

# **Florida Gas Transmission 18-Inch Mainline Hydrostatic Test**

From the intersection of Milam Dairy Road  
with NW 65<sup>th</sup> Street to the intersection of  
Galloway Road with North Kendall Drive  
Miami-Dade County

City of Doral  
February 2, 2021



**Florida Gas Transmission Company**

An Energy Transfer/Kinder Morgan Affiliate

# Today's Outline

- ❖ Who is Florida Gas Transmission (FGT)?
- ❖ Why is FGT testing?
- ❖ What is the test exactly?
- ❖ When will the test occur?
- ❖ Where will the test take place?
- ❖ How will the test be conducted?
- ❖ How will the test affect me?

# Florida Gas Transmission Company

- ❖ Natural gas transmission company operating a 5,000 mile pipeline system along the Gulf
- ❖ Provide all of the natural gas for power generation in Miami-Dade County
- ❖ 18-inch diameter Mainline in South Florida
- ❖ Customers include:
  - Electric utility companies
  - Local distributors
  - Industrial clients



# Need for the Test

- ❖ The U.S. Department of Transportation regulates all interstate pipelines
- ❖ Testing is federally mandated
- ❖ Best practice to confirm the safety and reliability of the pipeline
  - Safety is our #1 priority
  - Ensure continued superb client service

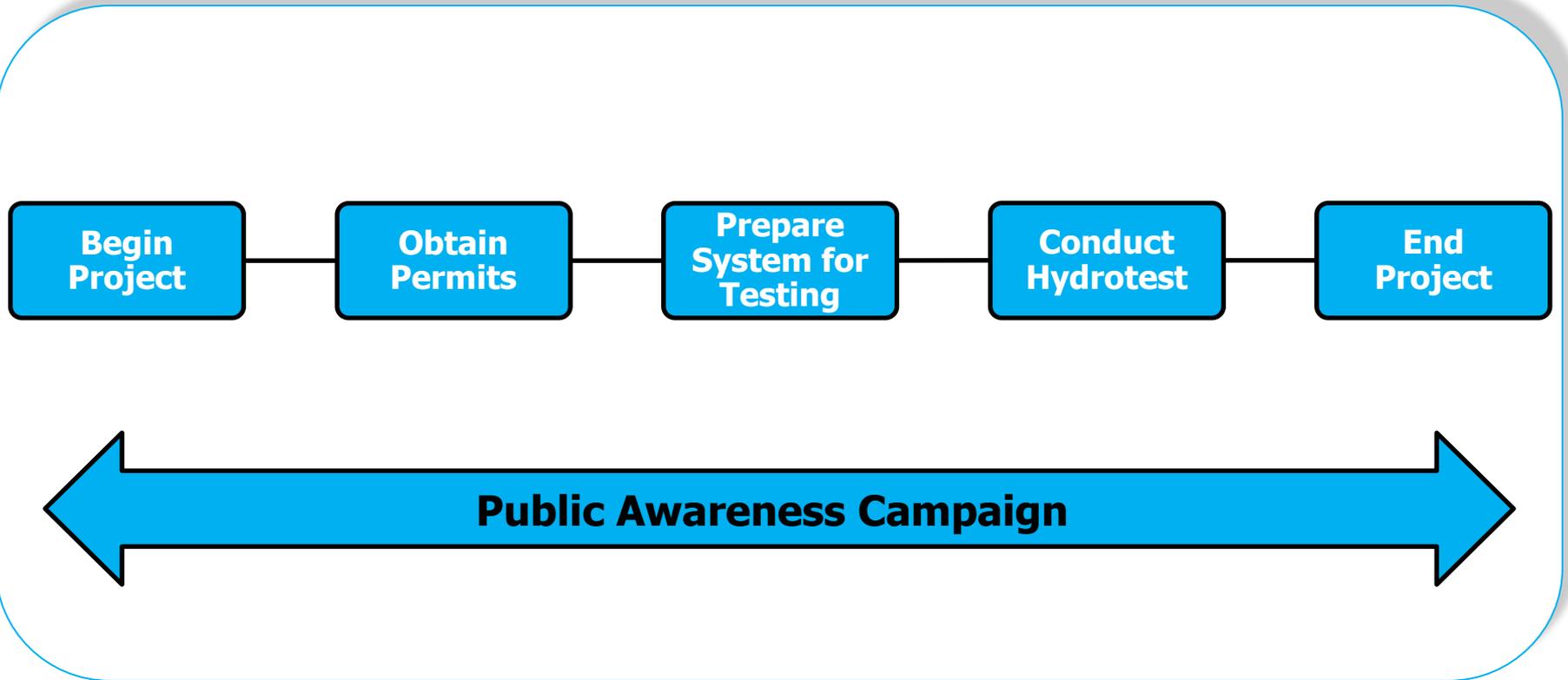
# Nature of the Test

## ❖ Hydrostatic Test

- Remove the natural gas from the line
  - Controlled release vents harmlessly into atmosphere
  - Service is maintained on another system
- Test the integrity of the pipeline by filling the line with water
  - Put the water under pressure for a fixed period of time



# Project Process



# Project Schedule

<b>TASK</b>	<b>DATE</b>
Community Awareness	November 2020 – April 2021
Permit Applications	December 2020 – January 2021
System Preparation	January – February 2021
Test Preparation	February – March 2021
Conduct Hydrotest	8 March 2021

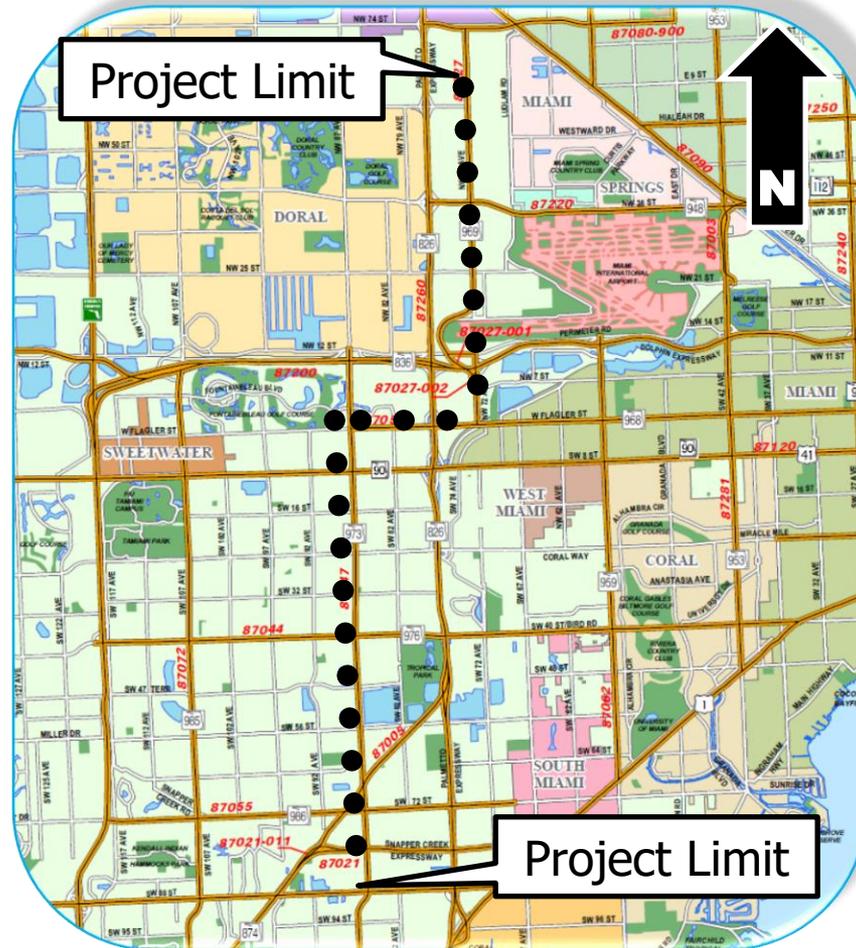
## ❖ Test window is set:

- Monday, 8 March 2021
- Early morning, midnight – 4:00 a.m.
- Coordinated with FP&L and regulators

# Project Location

- ❖ Total Project Length = 11.2 miles
  - Begin: NW 65<sup>th</sup> Street
  - End: SW 88<sup>th</sup> Street (N Kendall Dr / SR 94)
- ❖ Generally follows 3 roadway alignments:
  - Milam Dairy Road (NW 72<sup>nd</sup> Ave / SR 969)
  - West Flagler Street (SR 968)
  - Galloway Road (SW 87<sup>th</sup> Ave / SR 973)
- ❖ Unincorporated Miami-Dade County

# Project Location (con't)



# How the Test is Performed

- ❖ Remove natural gas from 18-inch Mainline
  - Completed the week before the hydrotest
- ❖ Fill the line with water
- ❖ Pressurize the system
  - Normal operating pressure is 722 PSI
  - Test pressure is up to 1,444 PSI
    - Relatively short duration (approx. 30 minutes)
  - Reduce pressure to 1,100 PSI
    - Conduct 8-hour strength test

# How the Test is Performed (con't)

- ❖ De-pressurize the line
- ❖ Drain the water from the system
- ❖ If any integrity issues are found:
  - They are corrected as soon as possible
  - The hydrotest is performed again
    - Any re-testing must be performed within the prescribed test window timeframe
- ❖ Resume normal natural gas service

# Safety During the Test

- ❖ Safety is our #1 priority
- ❖ Performed extensive test preparations, including an inspection of the entire system
- ❖ Any pipe anomalies will be repaired in advance of conducting the hydrotest
- ❖ For the duration of the high pressure test, as a safety consideration, we plan to isolate the pipeline route from people and traffic



# Conducting the Test

## ❖ Advance Preparations

- Make all key stakeholders aware
  - Adjacent property owners
  - Emergency service providers
  - General driving public
- Announcements
  - Flyers, newspaper, FL511, website, etc.
- Dynamic message signs
  - 2 weeks in advance



# Conducting the Test (Con't)

## ❖ Night of the Test

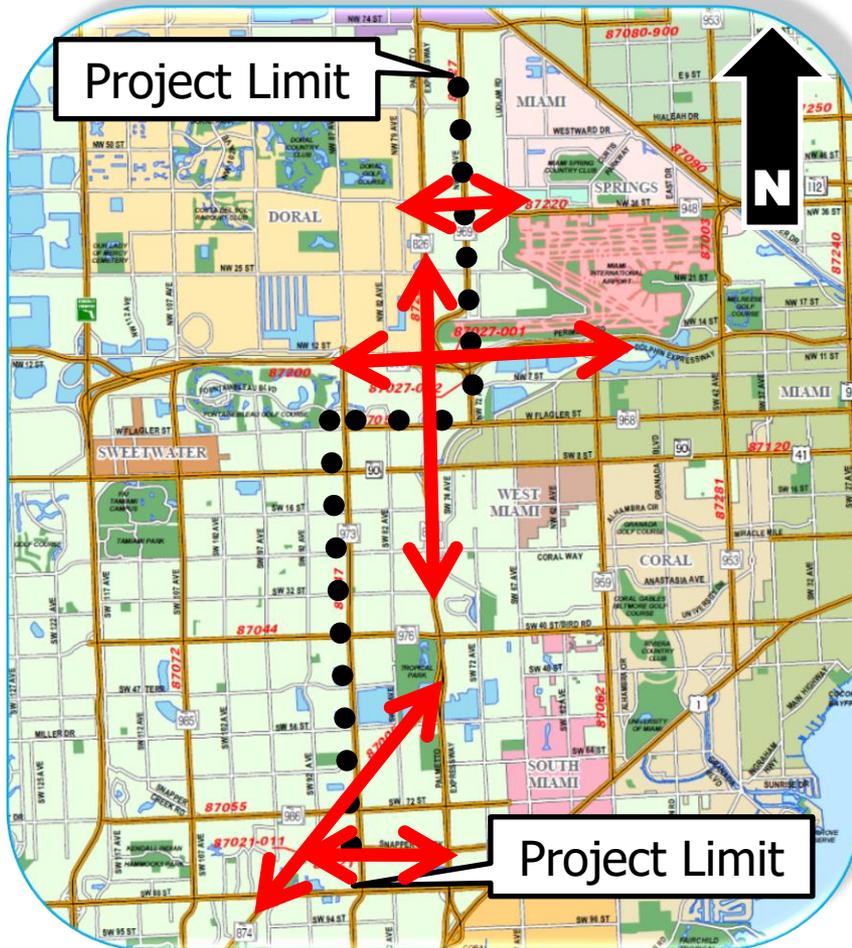
- Begin at midnight
- Close ramps/roads/cross streets with barricades
- Law enforcement support
- Confirm all-clear for 11.2-mile corridor
- Conduct hydrotest
- Reopen roadways at approximately 4:00 a.m.

# Traffic Control During the Test

- ❖ General Utility Permit from the Florida Department of Transportation is in process
- ❖ A limited number of access points will be open during the hydrotest
- ❖ Emergency responders will be able to cross as needed
- ❖ Officers will be stationed at major cross street detours

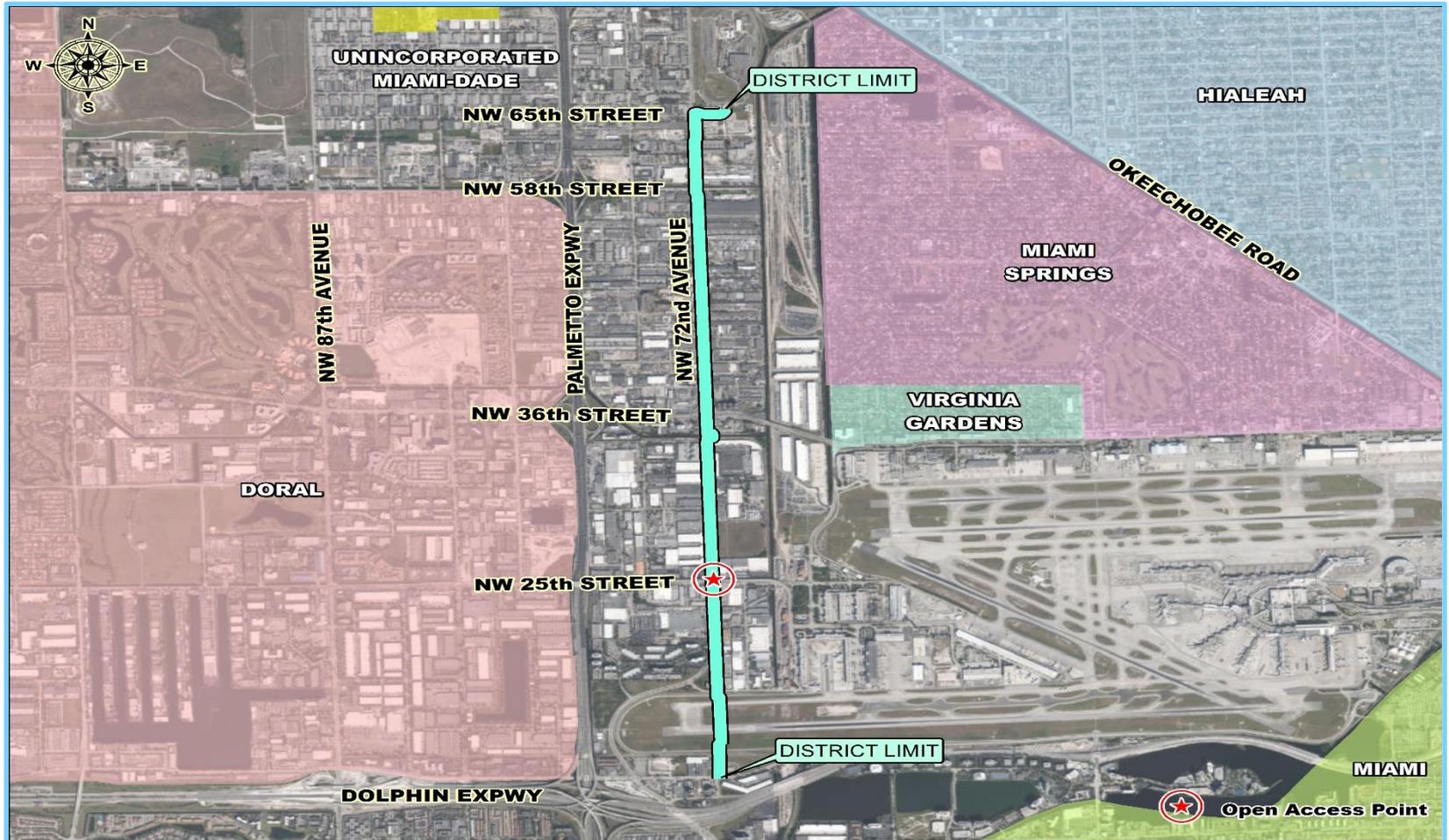


# Access Points During the Test

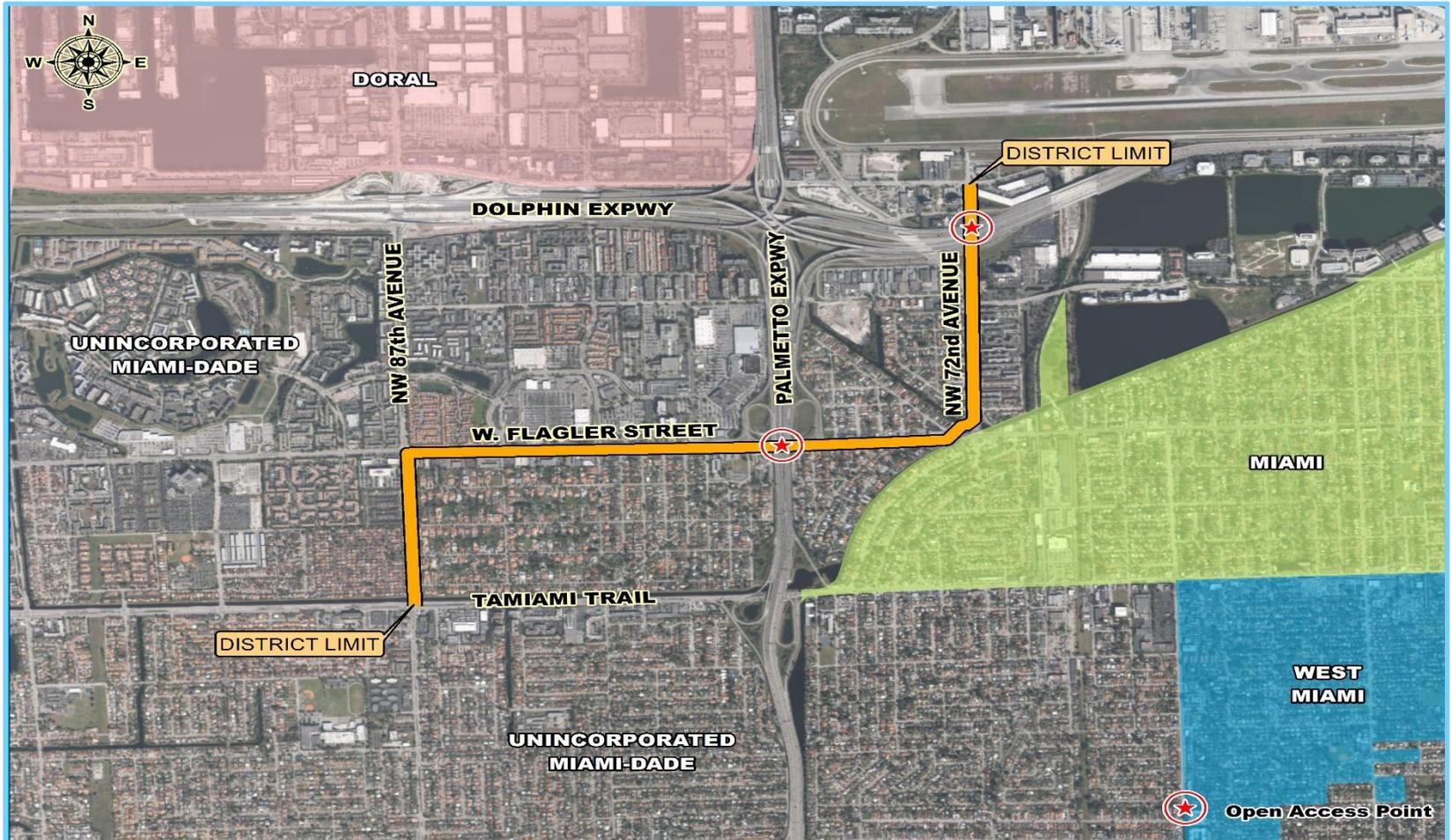


- ❖ NW 25<sup>th</sup> Street Viaduct
- ❖ Dolphin Expressway (SR 836)
- ❖ Palmetto Expressway (SR 826)
- ❖ Don Shula Expressway (SR 874)
- ❖ Snapper Creek Expressway (SR 878)

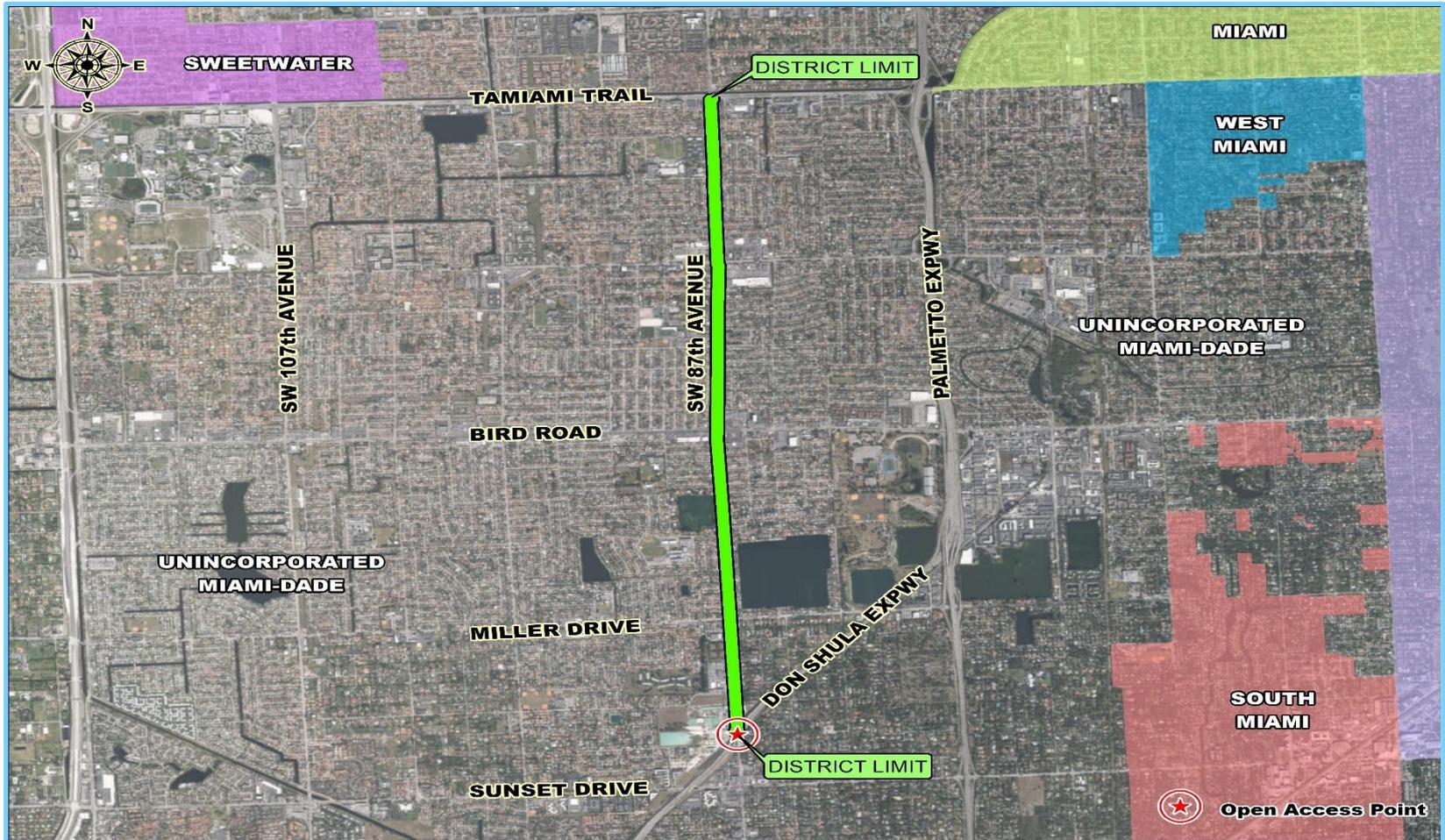
# Project Location – District 12



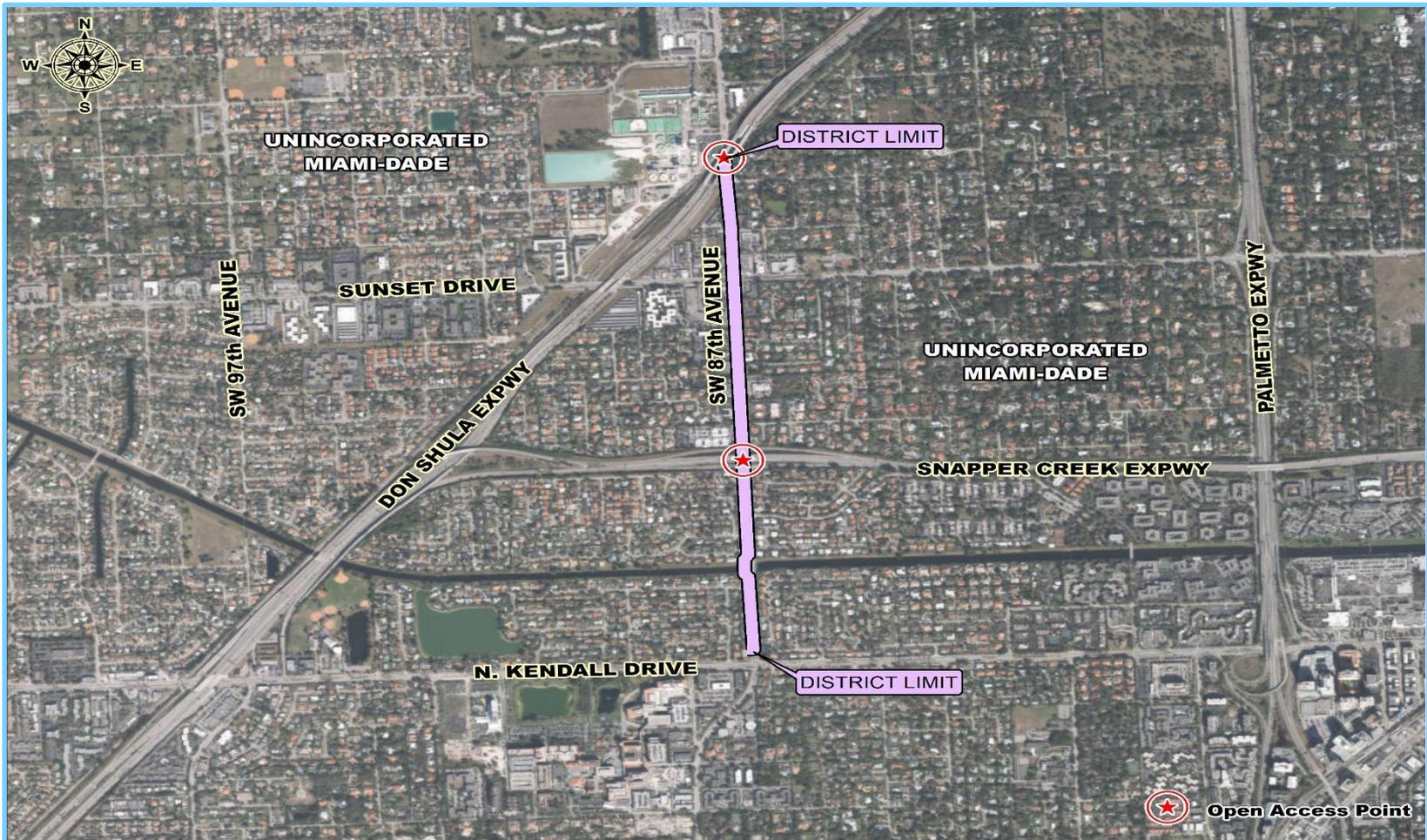
# Project Location – District 6



# Project Location – District 10



# Project Location – District 7



# For More Information

Please visit our website:  
[www.fgthydrotest.com](http://www.fgthydrotest.com)



Or contact FGT:

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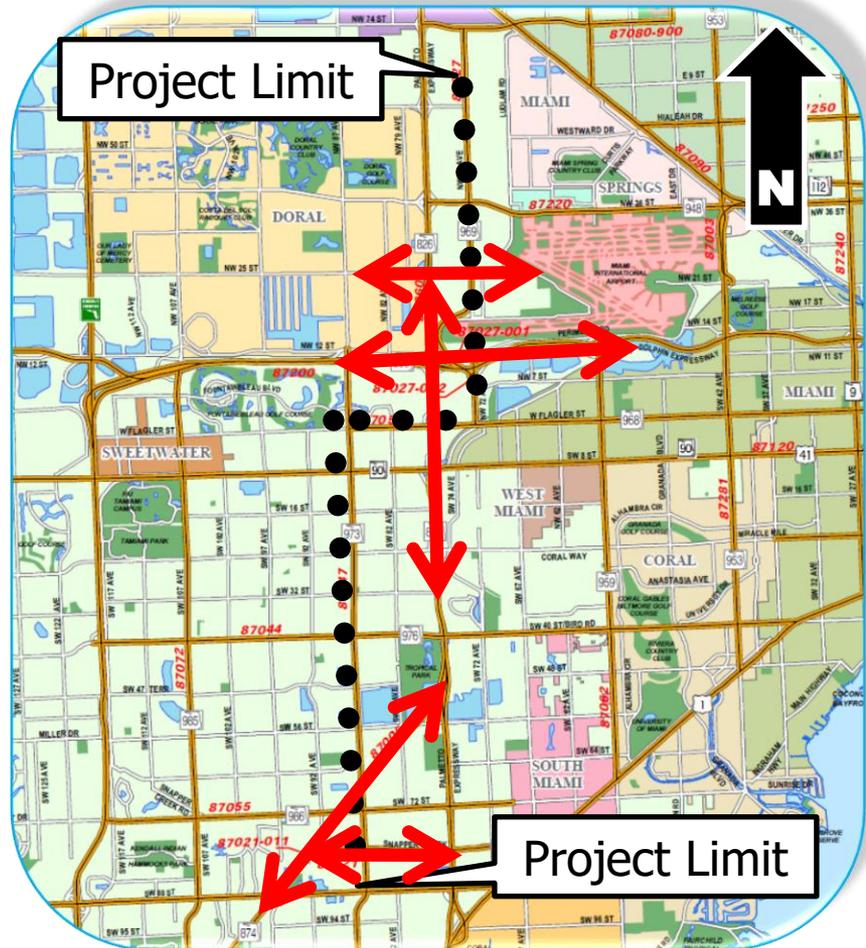
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# FGT 18" Mainline Hydrotest Summary



- ❖ Federal mandate
- ❖ Testing with water
- ❖ Test window is set for Monday 8 March 2021
- ❖ Midnight – 4:00 a.m.
- ❖ 11.2 mile road closure with law enforcement
- ❖ 5 access points open
- ❖ Emergency vehicles can always cross

Thank You