 linear feet of PVC gravity sewer main, in varying sizes; install 27 concrete sanitary manholes; install 8 fiberglass sanitary manholes; install 80 sanitary sewer services; furnish and install 3 fire hydrant assemblies; furnish and install 34 water services; dewater, remove existing plug, cut and plug existing mains, tapping existing mains.



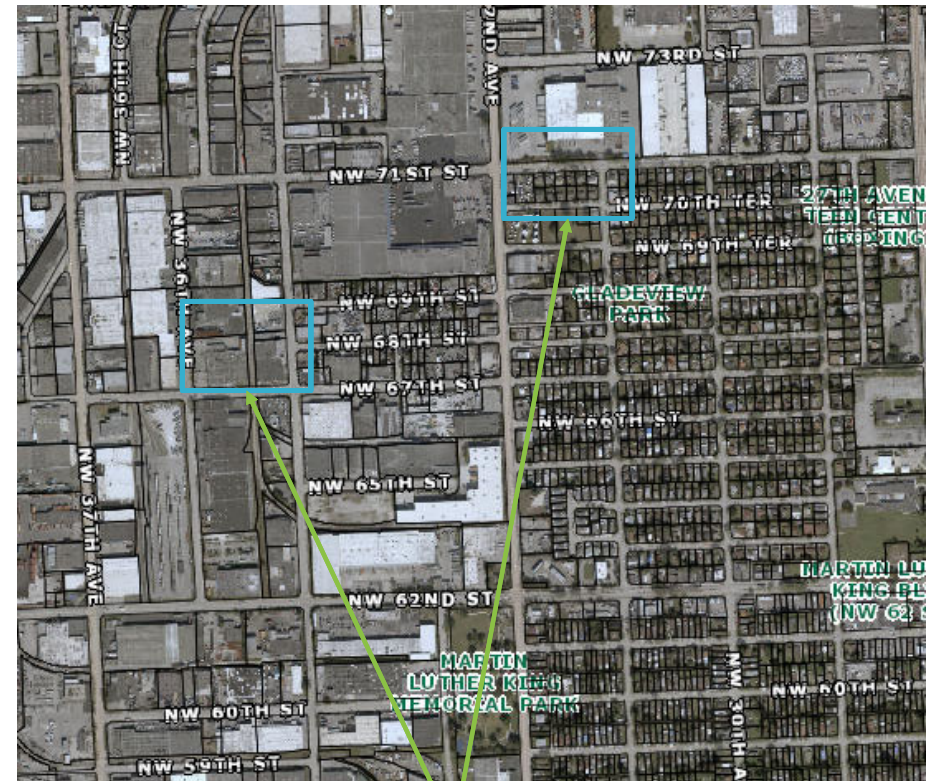
Project Location

## T-15148 General Obligation Bond, Basin 1264 S-3

### Estimated Construction Cost: \$9.6M

**Location:** NW 73<sup>rd</sup> St from NW 27<sup>th</sup> Ave to NW 35<sup>th</sup> Ave., NW 35<sup>th</sup> Ave from NW 71<sup>st</sup> St to NW 67<sup>th</sup> St., NW 69<sup>th</sup> St from NW 35<sup>th</sup> Ave to NW 32<sup>nd</sup> Ave., NW 68<sup>th</sup> St from NW 35<sup>th</sup> Ave to NW 32<sup>nd</sup> Ave., NW 67<sup>th</sup> St from NW 35<sup>th</sup> Ave to NW 32<sup>nd</sup> Ave.

**Scope:** Furnish and install 11,224 linear feet of ductile iron water main with seated gated valves and fittings; 1,271 linear feet of ductile iron for sewage force main and 13,278 linear feet of PVC gravity sewer main, in varying sizes; install 66 concrete sanitary manholes; install 4 conflict concrete manholes; install sanitary sewer services; core drill 1 existing sanitary manhole; furnish and install 32 fire hydrant assemblies; remove and savage 11 fire hydrants assemblies; furnish and install 36 water services; dewater, remove existing plug and tapping existing mains.



Project Location





## PUMP STATION PROJECTS



## UPCOMING PUMP STATION UPGRADES

Less than \$5M	More than \$5M
T-16148 Pump Station 382 8-inch Force Main Pipe Installation, <b>\$1 M</b>	
T-16133 Pump Station 686 Conversion to Submersible, <b>\$1 - \$2M</b>	
T-15159 General Obligation Bond, Pump Station D2B, <b>\$1 - \$2M</b>	
T-15140 General Obligation Bond, Pump Station 1264 Basin S-4, <b>\$1 - \$2M</b>	
T-16132 Pump Station 848 Conversion to Submersible <b>\$1 - \$2M</b>	
T-16278 Pump Station 174 Upgrade, <b>\$1 - \$2M</b>	
T-15138 General Obligation Bond, Pump Station 1262 S-1, <b>\$1 - \$2M</b>	
T-16116 Pump Station 1044 Refurbishment, <b>\$1 - \$2M</b>	
T-16115 Pump Station 1043 Upgrade Submersible, <b>\$1 - \$2M</b>	
T-16140 Pump Station 382 Upgrade Submersible Sewage, <b>\$2M+</b>	
T-16125 Pump Station 493 Refurbishment, <b>\$2.6M+</b>	
T-16112 Pump Station 694 Upgrade Submersible, <b>\$2.7M</b>	



# T-16148 Pump Station 382 Force Main Pipe Installation

**Estimated Construction Cost: \$1 - \$2M**

**Location:** From NW 170<sup>th</sup> ST to NW 171<sup>st</sup> ST

**Scope:** The project consists of furnishing and installing 1,180 L.F. of 8-inch Ductile Iron force main, valves, air releases, fittings, and related appurtenances. Includes pavement restoration, as well as ancillary work such as dewatering, removing unsuitable soils and using suitable backfill are necessary, tree protection, and general site restoration.

**Project Location**



# T-16133 Pump Station 686 Conversion to Submersible

**Estimated Construction Cost: \$1 - \$2M**

**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**



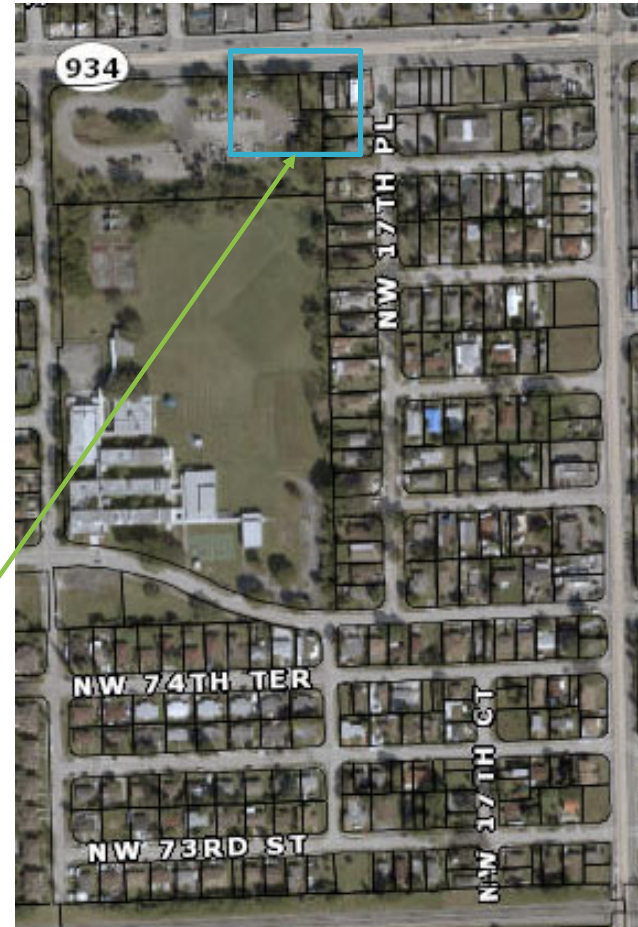
## T-15159 General Obligation Bond, Pump Station D2B

**Estimated Construction Cost: \$1 - \$2M,**

**Location:** 1830 NW 79<sup>th</sup> Street, Miami, FL 33147

**Scope:** Furnish and install new wet well with two new submersible pumps FLYGT NP 3202.095 pumps with 316mm impellers, 45 HP and 1770 rpm; new internal piping to connect to a proposed manhole for new incoming flow; furnish and install a new valve vault; install 8" DIP force main; furnish and install electrical and control system inclusive of the necessary electrical wiring and conduits; electrical work including installation of electrical service conduit to FPL Pole; coordinate with FPL for new electrical service and easement for site transformer

**Project Location**





## T-15140 General Obligation Bond, Pump Station 1264 Basin S-4

**Estimated Construction Cost: \$1 - \$2M**

**Location:** 3335 NW 71<sup>st</sup> Terrace, Miami, FL 33147

**Scope:** Furnish and install new wet well with two new submersible pumps FLYGT NP 3202.095 pumps with 316mm impellers, 45 HP and 1770 rpm; new internal piping to connect to a proposed manhole for new incoming flow; furnish and install a new valve vault; install 8" DIP force main; furnish and install electrical and control system inclusive of the necessary electrical wiring and conduits; installation of electrical service conduit to FPL Pole on NW 71 Terrace; coordinate with FPL for new electrical service from pole mounted transformer.



Project Location



# T-16132 Pump Station 848 Conversion to Submersible

**Estimated Construction Cost: \$1 - \$2M**

**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**



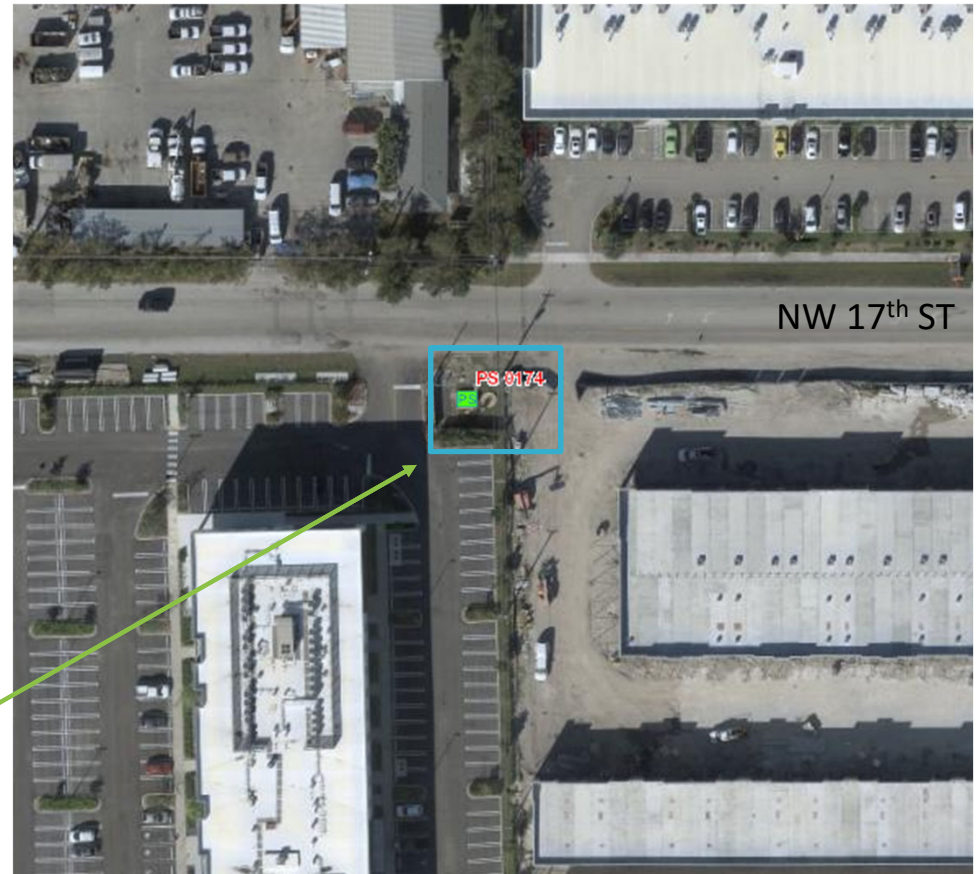
# T-16278 Pump Station 174 Upgrade

**Estimated Construction Cost: \$1 - \$2M**

**Location:** 10900 NW 17<sup>th</sup> St,  
Sweetwater, 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-15138 General Obligation Bond, Pump Station 1262 S-1

**Estimated Construction Cost: \$1 - \$2M**

**Location:** 9590 NW 25<sup>th</sup> Ave

**Scope:** Furnish and install new wet well with two new submersible pumps with 44 HP; new internal piping to connect to a proposed manhole for new incoming flow; furnish and install a new valve vault; install 128 LF of 10" DIP force main; furnish and install electrical and control system inclusive of the necessary electrical wiring and conduits; connection of new electrical service to FPL transformer.



**Project Location**



# T-16116 Pump Station 1044 Refurbishment

**Estimated Construction Cost: \$1 - \$2M**

**Location:** 17590 SW 142<sup>nd</sup> Ave, Miami, FL, 33177

**Scope:** Refurbishing and modifying the existing underground structures (wet well and dry well). All existing pumps, piping and electrical equipment will be removed and replaced with new equipment. Existing wet well will house two (2) new submersible pumps and the existing dry well will be converted into a new valve vault. Work also includes pavement restoration and site rehabilitation, as necessary.

**Project Location**





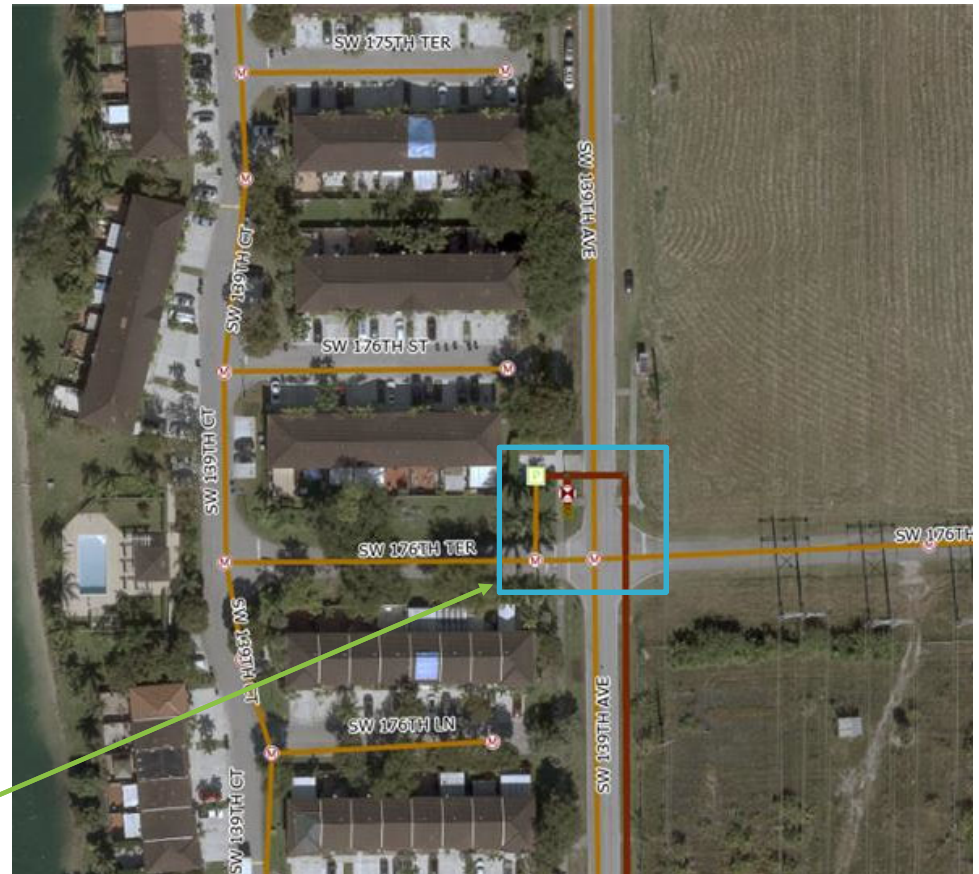
# T-16115 Pump Station 1043 Upgrade Submersible

**Estimated Construction Cost: \$1 - \$2M**

**Location:** Near Southeast corner of SW 176th Terr and 139th Ave, Miami, FL 33177

**Scope:** Refurbishing and modifying the existing underground structures (wet well and dry well). All existing pumps, piping and electrical equipment will be removed and replaced with new equipment. Existing wet well will house two (2) new submersible pumps and the existing dry well will be converted into a new valve vault. Work also includes pavement restoration and site rehabilitation, as necessary.

**Project Location**



# T-16140 Pump Station 382 Upgrade Submersible Sewage

**Estimated Construction Cost: \$2M+**

**Location:** Southwest Corner of NW 84<sup>th</sup> St, Miami, FL 33015

**Scope:** Remove and dispose of existing pump station components, including proper abandonment of existing structures, water and sewer mains, and related appurtenances; Install new pump station (approximately 150 feet from existing pump station) and all related appurtenances on right of way, replace and reroute existing gravity main segment, install new discharge force main and connect to force main along right of way; paving, sod, and sidewalk shall be part of the work.

**Project Location**





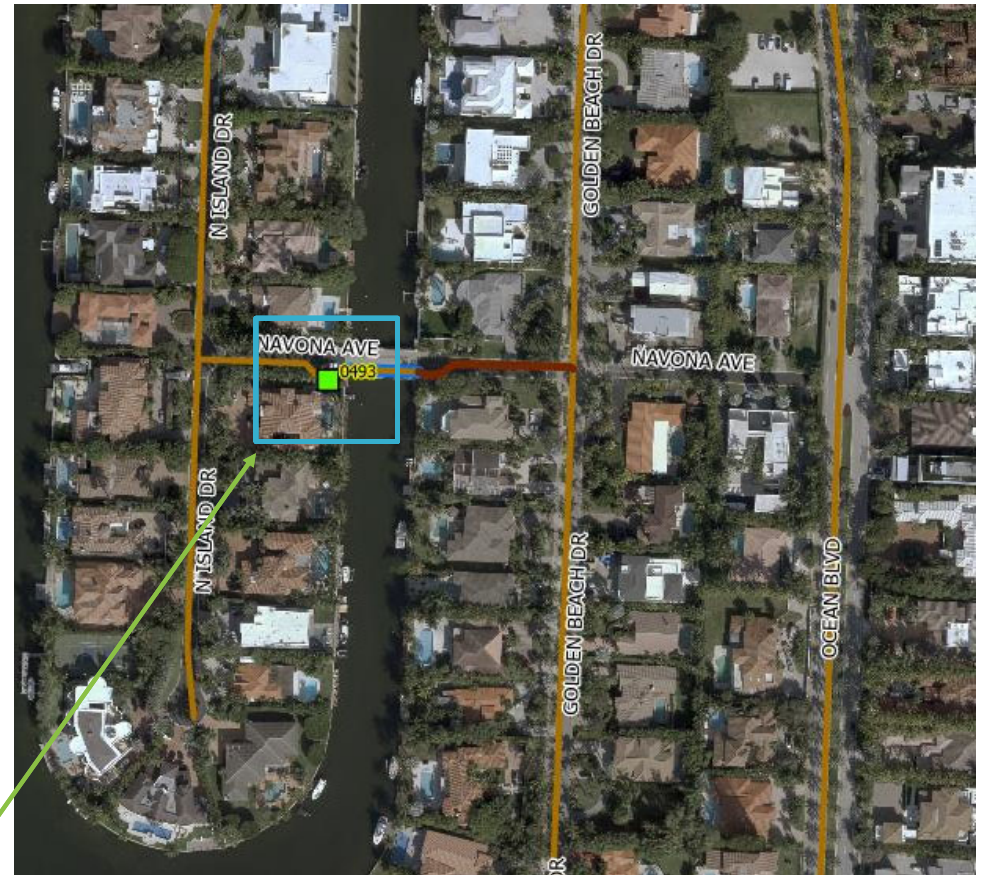
# T-16125 Pump Station 493 Refurbishment

**Estimated Construction Cost: \$2.6M+**

**Location:** 500 Navona Ave, Golden Beach, FL 33160

**Scope:** This work consists of refurbishing and modifying the existing underground structures wet well. The existing valve vault will be demolished and a larger valve vault will be installed. All existing pumps, piping and electrical equipment will be removed. Existing wet well will house two (2) new submersible pumps that discharge through the new valve vault. Work also includes pavement restoration and site rehabilitation, as necessary.

**Project Location**





# T-16112 Pump Station 694 Upgrade

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

**Location:** 3811 SW 108<sup>th</sup> Ave, Miami, FL 33165

**Scope:** The project consists of removal and disposal of internal components and demolition of the existing wet well and dry well; removal of 74 linear feet of existing 8-inch force main, 20 linear feet of existing 8-inch CIP sanitary sewer, existing pump station appurtenances, backflow preventer and air vent, 121 linear feet of chain link fence and 60 linear feet of wood fence, grass, and all other items deemed necessary to be removed to leave the property ready to be restore. Work also includes pavement restoration and site rehabilitation, as necessary.



**Project Location**



## TREATMENT PLANT IMPROVEMENTS



## WATER AND WASTEWATER



## UPCOMING WATER/WASTEWATER TREATMENT PLANT PROJECTS

Less than \$5M	More than \$5M
Relocation of Sewer Meter Box and Electrical Panel, <b>\$0.1M</b>	15093 PW#3 and HIA-MS #12 Wells Rehabilitation for Preston & Hialeah Plants, <b>\$4.7M</b>
Restoration of Concrete Meter Slabs, Sidewalks, Curbs, and Gutters, <b>\$0.35M</b>	T-15383 Central District WWTP Chlorination Facility Hardening, <b>\$5.4M+</b>
T-16049 WWTP Multiple Site Roof Replacement, <b>\$1M+</b>	S-939 North District WWTP: Effluent Pump Station and Electrical Building Upgrades, <b>\$48M+</b>
T-20110 Install Protective Articulated Concrete Mats for NDWWTP Outfalls, <b>\$1M+</b>	S-967 NDWWTP Site Preparation, <b>\$37M</b>
Countywide Contract for Adjusting Manhole Castings and Valve Boxes, <b>\$1.2M</b>	
Removal and Replacement of Valves, <b>\$1.5M</b>	
36th Street Maintenance Facility Site Improvements, <b>\$1.7M</b>	
T-15703 Install Protective Articulated Concrete Mats for CDWWTP Outfalls, <b>\$1.7M+</b>	
Furnish & Install Roofing Upgrades at Various WTP and Related Pump Facilities, <b>\$2.7M</b>	
T-16046 Hialeah Filter Backwash Elevated Tank, <b>\$3.8M</b>	

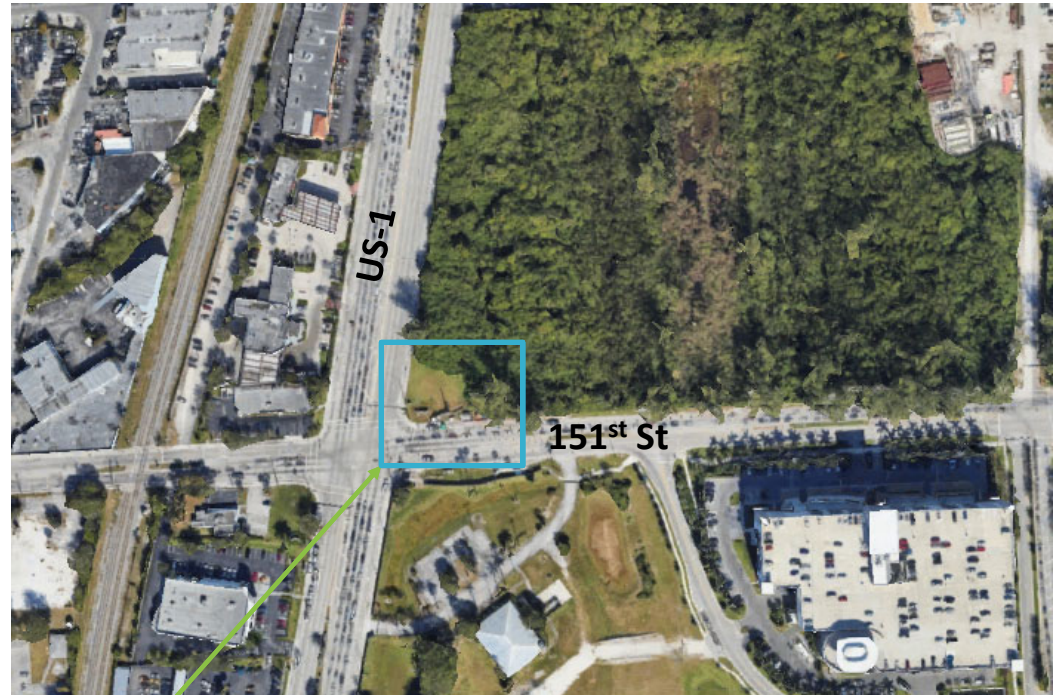


## Relocation of Sewer Meter Box and Electrical Panel

**Estimated Construction Cost: \$0.1M**

**Location: NE 151 St**

**Scope:** The Project consists of relocating the existing Sewer Meter Box and Electrical Panel due to the proposed Miami-Dade Department of Transportation and Public Works (DTPW) roadway improvements for NE 151 Street.



**Project Location**

## Restoration of Concrete Meter Slabs, Sidewalks, Curbs, and Gutters

**Estimated Construction Cost: \$0.35M**

**Location:** Multiple locations around Miami-Dade County

**Scope:** The Project consists of furnishing all materials, labor, and equipment necessary for restoration construction of plain sidewalk slabs, meter sidewalk slabs, curb and gutter damaged as part of underground repairs or new installations done by Department forces. The restoration shall be completed in accordance with the project specifications and other attached documents. The sidewalk, curb and gutter restorations shall be at different locations anywhere within the limits of Miami-Dade County.



## 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**





## 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



## Countywide Contract for Adjusting Manhole Castings and Valve Boxes

**Estimated Construction Cost: \$1.2M**

**Location:** Multiple locations around Miami-Dade County

**Scope:** This Project consists of furnishing all labor, materials and equipment to adjust water main and fire hydrant valve boxes, sanitary sewer manholes, water valve manholes, sewer force main valve boxes, install fire hydrant guard post, construct concrete slab for fire hydrants, compact and install new pavement to the square around the casting with hot mix asphalt and complete all associated work, as ordered by the Department. The Contractor must certify that he has at least two installation crews and equipment available to complete the work in a timely fashion.

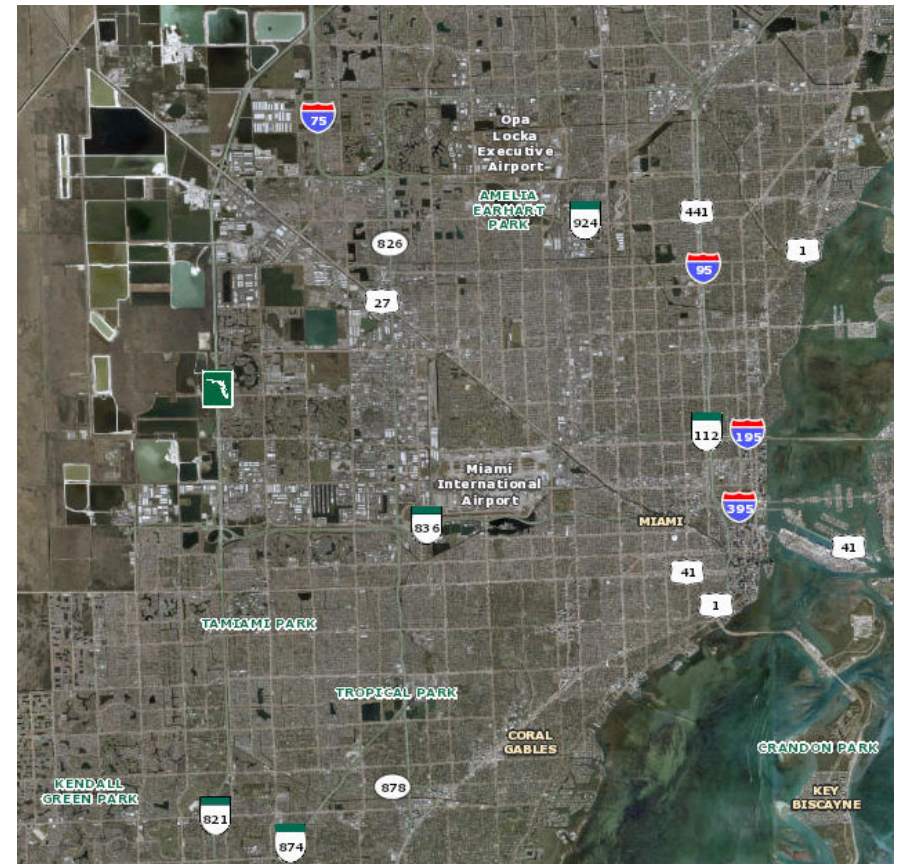


## Removal and Replacement of Valves

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

**Location:** Multiple locations around Miami-Dade County

**Scope:** The Project consists of removal replacement of thirteen (13) large diameter valves at various locations. The Department shall order or furnish from inventory the new butterfly valve to replace the existing valve in the field. The Contractor shall be responsible for furnishing and installing all adapters, pipe lengths and restrains for the valve cut-in installation. Exploratory excavation and permitting shall also be part of the contractor's responsibilities.





## 36th Street Maintenance Facility Site Improvements

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

**Location:** 3625 NW 10<sup>th</sup> Ave, Miami, FL

**Scope:** The project is located within a portion of 3625 NW 10<sup>th</sup> Avenue. The existing site contains two above-ground storage tanks and miscellaneous structures/fencing which are to be removed to allow for the construction of a new surface parking lot and material/equipment storage spaces (the existing maintenance building, pump station, and other features outside of the project limits are to remain without modification).



**Project Location**

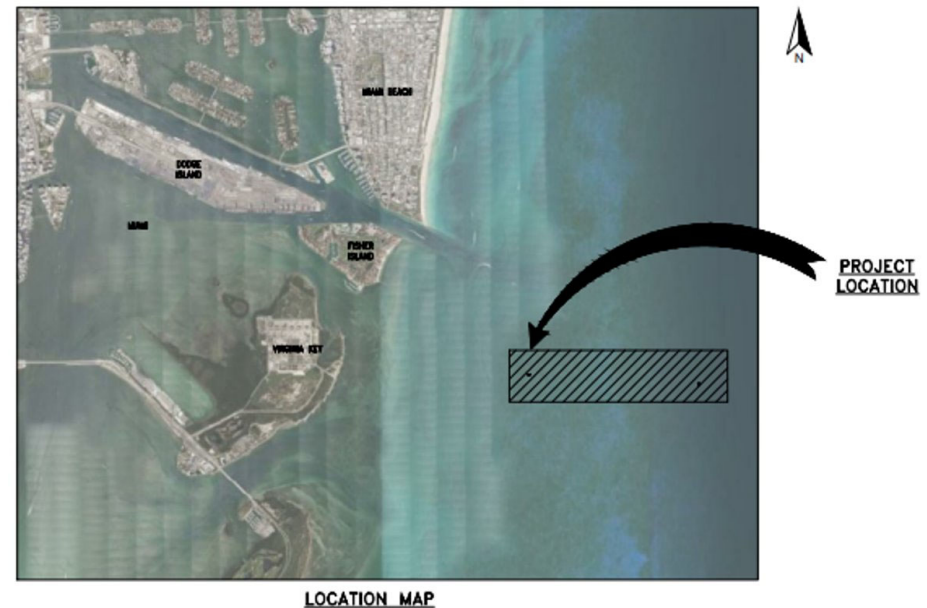
## T-15703 Install Protective Articulated Concrete Mats for Central District WWTP

**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

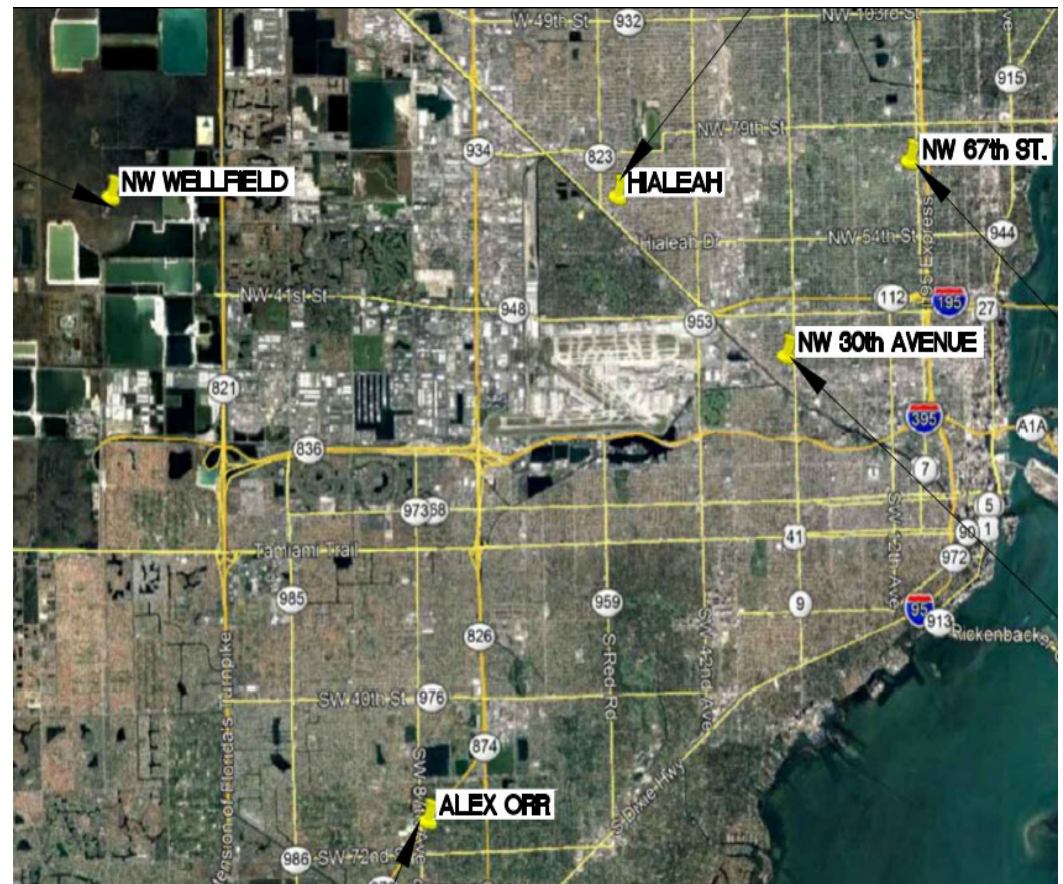


## Furnish & Install Roofing Upgrades at Various WTP and Related Pump Facilities

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

**Location:** Multiple Locations

**Scope:** The project consists of evaluating, designing, permitting, and furnishing all materials, labor, and equipment necessary to replace the existing built-up roofs for various building facilities located at the Hialeah Water Treatment Plant, Alexander Orr Water Treatment Plant, Doral Northwest Wellfield, NW 67 Street Pump Station, NW 30th Avenue Pump Station, and Southwest Wellfield Pump Station with new bituminous built-up roof systems.





## T-16046 Hialeah Filter Backwash Elevated Tank

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

**Location:** Hialeah WTP, 700 W 2 AVE Hialeah FL 33010

**Scope:** The project scope includes furnishing and installation of a 150,000-gallon pre-engineered elevated steel tank, a modulating valve and actuator assembly, a new magnetic flow meter, tank level telemetry transmitters, existing altitude valve at the tank emergency fill line, and a new check valve.

Project Location



## 15093 PW#3 and HIA-MS #12 Wells Rehabilitation for Preston & Hialeah Plants

**Estimated Construction Cost: \$4.7M**

**Location:**

- **PW3** Preston WTP, 1100 W 2 AVE Hialeah, FL 33010
- **HIA-MS12** Hialeah WTP, 700 W 2 AVE Hialeah FL 33010

**Scope:** The scope for Wellhouses PW3 and HIA-MS12 includes site preparation, demolition of existing structures, the furnishing and installation of two (2) 125BHP vertical turbine pumps, the furnishing and installation of one medium voltage transformer, the furnishing and installation of instrumentation and control panels, and the installation of new landscaping. Additionally, in order to mitigate schedule delays, the pumps and transformer are being procured by Owner Direct Purchase.





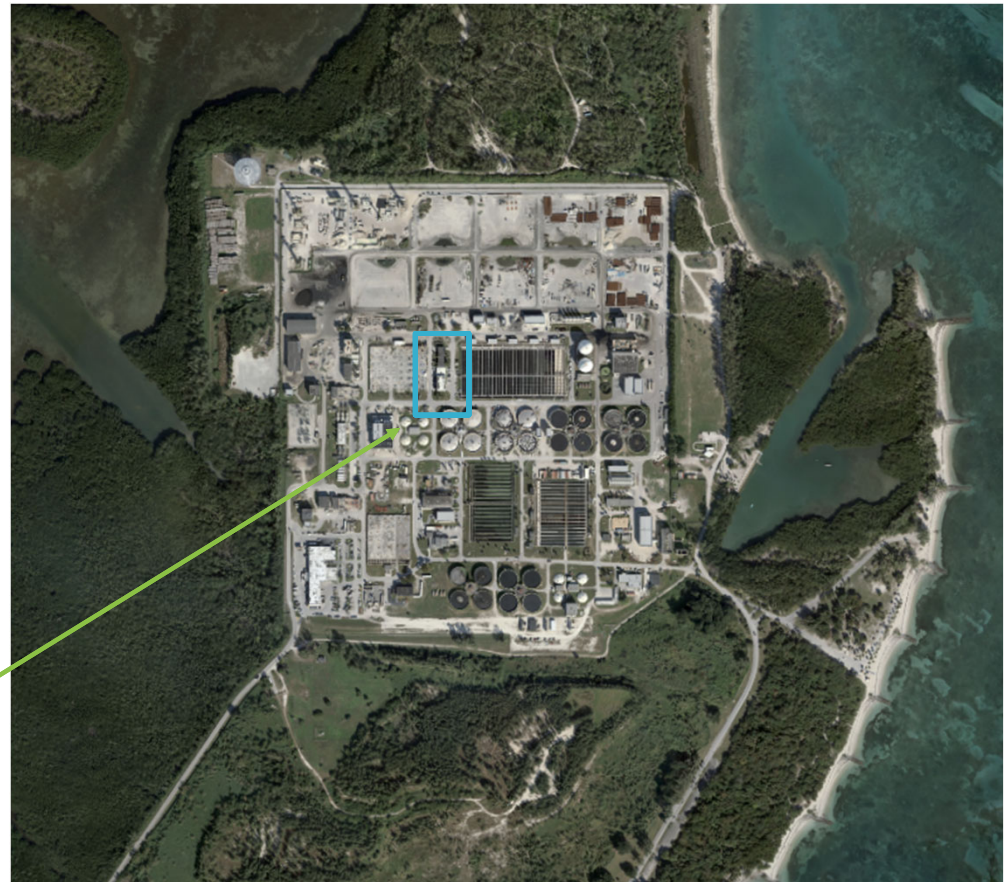
## T-15383 Central District WWTP Chlorination Facility Hardening

**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**





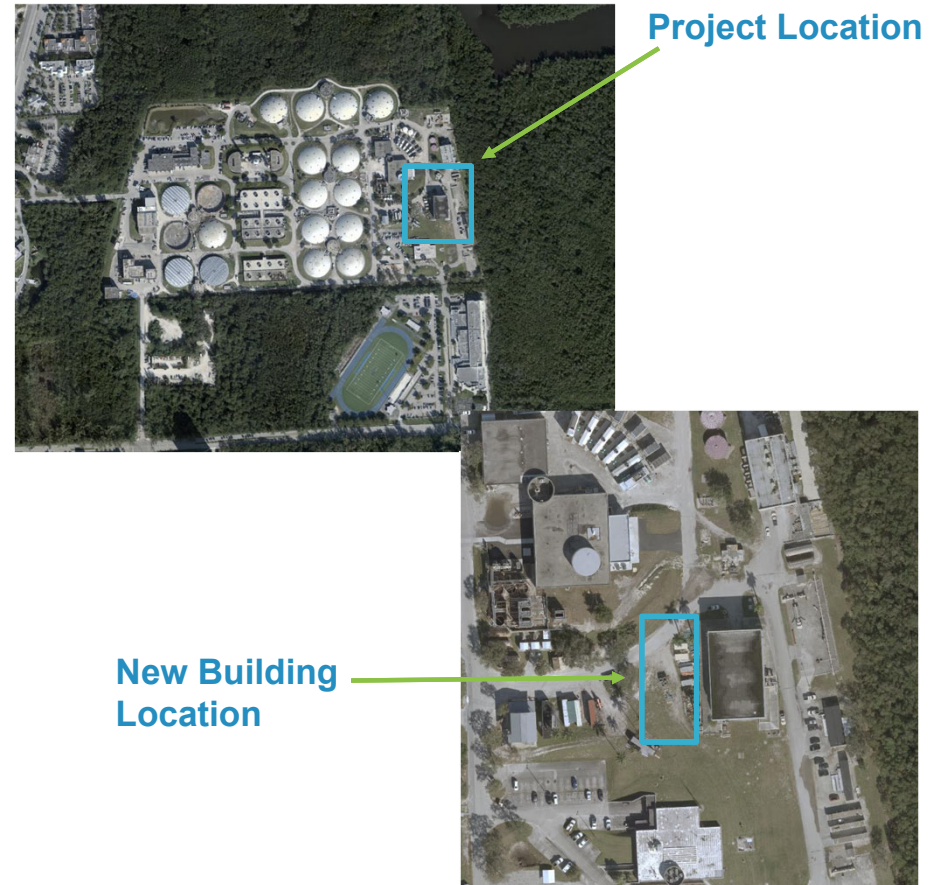
## S-939 North District WWTP: Effluent Pump Station and Electrical Building Upgrades

**Estimated Construction Cost: \$48.6M**

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

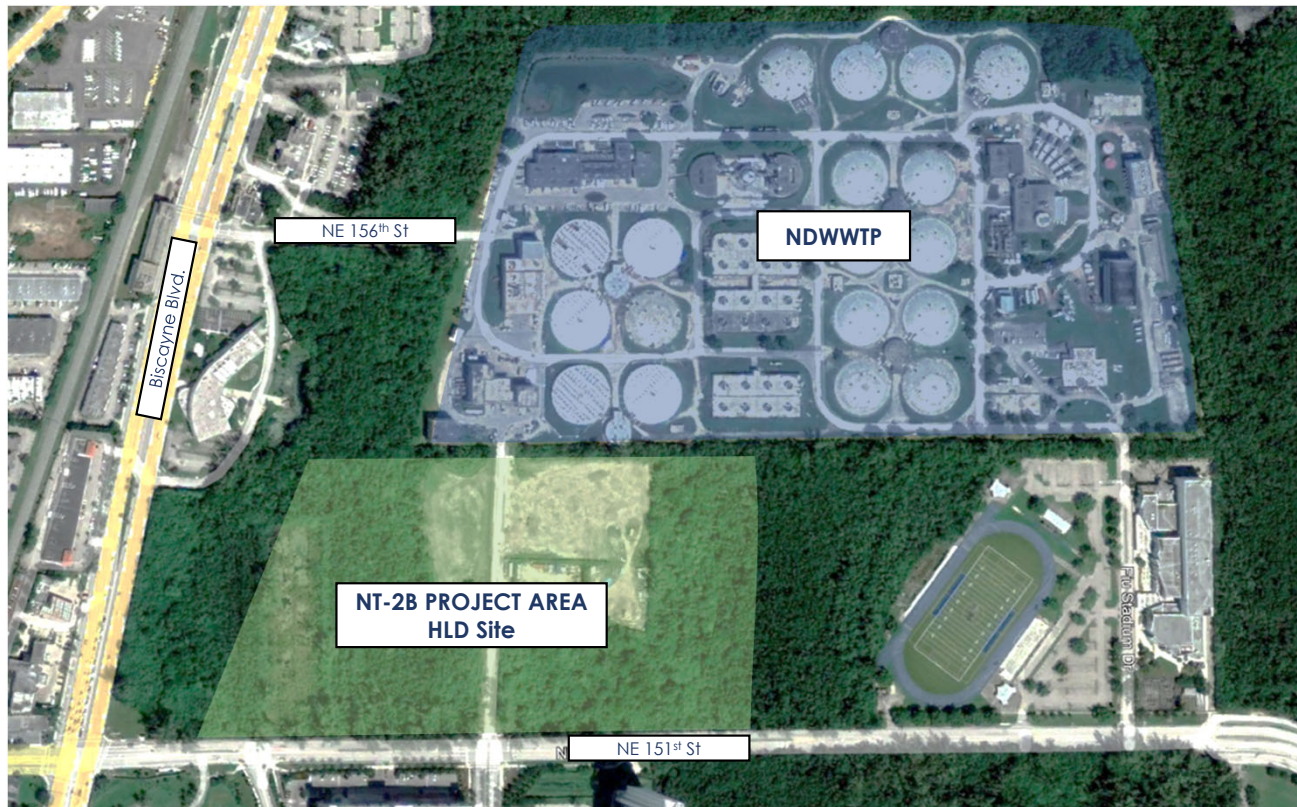
**Scope:** Convert three pumps, motors, and associated variable frequency drives to transfer flow to the proposed high level disinfection facilities; furnish all materials, labor and equipment to construct a new electrical building, including

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



# NDWWTP SITE PREPARATION (S-967)

## Overview

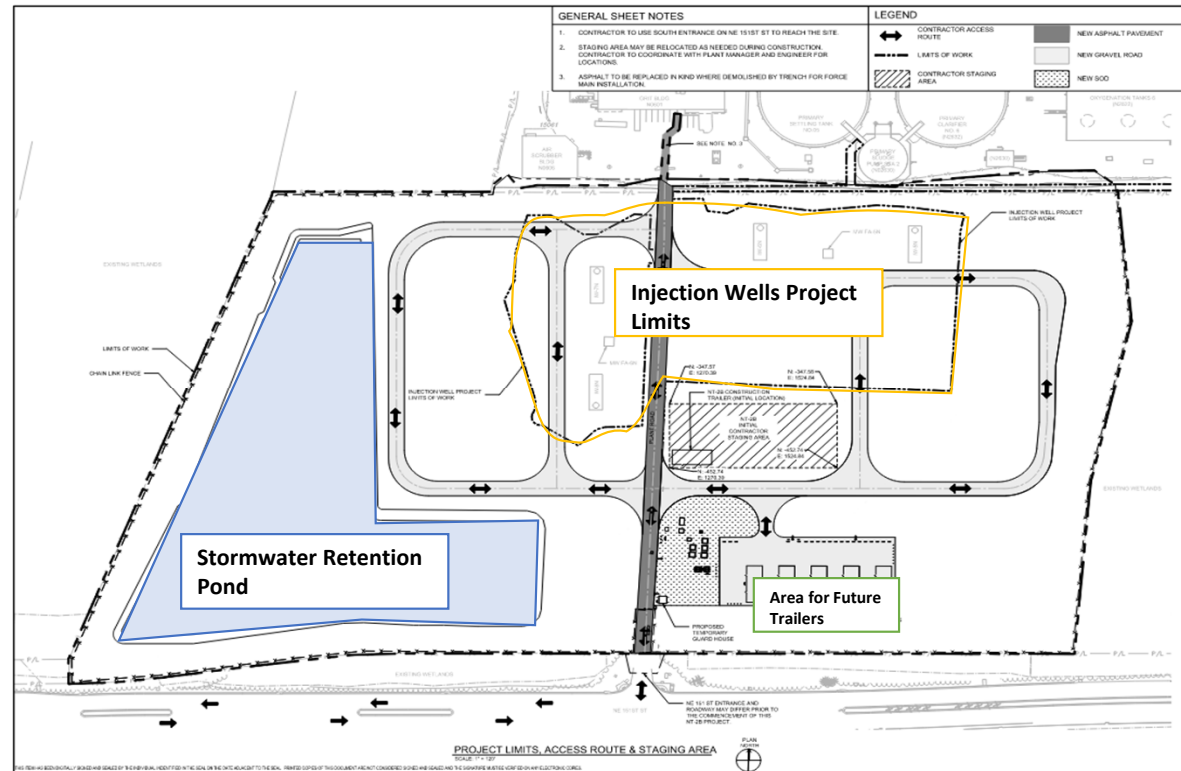


Miami-Dade County Water and Sewer Department is developing projects on a 27-acre parcel southwest of the developed NDWWTP site to prepare for the subsequent projects for the plant's expansion.

# NDWWTP SITE PREPARATION (S-967)

## Scope

- Clearing of the undeveloped site
- Deforest approximately 17.2 acres of wetlands
- Muck removal from wetlands
- Placement of borrow fill
- Stormwater retention pond
- Temporary roads
- Prepare staging area for construction trailers including water, sanitary sewer and power service
- Relocation of FPL temporary facilities

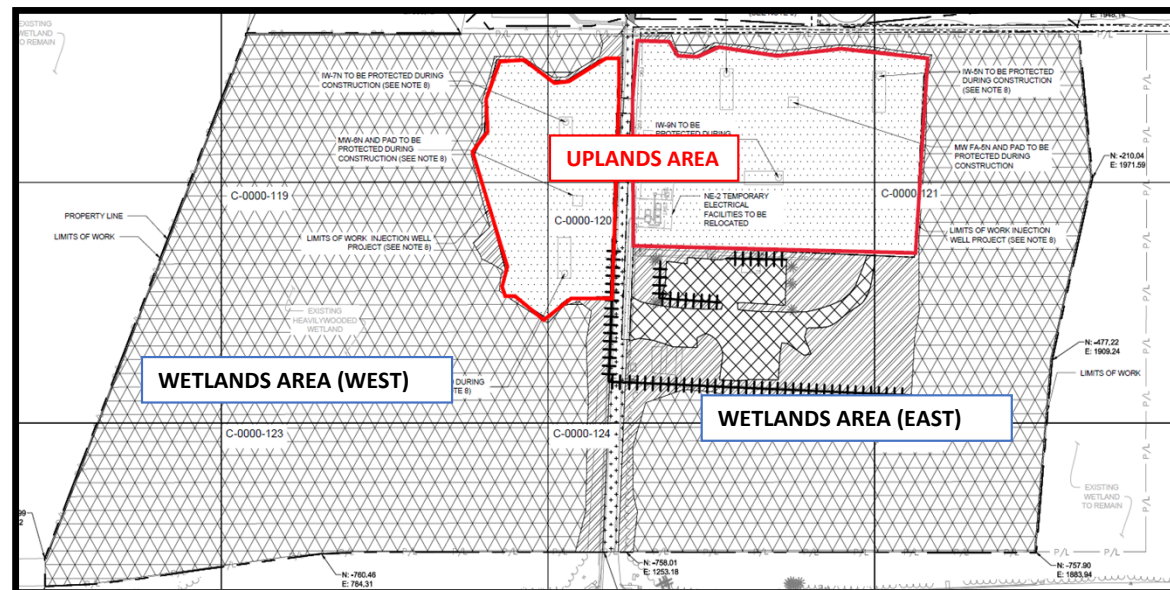




# NDWWTP SITE PREPARATION (S-967)

## Earthwork Quantities

- All organic material needs to be removed.
- Average depth of organic material in wetlands area 4.7ft.
- Estimated muck removal **~135k CY**
- Estimated Fill Volume **~350k CY**
- Site elevation after completion of project will range between 6 and 14 ft NGVD29



# NDWWTP SITE PREPARATION (S-967)

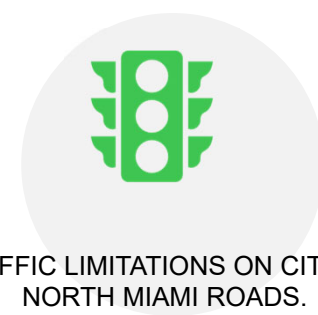
## Unique Conditions



LARGE VOLUME OF MUCK REMOVAL  
AND FILL MATERIAL REQUIRED FOR  
RAISING THE SITE.  
ESTIMATED: 100 – 20 CUBIC YARD  
TRUCKS PER DAY



WORK MUST BE COORDINATED WITH  
AN ACTIVE, OPERATIONAL  
WASTEWATER TREATMENT PLANT



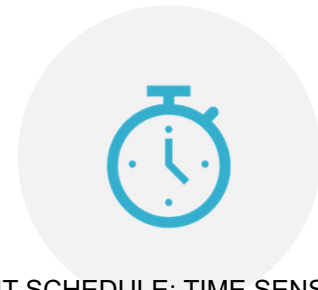
TRAFFIC LIMITATIONS ON CITY OF  
NORTH MIAMI ROADS.



SCHEDULED ROADWAY  
IMPROVEMENT WORK ON 151<sup>ST</sup>  
STREET MAY CONFLICT WITH  
PROJECT.



CONTRACTOR MUST FOLLOW  
EXISTING SOIL AND GROUNDWATER  
MANAGEMENT PLAN



TIGHT SCHEDULE: TIME SENSITIVE  
PROJECT REQUIRED TO BE  
COMPLETED BEFORE OTHER  
COMPLIANCE PROJECTS CAN BEGIN.

# ONE-ON-ONE MEETINGS

---

## 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 Manager



Meetings can be held in a group or individual project basis

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



# FUTURE CONSTRUCTION INDUSTRY MEETINGS

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

Next meeting will be held in **July 2024**; will include an overview of projects to be advertised in the next six months

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

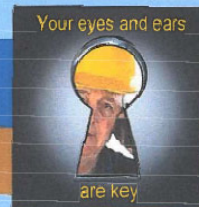
Please feel free to provide us with your feedback



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

## 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 Code of Silence
- Employee misconduct and conflicting outside employment



**Online at:**  
**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)

