

CONSTRUCTION INDUSTRY MEETING

Date: March 28, 2025 | **Time:** 10 a.m. | **Location:** Hybrid - details to follow



The Miami-Dade County Water and Sewer Department is hosting a Construction Industry Meeting and all are encouraged to attend. Attendees will have the opportunity to learn more about currently advertised projects and projects to be advertised within the coming months.

Topics to be discussed will 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



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upcoming meetings

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Miami-Dade County Water and Sewer Department
Utility Construction Division



CONSTRUCTION INDUSTRY MEETING

March 28, 2025

AGENDA

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



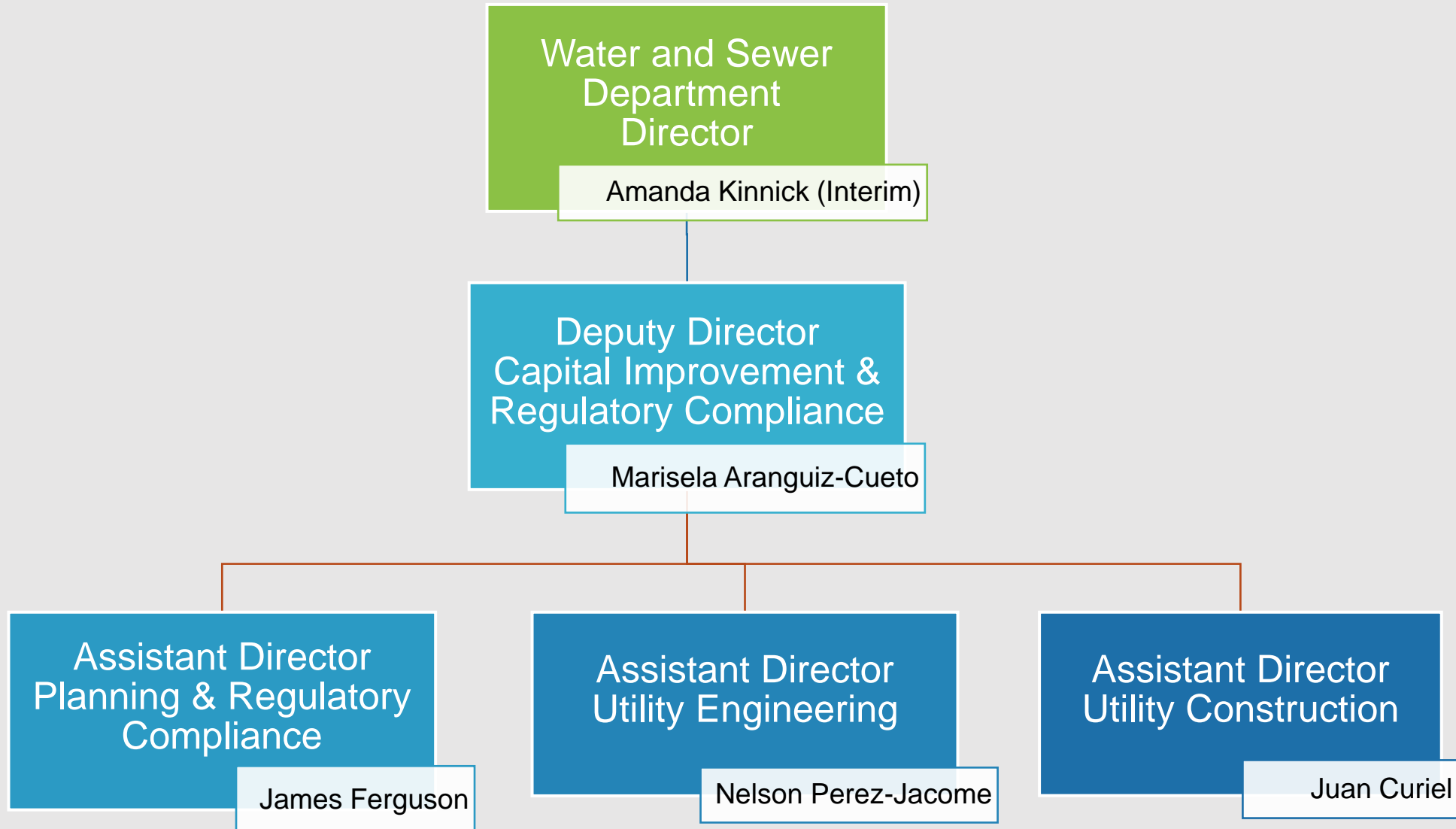


INTRODUCTION

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.



CONSTRUCTION CONTRACT INFORMATION



HB 705 Impact

House Bill (HB) 705 went into effect on July 1, 2024 and impacts the MDC Small Business Construction Program.

What is gone:

- SBE Construction goals;
- MDC Responsible Wages and Benefits;
- MDC Employment Programs (i.e., Residents First, Community Workforce Program);
- MCC 7040 contracts

What remains:

- MCC 7360
- SBE Goods & Services goals for incidental activities that do **NOT** require a construction license
 - Examples of Services: Security, Janitorial, Landscaping, Maintenance, Transportation
- SBD will work with bidders – Ask for clarification by RFI during bidding.
- MDC remains committed to providing opportunities for small businesses

Not retro-active: **HB 705 DOES NOT APPLY TO CONTRACTS ENTERED INTO BEFORE JULY 1, 2024.**

If you entered a contract **BEFORE** July 1, 2024, all SBE goals, wage requirements, and employment programs required at the time of bid **REMAIN IN FULL FORCE AND EFFECT.**

WASD ENCOURAGES CONTRACTORS TO WORK WITH SMALL BUSINESSES WHENEVER POSSIBLE

Construction Contracts

There is open, competitive bidding on all construction contracts, plus five (5) pre-qualified emergency pools.

Non-Emergency Solicitations

- Under \$5 million will be MCC 7360 “P” Contract
- Over \$5 million will be “S” or “W” Contract
- May bid without being a registered vendor
- Must be registered as a vendor before award
- For 7360 must submit a completed MCC Program Registration Form

Advertisements are on Thursdays

- **Over \$5 million** advertised on web **ONLY**
- <https://www.miamidade.gov/global/navigation/legal-ad-index.page>
- Request to be added to email list & receive ads by email when issued
- **MCC** - Published on Web & in Miami Today
- <https://www.miamitodaynews.com/advertise/legal-advertising/>

Emergency Pools

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

MCC Program managed by Miami-Dade Small Business Division

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

WASD Small Business Initiative: WASDSMALLBUSINESS@miamidade.gov

Total Contracts Awarded – 11/17/2020 through 02/28/2025

Type	Amount Awarded
MCC 7040	\$104.5M
MCC 7360	\$71.6M
Projects > \$5M	\$1.29B



TOTAL CONTRACTS AWARDED: \$1.46B
TOTAL AWARDED TO SMALL BUSINESS: \$219M



PIPELINE PROJECTS



UPCOMING PIPELINE PROJECTS

Less than \$5M	More than \$5M
P-16181 - Replace 660 linear feet of ductile iron pipe with PVC pipe along Venetian Way, \$0.5M	P-16114 General Obligation Bond, Basin 0115 S-5, \$5.1M
P-20002 - Furnish and install 1,471 linear feet of 8-inch ductile iron pipe along NE 206 th and 205 th Street between NE 26 th Avenue and W Dixie Highway, \$0.7M	P-16092 - Furnish and install approx. 5,266 linear feet 8-inch ductile iron pipe water main, \$5.9M
P-15546 Furnish and install 8-inch PVC C900 DR14 force main along Crandon Blvd, \$0.9M	P-16135 - Furnish and install approx. 26,000 linear feet of 8-inch ductile iron pipe at Snapper Creek, \$6.4M
P-20006 - Furnish and install 1,235 linear feet of 8-inch ductile iron pipe along SW 6 th Street, \$1.0M	P-16155 General Obligation Bond, Basin 191, \$7.3M
P-16148 Furnish and install forcemain at PS 382, \$1.3M	P-16179 - PS-0415 to PS-0422 Transmission forcemain replacement, \$8.3M
P-14869 Replacement of 2,471 linear feet of 6-inch asbestos cement forcemain, \$1.7M	S-16201 36-inch Aventura redundant forcemain, \$45.8M

UPCOMING PIPELINE PROJECTS

Less than \$5M	More than \$5M
<p>P-16108- Furnish and install approx. 5,350 linear feet of 8-inch ductile iron pipe, \$2.3M</p> <p>P-16208 - Furnish and install 2,670 linear feet of 12-inch ductile iron pipe along Federal Highway - Biscayne Blvd, \$2.3M</p> <p>P-16093 - Furnish and install approx. 5,650 linear feet 8-inch ductile iron pipe water main, \$2.4M</p> <p>P-16180 - Furnish and install approx. 5,321 linear feet of 12-inch ductile iron pipe Water Main along SW 82 Avenue, \$2.5M</p> <p>P-14880 Furnish and install Water and Sewer Facilities Along SW 152nd Street, \$3.2M</p> <p>P-16223 - Furnish and install 8-inch ductile iron pipe, \$4.7M</p>	

P-16181 - Replace 660 linear feet of ductile iron pipe with PVC pipe along Venetian Way

Estimated Construction Cost: \$0.5M

Location: Along Venetian Causeway
(City of Miami)

Scope: Replace approximately 660 linear feet of existing 10-inch ductile iron pipe with PVC pipe from PS 0058 West up to the transition adapter to the existing HDPE line along Venetian Way

PROJECT
LOCATION



P-20002 - Install 1,471 linear feet of 8-inch ductile iron pipe along NE 206th and 205th Street bet NE 26 Avenue and W Dixie Highway

Estimated Construction Cost: \$0.7M

Location: Along NE 206th Street Between NE 26th Avenue and West Dixie Highway (Unincorporated Miami Dade County)

Scope: Furnish and install approximately 1,471 linear feet of 8-inch ductile iron pipe along NE 206 and 205th Street between NE 26 Avenue and West Dixie Highway to replace existing 6-inch PVC watermain with a history of structural failures (leaks and repairs). Provide water services and fire hydrants as needed.

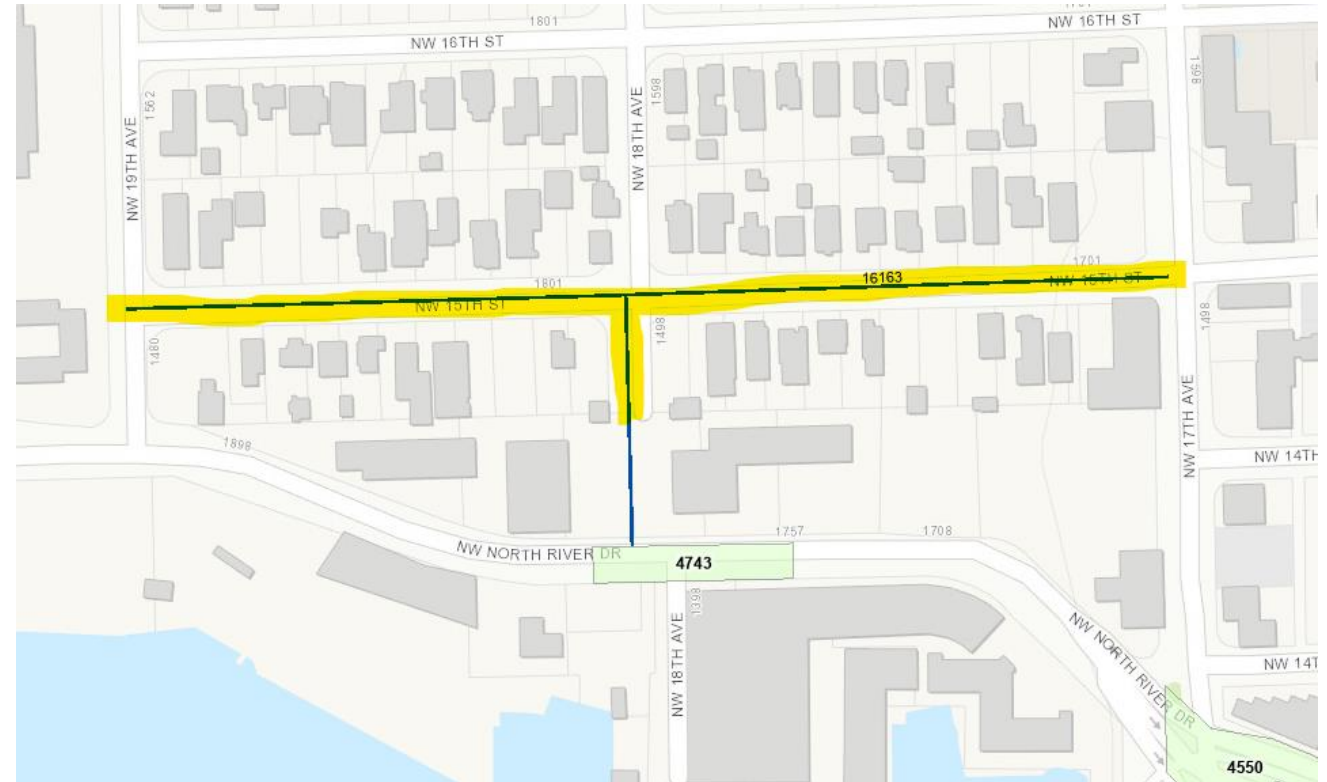


P-16163 - Design & Install 1,720 linear feet of 8-inch ductile iron pipe along NW 15th Street Between NW 17th & 19th Avenue

Estimated Construction Cost: \$0.9M

Location: Along NW 15 Street Between NW 17th & 19th Avenue (City of Miami)

Scope: Furnish and install approximately 1,720 linear feet Of 8-inch ductile iron pipe along NW 15th Street between NW 17th & 19th Avenue to Replace 2-inch galvanized watermain

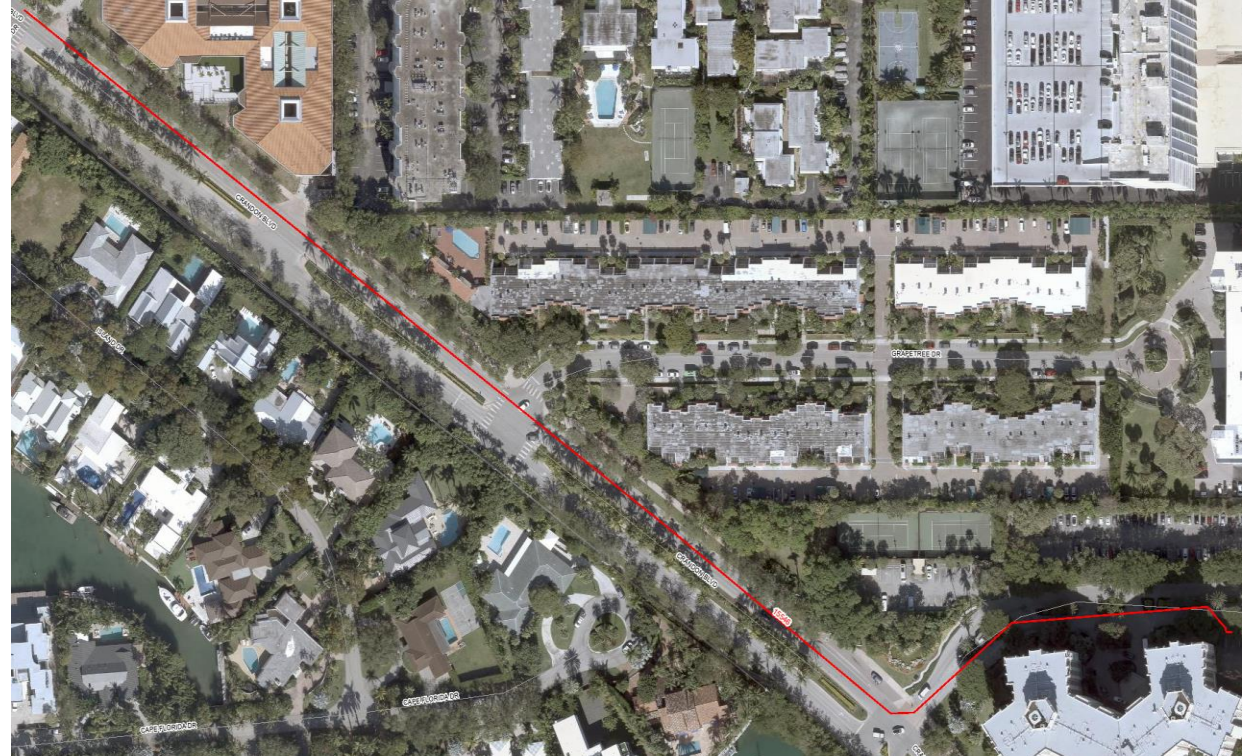


P-15546 Furnish & Install 8-Inch PVC C900 DR14 Force Main along Crandon Blvd. from PS-0138 to Knollwood Drive

Estimated Construction Cost: \$0.9M

Location: Crandon Boulevard from PS-0138 to Knollwood Drive (Village of Key Biscayne)

Scope: Furnish and install 8-inch PVC C900 DR14 force main along Crandon Boulevard from PS-0138 to Knollwood Drive



P-20006 - Install 1,235 linear feet of 8-inch ductile iron pipe along SW 6 Street between SW 109th Avenue to SW 107 Avenue

Estimated Construction Cost: \$1.0M

Location: Along SW 6th Street Between SW 109 Avenue and SW 107 Avenue (City of Sweetwater)

Scope: Furnish and install approximately 1,235 linear feet of 8-inch ductile iron pipe along SW 6th Street between SW 109th Avenue to SW 107th Avenue to replace 6-inch asbestos cement water main in need of structural improvement. Several failures are documented. Provide water services and fire hydrants as needed.



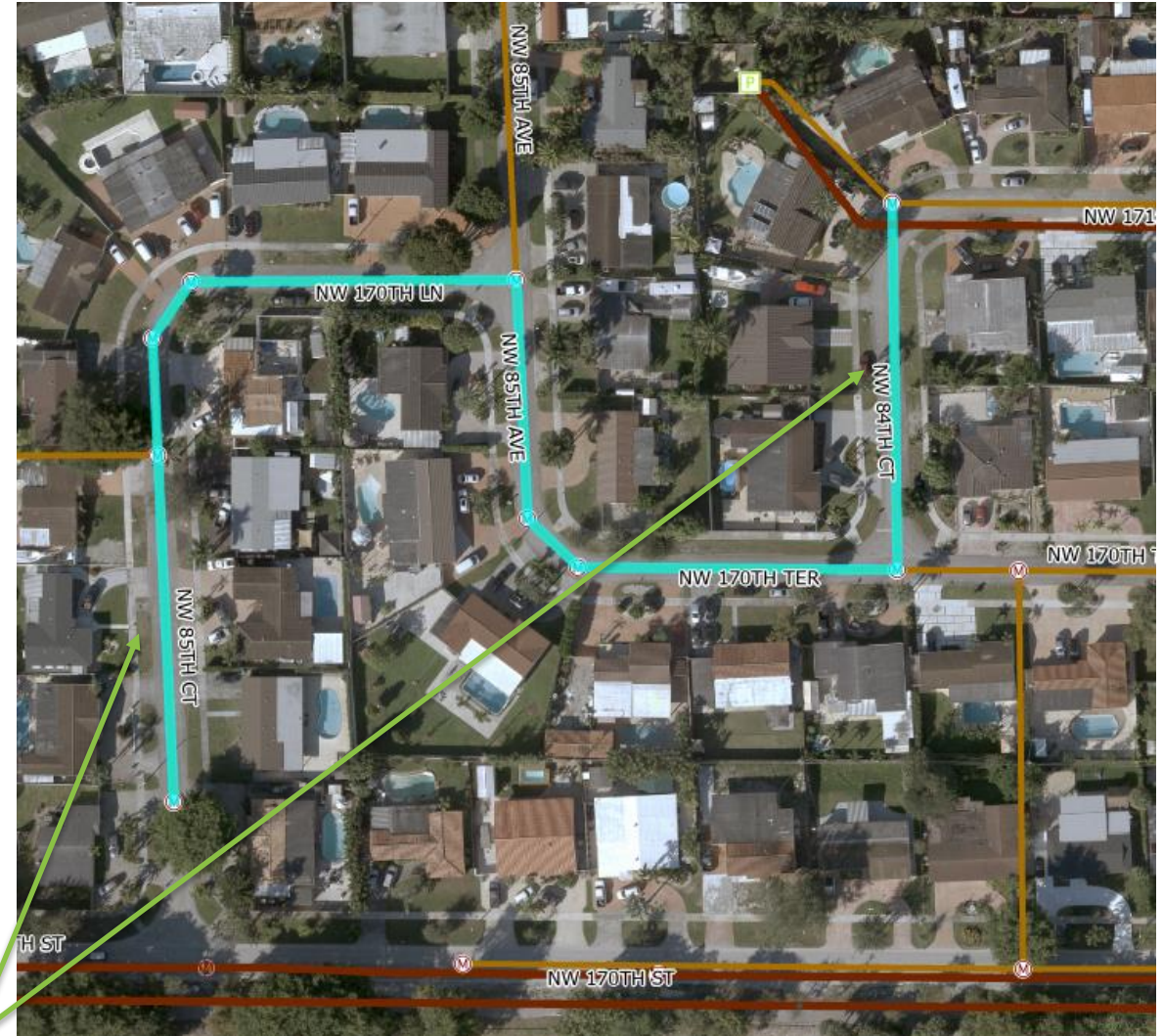
P-16148 PS 382 Force Main Pipe Installation

Estimated Construction Cost: \$1.3M

Location: From NW 170th Street to NW 171st Street (Unincorporated Miami-Dade County)

Scope: Furnish and install 1,180 linear feet 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

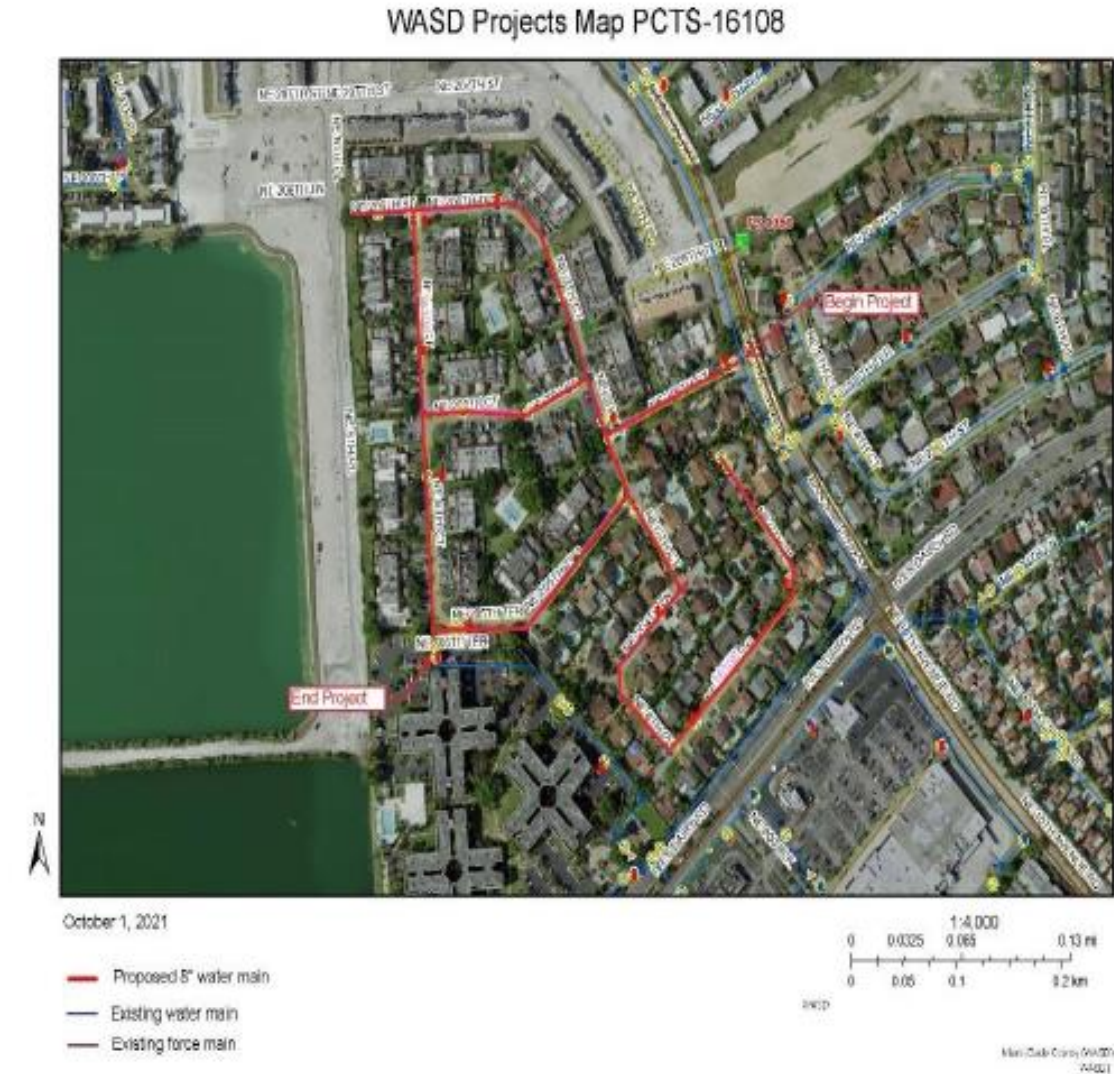


P-16108- 5,350 linear feet of 8-inch ductile iron pipe in the area bounded bet NE 6th & 7th Court

Estimated Construction Cost: \$2.3M

Location: Area between Ives Dairy Rd and San Simeon Way (Unincorporated Miami-Dade County)

Scope: Furnish and install approximately 5,350 linear feet of 8-inch watermain in the area bounded between NE 6th and 7th Court, 206th and 205th Terrace and NE 206th Street along NE 203rd Lane between NE 6th and 7th Place to replace an existing 8-inch asbestos cement watermain presenting maintenance issues.



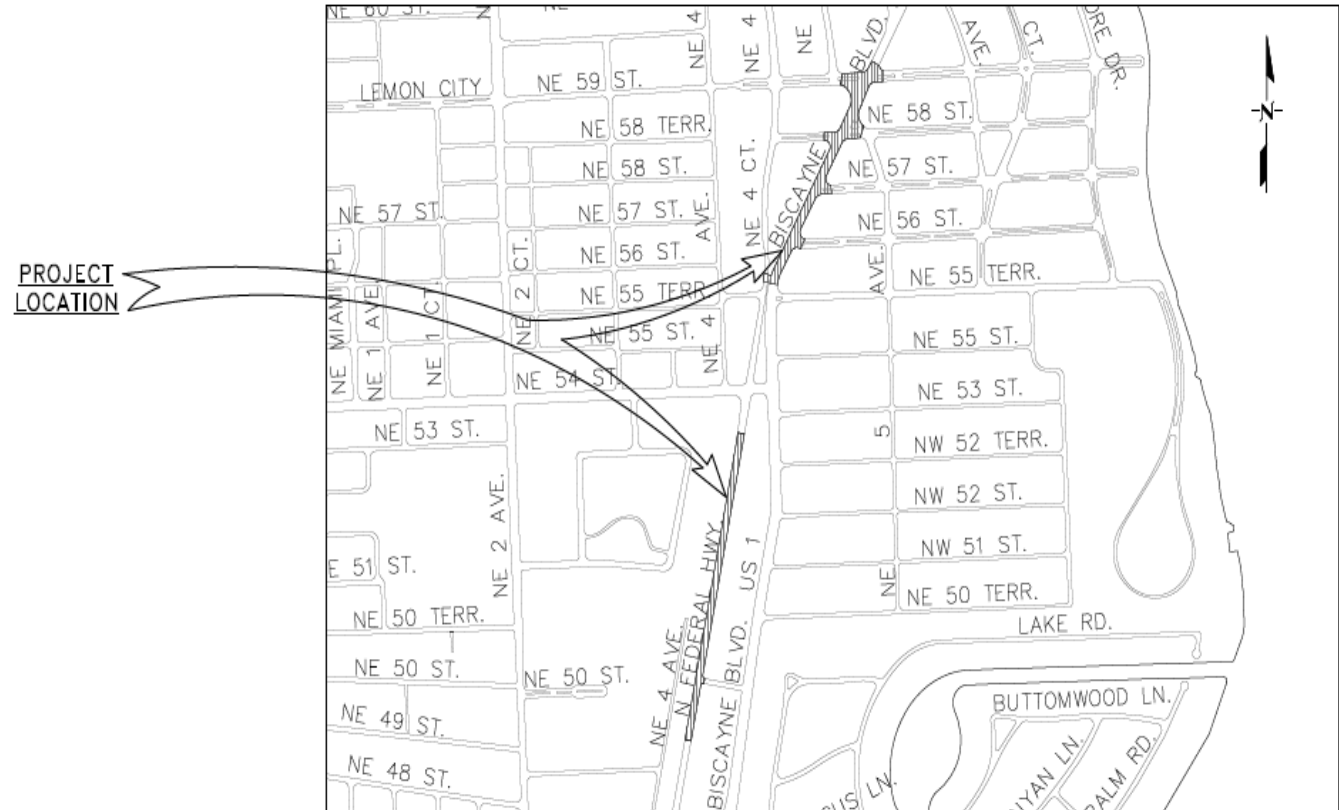
Location Map

P-16208 - 2,670 linear feet of 12-inch ductile iron pipe along Federal Highway - Biscayne Boulevard between NE 59th Street to NE 50th Terrace

Estimated Construction Cost: \$2.3M

Location: Federal Highway-Biscayne Boulevard Between NE 59th Street to NE 50th Terrace (City of Miami)

Scope: Furnish and install approximately 2,670 linear feet of 12-inch ductile iron pipe along Federal Highway-Biscayne Boulevard between NE 59th Street and NE 50th Terrace



P-16093 – 5,650 linear feet 8-inch ductile iron pipe Water Main between SW 131st Court and 127th Way to SW 54th Street and 55th Street replacement

Estimated Construction Cost: \$2.4M

Location: W 131st Court & 127th Way & SW 54th Street & 55th Street
(Unincorporated Miami-Dade County)

Scope: Furnish and install 5,650 linear feet of 8-inch ductile iron pipe watermain in the area bounded between SW 131st Court & 127th Way & SW 54th Street & 55th Street

Location Map



P-16180 - 5,321 linear feet of 12-inch ductile iron pipe Water Main along SW 82nd Avenue between SW 58th Street and SW 72nd Terrace

Estimated Construction Cost: \$2.5M

Location: SW 82nd Avenue between SW 58th Street and SW 72nd Terrace
(Unincorporated Miami Dade County)

Scope: Furnish and install approximately 5,321 linear feet of 12-inch ductile iron pipe water main along SW 82nd Avenue Between SW 58th Street and SW 72nd Terrace to close gaps that will improve water quality and provide redundancy in the distribution system. Install fire hydrants and services as needed.



Location Map

P-14880 Water main and forcemain along SW 152nd Street

Estimated Construction Cost: \$3.2M

Location: Along SW 152nd Street, from SW 77th Avenue to SW 74th Avenue and From SW 72nd Court to West Side of Canal at Paradise Point Drive Entrance to Royal Harbor Yacht Club (Village of Palmetto Bay)

Scope: Furnish and install water and sewer facilities along SW 152nd Street which includes:

8-inch PVC C900 forcemain from SW 77th Avenue to west side of canal at Paradise Point

8-inch PVC C900 watermain from SW 67th Avenue east to west side of canal at Paradise Point

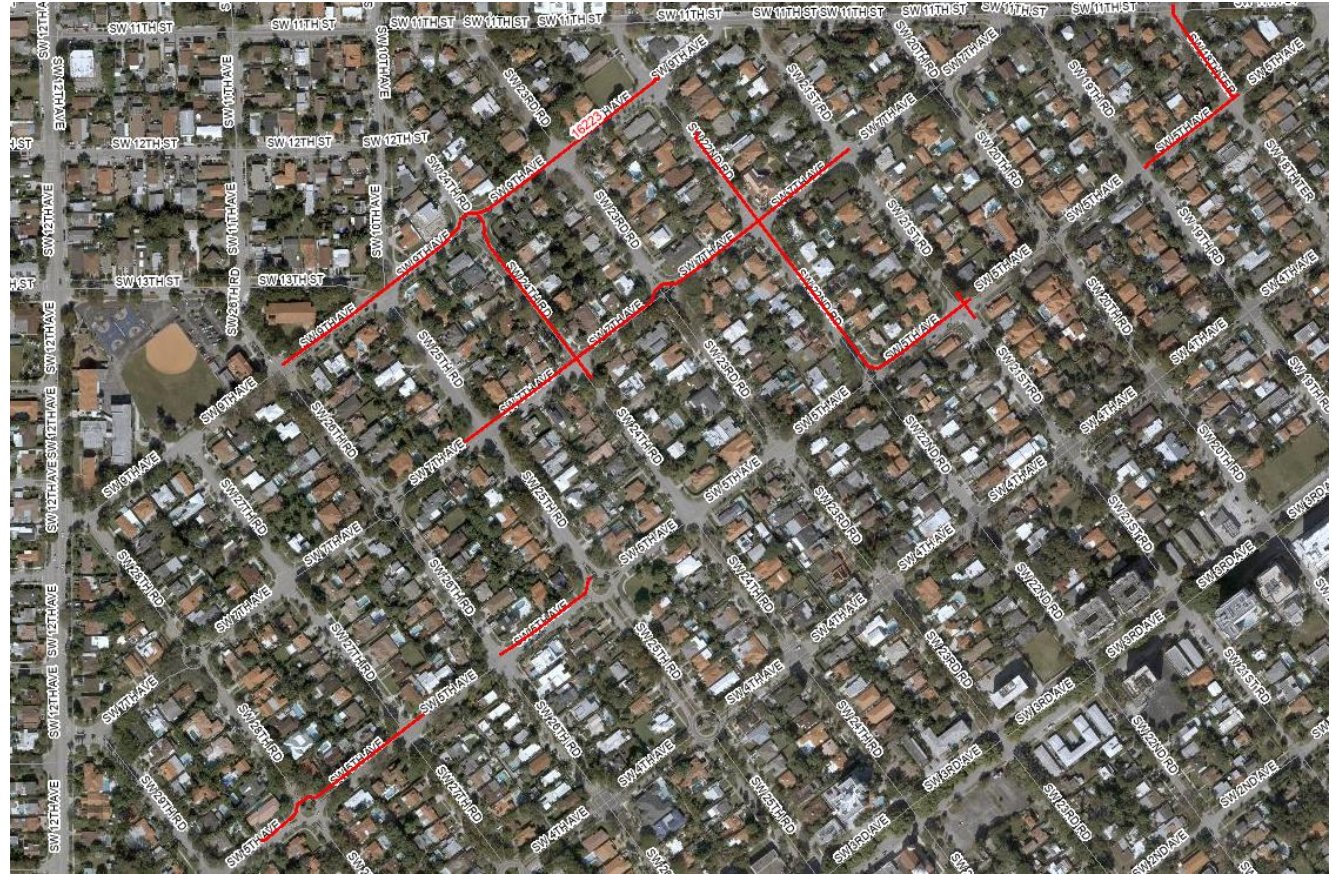


P-16223 - 8-inch ductile iron pipe in area bounded between SW 9th & 5th Avenue and SW 28th Road & 19th Avenue

Estimated Construction Cost: \$4.7M

Location: Area bounded between SW 9th & 5th Avenue from SW 28th Road and 19th Avenue (City of Miami)

Scope: Furnish and install 8-inch ductile iron pipe in area bounded between SW 9th and 5th Avenue and SW 28th Road & 19th Avenue to eliminate services in conflict with private properties. Provide services and fire hydrants as needed.

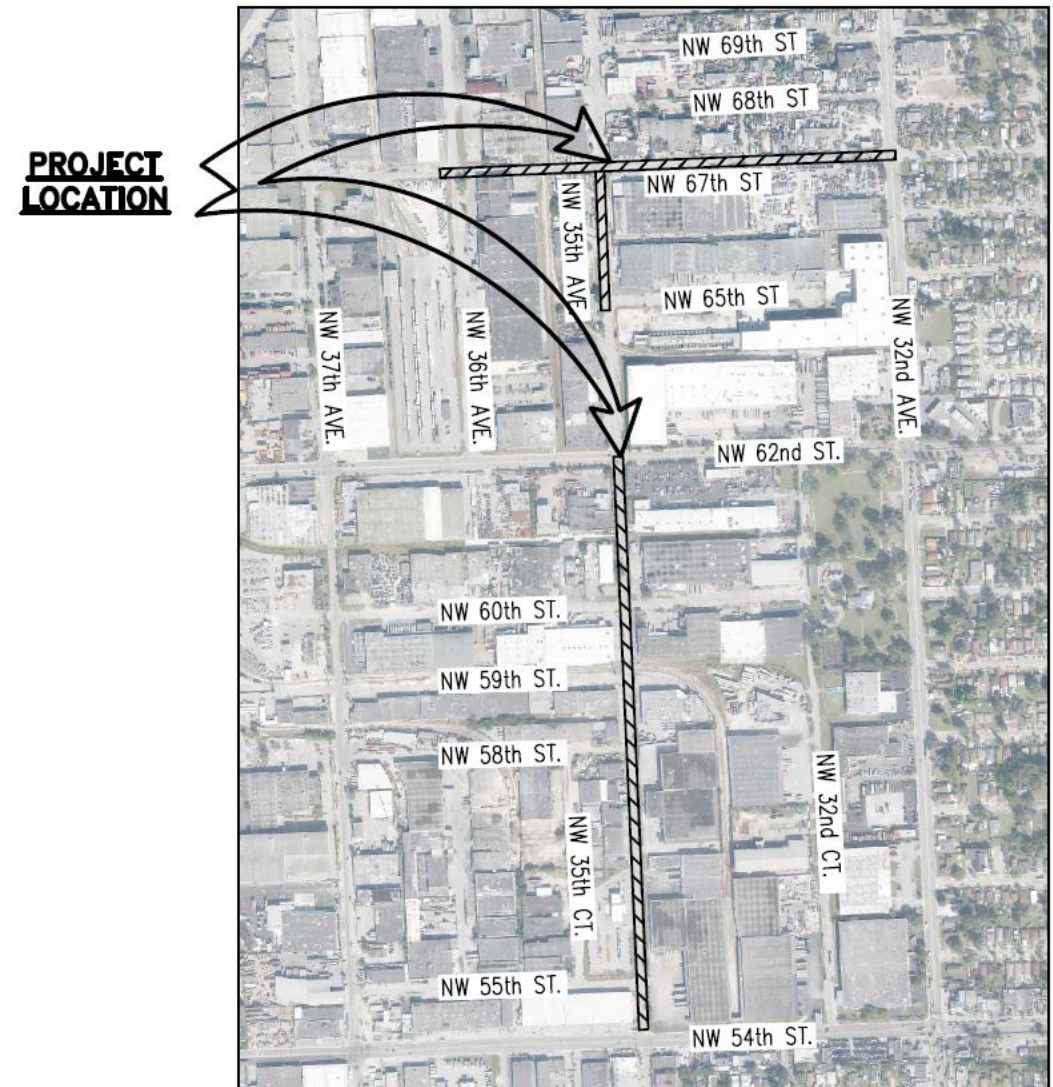


P-16114 General Obligation Bond, Basin 0115 S-5

Estimated Construction Cost: \$5.1M

Location: Along NW 35th Avenue from NW 67th Street to NW 54th Street (Hialeah and Unincorporated Miami-Dade County)

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-inch and 24-inch steel casing and install gravity sewer within steel casing.

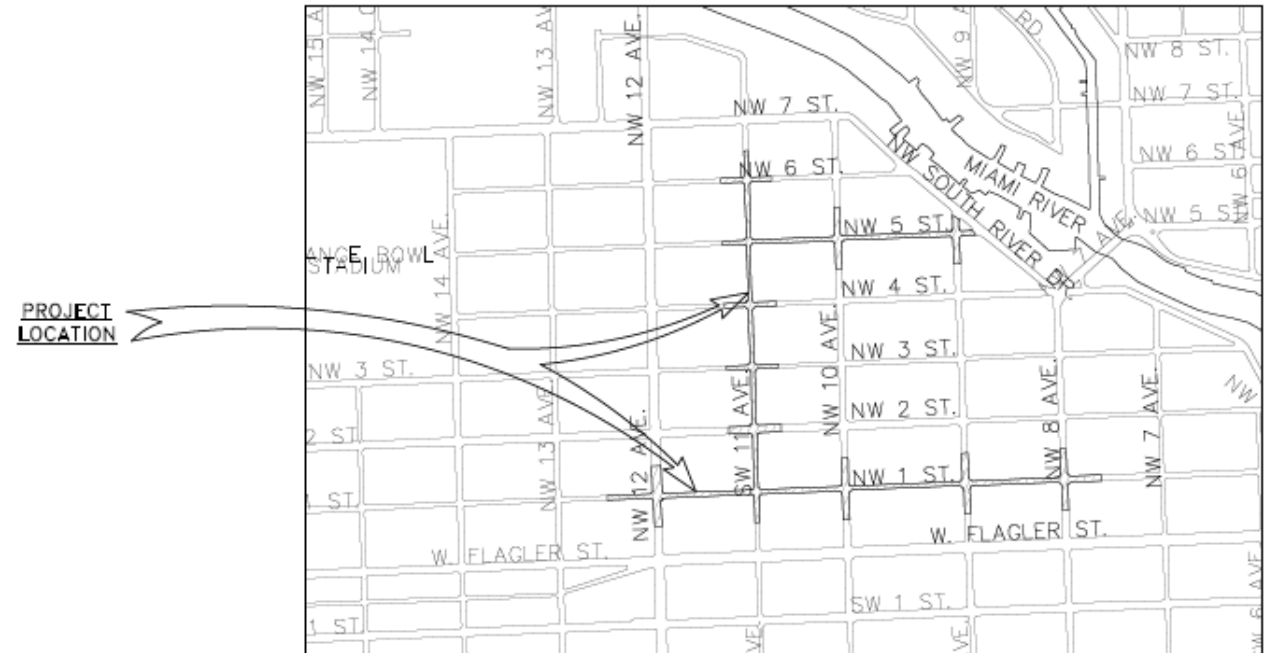


P-16092 - 5,266 linear feet 8-inch ductile iron pipe Water Main between. NW 1st Street and NW 11th Avenue replacement

Estimated Construction Cost: \$5.9M

Location: Along NW 11th Avenue between NE 1st Street and NW 6th Street (City of Miami)

Scope: Furnish and install approximately 5,266 linear of 8-inch ductile iron pipe in the area bounded between NW 1st Street and NW 11th Avenue to replace existing aged 8-inch and 2-inch water mains presenting high frequency of maintenance activities. The area has 17 documented failures along watermains, service and valves. Project is required to replace the existing aged 8-inch and 2-inch watermains along the area. Existing pipelines are presenting high frequency of maintenance activities causing service interruptions to customers.



P-16135 - 26,000 linear feet of 8-inch ductile iron pipe at Snapper Creek Townhouses

Estimated Construction Cost: \$6.4M

Location: 11200 SW 71st Street
(Unincorporated Miami-Dade County)

Scope: Furnish and install approximately 26,000 linear feet of 8-inch ductile iron pipe along Snapper Creek townhouse 11200 SW 71st Street replacing 6-inch and 8-inch aged, asbestos cement watermain presenting high frequency of failures. 95 documented incidents were found. Provide services and fire hydrants as needed.



P-16155 General Obligation Bond, Basin 191

Estimated Construction Cost: \$7.3M

Location: NW 78th Street, NW 79th Terrace, NW 77th Street, NW 76th Street and NW 75th Street (Unincorporated Miami-Dade County)

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.



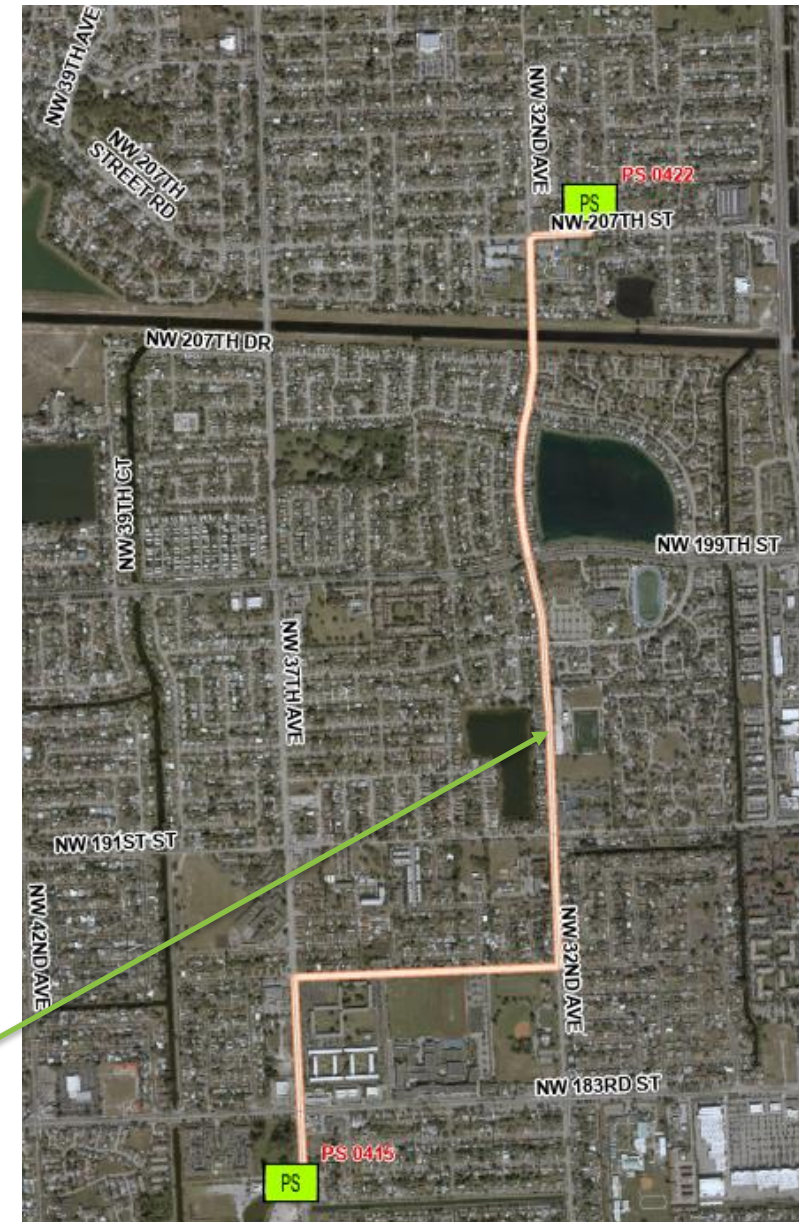
P-16179 - PS-0415 to PS-0422 Transmission Forcemain Replacement

Estimated Construction Cost: \$8.3M

Location: 3750 NW 181st Street (City of Miami Gardens)

Scope: Furnish and install approximately 11,080 linear feet of 16-inch and 1,680 linear feet of 24-inch ductile iron pipe and fittings for sewage force main, including plug valves; air release valve assemblies; mechanical joint restraints; cut-in tee connections; bypass operations, subaqueous canal crossing; sheeting and shoring, testing of the installed sewage force mains; removal, transport, and legal disposal of demolition material; replacement of traffic loop detection assemblies and traffic control; replacement of any damaged item caused by the construction of the project and all other appurtenant and miscellaneous items and work necessary for a complete, fully functional, and satisfactory installation of the proposed force main.

**Project
Location**



S-16201 36-inch Aventura Redundant Force Main

Estimated Construction Cost: \$45.8M

Location: NE 179th Street to NE 188th Street along W Dixie Highway (North Miami Beach, Aventura, Unincorporated Miami-Dade County)

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 PHASING PLAN

LEGEND

- PHASE I
- PHASE II
(UNDER MDC PROJECT No. 20140020
CONSTRUCTION LIMITS)
- PHASE III



PUMP STATION PROJECTS



UPCOMING PUMP STATION PROJECTS

Less than \$5M	More than \$5M
<p>P-16285 Upgrade of Pump Station 0142, \$1.3M</p> <p>P-16115 Upgrade of Pump Station 1043, \$1.6M</p> <p>P-16147 Upgrade of Pump Station 0374, \$1.8M</p> <p>P-16116 Upgrade of Pump Station 1044, \$1.8M</p> <p>P-16280 Upgrade of Pump Station 0309, \$2.2M</p> <p>P-16140 Upgrade of Pump Station 382, \$2.2M</p> <p>P-20166 Relocation and Upgrade Pump Station 00046, \$2.5M</p>	

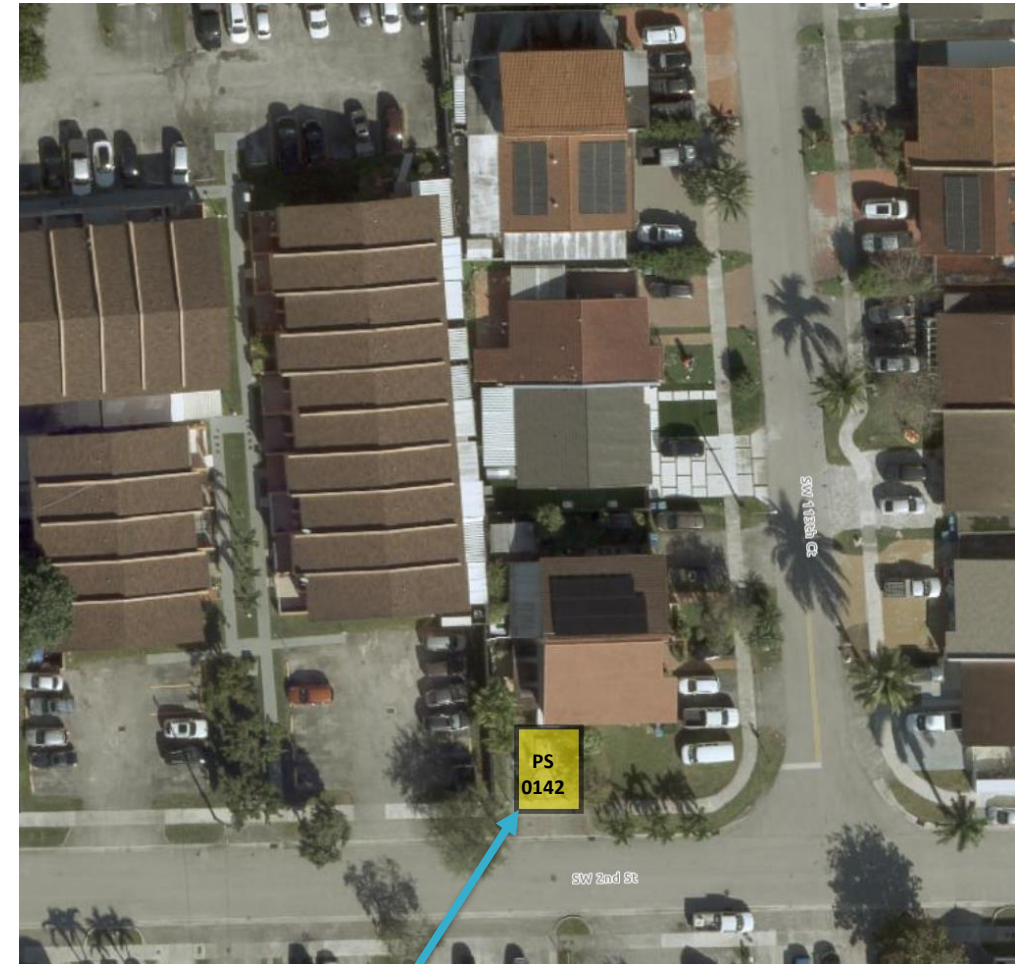
P-16285 Upgrade of Pump Station 0142

Estimated Construction Cost: \$1.3M

Location: Pump Station 0142

11345 SW 2nd Street, Miami, FL 33174

Scope: The project consists of upgrading the existing pump station to a new one of higher capacity. The work includes refurbishing the existing 8-inch diameter wet well to accommodate two new submersible pumps, new 8-inch discharge piping in the wet well, new electrical control panel and service equipment, and final site restoration.



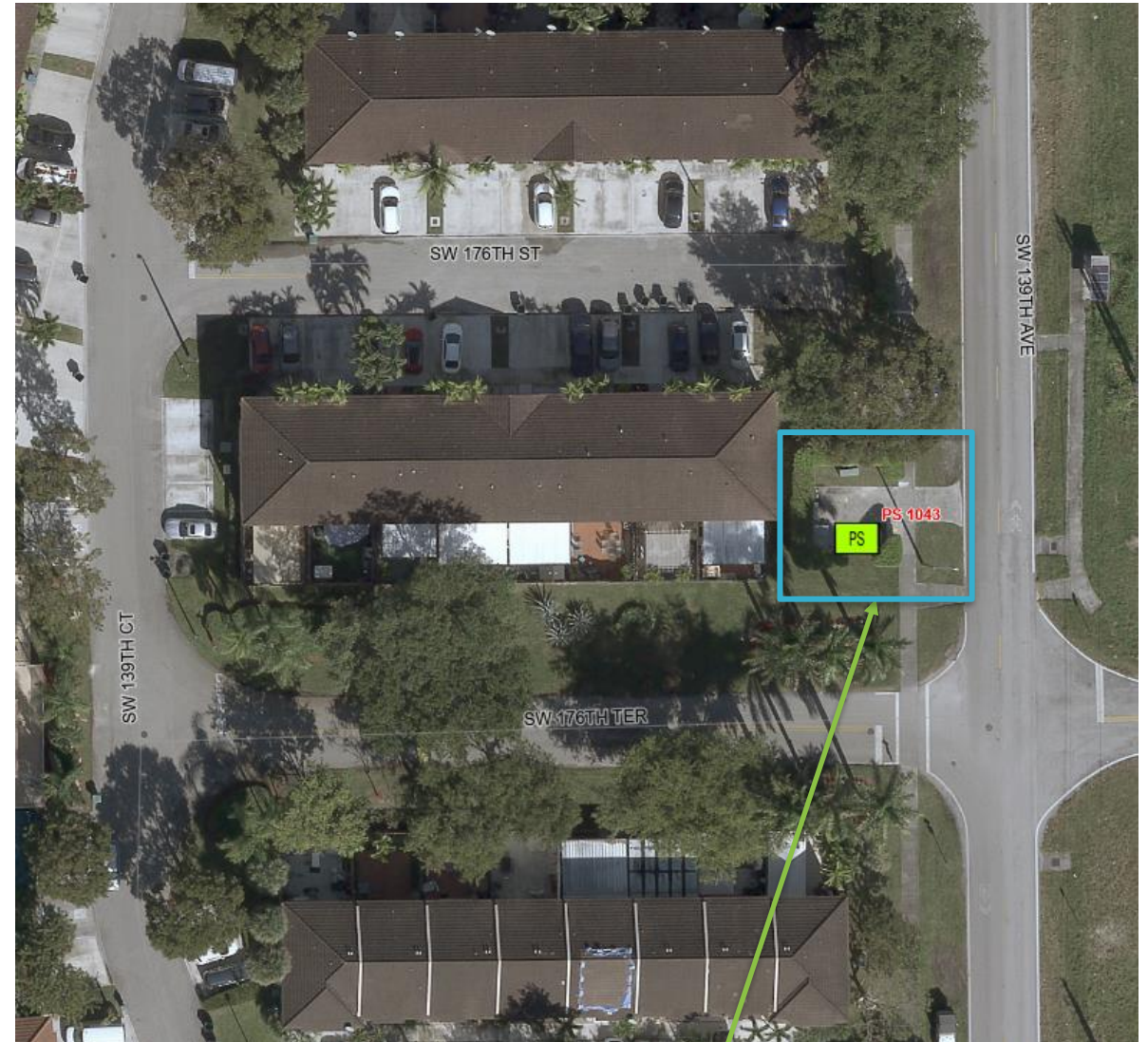
Project Location

P-16115 Upgrade of Pump Station 1043

Estimated Construction Cost: \$1.6M

Location: 17630 SW 139th Avenue
Miami, Florida 33177 (Unincorporated
Miami-Dade County)

Scope: Refurbish and modify 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 new submersible pumps and the existing dry well will be converted into a new valve vault. Pavement restoration and site rehabilitation, as necessary.



Project Location

P-16147 - Upgrade of Pump Station 0374

Estimated Construction Cost: \$1.8M

Location: 2749 NW 199th Terrace (City of Miami Gardens)

Scope: The project consists of the abandonment of the existing PS 0374 and installing a new pump station at a nearby location, installing new submersible pumps with higher capacity in new 8' diameter wet well, new valves in new valve box and a new control panel with telemetry monitoring system. Project will also require the installation of approximately 700 linear feet of 8-inch and 12-inch Force Main and 450 linear feet of gravity sewer piping. These upgrades will bring PS-0374 into compliance with the peak flow and Consent Decree Capacity Criteria.

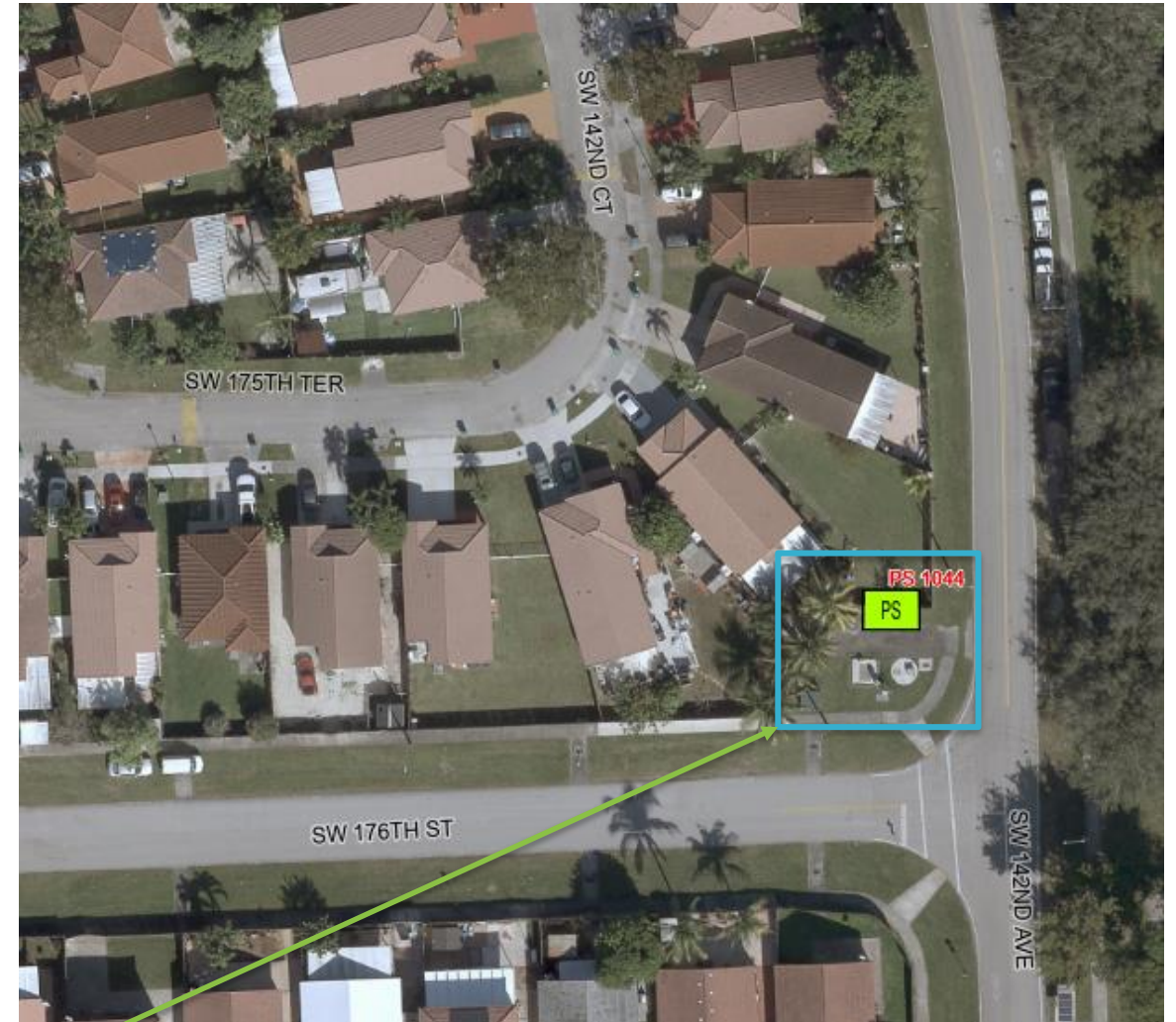


P-16116 Upgrade of Pump Station 1044

Estimated Construction Cost: \$1.8M

Location: 17590 SW 142nd Avenue,
Miami, FL, 33177 (Unincorporated Miami-
Dade County)

Scope: Refurbish and modify the existing underground structures (wet well and dry well). All existing pumps, piping, and electrical equipment will be removed, and replaced with new equipment. The existing wet well will house two 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

P-16280 Upgrade of Pump Station 0309

Estimated Construction Cost: \$2.2M

Location: 5395 NW 165th Street, Miami Gardens, FL 33014

Scope: Replacement of the existing pump station with an upgraded facility of greater capacity which includes:

- Furnish and install a new 8-foot diameter wet well designed to house two 25 horsepower submersible pumps.
- Furnish and install new discharge piping.
- Furnish and install a new valve vault.
- Furnish and install a new electrical control panel, complete with necessary service equipment to ensure full functionality of the upgraded system.
- Restore the site to its original condition post-installation, including any necessary grading, landscaping, or cleanup activities.



Project Location

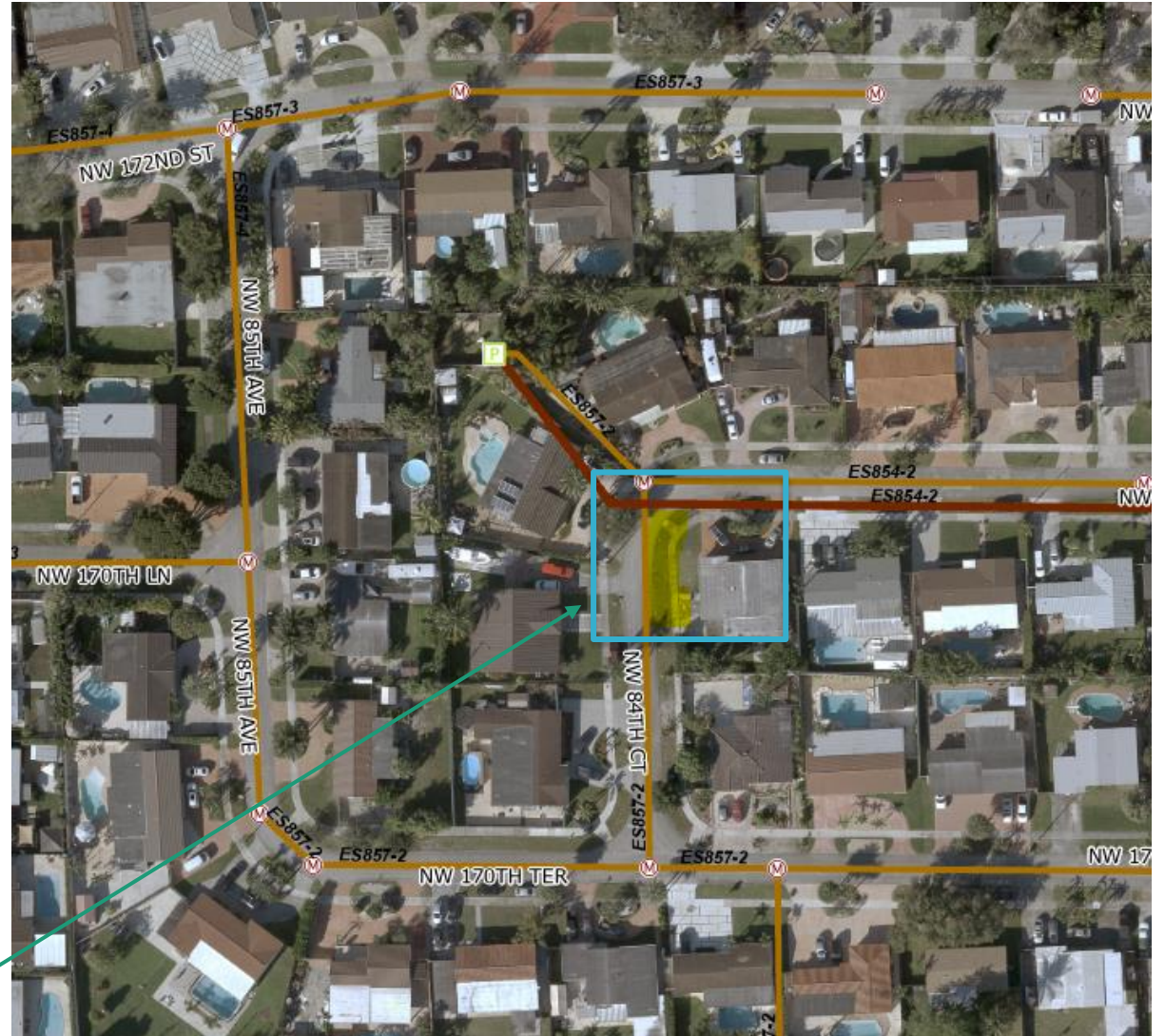
P-16140 Upgrade of Pump Station 382

Estimated Construction Cost: \$2.2M

Location: Southwest Corner of NW 84th Street, Miami, FL 33015 (Unincorporated Miami-Dade County)

Scope: Remove and dispose of existing PS components, including proper abandonment of existing structures, water and sewer mains, and related appurtenances; install new PS (approximately 150 feet from existing PS) and all related appurtenances on right of way, 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



P-20166 Relocation & Upgrade Pump Station 0046

Estimated Construction Cost: \$2.5M

Location: NE 9th Street and Belle Meade Island Drive

Scope: Build a new submersible pump station, install a 6-inch ductile iron pipe force main, replace approximately 300 linear feet of an existing 8-inch ductile iron pipe wastewater main with the associated lateral services, refurbish two existing sanitary manholes, and furnish and install a new receiving sanitary manhole. Relocate an existing 8-inch ductile iron pipe water main within the new pump station site. Place the existing dry pit, wet well, and receiving manhole out of service.



Future Location

Current Location



TREATMENT PLANT IMPROVEMENTS



WATER AND WASTEWATER



UPCOMING WATER/WASTEWATER TREATMENT PLANT PROJECTS

Less than \$5M	More than \$5M
P-20199 North District Sodium Hypochlorite Building Ventilation Improvements, \$0.25M	W-13668 Preston WTP Bulk Sodium Hypochlorite Storage & Feed Facility, \$19M
P-13164 CD 2.26 Central District Repairs and replacement of Stairways at Grit Building 1 and Polymer Building \$0.3M	W-951R Orr WTP High Service West Pump Station Electrical Improvements, \$22.5
P-20164 North District Drainage Improvements to Sub-Basin 1, \$1.7M	S-13282 CD 2.09 Central District Rehabilitation Plant 1 Return Activated Sludge PS, \$26M
	W-16359 Orr WTP 32 Filters Upgrade, \$90M
	S-966 – North District NT-2C: HLD Facilities, \$111.7M
	S-965 – North District NE-1: Pump Station for the Municipal Injection Wells \$143.2M
	S-15365 North District Electrical Distribution Building No.3 (EDB 3), \$145M
	S-968 - NT-3: Electrical Distribution Building No. 2, \$150M (Under Cone of Silence)

P-20199 NDWWTP Sodium Hypochlorite Building Ventilation Improvements

Estimated Construction Cost: \$0.25M

Location: North District Wastewater Treatment Plant, 2575 NE 156th Street, North Miami Beach, FL 33160

Scope: The project entails installing a new ventilation system to improve the air circulation in the interior of the building. The work includes installing two new wall mounted supply fans, one in-line exhaust fan, approximately 100 feet of 42-inch diameter of new duct run, and electrical connections for the new ventilation equipment.

Project Location



P-13164 CD 2.26 Rehabilitation of Walkways and Stairways

Estimated Construction Cost: \$0.3M

Location: Central District Wastewater Treatment Plant, Virginia Key, 3989 Rickenbacker Causeway, Miami, FL 33149 (City of Miami)

Scope: Replace galvanized stairways inside Plant 1 Polymer Building and Plant 1 Headworks Grit Building with anodized aluminum stairways.

**Multiple
Locations**



P-20164 NDWWTP Drainage Improvements to Sub-Basin 1

Estimated Construction Cost: \$1.7M

Location: North District Wastewater Treatment Plant, 2575 NE 156th Street, North Miami Beach, FL 33160

Scope: The project entails developing stormwater improvements to the area in front of Maintenance Building, labeled Sub-Basin 1. The work includes new stormwater structures, piping, drainage wells, etc., to mitigate flooding and improve the drainage conditions in the area.



W-13668 Preston WTP Bulk Sodium Hypochlorite Storage & Feed Facility

Estimated Construction Cost: \$19M

Location: John E Preston Water Treatment Plant

1100 W 2nd Avenue, Hialeah, FL 33010

Scope: The project entails developing a bulk sodium hypochlorite storage facility that includes:

- Fourteen fiberglass reinforced storage tanks (prefabricated), each with 12,000-gallon capacity
- Chemical dosing system with metering pumps
- New day tanks integrated with an automated chemical transfer and feed system at the Hialeah WTP.
- Ventilated enclosure for housing electrical components and control systems at the storage facility

Project Location



W-951R Orr WTP High Service West Pump Station Electrical Improvements

Estimated Construction Cost: \$22.5M

Location: Alexander Orr Water Treatment Plant
6400 SW 87th Avenue, Miami, FL 33173

Scope: The project entails electrical improvements to the West High Service Pump Room that include:

- New concrete block electrical building to house equipment for the high service pumps
- Medium voltage VFD units for pump control
- Medium voltage switchgear installation
- Replacement of four high service pumps and motors (owner-furnished)
- New instrumentation and control systems for high service pumps
- Pressure-based automated control system for high service pump operation
- Automated priming pump system for high service pumps



S-13282 CD 2.09 Central District Rehab Plant 1 Return Activated Sludge Pump Stations

Estimated Construction Cost: \$26M

Location: Central District Wastewater Treatment Plant, Virginia Key, 3989 Rickenbacker Causeway, Miami, FL 33149

Scope:

- Furnish and install new pumping equipment, piping, valves, and appurtenances
- Furnish and install new air conditioning and air filtration units
- Furnish and install new lighting panels, transformers, MCCs, and VFDs
- Install owner furnished RTUs and Auxiliary Panels

Project Location



W-16359 Orr WTP 32 Filters Upgrade

Estimated Construction Cost: \$90M

Location: Alexander Orr Water Treatment Plant

6400 SW 87th Avenue, Miami, FL 33173

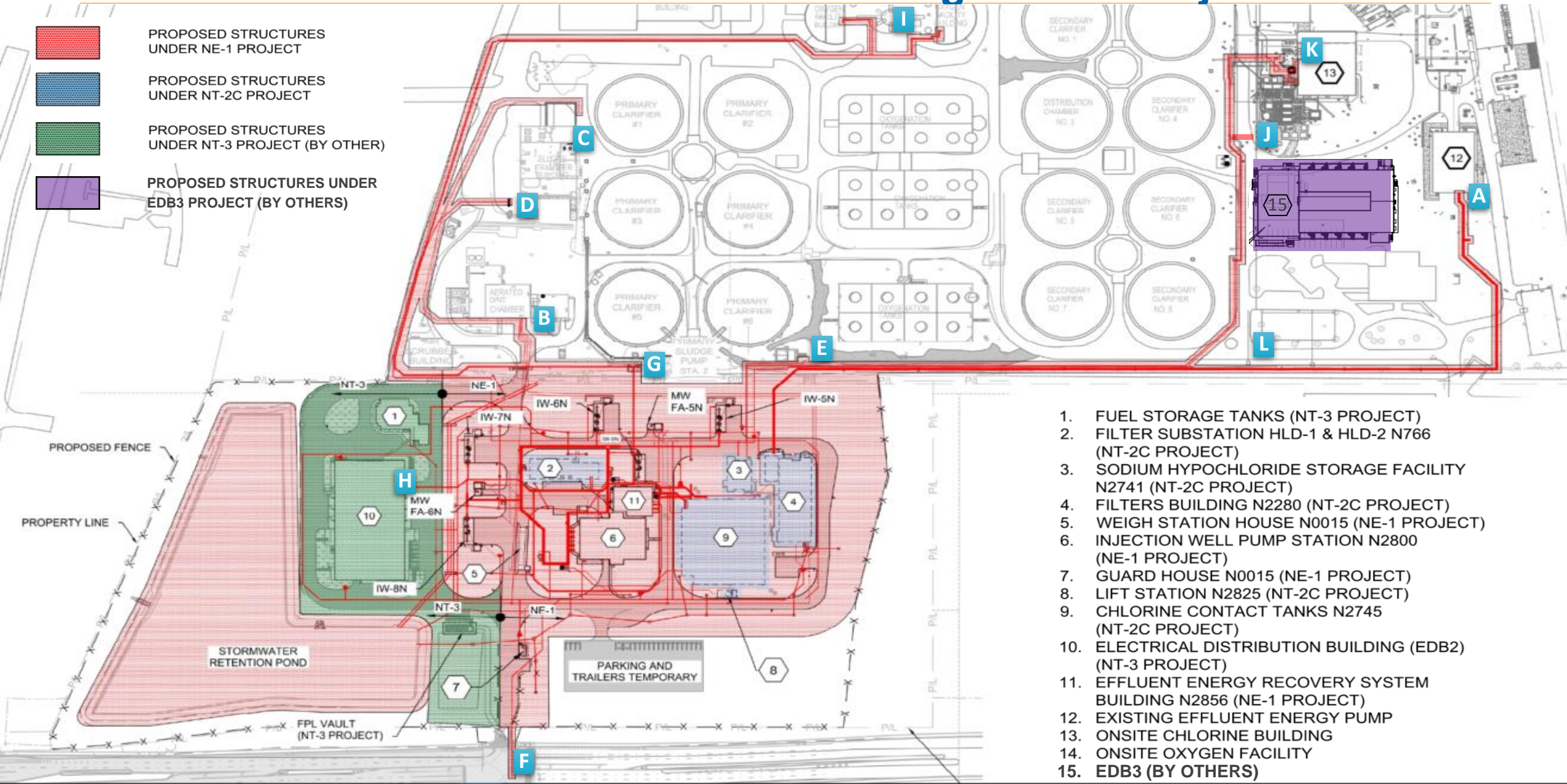
Scope: Complete overhaul and automation of the 32 filters, including:

- Replacing underdrain, medias, valve actuators, and wash water supply pumps, etc.
- New air backwash system, including a building to host the blowers and associated electrical equipment.
- Raising the six pre-cast concrete troughs by 1 foot to provide adequate vertical clearance for modern industry standard media depth and expansion rates.
- Full automation of the filter system operation

Project Location



UPCOMING North District Ocean Outfall Legislation Projects

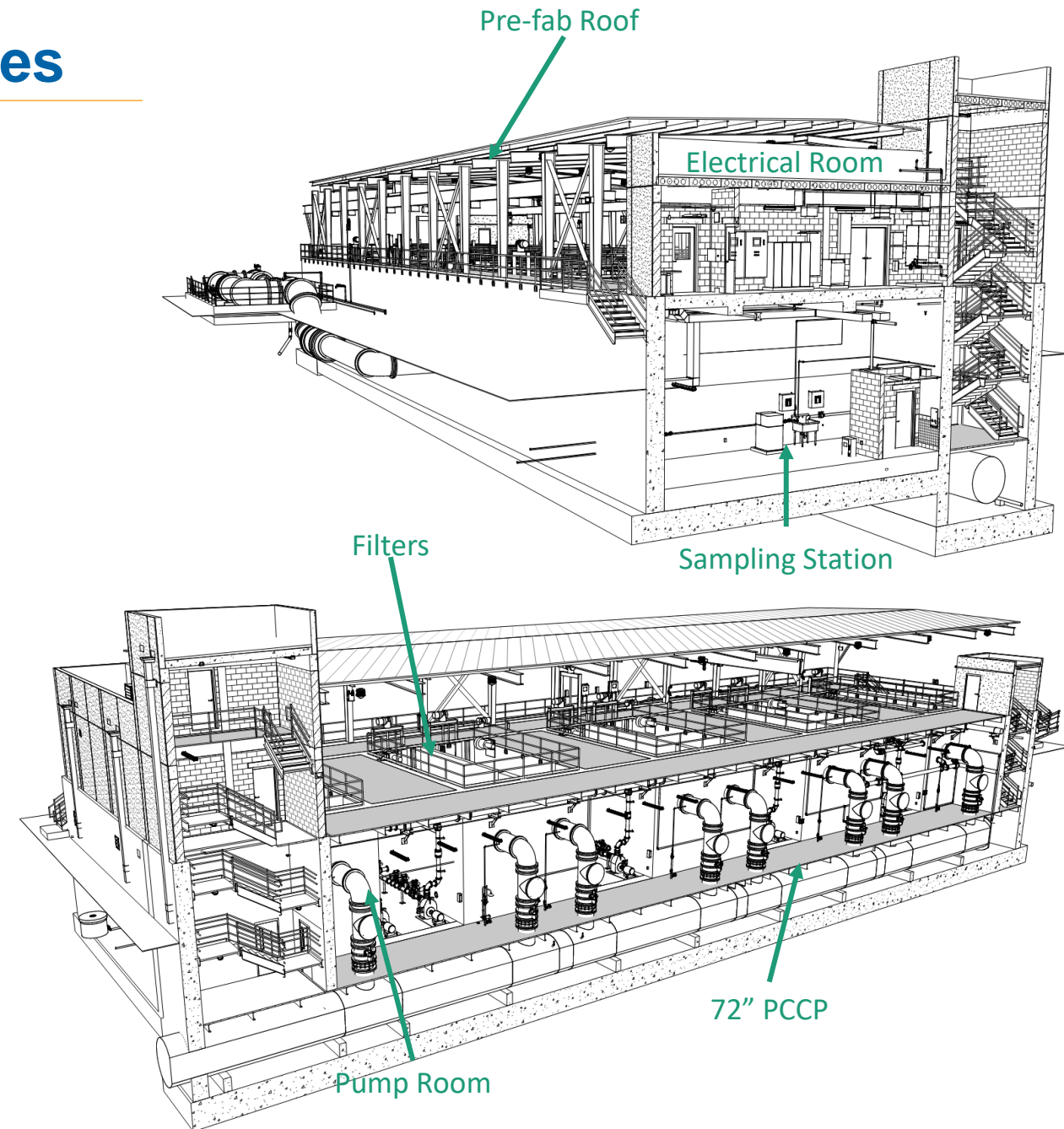


S-966 – North District HLD Facilities

Estimated Construction Cost: \$111.7M

Location: 2575 NE 151st Street, North Miami, FL 33160

Scope: This project consists of the construction of a new filtration disinfection system, High Level Disinfection (HLD) flow metering facility, a disk filtration structure, two HLD substations, four chlorine contact basins, a sodium hypochlorite storage and feeding facility, and a HLD lift station. It also includes all associate site work.

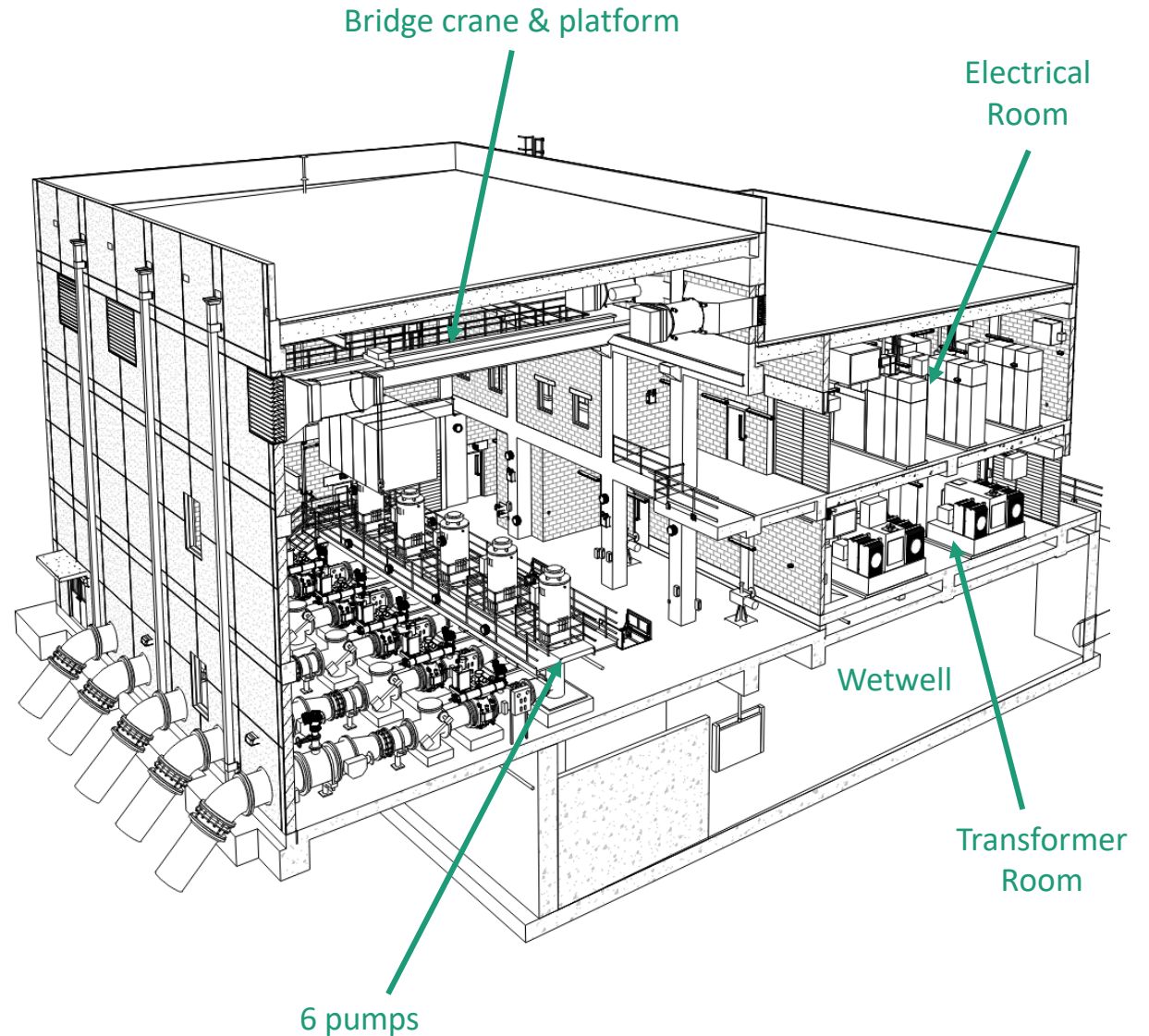


S-965 – North District NE-1: Pump Station for Municipal Injection Wells

Estimated Construction Cost: \$143.2M

Location: 2575 NE 151st Street, North Miami, FL 33160

Scope: This project consists of the construction of a new HLD Injection Well Pump Station (IWSP) building, sitework associated with the new HLD site, and the connections to the existing plant processes. The new IWSP building includes six vertical turbine pumps and associated equipment, five injection well heads with four well houses, two monitoring wellhead sampling stations and yard piping. The project also contains a new Effluent Energy Recovery System (EERS) building, new guardhouse, a truck weighing station, and all associated site work.

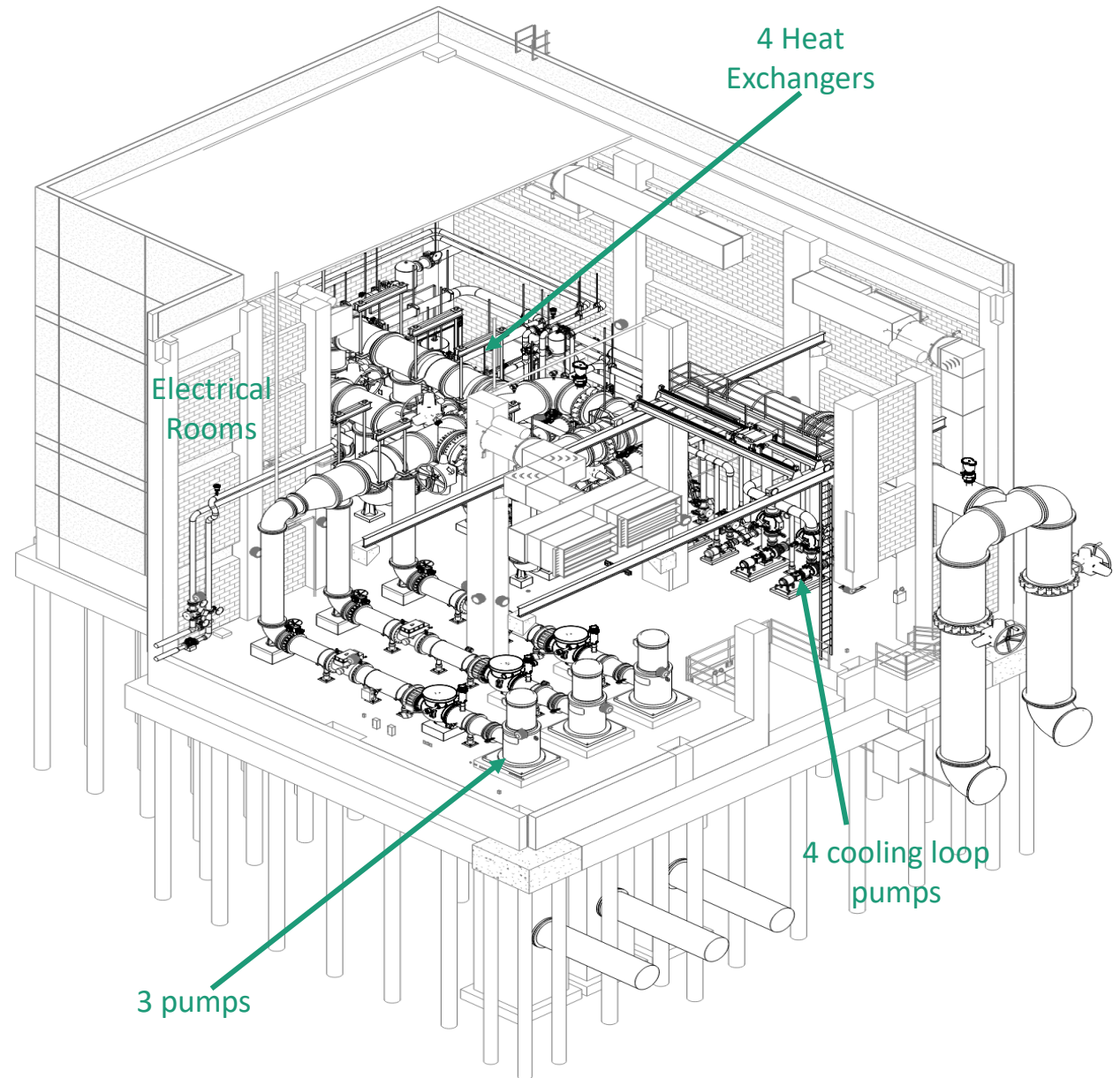


S-965 - NE-1: Pump Station for Municipal Injection Wells (Cont.) - EERS

Estimated Construction Cost: \$143.2M

Location: 2575 NE 151st Street, North Miami, FL 33160

Scope: This project consists of the installation of two pairs of heat exchange systems, one pair serving the cryogenic/oxygen generation facilities, the second pair serving the HLD facilities, New 48-inch line from chlorine contact tank (CCT) effluent reuse channel to the EERS Pump Station. New 48-inch line from the EERS to the CCT's influent line. New 48-inch line from the EERS to the CCT's effluent line. Three canned vertical turbine pumps. Two cooling loop pumps for each pair of heat exchange systems. Cooling loop piping for the oxygen generation and HLD facilities.



S-15365 North District Electrical Distribution Building No.3 (EDB 3)

Estimated Construction Cost:
\$145M

Location: North District
Wastewater Treatment Plant, 2575
NE 156th Street, North Miami
Beach, FL 33160

Scope: A 48,000 square foot building will replace the aging 4160-volt electrical distribution equipment and backup generators. The new facility will house the new generators and electrical infrastructure to efficiently meet the current process load demands.



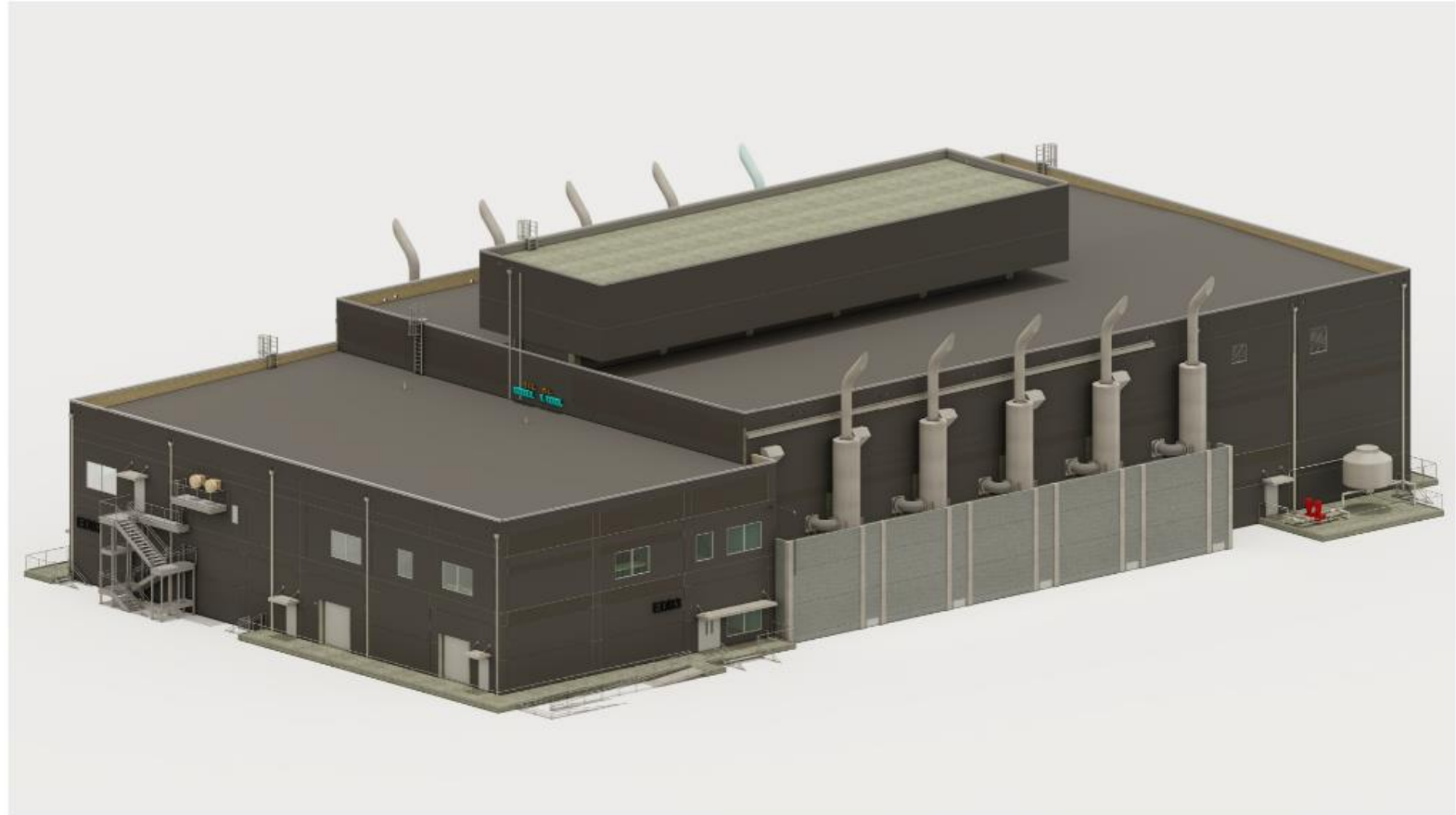
Project Location

S-15365 North District Electrical Distribution Building No.3 (EDB 3)

Location: North District
Wastewater Treatment Plant, 2575
NE 156th Street, North Miami
Beach, FL 33160

Project Highlights:

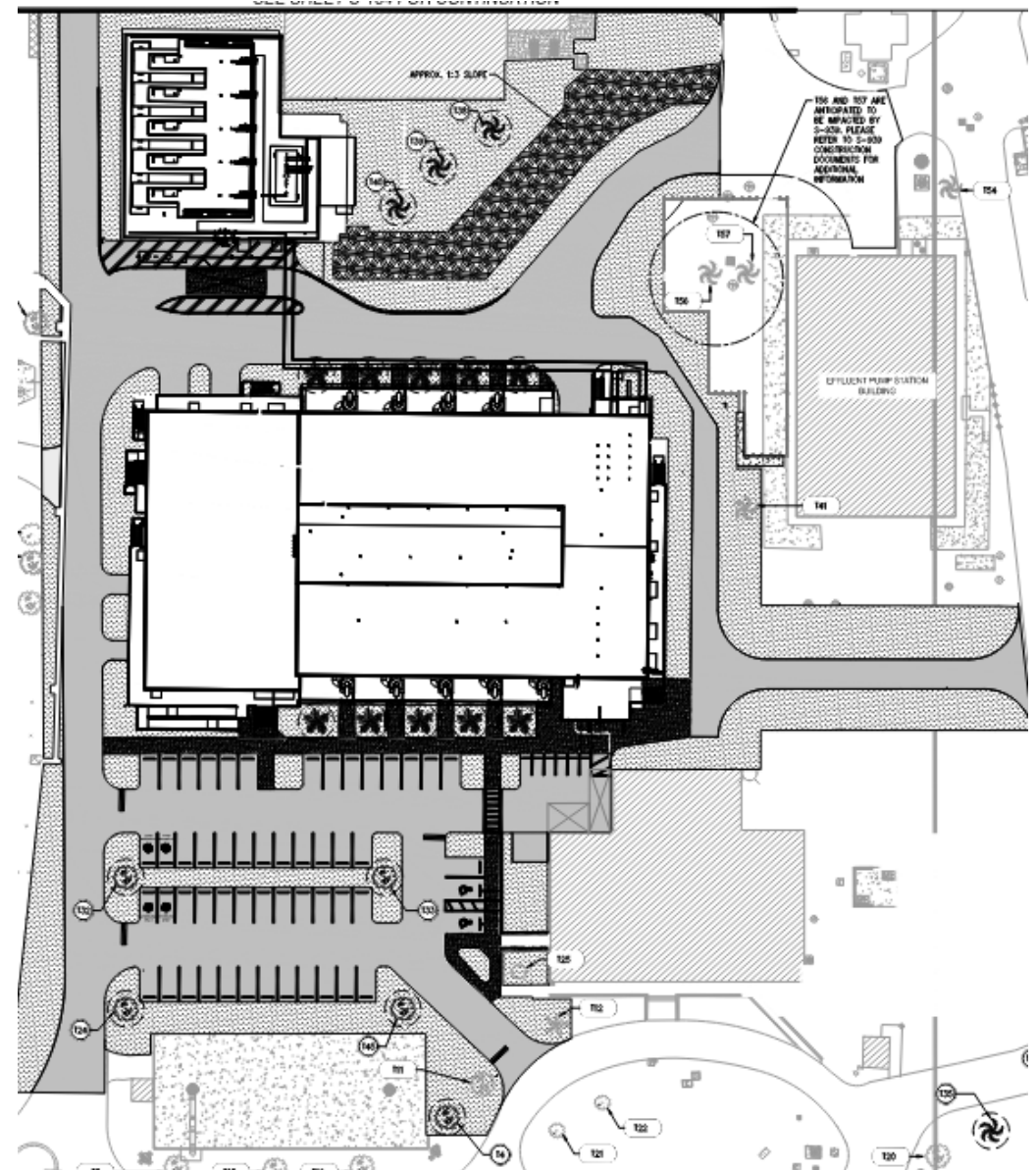
- 43,800 square feet 2-story multiple use EDB-3 facility
- New medium voltage (5kV Class) arc-resistant switchgears for normal and standby power
- New Tier 4 Final, 2500 kW C175-16 diesel engine-driven generators (Owner Furnished)
- New underground electrical raceway system to connect to existing Sub-Stations
- Hardened flood elevation
- Effluent reuse for building space cooling (HVAC)



S-15365 North District Electrical Distribution Building No.3 (EDB 3)

In addition to the electrical components, the project includes the following building components:

- Generator Areas 1 (5 Generators) and 2 (4 Generators + 1 Spare Bay)
- Electrical Room (Low/Medium Voltage Equipment)
- Transformer Rooms 1 & 2 (4160V to 480V)
- Control Room
- Day Tank Areas (for each generator)
- Fire Pump Room
- Lubricant Oil/Waste Storage Room
- Air Tank Area & Compressor Room
- HVAC Mechanical Rooms
- Unloading Area
- Engineering Document Storage
- Break Room, Bunk Room, Locker Rooms
- Staff Offices



S-15365 North District Electrical Distribution Building No.3 (EDB 3)

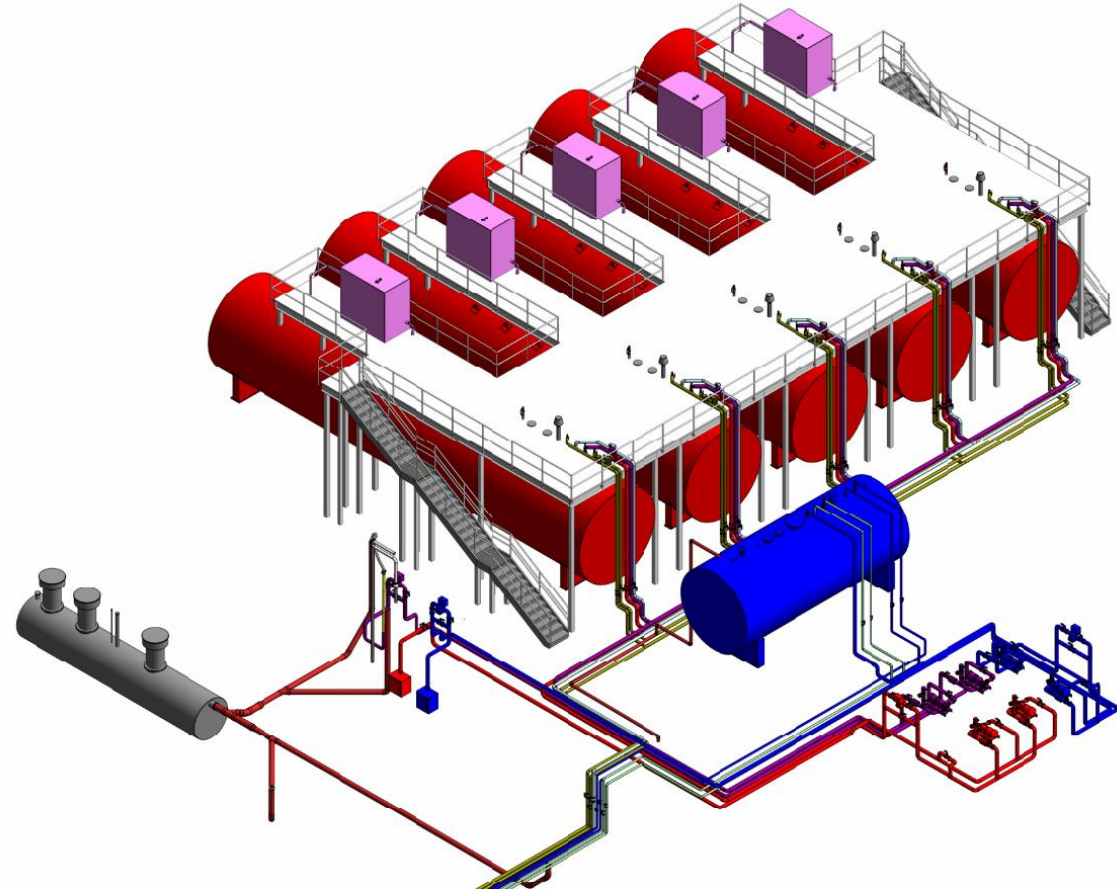
Facilities External to the building:

- Bulk Fuel Storage & Transfer Facility
- EDB-1 Annex to transfer power from FPL's vault to EDB 3

Unique Conditions

Owner Furnished Equipment

- Engine Generators
- SCADA Equipment
- Transformers



S-968 – North DisNT-3: Electrical Distribution Building #2

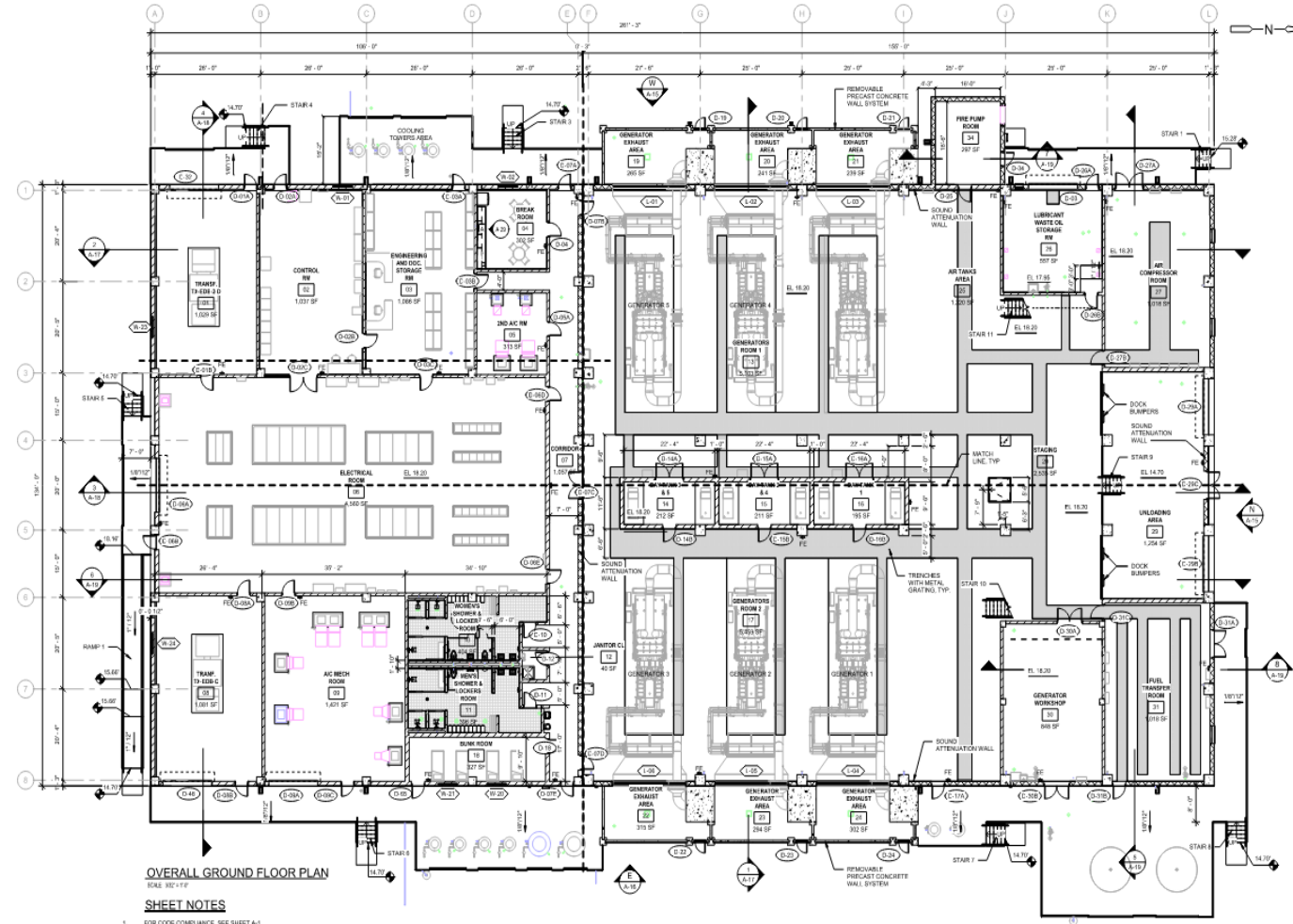
(Under the Cone of Silence)

Estimated Construction Cost: \$150M

Location: 2575 NE 151st Street, North Miami, FL 33160

Scope: Construction of a new Electrical Distribution Building 2 (EDB-2) which will include:

- Providing power to the new HLD facility and IWPS substations.
- Approximately 34,000 square feet building
- Five tier-4 diesel engine-generators with space for a future sixth generator
- Auxiliary equipment
- Transformer rooms
- Mechanical rooms
- Break room, handicapped accessible toilet rooms, lockers, and showers.
- Fuel oil and bulk storage facility
- FPL Metering Vault
- Retaining wall





MISCELLANEOUS



UPCOMING MISCELLANEOUS PROJECTS

Less than \$5M	More than \$5M
<p>P-10919 CD 5.17(1.1) Asphalt Restoration along NW 55th Street, \$0.3M</p> <p>P-16332 36th Street Maintenance Facility Site Improvements, \$1.7M</p>	<p>S-15289 CD 4.10(4) Opa-Locka Executive Airport - Concessions Project, \$6.6M</p>

*Out to bid and under the Cone of Silence

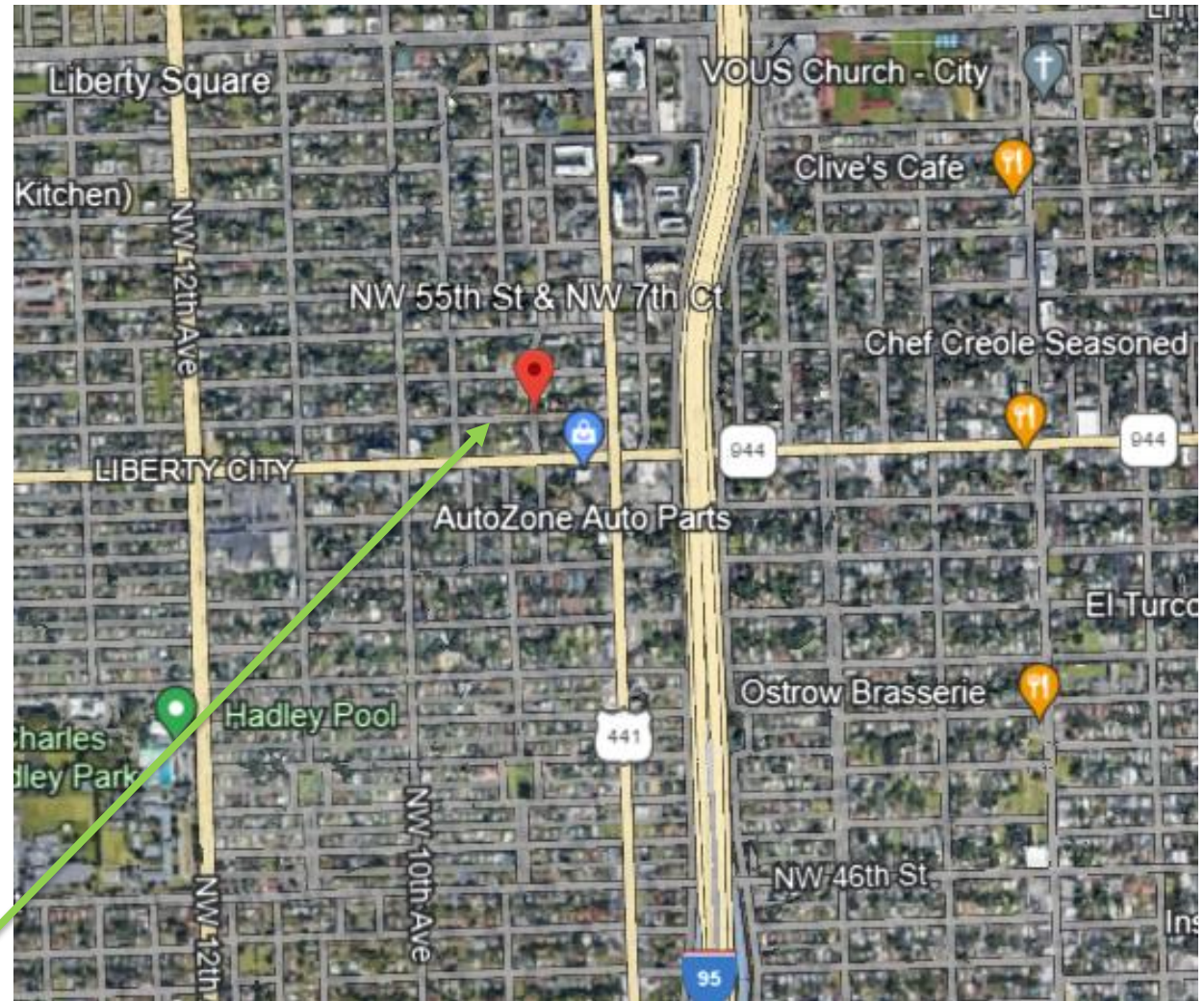
P-10919 CD 5.17(1.1) Asphalt Restoration along NW 55th Street

Estimated Construction Cost: \$0.3M

Location: NW 55th Street from NW 7th Court to NW 9th Avenue, Miami, Florida (City of Miami)

Scope: Perform asphaltic patching and concrete repairs, milling and resurfacing, saw cutting, removal of existing asphalt, disposal of debris, reworking base, compaction, leveling to match existing pavement, applying prime and tack coats, application of all friction course types, restoration of permanent thermoplastic pavement markers, adjusting manhole and valve boxes, traffic controls and permits, obtaining and closing all permits including MOT, lane closure, etc. from governing agencies.

Project Location



P-16332 36th Street Maintenance Facility Site Improvements

Estimated Construction Cost: \$1.7M

Location: 3625 NW 10th Avenue, Miami, FL (City of Miami)

Scope: Removal of two above-ground storage tanks and miscellaneous structures and fencing. Construction of a new surface parking lot and material and equipment storage spaces.



Project Location

S-15289 CD 4.10(4) Opa-Locka Executive Airport - Concessions Project

Estimated Construction Cost: \$6.6M

Location: 14201 NW 42nd Avenue, Opa-Locka, Florida

Scope:

- Demolition of existing bridge over C-8 Canal, a proposed culvert to cross canal, a proposed bridge over C-8 canal and the restoration of C-8 canal section.
- Mobilization and demobilization, removal, transport, salvage, and legal disposal of demolition material; traffic control; temporary and permanent replacement of any pavement, driveways, sidewalk, concrete median, curb and gutter, sod, landscaping and pavement markings



Project Locations



CLOSING REMARKS

Additional Information and
Resources



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

FUTURE CONSTRUCTION INDUSTRY MEETINGS

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

Next meeting will be held in August 2025; 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

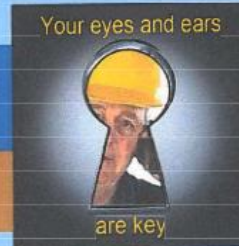
Please feel free to provide us with your feedback



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

