

Proposals From Non-Federal Interests for Proposed Feasibility Studies and Proposed Modifications to Authorized Water Resources Development Projects or Feasibility Studies for Inclusion in the U.S. Army Corps of Engineers Annual Report

Order from Section 7001 of the Water Resources Reform and Development Act of 2014

1. Non-Federal sponsor agency: Village of Pinecrest  
12645 Pinecrest Parkway  
Pinecrest, Florida 33156  
Miami-Dade County

2. **Proposal Classification**

The Village of Pinecrest is submitting a proposal as part of USACE projects that fall within the Corps' Overarching Strategy and Integrated Water Resources Management – *A holistic focus on water resource challenges and opportunities that reflects coordinated development and management of water, land, and related resources while maximizing economic services and environmental quality, and ensuring public safety while providing for the sustainability of vital ecosystems.* (Sustainable Solutions to America's Water Resources Needs, Department of The Army Corps of Engineers, Civil Works Strategic Plan 2011–2015)

3. **Project Purpose**

Background

In 2007, the Village of Pinecrest developed a Comprehensive Waterline Extension Project that consisted of a 38 mile (20,000 linear feet) system to address the water needs of approximately 1,500 well-dependent homes (50% of the properties in Pinecrest).

The well systems in Pinecrest draw water from the Biscayne Aquifer and therefore, are highly susceptible to both regional and local water management changes to the primary and secondary canal system of Miami-Dade County. As documented by the Department of Environmental Resources Management, proposed changes to the local drainage system by neighboring cities wishing to enhance flood control, jeopardize the Village's private wells making them more vulnerable to future saltwater intrusion. Other important reasons that contributed to the development of Pinecrest's Waterline Extension Project include the lack of fire protection via hydrants in an area representing 50% of the Village; documented cases of arson and nitrate contamination of several

wells; and the inability of properties without generators to access water after hurricane disasters.

Between the years of 2007 and 2009, a total of \$5,857,900 in funding was obtained from a number of sources including the Federal and State governments, in addition to a \$2 million local government match that resulted in the design of the entire Waterline Extension Project to address the approximately 1,500 homes dependent on well water, as well as construction of Phases 1 and 2 of the project which brought potable water to 549 homes.

Please see the waterline map attached as EXHIBIT A.

#### Description

This project consists of the installation of 8-, 12-, and 16-inch diameter iron water mains and extending new service lines from the water main to the lot lines, in accordance with Miami-Dade County Water and Sewer Department (WASD) standards. This project includes fire hydrants to provide fire protection as required to meet Miami-Dade County Fire standards. Each phase of the system is conveyed to WASD as constructed. Operation and maintenance of the extended Water Distribution System will be by WASD.

#### **4. Estimated Cost**

The total cost of construction of the Comprehensive Waterline Extension Project, as estimated in 2007, was \$19.8 million. Deducting the portion already constructed, a total of \$12 million is necessary to complete the balance of the project. The project is able to be divided into smaller phases depending on available funding

#### **5. Anticipated Benefits**

The Village anticipates the following benefits to the Waterline Extension Project:

- Provide residents with potable public drinking water from Miami-Dade County
- Prevent the contamination of any of the resident's drinking water (i.e. saltwater intrusion, arsenic, etc.)
- Increase fire protection throughout the Village by installing fire hydrants
- Make it possible for Pinecrest residents to receive water to their homes, irrelevant of power outages after a disaster.

## **6. Local Support**

In June 2013, Village Council adopted a five-year strategic plan that established goals for FY 2013 through FY 2018. The 2013 Strategic Plan has provided a framework to direct the Village's efforts and actions and to inform the budgetary process for the past three years. Through this strategic planning process, the community and its leaders prioritized six areas of opportunity derived from the Core Values and key intended outcomes. One of those priorities is Recreation and Infrastructure, and included as a goal "Provide public water to all Pinecrest residents and seek support from the State and Federal Government is the Village's highest priority".

## **7. Cost-Share Ability**

The Village Council hired lobbyists to represent the Village during the 2014 legislative session in Tallahassee, Florida with the primary responsibility of acquiring \$1.5 million in state funding toward expansion of water lines in Pinecrest. Unfortunately, the Village was not successful in obtaining funds. Acquiring funds will continue to be a top priority for the Village. In February 2014, as part of that application process, the Village Council unanimously approved a \$1.5 million appropriation of funds for the Waterline Extension project (EXHIBIT B). Additionally, since the 2012-13 Fiscal Year, the Village Council has approved \$75,000 yearly into a water line extension fund which currently has a balance of \$225,000. This funding is expected to continue until the project has been completed (EXHIBIT C).

## **8. Letter of Support**

A letter of support from the Mayor of the Village of Pinecrest is included in this proposal as EXHIBIT D.

## EXHIBITS

Exhibit A: Pinecrest Waterline Map

Exhibit B: Village of Pinecrest Resolution 2014-013

Exhibit C: Fiscal Year 2014-2015 Five-Year Capital Improvement Program

Exhibit D: Letter of Support

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## EXHIBIT A

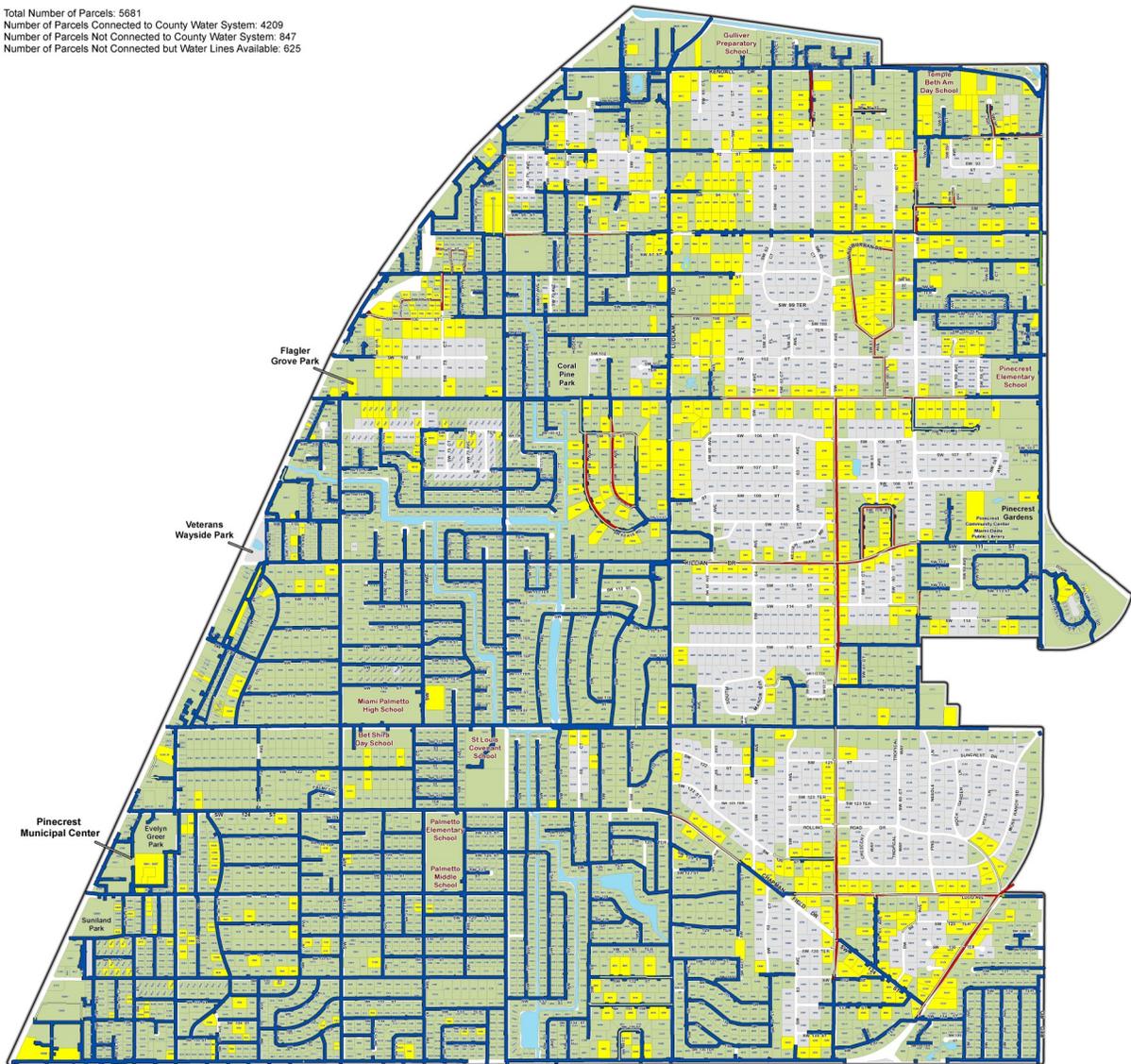
# Pinecrest Waterline Map

# WASD Service Property Connections

- Water Lines Not Added To County Data Yet 2011
- WASD Donation Water Lines 2014
- WASD Water Lines 2014
- County Water Lines 2013
- Parcels Connected to County Water System
- Parcels Not Connected to County Water System
- Parcels Not Connected But Water Lines Available

Data Source: Miami-Dade Water and Sewer Department  
(November 2013 with the exception of Donation and WASD Water Lines being February 2014)

Total Number of Parcels: 5681  
Number of Parcels Connected to County Water System: 4209  
Number of Parcels Not Connected to County Water System: 847  
Number of Parcels Not Connected but Water Lines Available: 625



0 900 1,800 3,600 5,400 Feet



June 2014

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## EXHIBIT B

# Village of Pinecrest Resolution 2014-013

**RESOLUTION NO. 2014-13**

**A RESOLUTION OF THE VILLAGE OF PINECREST, FLORIDA, AUTHORIZING THE MAYOR AND VILLAGE MANAGER TO SUBMIT ANY AND ALL NECESSARY DOCUMENTS TO THE STATE OF FLORIDA FOR A \$1.5 MILLION MATCHING FUNDING SOURCE FOR THE POTABLE WATER EXPANSION PROJECT; PROVIDING FOR AN EFFECTIVE DATE.**

WHEREAS, new revenues from the State of Florida are available for special projects requiring a 100% local match; and

WHEREAS, the Village's legislative representatives have requested the submission of a written request, including confirmation of the 100% match, with said match funds being available from any source, with the exception of a direct state legislative appropriation, regardless of pass-through entity; and

WHEREAS, the Village intends to request a \$1.5 million appropriation towards the Potable Water Expansion Project;

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF PINECREST, FLORIDA, AS FOLLOWS:

Section 1. That the Mayor and Village Manager are hereby authorized to submit any and all necessary documents to the State of Florida, including confirmation of a local match, for a \$1.5 million request for the Potable Water Expansion Project.

Section 2. This resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED this 11th day of February, 2014.

  
Cindy Lerner, Mayor

Attest:

  
Guido H. Inguanzo, Jr., CMC  
Village Clerk

Approved as to Form and Legal Sufficiency:

  
Mitchell Bierman  
Village Attorney



Motion by: Councilmember Ross  
Second by: Councilmember Cutler

Vote: Councilmembers Cutler, McDonald, Ross, Vice Mayor Corradino, and Mayor Lerner voting Yes

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## EXHIBIT C

Fiscal Year 2014-2015

Five-Year Capital Improvement Program

# Five Year Capital Improvement Program

PROJECT DESCRIPTION	FUND SOURCE	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL COST
<b>Flagler Grove Park:</b>							
Artificial Turf	CP	0	\$ 200,000	\$ 200,000	\$ 200,000	0	\$ 600,000
Lighting meter	CP	\$ 13,150	0	0	0	0	\$ 13,150
<b>Total Flagler Grove Park</b>		<b>\$ 13,150</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 0</b>	<b>\$ 613,150</b>
<b>Coral Pine Park:</b>							
Tennis center, playground & landscaping	CP	\$ 900,000	0	0	0	0	\$ 900,000
<b>Total Flagler Grove Park</b>		<b>\$ 900,000</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 900,000</b>
<b>Suniland Park:</b>							
Lighting Meter	CP	\$ 5,250	0	0	0	0	\$ 5,250
Walkways	CP	0	0	\$ 49,170	0	0	\$ 49,170
Adult Playground	CP	0	0	\$ 37,220	0	0	\$ 37,220
Perimeter Fence	CP	0	0	\$ 68,900	0	0	\$ 68,900
<b>Total Suniland Park</b>		<b>\$ 5,250</b>	<b>\$ 0</b>	<b>\$ 155,290</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 160,540</b>
<b>Pincrest Gardens:</b>							
Master Plan	CP	\$ 80,000	\$ 156,300	\$ 141,000	\$ 7,000	0	\$ 384,300
Mapping Project	CP	0	\$ 10,000	0	0	0	\$ 10,000
Interpretative Signs, Production	CP	0	\$ 10,770	0	0	0	\$ 10,770
Interpretative Signs, Layout	CP	0	\$ 2,400	0	0	0	\$ 2,400
Animatronic Talking Parrott	CP	0	\$ 27,450	0	0	0	\$ 27,450
Box Office Lighting	CP	\$ 4,340	0	0	0	0	\$ 4,340
Head Set Communications	CP	\$ 5,400	0	0	0	0	\$ 5,400
Petting Zoo	CP	0	\$ 100,000	\$ 150,000	0	0	\$ 250,000
Walkway Covers	CP	\$ 20,000	\$ 80,000	\$ 100,000	\$ 100,000	0	\$ 300,000
Parking Lot Resurfacing& Drainage Improvements	CP	\$ 87,000	0	0	0	0	\$ 87,000
Hammock Pavilion Audio	CP	\$ 13,000	0	0	0	0	\$ 13,000
Hammock Pavilion Lighting	CP	\$ 9,340	0	0	0	0	\$ 9,340
Splash & Play Serpent	CP	\$ 16,250	0	0	0	0	\$ 16,250
Split A/C Unit for Garage Storage	CP	\$ 3,800	0	0	0	0	\$ 3,800
Banyan Bowl Aisle Lighting	CP	\$ 4,220	0	0	0	0	\$ 4,220
Banyan Bowl Stage Floor	CP	\$ 45,270	0	0	0	0	\$ 45,270
Banyan Bowl Center Platform	CP	\$ 20,000	0	0	0	0	\$ 20,000
Banyan Bowl Conduits	CP	\$ 1,550	0	0	0	0	\$ 1,550
Banyan Bowl Gates	CP	\$ 6,000	0	0	0	0	\$ 6,000
Banyan Bowl: Overhead LED Stage Fixtures	CP	\$ 12,570	0	0	0	0	\$ 12,570
Banyan Bowl: Center Platform, Audio & Floor Spot, stair to mezzanine level & metal entrance	CP	\$ 17,800	0	0	0	0	\$ 17,800
<b>Total Pincrest Gardens</b>		<b>\$ 346,540</b>	<b>\$ 386,920</b>	<b>\$ 391,000</b>	<b>\$ 107,000</b>	<b>\$ 0</b>	<b>\$1,231,460</b>
<b>Community Center:</b>							
Lightning Meter	CP	\$ 13,150	0	0	0	0	\$ 13,150
Phase 1 & Phase 2 Expansion	CP	\$5,000,000	0	0	0	0	\$5,000,000
<b>Total Community Center</b>		<b>\$5,013,150</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$5,013,150</b>
<b>Water Line Project:</b>							
Water Line Extension	CP	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 375,000
<b>Total Water Line Project</b>		<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 375,000</b>
<b>TOTAL</b>		<b>\$9,418,240</b>	<b>\$2,835,920</b>	<b>\$2,567,290</b>	<b>\$1,150,000</b>	<b>\$620,000</b>	<b>\$16,541,150</b>

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# EXHIBIT D

## Letter of Support



VILLAGE OF PINECREST  
Office of the Village Council

December 2, 2014

Ms. Lisa Kiefel, Planning Portfolio Manager  
U.S. Army Corps of Engineers  
Attn: CECW-CE  
441 G Street NW  
Washington, DC 20314-1000

Dear Ms. Kiefel:

As requested, please have this serve as a statement of support of the Village's submission of a proposal as part of Order from Section 7001 of the Water Resources Reform and Development Act of 2014.

Village Council adopted a five-year strategic plan that established extending the water lines to all Pinecrest residents as a top priority. We hereby request to include the Village of Pinecrest proposal in the Annual Report to Congress in order to obtain federal resources.

If you have any questions, please contact me at [clerner@pinecrest-fl.gov](mailto:clerner@pinecrest-fl.gov) or (305) 234-2121. Thank you for your consideration of our proposal.

Sincerely,

A handwritten signature in blue ink that reads "Cindy Lerner".

Cindy Lerner  
Mayor

