

VILLAGE OF INDIAN CREEK  
FLORIDA



APPROVED BUDGET  
FISCAL YEAR 2018

# Indian Creek Village

There is something almost magical about the Indian Creek Village story. Imagine, if you will, a group of people who at the height of the great Florida boom of the 1920s, after building islands in the middle of Biscayne Bay and connecting them with a series of bridges called the “Venetian Causeway,” moved farther north into unincorporated Dade County. Once past the Miami city limits they organized the Shoreland Company and developed a whole area of northeast Dade County centered around what would, in 1932, after the Shoreland Company went bankrupt in the great bust that followed the boom, become “the village beautiful,” Miami Shores.

And then, just when you see how incredible that was in and of itself, think about the fact that their plans included a great causeway – the Grand Concourse – which would connect the Miami side with what was planned to be, in 1926, Miami Shores Island, a six-hundred-acre development that would be larger than all of the man-made islands in Biscayne Bay at the time. Then, to top it off, try to imagine that those plans also included what was to be called “the Mid-Bay Causeway,” which could come north from one of the Venetian Islands (the pilings still showing the outline of an island in Biscayne Bay, just south of the Julia Tuttle Causeway), and following a series of man-made islands, terminate at the south end of Miami Shores Island. The roadway thereon would connect with the Grand Concourse to the Miami side, as well as a bridge over to the beach side.

Not surprisingly, it never came to pass.

Well, most of it never came to pass, but what did become reality is today’s Indian Creek Village, a magnificent island of approximately three hundred acres south of the Broad Causeway and just west of Surfside, connected to that town by a two-lane bridge. This island – Indian Creek Village – is the direct lineal descendant of the great and grand plans of Hugh Anderson, Ellen Spears Harris and the Shoreland Company, which today is remembered for other things, but not for Miami Shores Island.

The filled area – approximately three hundred acres – went into a period of quiescence for several years, but sometime during the 1930s, a small group of hardy but wealthy individuals developed the idea that they could convert the weedy and muck-covered island into an exclusive enclave. Reseeding the island, they built a red-tiled clubhouse, designed to give the appearance of an European castle. The island’s original blueprints provided for forty-one lots along the road surrounding the golf course. A two-lane bridge would connect the island to the rest of the world via a place that had first been developed by Henri Levy, builder of Normandy Isle as well as the southern part of what would become Surfside, originally known as Normandy Beach.

Though the country was in the midst of the Great Depression, several wealthy (not to mention hardy!) homesteaders, including John Swift (he of the meatpacking company) and Harold Matzinger (a noted Wall Street genius), built mansions near the clubhouse. In 1939, however, word filtered onto the island that Surfside, which had been incorporated in 1935, was casting envious eyes at the island and, in fact, had been discussing the possibility of annexing the island at its council meetings.

Moving swiftly, the island’s residents took advantage of a defunct state law, which, at that time, permitted any group of twenty-five or more people living relatively contiguously to form a municipality. With the assistance of Judge Julien Southerland, who would become a founder, incorporator and the first mayor of Bal Harbour Village, the island was incorporated as Indian Creek Village on May 19, 1939, the Florida Legislature having passed the appropriate enabling act approving said incorporation two days previously.

Needless to say, Indian Creek Village remains both a magnificent enclave and a superbly managed and run municipality.

33154, The Story of Bal Harbour, Bay Harbor Islands, Indian Creek Village and Surfside, by Seth H. Bramson





## ***INDIAN CREEK VILLAGE, FLORIDA***

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### **Village Council**

**BERNARD KLEPACH**  
*MAYOR*

**JAVIER HOLTZ**  
*VICE MAYOR*

**IRMA BRAMAN**  
*COUNCIL MEMBER*

**ROBERT DIENER**  
*COUNCIL MEMBER*

**IRWIN TAUBER**  
*COUNCIL MEMBER*

### **Administrative Officials**

**C. SAMUEL KISSINGER**  
*VILLAGE MANAGER*

**STEPHEN J. HELFMAN, ESQ.**  
*Weiss, Serota, Helfman, Cole & Bierman, P.L.*  
*VILLAGE ATTORNEY*

**MARILANE LIMA**  
*VILLAGE CLERK*

**BEATRICE GALEANO**  
*FINANCE*

<p>Council-Manager Form of Government Incorporated May 19, 1939</p>
---

## **LIST OF ELECTED OFFICIALS**

### **Miami-Dade County**

#### **Commissioner Sally A. Heyman – District # 4**

Board of County Commissioners, District #4  
111 N.W. First Street, Suite 220  
Miami, FL 33128  
305-375-5128 305-372-6179 (fax)

#### **District Office**

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Bonnie Michaels / Norma Jay /  
Margie Amador Robinson / Alexis Mosley /  
Danielle Mejia

#### **MDC-PS School Board – District # 3**

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### **State**

#### **Representative of Florida House - District # 100**

##### **Joseph Geller**

##### **Capitol Office**

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850-717-5100

##### **District Office**

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954-924-3708 / 954-924-3709

#### **Senator Daphne Campbell – District # 38**

##### **District Office**

633 N.E. 167th Street  
Suite 1101  
North Miami Beach, FL 33162  
(305) 493-6009  
Legislative Assistants:

Frederik – [Theresa@flsenate.gov](mailto:Theresa@flsenate.gov)

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## **MEMBERS OF CONGRESS**

### **HOUSE OF REPRESENTATIVES**

#### **DEBBIE WASSERMAN-SCHULTZ – District # 23**

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Washington, DC 20510  
202-224-5274 202-228-2183

#### **U.S. ATTORNEY GENERAL – SOUTHERN DISTRICT FL WILFREDO A. FERRER, ESQ.**

U.S. Attorney's Office  
99 NE 4<sup>th</sup> Street  
Miami, FL 33132  
305-961-9001 / 305-530-7679 (fax)

#### **STATE ATTORNEY**

Eleventh Judicial Circuit of Florida  
**KATHERINE FERNANDEZ HUNDLE**  
1350 NW 12 Avenue  
Miami, FL 33136-2111  
305-547-0100







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# Indian Creek Village 2025 Future Land Use Map

Biscayne Bay



No part of Indian Creek Village lies with the designated coastal high hazard area.

## Land Use Legend

- Indian Creek Village Limits
- Single Family Residential
- Public Recreational
- Public Buildings and Grounds
- Other Facilities

1 - 55, X, V Lot Addresses

August 20, 2014

Prepared by:



0 350 700 1,400 2,100 2,800 Feet



## **HIGHLIGHTS FOR FY 2002 – 2018**

### **1. FINANCE**

- Comprehensive Annual Financial Report (CAFR) (2004 - 2017)
  - Not in a technical state of financial emergency
  - No deteriorating financial conditions
- Paid \$ 1.6 M General Obligation Promissory Note, Series 2001 (2011)
  - Reduced Debt Mill Rate from 0.70 to 0.575 = 0.450 (2003 & 2005)
- Extended Solid Waste Collection, Transportation and Disposal Contract Fixed Rate at \$ 26.00 per residence per month (FY 2010 – 2015) (2016 – 2018) FY 2006 Rate was \$32.49
- Administrative Services – Charge to Utility Funds (2010)
- Increased Membership in Drug Task Force (2007 – 2008 - 2015)
- Fund Balance Policy for General Fund: Resolution # 725 (2014)
- Hurricane Monitoring and Debris Removal Contracts (2014 - 2018)
- Resolution # 762 established \$ 2M line-of-credit (2016)

### **2. BEAUTIFICATION PROGRAM**

- Bridge Rehabilitation Program (2008)
- Master Plan for Streetscape Improvements and Enhancement – Resolution # 644 (2009)
- Design Guidelines and Specifications Manual (Ordinance # 198) (2010)
- Entranceway Improvement Project (2010 - 2011)
- Code Enforcement Ordinance # 202 (2012)
- Complete Street Design Guidelines Ordinance #220

### **3. STORMWATER UTILITY**

- 2004 Rate reduction and stabilized (2004 – 2018)
- 2006 Improvement Program (Phase 1)
- 2009 Improvement Program (Phase 2)
- 2013 Improvement Program (Phase 3)
- 2018 Improvement Program (Phase 4)

### **4. WATER UTILITY**

- Rate Stabilized (2003 – 2018)
- New Sensus water meters install to implement the automatic meter reading (2010)
- Water System Analysis (2014-2015)

### **5. SAFETY ISSUES**

- 20 MPH speed limit– Ordinance # 181 (2007)
- Entry Access Control Safety Improvement System Project (2011)
- Bridge Vehicle Weight Limitations – Ordinance # 206 (2012) (16 Ton)
- Automatic License Plate Recognition System – LPRS (2013)
- Atlantic Broadband Telecommunications System (2014)
- Comprehensive Public Safety Records Management System (2015)
- Physical Security Information Management System – PSIM (2015)
- New 29' Boat Defiant (2016)
- Optimized Bridge Rehabilitation Project (2016-2017)

### **6. NATURAL DISASTER MANUAL (2010) – Annually updated**

### **7. OPT-OUT OF MIAMI-DADE FIRE / RESCUE DISTRICT Proposal (2007 – 2018)**

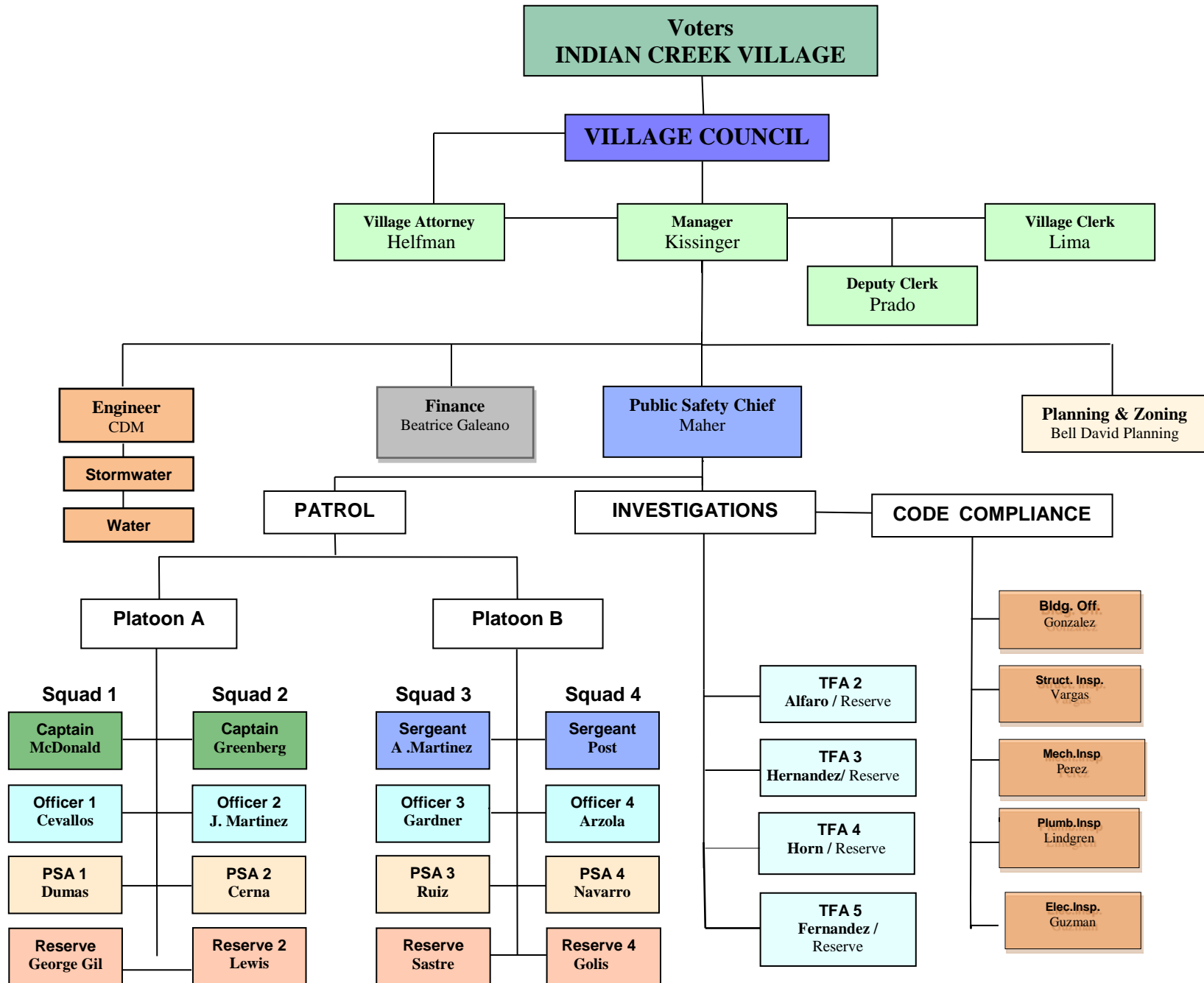
### **8. PLANNING**

- Revised / Updated Land Development Regulations (2005)
- Adopted Evaluation and Appraisal Report (EAR)- Ordinance # 170 (2005)
- Revised / Updated Comprehensive Plan – Ordinance # 179 (2007)
- Revised / Updated Flood Damage Prevention Ordinance (Chapter 16) (2011)
- Evaluation and Appraisal Amendments to Comprehensive Plan (Ordinance # 211 – (2014)
- FDOT Project Development Environmental Study (PD&E) approved 2015 for Implementation (2018)
- Calvin Giordano Associates – Planning & Zoning Consultant (2016)



**ENTRANCE TO ISLAND**

# ORGANIZATION CHART







# INDIAN CREEK VILLAGE, FLORIDA

September 30, 2018

The Honorable Mayor and Members of the Village Council  
Residents of the Village  
Indian Creek, Florida 33154-3212

Re: Message for the Fiscal Year 2018 Budget

Dear Mayor, Council Members and Residents of Indian Creek

In accordance with the Indian Creek Village Charter and the State law I am pleased to submit the Proposed Annual Budget for Fiscal Year 2018. The recommended Mill Rate for the fiscal year is 6.6092 MILLS PER \$ 1,000 OF ASSESSED VALUATION. This is a reduction of approximately 5% from last year's mill rate of 6.95. Since the FY 2015 the Mill Rate has been reduced almost 14%. The FY 2018 Mill Rate is the lowest in the Village's history.

The following presents a consolidated financial comparison and summary of the adopted 2015, 2016, 2017 and the proposed 2018 Annual Budget. The budget consists of the General Fund, Forfeiture Fund, and Enterprise Funds (2).

<u>Fund</u>	<u>2015 Adopted Budget</u>	<u>2016 Adopted Budget</u>	<u>2017 Adopted Budget</u>	<u>2018 Proposed Budget</u>
<u>General</u>	\$ 3,805,916	\$ 3,799,478	\$ 3,842,810	\$ 3,791,622
<u>Debt Service</u>	\$ - 0 -	\$ - 0 -	\$ -0-	\$ -0-
<u>Forfeiture</u>	\$ 402,250	\$ 300,000	\$ 183,540	\$ 136,500
<u>Stormwater</u>	\$ 183,500	\$ 183,900	\$ 185,000	\$ 184,500
<u>Water Utility</u>	\$ 430,000	\$ 435,000	\$ 437,000	\$ 434,500
	<u>\$ 4,821,666</u>	<u>\$ 4,718,378</u>	<u>\$ 4,648,350</u>	<u>\$ 4,547.122</u>

The Assessment Roll for the 2018 Budget is **\$ 570,381,417** or a 4% increase and will raise \$ 3,581,297 Ad Valorem Taxes. If the mill rate had not been reduced the present mill rate would have raised \$ 4,205,033. The rolled-back rate is 6.6092 the same as the Adopted Millage. The proposed mill rate will reduce taxes by \$ 382,853 which would have proportionally been added to your tax bill.

<u>FY</u>	<u>Mill Rate</u>	<u>Decrease</u>	<u>2 Year Decrease</u>	<u>3 Year Decrease</u>
2015	7.6736			
2016	7.5000	2.260%		
2017	6.9500	7.300%	9.5%	
2018	6.6092	4.903%		13.87%



# **INDIAN CREEK VILLAGE, FLORIDA**

Below are 2018 Budget Highlights:

The Fiscal Year 2018 Budget has been prepared based on the evaluation of current year expenditures and areas of concern to the residents and Council of Indian Creek. During this process, the operations and maintenance needs for the upcoming fiscal year have been identified and prioritized. Below are the highlights to the operating budget:

- The Village's certified taxable property values have increased by approximately \$22.4mm or 4.9%.
- The Millage rate has once again been reduced, this time from 6.9500 to **6.6092 mills** which is the current year roll-back rate, a reduction of 5%. This will be the third year in a row that property taxes have been cut and the lowest mill rate in the Village's history.

<u><b>Fiscal Year</b></u>	<u><b>Mill Rate</b></u>	<u><b>Fiscal Year</b></u>	<u><b>Mill Rate</b></u>
2015	7.6736	2017	6.9500
2016	7.5000	<b>2018</b>	<b>6.6092</b>

- The General Fund Budget was balanced without the use of reserves, which currently total approximately \$1 million. Proposed operations and maintenance costs total \$3,791,022, a decrease of approximately \$52,000 or 1.3% when compared to the current year.
- The balance of the \$1.2mm short-term borrowing from the Utility Funds (Resolution 727) has been completely repaid two years ahead of schedule. This borrowing bore an interest rate of 2%, a savings of almost \$20k. The Village is currently free of debt and subsequently, the proposed General Government Department budget was reduced by 12%.
- Operating expenses within the Public Safety Department budget were increased by 3.8% mostly based on projected personnel costs and tuition reimbursement benefits.
- The Stormwater and Water Utility rates remain the same.
- The Forfeiture Fund has been reduced significantly (26%) to reflect dwindling forfeiture proceeds collected during the current fiscal year.
- Below is a summarized comparison of the adopted FY2017 budget and the proposed FY2018 budget:

<b>Fund</b>	<b>Adopted FY 2017</b>	<b>Proposed FY 2018</b>	<b>Variance</b>
General Fund	\$ 3,842,810	\$ 3,790,622	-1%
Forfeiture Fund	\$ 183,540	\$ 136,500	-26%
Stormwater Utility Fund	\$ 185,000	\$ 185,000	0%
Water Utility Fund	\$ 437,000	\$ 434,500	-1%
<b>Total</b>	<b><u>\$ 4,648,350</u></b>	<b><u>\$ 4,546,622</u></b>	<b><u>-3%</u></b>



# **INDIAN CREEK VILLAGE, FLORIDA**

## **I. ASSESSMENT ROLL AND MILL RATES FROM 2011 – 2018**

	<u>FY</u>	<u>Assessment</u>	<u>Mill Rate</u>	<u>Special Assessment</u>	<u>No Special Assessment</u>	<u>Ad Valorem Revenue</u>
A.	2012	\$ 322,618,125	2.7200	\$ 52,234	9.5924	\$ 833,645
B.	2013	\$ 360,636,046	7.9518	- 0 -	-0-	\$ 2,724,230
D.	2014	\$ 431,078,677	6.9500	- 0 -	-0-	\$ 2,845,197
E.	2015	\$ 448,191,799	7.6736	- 0 -	-0-	\$ 3,267,299
F.	2016	\$ 502,074,351	7.5000	- 0 -	-0-	\$ 3,577,280
G.	2017	\$ 547,987,077	6.9500	- 0 -	-0-	\$ 3,808,510
H.	2018	\$ 570,290,926	6.6092	- 0 -	-0-	\$ 4,546,122

Note: Property in the Village is reassessed each year. Property is assessed at actual value. Estimated actual value increased in 2010 due to the elimination of the security assessment the Village assessed on the owners rather than through ad valorem taxes in 2011 and 2012.

### **FY 2018 GENERAL FUND REVENUES**

#### **Proposed Mill Rate: 6.6092**

The current rate is 6.95 mills per \$ 1.000 of assessed evaluation. We are proposing a target rate of **6.6092** mills. This rate has proven sustainable in past years and allows for the required level of service to be maintained for Village-wide operations. Ad-Valorem revenue total \$ 3,581,297.

Taxes levied at the proposed 6.6092 rate would generate \$ 3,581,277 in ad-valorem revenue, a decrease of approximately \$ 36,808 over the current year's budgeted tax revenue.

Other budgeted revenues of \$ 209,345 amount to approximately 5% of the total budget and include half cent sales tax, communications services tax, electric franchise fees. Those revenues have been projected based on estimates provided by the Florida Department of Revenue as well as historical data.

#### **Other Revenues**

The other proposed revenue projections remain fairly consistent with the current year budget.

### **General Fund Expenditures for Fiscal Year 2018**

The FY 2018 General Fund Budget, totals \$ 3,790,622. The details are as follows:

Management is again recommending that the General Fund Contingency be \$ 187,000 in order to increase the Fund Balance. Following this course of action over the next several years will insure that the Village maintains sufficient reserves to pay for natural disasters, litigation expenses, budget shortfalls and other unanticipated expenditures and unforeseen projects improvements.





## **INDIAN CREEK VILLAGE, FLORIDA**

- Because of on-going litigation as the Village continues to defend its right to levy the Special Security Assessment, legal fees have been budgeted at \$455,000 annually based on historical data.
- The Village has been long term debt free since March, 2011.
- The July 1, 2017 property values reflect a 4.9% increase, with a total assessed value of \$ 570 M. Based on that information, a millage rate of 6.6092 is required to balance the FY 2018 General Fund Budget. (The current year mill rate is 6.9500).

Personnel as well as operations and maintenance cost increases are consistent with the local trends. The General Government budget has been reduced by 12%. The Public Safety budget shows a slight increase of 3.8%. Overall, the General Fund budgeted expenditures has been decreased by 1.3% when compared to the current year.

The hospitalization and dental plans that have been approved by the Village Council requires the employee to pay for 40% of the family coverage since 2007. The total net cost to the Village has increased from \$ 211,032 for FY 2006 to \$ 228,878.55 for FY 2018.

The General Fund Commercial liability and Worker's Compensation Insurances have declined from a high of \$172,176 in FY 2002 to a low of \$ 75,000 in FY 2018 due to lack of claims and market conditions. Worker's Compensation declined from a high of \$ 99,071 in FY 2002 to a low year of \$ 18,713 for FY 2018. Deductibles are at the maximum levels for all policies:

<u>Deductibles</u>	<u>Actual</u>	<u>Maximum</u>
1. General Liability	\$ 10,000	Maximum
2. Automobile Liability	\$ 25,000	Maximum
3. Property	\$ 100,000	Maximum
4. Workers Compensation	\$ 50,000	Maximum

The Workers Compensation experience rating has declined from a high in FY 2005 of 0.95 to a low of 0.7 today a reduction of 25%. The average number is 1 and anything lower is better than the average. The newest modifier is based on off of the last 3 years of Workers Compensation claim. Our insurance reserve is \$ 200,000 as of September 30, 2017 because of the high deductibles which would back up any losses.

	<u>Adopted Budget</u> <u>2015</u>	<u>Adopted Budget</u> <u>2016</u>	<u>Adopted Budget</u> <u>2017</u>	<u>Proposed Budget</u> <u>2018</u>
Personnel	\$ 2,060,060	\$ 2,129,535	\$ 2,201,046	\$ 2,275,450
O & M	\$ 1,335,856	\$ 1,401,231	\$ 1,435,357	\$ 1,286,672
Capital	\$ 0	\$ 0	\$ 0	\$ 0
Contingency	\$ 410,000	\$ 268,711	\$ 187,000	\$ 228,500
	<u>\$ 3,805,916</u>	<u>\$ 3,799,477</u>	<u>\$ 3,842,810</u>	<u>\$ 3,790,622</u>



# **INDIAN CREEK VILLAGE, FLORIDA**

## **FY 2018 GENERAL FUND HIGHLIGHTS**

The Village adopts a budget each year for the fiscal year beginning October 1<sup>st</sup> and ending September 30<sup>th</sup>. The budget reflects Village Council spending priorities for the upcoming fiscal year and includes the following programs and projects. The following are the highlights for Fiscal Year 2018:

### **REFUSE COLLECTION AND DISPOSAL CONTRACT**

1. The Village has contract for the collection and disposal of refuse since January 1, 1980. Resolution # 364 adopted December 15, 1995 requires the Village to deliver all of its municipal waste to the County.

Village Manager reported to the Village Council at the June 4, 2007 Village Council meeting a Solid Waste Service contractor is interested in providing refuse and recycling collection and disposal service for the Village at a lower cost than the Village was currently paying \$ 32.11. Village Manager stated at the July 2<sup>nd</sup> Council meeting the Request for Proposals for Solid Waste collection, transportation and disposal were completed. Proposal dated July 16<sup>th</sup> was advertised: July 7 and 16, 2007 in the Daily Business Review. Four bids were received August 13, 2007, the lowest bid received was from Sterling Waste Services, LLC at \$ 20.00 per month per dwelling unit. Sterling was awarded a three (3) year contract. The contract may be extended for two (2) additional (2) two year terms. Waste Services of Florida, Inc. informed the Village the last day for their solid waste collection was Friday, November 30, 2007 in a letter addressed to the Village Manager dated October 23, 2007 and was read at the October 30<sup>th</sup> Council meeting.

Ordinance # 191 was introduced and approved at the November 12, 2007 Council meeting for the collection, transportation and disposal of solid waste for the residential area of the Village by Sterling Waste Services, LLC subject to changes recommended by the Village Council to the Agreement at the November 12<sup>th</sup> meeting. The Ordinance was adopted November 28, 2007. The contract was executed December 19, 2007. Letter advising residents of refuse collection regulations and the beginning of a new service date by Sterling Waste Services, LLC was sent November 24, 2007. The service was initiated December 3, 2007.

The President of Sterling Waste Services, LLC in a letter dated December 10, 2008 that an agreement was approved to merge with Choice Environmental Services of Miami, Inc. A meeting with the Choice representative was held on February 11, 2009 to plan the transition. Resolution # 642 adopted January 20, 2009 approved the transfer. The transfer which was effective January 1, 2009. The contract ends December 3, 2010.

Resolution # 677 was adopted at the September 8, 2010 Council Meeting which authorized a five (5) years extension beginning December 1, 2010 and terminating November 30, 2015 at a fixed cost of \$ 26.00 per month per residential customer. This was in lieu of a two (2) year extension



## **INDIAN CREEK VILLAGE, FLORIDA**

Resolution # 441	- \$ 32.11	per dwelling / per month	May 1999 – March 2004
Resolution # 545	- \$ 32.11	per dwelling / per month	April 2004 – March 2007
Ordinance # 191	- \$ 20.00	per dwelling / per month	December 2007 – 2011
Resolution # 677	- \$ 26.00	per dwelling / per month	December 2011 - 2015
Resolution # 745	- \$ 26.00	per dwelling / per month	December 1, 2015 - 2017

Cost-of-Living Adjustment – October 1, 2008 and annually thereafter (Section 12.4)

Resolution # 714 adopted April 16, 2013 consenting to the acquisition of the solid waste contract from Choice Environmental Services Inc. to Waste Services of Florida, Inc.. The Village was notified in a letter dated September 6, 2013 that WSI changed its name to Progressive Waste Solutions of FL, Inc.

At the March 31, 2015 Council meeting the Manager was given authorization to renegotiate the solid waste Agreement with Progressive Waste Solutions of FL Inc. which ends November 30, 2015.

The Manager reported at the May 5, 2015 meeting that Progressive Waste has agreed to extend the Agreement for an additional two (2) years or until November 30, 2017 in accordance with terms of the original and amended Agreement at a rate of 26.00 per resident per month plus a cost-of-living adjustment. This was confirmed in an April 22, 2015 letter from Progressive. There will be no cost-of-living adjustment for the first year.

Resolution # 745 was adopted at the May 26, 2015 Council meeting approving the extension and modifications of the Progressive Agreement until November 30, 2017. The Agreement was executed October 22, 2015. As of April 30, 2018 the rate has remained the same for FY 2018 as FY 2017.

### **ELECTRONIC DOCUMENT STORAGE AND RETRIEVAL OF OUR MUNICIPAL RECORDS**

2. Resolution # 532 adopted September 9, 2003 authorized the execution by the Village Manager of an agreement with International Data Depository for scanning our building construction plans and Village documents to electronic images, (CD Imaging Systems), storage, offsite vault services and retrieval of those images. The objective of the project is to assist the Village in converting their existing documentation into digital imaging. This project is ongoing.

### **CODE OF ORDINANCES**

3. Resolution # 215 adopted November 13, 1989 authorized Municipal Code Corporation of Tallahassee, Florida to maintain our Code of Ordinances. The code is updated as new legislation is adopted by the Village Council.

### **POLICE DEPARTMENT**

4. The Police Department position-control for Fiscal Year 2007 to 2018 is as follows:





# **INDIAN CREEK VILLAGE, FLORIDA**

## Police Department Position-Classification Plan

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Chief	1	1	1	1	1	1	1	1	1	1	1
Captains	2	2	2	2	2	2	2	2	2	2	2
Sergeant	2	2	2	2	2	2	2	2	2	2	2
Officers	6	5	4	4	4	4	4	4	4	4	4
Civilians	4	4	4	4	4	4	4	4	4	4	4
<b>Sub-total</b>	15	14	13	13	13	13	13	13	13	13	13
Task Force	1	1	1	1	1	1	1	0	0	0	0
Contract Officers	1	2	2	2	1	2	2	4	4	4	4
TFA*											
Reserve Officers	1	3	4	4	5	5	5	3	3	4	4
<b>Total</b>	18	20	20	20	20	21	21	20	20	21	21

### \* Task Force Agency

Two (2) additional contract Task Force employees were authorized by the Village Council on October 20, 2007 and March 24, 2008 and are assigned to U.S. Customs Group # 1 and # 3 along with one (1) previously assigned police officer. The Police Officer assigned to the Task Force resigned effective September 19, 2014. Those funds for FY 2015 were allocated to employ two (2) additional Task Force members bringing the total Task Force contract employees to four (4) personnel. This was reported to the Council at the September 29<sup>th</sup> meeting. The above is the position control policy for the Police Department for fiscal year 2018.

5. The following is a summary of the General Fund balance, compensated absences, and insurance reserve:

<u>Fiscal Year</u>	<u>Fund Balance</u>	<u>Compensated Absences</u>	<u>Resolution # 561 Insurance Reserve</u>
2001	\$ (237,376)	\$ 0	\$ 0
2002	\$ 128,934	\$ 216,747	\$ 0
2003	\$ 132,244	\$ 190,857	\$ 25,000
2004	\$ 434,789	\$ 193,365	\$ 35,000
2005	\$ 967,420	\$ 183,730	\$ 67,420
2006	\$ 1,320,799	\$ 171,531	\$ 67,420
2007	\$ 1,413,250	\$ 161,171	\$ 100,000
2008	\$ 3,214,406	\$ 187,290	\$ 125,000
2009	\$ 2,801,767	\$ 173,623	\$ 125,000
2010	\$ 2,016,719	\$ 175,031	\$ 125,000
2011	\$ 97,172	\$ 192,154	\$ 125,000
2012	\$ 432,610	\$ 204,383	\$ 125,000
2013	\$ 299,077	\$ 240,500	\$ 125,000
2014	\$ (112,588)	\$ 256,562	\$ 125,000
2015	\$ 512,840	\$ 262,935	\$ 200,000
2016	\$ 1,070,471	\$ 250,395	\$ 200,000
2017	\$ 912,931	\$ 287,479	\$ 200,000



## **INDIAN CREEK VILLAGE, FLORIDA**

Note: The General Fund reported a deficit in FY 2014 fund balance at September 30, 2014 in the amount of \$ 112,588. Substantially the entire deficit is related to the installation and construction of telecommunications facilities within the Village. The Council approved Resolution # 737 on October 21, 2014 authorizing a special assessment for these capital improvements that eliminated the deficit in fiscal year 2015.

Subsequent to fiscal year end, the Village collected \$ 341,877 of the special assessment which eliminated the deficit fund balance.

### **STAFFING**

6. Staffing for the Village level remains the same for FY 2018 as same as last year.

### **BENEFITS**

7. The budget includes funds for the payment of accumulated vacation time when the hours exceed 240, compensatory leave in excess of 80 hours and sick time in excess of 520 hours in December of each year. The employee must have completed (5) five years of service to receive the accumulated sick leave payment. The liability as of September 30, 2017 is \$ 262,935.

### **UTILITY RATES**

8. Utility surcharge rate shall remain the same as last year. The water utility rate was last increased in 2002 effective for FY 2003 (Water) and effective for FY 2004 the (Stormwater) rate was lowered.

### **ANNUAL COMPREHENSIVE FINANCIAL REPORT**

1. At the February 17, 2015 Council meeting after the 2014 Annual Comprehensive Financial Report and Management letter were accepted by Resolution # 741 and the Village Manager reported the contract with the firm of Marcum LLP, has ended. Marcum LLP has performed the Annual Audit since 2004.

A Request for Qualification for Professional Auditing Services was advertised in the Miami Daily Business Review on March 2 and 9, 2015 indicating proposals are due on April 30, 2015. The Village received five (5) proposals from Certified Public Accounting firms. A standard audit ranking system was utilized to review each proposal. The rankings dated May 5, 2015 were reported to the Council at the May 5<sup>th</sup> Council meeting. The Council instructed the Manager to negotiate with the highest ranked firm which was ALBERNI CABALLERO & FIERMAN, Coral Gables, FL. At the May 25<sup>th</sup> meeting the Council passed and adopted Resolution # 746 to retain the firm. The contract was executed June 24, 2015 for FY 2015.



## **INDIAN CREEK VILLAGE, FLORIDA**

The FY 2017 Report was accepted by the Village Council with the adoption of Resolution # 774, March 20, 2018, the Firm was authorized to prepare the FY 2018 Annual Financial Report.

The contract prices for the following fee schedule for the years 2015 – 2020:

FY 2015 - \$ 19,000	FY 2017 - \$ 21,000	FY 2019 - \$ 23,000
FY 2016 - \$ 20,000	FY 2018 - \$ 22,000	FY 2020 – \$ 24,000

For the eighteenth (18<sup>th</sup>) year, the Village received the prestigious Certificate of Achievement Award for Excellence in Financial Reporting for the 2017 report from the Government Finance Officers Association of the United States and Canada.

### **Comprehensive Plan**

10. The 2007 Comprehensive Plan adopted November 6, 2006 and Florida Department of Community Affairs no objection letter dated February 16, 2007 included in Chapter 7, Objective E – Policy 5 that the Village provide beautification of streets, rights-of-way and public open space and facilities within Indian Creek Village. Comprehensive Plan policy is to promote street appearance of all homes and to provide beautification of the entranceway, 91<sup>st</sup> extension and Indian Creek Island Road and public open space.

### **Public Safety Streetscape Improvements and Enhancement Master Plan**

Resolution # 644 unanimously adopted March 4, 2009 accepted and approved the document titled “PUBLIC SAFETY STREETSCAPE IMPROVEMENTS AND ENHANCEMENT MASTER PLAN” dated March 4, 2009 in order to improve the Village pedestrian safety and vehicle circulation system. This plan includes various elements: Reconstruction & Enhancement of Village Entranceway, reconfiguration & enhancement of entrance road (from bridge to Indian Creek Island Road, reconfiguration & enhancement of Indian Creek Island Road (including cul-de-sacs) and the development of a waterside recreational area on land currently owned by the Indian Creek Country Club. THE ENTRANCEWAY RECONSTRUCTION AND ENHANCEMENT WERE COMPLETED MARCH, 2011.

The beautification project consists of increasing the aesthetic quality of the Village with the employment of an enhanced entrance sequence of spaces with landscape treatments and decorative features. Doubling as traffic calming devices, paving treatments and a pedestrian recreational pathway, six (6) feet wide concrete sidewalk, St. Augustine sod and enhanced with bollard lightings and plantings, is envisioned to be incorporated throughout the island, ensuring the further safety of joggers, runners and walkers as they share the roadway with vehicles.





# **INDIAN CREEK VILLAGE, FLORIDA**

## **Indian Creek Island Road**

Almost all of Indian Creek Island Road, the project will narrow the existing pavement by approximately 3 feet, resulting in a finished roadway width of approximately 25 feet. The small dead-end segment of the road lying north of the bridge will remain essentially at its current width. The existing roadway segment abutting the Indian Creek Country Club was constructed partially outside of the 70 ft roadway easement. This project will reconstruct the roadway at that location, so that it will be completely contained within the easement. Drainage improvements will be made throughout to minimize ponding on the street.

There will be a continuous 8 foot wide concrete sidewalk running along the golf course side of the road. At the Clubhouse frontage, the sidewalk will cross over to the water side of the road. Except for at the clubhouse frontage area, there will be a minimal 7 foot wide grass strip and 1 foot wide concrete mountable curb between the pavement and the sidewalk. This swale is sized for parallel parking. In certain limited areas, the sidewalk will meander to avoid large trees, tee boxes or other existing obstructions. In these areas, the resulting grass strip between the road and sidewalk will be either wider or narrower than the 7 feet. In no case will the sidewalk be located outside of the seventy (70') foot easement.

Five slightly-raised speed tables are being constructed along Indian Creek Island Road for traffic calming purposes. The speed tables will be made of paver bricks with concrete banding. Low-level lighting is being provided along the entire corridor, except at the clubhouse frontage. The decorative poles to light the street will be located at each property corner, on the residential side of the road. These decorative poles will be 12 feet in height and the lamps will be 100 watts in luminescence. Low-level lighting will also be provided for the sidewalk. This will consist of small path lights, and some up-lights under large tree canopies. All these fixtures will be buffered from view by landscape material.

A limited number of shade trees, palm trees and flowering trees will be planted along the road, on the golf-course side, all within the roadway easement. The trees placement will be such that views from homes will not be obstructed. The sod along the sidewalk will match the existing sod type present in each area of the golf course boundaries.

## **Road from Bridge to Indian Creek Island Road** **Cul-de-Sacs**

The existing southern cul-de-sac will be overlaid with new asphalt, but will otherwise remain as is. The northern cul-de-sac will also be resurfaced with new asphalt. The existing metal guardrail there will be replaced with a low wall similar to north cul-de-sac, with the incorporation of bench seating.

A landscaped median will be constructed in the 50 ft roadway easement segment between the bridge and Indian Creek Island Road. A sidewalk will also be built on the south side of that street. The corner radii at Indian Creek Island Road will be curbed and landscaped to provide traffic calming and beautification. Landscape lighting will be added in this area to provide nighttime aesthetic appeal. Swale on either side of the roadway will be landscaped



## **INDIAN CREEK VILLAGE, FLORIDA**

with low shrub material. The vista of the end of the road will be opened up to the golf course by the removal of existing shrubbery and will be framed by new clusters.

### **COMPREHENSIVE EMERGENCY MANAGEMENT PLAN**

11. The Disaster Plan includes the Disaster Recovery Services Plan, Disaster Debris Management Plan dated July 22, 2009, updated August 2015, Debris Monitoring and Disposal Contracts, list of Island Residents and telephone numbers, boil water notice and guidelines, insurance information, fact sheet and a compilation of local and area telephone numbers were prepared August 1, 2010 and is up-dated periodically.

Resolution # 636 adopted August 26, 2008 authorized the Village Manager to execute Agreements with firms to provide disaster debris monitoring services and removal of debris from island roadways in the event of a declaration of an emergency by a state or federal government executive. At the April 17, 2013 Council Meeting the Manager reported a three (3) year contract was executed with Witt|O'Brien's for debris monitoring which ends April 30, 2016. The contract was extended for two (2) additional years ending on April 30, 2018.

Resolution # 733 adopted August 19, 2014 approved the Agreement with DRC Emergency Services, LLC by "piggybacking" off a competitively-bid agreement by the City of North Miami. North Miami approved the use of their contractor on July 15, 2015. The contract must be approved each year by North Miami. Their approval dates are as follows:

- June 1<sup>st</sup> 2011 to May 31<sup>st</sup> 2014
- June 1<sup>st</sup> 2015 to May 31<sup>st</sup> 2016
- June 1<sup>st</sup> 2016 to May 31<sup>st</sup> 2017
- June 1<sup>st</sup> 2017 to December 31<sup>st</sup> 2017

### **GOVERNMENT CENTER BULKHEAD REHABILITATION PROJECT**

12. The seawall protects the Village's Government Center from Indian Creek canal, provides anchoring for the floating docks used by the Village's Public Safety Department, and supports the parking area used for the Public Safety Department's Vehicles and employee parking.

The Village has evidence that soil is being washed out through and/or under the seawall and into the bay, causing settlement damage to the existing paver system and the light poles close to the seawall.

The Village completed an investigation in March 2011 to determine existing conditions of the seawall and develop alternatives for repair or replacement. The seawall appeared to be generally straight and vertically plumb throughout its entirety, with no noticeable signs of (vertical) settlement or rotation. There were a few locations along the upland side of the wall where sinkholes were observed immediately behind the concrete cap. The investigation included underwater investigation and geotechnical investigation.

The Village advertised a Request for Proposals on May 3, 2011 requesting design-build services for the rehabilitation of the seawall. The rehabilitation will include necessary repairs



## **INDIAN CREEK VILLAGE, FLORIDA**

to address soil erosion. The pre-bid meeting was held May 17<sup>th</sup> with seven (7) people attending. Proposals were due June 3<sup>rd</sup>. One proposal was received in the amount of \$ 372,000 and it was rejected. The project was re-advertised a second time and two proposals were received February 21, 2012. One additional proposal was received after the deadline. The costs were \$ 347,000, \$ 349,000 and \$ 385,000. A third bidding was received in 2014 at a cost of \$ 255,878 and \$ 277,000.

### **Government Center Bulkhead Rehabilitation Proposals**

<b><u>BID DUE DATE</u></b>	<b><u>CONTRACTOR</u></b>	<b><u>PROPOSED COST</u></b>
1. June 03, 2011	* Anzac Contractors, Inc.	\$ 372,000.00
2. February 21, 2012	* Kearns Construction, Co - (steel) -(aluminum)	\$ 347,000.00 \$ 196,000.00
	* Ebsary Foundation, Co.	\$ 349,000.00
	* Anzac Contractors, Inc.	\$ 385,000.00
3. June 16, 2014	* Dynamic Construction Group, Inc.	\$ 255,878.00
	* Shoreline Foundation, Inc.	\$ 277,000.00
		\$ 446,000.00

### **Fund Balance Policy**

13. Fund Balance Policy was established by the Village Council with the adoption of Resolution # 725, March 18, 2014. The Village hereby establishes and will maintain reservations of Fund Balance, as defined herein, in accordance with Governmental Accounting and Financial standards Board Statement No. 54 Fund Balance Reporting and Government Fund Type Definitions. This Policy shall only apply to the Village's General Fund.

#### **14. Line of Credit**

Resolution # 730 authorized a revolving line of credit of \$ 1 Million to provide working capital for a two year period beginning August 26, 2014 and terminating December 23, 2016.

Resolution # 762 adopted September 20, 2016 extended the previous Revolving Line of Credit for three (3) additional years and increased the amount available to draw under both to not to exceed \$ 2,000,000 until September 20, 2019.

#### **15. Island-Wide Video Surveillance System**

The Police Chief and Village Manager met with the representatives of Iron Sky, Inc. to upgrade the safety and security of the Village at the suggestion of the Mayor. After several meetings with representatives of Iron Sky, Inc. and field demonstrations, a proposal dated December 12, 2012 was submitted to the Village which provides for an Automated License Plate Recognition System (ALPR). This system was installed and operational September 6, 2013 at a cost of approximately \$ 63,000. A second plan dated December 18, 2012





## **INDIAN CREEK VILLAGE, FLORIDA**

provided wireless camera video surveillance system for the perimeter of the island and the license plate recognition system. A third report and plans dated January 15, 2013 recommended two (2) security subsystems to enhance island-wide security. These two (2) systems include: (1) Perimeter Security Cameras and Intrusion Detector System around the island, and (2) Interim Security Cameras on Indian Creek Island Road. The Council is investigating the Perimeter System. The perimeter system would establish a virtual fence around the island.

### **Perimeter System**

The Perimeter System when installed will use sophisticated surveillance cameras and software to constantly monitor the water and notify Police officers whenever vessels or individuals approach the island. Forty-Five (45) thermal and Megapixel color cameras will be installed around the island to create the virtual perimeter. The cameras have the ability to see in complete darkness and can detect threats up to a mile away. When the software detects a boat, kayak, etc. approaching the island an alert is sent to Dispatch to identify the nature of the intrusion and notify Police for the appropriate response.

### **16. The Rubin Group**

At the February 21, 2012 Council Meeting, the Council passed a motion to retain the services of THE RUBIN GROUP to assist the Village to obtain grants from various governments. The contract was executed March 5<sup>th</sup>.

Each year thereafter the contract was renewed as follows:

<b><u>FY</u></b>	<b><u>Resolution</u></b>	<b><u>Approval Date</u></b>	<b><u>Monthly</u></b>
2012	Motion	February 21, 2012	\$ 4,166.66
2013	709	February 19, 2013	\$ 2,083.66
2014	724	March 18, 2014	\$ 2,000.00
2015	743	March 31, 2015	\$ 2,000.00
2016	753	May 17, 2016	\$ 2,000.00
2017	753	May 17, 2017	\$ 2,000.00
2018	753	May 17, 2018	\$ 2,000.00

### **17. Mosquito Control**

During the month of August the Village contacted a contractor to treat all 47 catch basins with the Summit. Dunks to alleviate the spread of the Mosquito West Nile virus. A portion of our Stormwater System is flushed by tidal action. The County reported a trap is in the immediate vicinity and monitored weekly. The count is below any action threshold.

On October 7, 2016 a County representative treated all stormwater catch basins, inspected each lot and portions of the Country Club.

### **18. Animal Control**

At the direction of the Village Council at the September 15, 2015 Council meeting the Manager was requested to search and obtain quotes to trap and remove the animals. After



## **INDIAN CREEK VILLAGE, FLORIDA**

contacts of animal companies, Critter Control of Miami was selected. The company started September 24, 2015. During the first six months 89 racoons and opossums were trapped and relocated as of August 1<sup>st</sup>.

### **19. Bridge Optimized Rehabilitation Project**

Facing the financial burden of increasing maintenance costs, the need to decrease speed and weight limits due to structural deficiencies and recognizing the age and condition of the Indian Creek Village Bridge, the Village Council directed that the bridge be evaluated for safety and longevity. The Village Council commissioned New Millennium Design Consultants, Inc. (NHDC) to determine if the Bridge could be repaired or did it have to be replaced. The analysis performed by the Consultant identified deficiencies, the cause of those deficiencies, and recommended remedial and corrective actions.

NMDC's Report on the condition of the Bridge (Memorandum # 11 – June 1, 2016) identified a number of issues that justified the rehabilitation of the bridge. The bridge was on an annual inspection schedule rather than every two years due to its low sufficiency rating, which was attributable to its load rating of 16 tons and maximum speed limit of 15 MPH. The sufficiency rating for the bridge has been declining over time and is currently rated at 42.9% (2015). A sufficiency rating of less than 50% indicates that the Bridge has reached its life expectancy and is in need of repair or replacement.

The load rating of the bridge (16 tons) and its condition does not allow all of Florida's and AASHTO's legal loads to cross it; thereby requiring slower travel speeds and multiple crossings with less loads. Another factor leading to the conclusion of replacing or repairing the bridge is directly related to the corrosive environment the bridge is in. The Bridge has active corrosion due to its chloride content, which will allow concrete spalling and further deterioration. Again, it is imperative to address and arrest concrete spalling or further load rating reductions and speed limit reductions will be required.

The Village Council was presented with two options: full replacement or major rehabilitation. Replacement was quickly removed from consideration due to the cost and potential loss of a historical legacy of the Island's beginnings. The first step in implementing the major rehabilitation project required the consulting engineers to evaluate each element of the bridge (superstructure, substructure, and foundation) to identify any potential deficiencies, the cause of those deficiencies, and recommend remedial and corrective actions. It was determined that it would be too risky to strengthen the foundations system due to the potential negative impacts that work would have on the structural integrity of the entire bridge.

Along with strengthening the foundation system, the Florida Department of Transportation (FDOT) notified the Village that it would be necessary to design scour countermeasures to reduce the impacts of scour on the foundation system. FDOT's reasoning for the scour countermeasures was directly attributable to the fact that the Bridge foundation system was unknown at the time. In response, the Village acquired the services of a consultant that used parallel seismology technology that allowed us to determine that at this time there is no need to design and construct the scour countermeasures as suggested by FDOT.



## **INDIAN CREEK VILLAGE, FLORIDA**

The Council then directed that construction plans be developed to perform an Optimized Rehabilitation of the bridge so that weight limits on the bridge could be increased and that the useful life of the bridge be extended, without addressing the foundations. While the primary goal of the Project was to repair the bridge in order to increase the load rating (allowing heavier vehicles to cross) and extend its useful life, the Village Council also sought to maintain the historical and aesthetic elements of the bridge. The Optimized Rehabilitation Project encompassed a broad array of structural repairs, as well as some minor roadway improvements. One of the primary objectives of the Project objectives of the Project was to strengthen the superstructure and substructure of the bridge by applying a Carbon Fiber Reinforced Polymer structural overlay on the beams, thus increasing the Bridge load capacity and extending its useful life. In addition, there were numerous concrete cracks, spalls, and delamination that had to be repaired. Those repairs required a contractor to inject epoxy materials into the more pronounced cracks and apply epoxy mortar to the others.

Along with concrete repairs and strengthening, this Project added a raised sidewalk on the south side of the bridge and enclosed it with architectural brick pavers so that it ties in with the aesthetics of the roadway. The sidewalk had a secondary purpose; it allowed the AT&T and Atlantic Broadband utilities to be placed in conduits that are under the sidewalk so that they can't be seen as they traverse the waterway. We further extended the sidewalk from the bridge on the island side to Indian Creek Island Road in an effort to provide a "connection" for future sidewalk projects. The metal housing that contains the lighting on top of the concrete pylons have been restored, thereby maintaining the aesthetics of the bridge railing system. New navigational lights have also been placed at the appropriate points on the Bridge. The electrical conduit that dangled from the side of the bridge and brought power to the bridge lighting has been relocated to a more secure and concealed location. There were two abandoned utility conduits and metal brackets attached to the underside of the bridge and they were removed and the concrete repaired.

Along with the improvements to the bridge itself, we also resurfaced the roadway and bridge deck. The new asphalt has been "stamped" to replicate the look of brick pavers and provide a visual continuity of design for the Island's entryway. The brick paver effect starts at the circle and flows across the bridge and onto the island. The final two elements of the Project were to provide up-lighting for the circle and clean and paint the bridge.

In closing, our historical era-1930 bridge was constructed and designed with distinctive arches that run parallel and perpendicular to the bridge. When those distinctive architectural features are combined with the unique "stepped" concrete railing system and the lighting system mounted on pylons, there is no doubt that our Bridge is one of the most unique and historical bridges in all of South Florida. This Project has ensured that the bridge will be functional for some time to come and continues to stand-out as a unique historical structure that our residents can be proud of.





## **INDIAN CREEK VILLAGE, FLORIDA**

### **20. Litigation**

On April 20, 2010 the Village Council adopted a resolution levying and imposing a special assessment in specific amounts against all properties within Indian Creek Island. The special assessment was imposed to pay for the cost of security services provided by the Village during FY 2012. The Indian Creek Country Club filed suit seeking a declaration voiding the Special Assessment. Final judgement was issued in January 2014 finding that the Village has the authority to impose special assessments yet failed to establish benefit. The Country Club has appealed this decision but in February 2017, the appellate court affirmed the lower court decision. Although the Country Club was not initially seeking damages, they have filed a post-trial motion seeking to recover approximately \$ 177,754 in taxable costs. The issue was resolved by settlement and payment to the Country Club of \$ 105,111 during October, 2017.

### **21. ORDINANCE #220: COMPLETE STREET DESIGN GUIDELINES**

In April 2010, the Village Council adopted Ordinance No. 198 (the "2010 Ordinance"), which established criteria for the redevelopment of the Roadways. The 2010 Ordinance compelled the redevelopment of the Roadways by the Club within a specific timeframe. The Club objected to the 2010 Ordinance and filed a lawsuit in Miami-Dade County Circuit Court challenging its validity. Among other things, the Club alleged that the 2010 Ordinance was solely for the benefit of the residents and, therefore, was not the Club's obligation. The Club referred to the improvements as the "Grand Boulevard". That lawsuit is still pending, and, therefore, there are no effective standards governing the redevelopment, use and maintenance of the Roadways.

On June 6, 2017, the Board of County Commissioners adopted a resolution establishing County policy that Miami-Dade County's streets should be designed in accordance with the Complete Street Design Guidelines.

The adoption and implementation of the Complete Street Design Guidelines – as recommended by Neat Streets Miami on February 21, 2017 – will empower engineers and planners to design, construct and operate roads in a way that balances all modes of transportation within a context-sensitive approach that takes street typology and land use types into consideration when planning street enhancements.

Due to the condition of the Roadways, it is anticipated that they will be redeveloped with the foreseeable future and it is the intent of Ordinance 2018 to have basic criteria and uniform standards in place for the work. It is also intended that this 2018 Ordinance, upon adoption, shall replace the 2010 Ordinance, in its entirety, thus ending the litigation.

The 2018 Ordinance is based upon the recommended design criteria contained with the recently enacted Complete Streets Design Guidelines (the "Guidelines") adopted by Miami-Dade County for the unincorporated areas as well as all 34 municipalities. These guidelines are uniform standards for the various roadway typologies throughout the County. The typology that is most applicable to the Village is the Residential Street (RS).



## **INDIAN CREEK VILLAGE, FLORIDA**

### **22. CONCLUSION**

In closing, I would like to thank the staff for their direction and effort, not only in the preparation of this budget, but in their commitment to providing quality services that meet the needs of the residents of our community in a cost effective and efficient manner. The budget reflects a philosophy of fiscal responsibility yet provides adequate and equitable funding for all funds.

I recommend this 2018 Fiscal Year Annual Operating Budget. Thank you.

#### Budget Adoption:

- |      |   |                    |
|------|---|--------------------|
| I.   | Resolution # 769 Proposed Mill Rate       | September 26, 2017 |
| II.  | Resolution # 769 Adopted Mill Rate        | September 26, 2017 |
| III. | Ordinance # 219 FY 2018 Annual Budget     |                    |
|      | A. First Reading                          | September 13, 2017 |
|      | B. Second Reading                         | September 26, 2017 |
| IV.  | State Trim Millage Certification Approval | October 19, 2017   |
|      | State Maximum Millage Levy Approval       | October 19, 2017   |

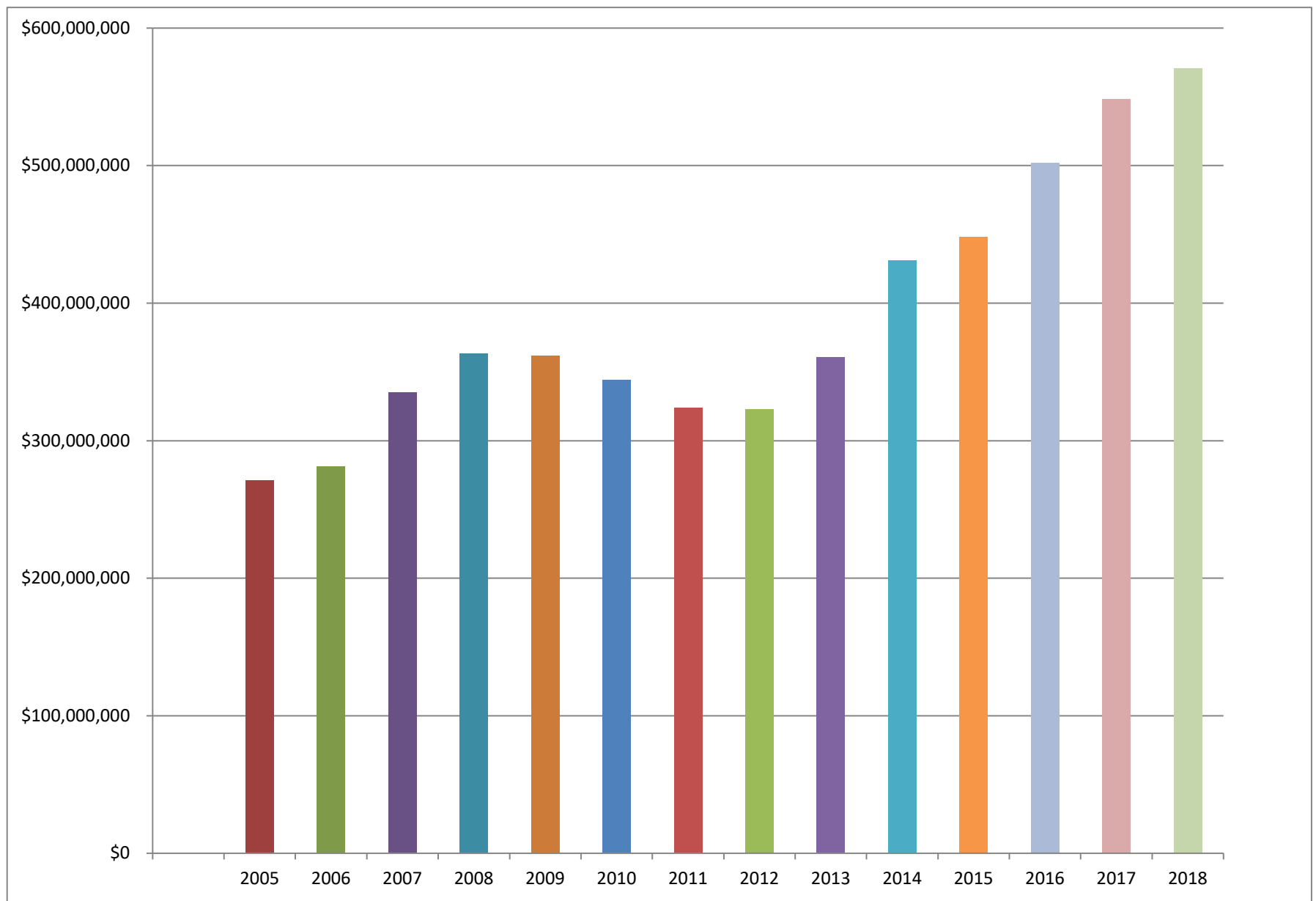
Respectfully submitted,

C. Samuel Kissinger  
Village Manager

# FINANCE

### Assessed Value of Taxable Property

Fiscal Year	Real Property	Personal Property	Total	Difference	Fiscal Year	Change	Mill Rate
2004/05	269,874,445	1,107,199	270,981,644		2005		10.0000
2005/06	279,851,867	1,148,133	281,000,000	10,018,356	2006	3.7%	9.7500
2006/07	333,631,230	1,368,770	335,000,000	54,000,000	2007	19.2%	8.2500
2007/08	361,028,976	2,266,368	363,295,344	28,295,344	2008	8.4%	6.5000
2008/09	359,557,867	2,229,624	361,787,491	-1,507,853	2009	-0.4%	6.5000
2009/10	342,079,619	2,112,342	344,191,961	-17,595,530	2010	-4.9%	6.5000
2010/11	322,054,646	1,988,687	324,043,333	-20,148,628	2011	-5.9%	1.8038
2011/12	320,956,634	1,661,491	322,618,125	-1,425,208	2012	-0.4%	2.7200
2012/13	358,909,995	1,726,051	360,636,046	38,017,921	2013	11.8%	7.9518
2013/14	429,304,718	1,773,959	431,078,677	70,442,631	2014	19.5%	6.9500
2014/15	445,587,720	2,604,059	448,191,779	17,113,102	2015	4.0%	7.6736
2015/16	499,403,917	2,670,434	502,074,351	53,882,572	2016	12.0%	7.5000
2016/17	545,631,449	2,355,628	547,987,077	45,912,726	2017	10.2%	6.9500
2017/18	567,609,072	2,772,345	570,381,417	22,394,340	2018	4.5%	6.6092
Overall Average	388,248,725	1,984,649	390,233,375	21,385,698			
Last 10 Year Average	419,109,564	2,189,462	421,299,026	20,708,607		5.3%	



Source: Miami-Dade County, Florida, Property Appraiser

Note: (1) Florida Law requires all property to be assessed at current fair market value.



## 2018 Estimated Property Taxes

Fiscal Year 2018

For an Indian Creek Property having a net taxable value averaging \$1,000,000, the 2018 property tax bill including Indian Creek Taxes will resemble the following: \$22,224.30

<u>Jurisdiction</u>	<u>Mill Rates - 2018</u>	<u>Percent</u>	<u>Amount Paid</u>	<u>Village-Wide</u>
Miami-Dade County Public Schools	6.9940	31.47%	\$3,989,248	\$3,989,248
Miami-Dade County-wide Services *	8.2791	37.25%	\$4,722,245	\$4,722,245
South Florida Water Management District	0.1275	0.57%	\$72,724	\$72,724
Okechobee Basin	0.1384	0.62%	\$78,941	\$78,941
Everglades Project	0.0441	0.20%	\$25,154	\$25,154
Florida Inland Navigation District	0.0320	0.14%	\$18,252	\$18,252
<b>SUB-TOTAL</b>	<b>15.6151</b>	<b>70.26%</b>	<b>\$8,906,563</b>	<b>\$8,906,563</b>
<b>Indian Creek Village</b>	<b>6.6092</b>	<b>29.74%</b>	<b>\$3,769,765</b>	<b>\$3,769,765</b>
<b>TOTAL</b>	<b>22.2243</b>	<b>100.00%</b>	<b>\$12,676,328</b>	<b>\$12,676,328</b>

\*Includes Children's Trust of 0.4673, County Debt of 0.4000, Fire Rescue of 2.4282, and Library of 0.2840 = 3.5795 mills

Property taxes that go over the bridge (which the Village of Indian Creek has no control over) total 8,906,563 or 70.26%. County wide services include corrections rehabilitation, judicial administration, Transit Agency, Public Health Trust, Air Rescue, Human and Social Services. Miami-Dade County is the regional government for all county residents.

Real Estate Taxes that Stay on the Island to be used by the Village: \$3,769,765 or 29.74%

Fire-Rescue Department: \$570,381,417 X 2.4282 = \$ 1,385,000

Fire Debt	2016	2017	2018
Operations & Maintenance	2.4207	2.4207	2.4207
Debt Service	0.0086	0.0075	0.0075
	2.4293	2.4282	2.4282

## **ORDINANCE NO. 219**

### **AN ORDINANCE OF THE INDIAN CREEK VILLAGE, FLORIDA; ADOPTING THE BUDGET FOR THE FISCAL YEAR COMMENCING OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018 PURSUANT TO FLORIDA STATUTE 200.065 (TRIM BILL); PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, the Village Manager presented to the Village Council a “Tentative General Fund Operating Budget” for the fiscal year commencing October 1, 2017 and the Village Council scheduled the public hearing required by Section 200.065(2)(c) of the Florida Statutes to be held on September 13, 2017 at 5:30 p.m.; and

**WHEREAS**, the Property Appraiser properly noticed the public hearing scheduled for September 13, 2017 at 5:30 p.m. in the Council Chamber located at 9080 Bay Drive, Indian Creek Village, Florida, as required by Chapter 200 of the Florida Statutes; and

**WHEREAS**, said public hearing, as required by Section 200.065 (2)(c), was held by the Village Council on September 13, 2017, commencing at 5:30 p.m. as previously noticed and all interested parties have had an opportunity to amend the tentative budget as it deemed appropriate and having considered the comments of the public regarding the tentative budget and having complied with the “TRIM” requirements of the Florida Statutes; and

**WHEREAS**, pursuant to Section 200.065(2)(d) of the Florida Statutes, a final public hearing to adopt the budget for the fiscal year commencing on October 1, 2017, through September 30, 2018, was held, as advertised, on Tuesday, September 26, 2017 at 5:30 p.m., in the Council Chamber, located at 9080 Bay Drive, Indian Creek Village, Florida and the Council considered comments from the public.

**NOW THEREFORE, BE IT ORDAINED BY THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA:**

**Section 1.** Upon prior adoption of the final millage rate, which is hereby ratified, the attached budget of Indian Creek Village for the fiscal year commencing October 1, 2017 is hereby approved and adopted.

**Section 2.** This ordinance shall be effective upon adoption on second reading and shall be applicable from and after October 1, 2017.

PASSED AND ADOPTED on the first reading this 13<sup>th</sup> day of September, 2017.

PASSED AND ADOPTED on the second reading this 26<sup>th</sup> day of September, 2017.

  
\_\_\_\_\_  
BERNARD KLEPACH, MAYOR

ATTEST:

  
\_\_\_\_\_  
MARILANE LIMA, VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
\_\_\_\_\_  
VILLAGE ATTORNEY

**RESOLUTION NO. 769**

**A RESOLUTION OF THE VILLAGE OF INDIAN CREEK,  
FLORIDA; ADOPTING THE FINAL MILLAGE RATE OF  
THE VILLAGE FOR THE FISCAL YEAR COMMENCING  
OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018  
PURSUANT TO FLORIDA STATUTE 200.265 (TRIM  
BILL); PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, pursuant to Section 200.065 of the Florida Statutes, the Miami-Dade County Property Appraiser has made tax assessments for all real property with the jurisdiction of Indian Creek Village; and

**WHEREAS**, on August 1, 2017, the Village advised the Miami-Dade County Property Appraiser of the "Proposed Millage Rate" for the fiscal year commencing October 1, 2017 and the date, time and place of the public hearing pursuant Section 200.065 (b); and

**WHEREAS**, the public hearing as required by Section 200.065(2)(c) and (d), were held by the Village Council on September 13, 2017 commencing at 5:30 p.m., as previously noticed and all interested parties having had the opportunity to address their comments to the Village Council and the Village Council have considered the comments of the public regarding the final millage rate and having complied with the "TRIM" requirements of the Florida Statutes.

**NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA AS FOLLOWS:**

**Section 1.** That the final millage rate for Indian Creek Village for the fiscal year commencing October 1, 2017 through September 30, 2018 be and is hereby fixed at the rate of 6.6092 mills which is \$6.6092 dollars per thousand dollars of assessed property value within Indian Creek Village.

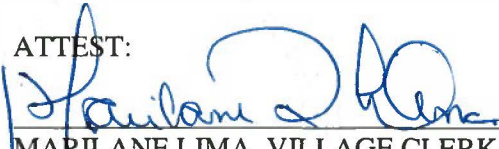
**Section 2.** That the rolled-back rate is 0 mills and the final millage rate is 6.6092 mills which is 0 % of the rolled-back rate.

**Section 3.** That this resolution shall be effective immediately upon its adoption by the Village Council.

PASSED AND ADOPTED this 26<sup>th</sup> day of September, 2017.

  
BERNARD KLEPACH, MAYOR

ATTEST:

  
MARILANE LIMA, VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
VILLAGE ATTORNEY



## BUDGET SUMMARY

### Indian Creek Village - Fiscal Year 2018

**\*THE PROPOSED OPERATING BUDGET EXPENDITURES OF INDIAN CREEK VILLAGE ARE 1.5% LESS THAN LAST YEAR'S TOTAL OPERATING EXPENDITURES.**

General Fund		6.6092 Mills	Assessed Valuation \$ 570,381,417		
ESTIMATED REVENUES		GENERAL FUND	SPECIAL REVENUE	ENTERPRISE FUNDS	TOTAL ALL FUNDS
Taxes:	Millage per \$1000				
Ad Valorem Taxes	6.6092 Mills	3,581,277	0	0	3,581,277
Franchise Fees		48,000	0	0	48,000
State Shared Revenue		17,845	0	0	17,845
Charges for Services		3,500	0	583,000	586,500
Licenses & Permits		50,000	0	0	50,000
Other Revenue		5,000	1,500	36,000	42,500
<b>TOTAL SOURCES</b>		<b>3,705,622</b>	<b>1,500</b>	<b>619,000</b>	<b>4,326,122</b>
Transfers In		85,000	0	0	85,000
Fund Balance/Reserves/Net Assets		0	135,000	0	135,000
<b>TOTAL REVENUES, TRANSFER &amp; BALANCES</b>		<b>\$3,790,622</b>	<b>\$136,500</b>	<b>\$619,000</b>	<b>\$4,546,122</b>
<b>EXPENDITURES</b>					
General Government		1,098,885	0	0	\$1,098,885
Public Safety		2,691,737	136,500	0	\$2,828,237
Utility Operations		0	0	500,700	\$500,700
<b>TOTAL EXPENDITURES</b>		<b>\$3,790,622</b>	<b>\$136,500</b>	<b>\$500,700</b>	<b>\$4,427,822</b>
Transfers Out		0	0	85,000	85,000
Fund Balance/Reserves/Net Assets		0	0	33,300	33,300
<b>TOTAL APPROPRIATED EXPENDITURES</b>		<b>\$3,790,622</b>	<b>\$136,500</b>	<b>\$619,000</b>	<b>\$4,546,122</b>
<b>TRANSFERS, RESERVES &amp; BALANCES</b>					
The tentative, adopted, and/or final budgets are on file in the office of the above referenced taxing authority as a public record.					

\*Must show at least 95% Ad Valorem Proceeds for each millage\*

# Indian Creek Village

## Assessed Property Values

Folio	Property Address	Assessed Property Values									Prior Year
		FY2008/09	FY2009/10	FY2010/11	FY2011/12	FY2012/13	FY2013/14	FY2014/15	FY2015/16	FY2016/17	variance
21-2234-002-0010	1 INDIAN CREEK DR	5,525,190	5,690,945	5,696,635	5,850,444	5,938,200	6,220,323	6,263,627	6,314,136	6,358,684	1%
21-2234-002-0020	2 INDIAN CREEK DR	9,200,000	8,280,000	8,000,000	7,200,000	7,200,000	12,000,000	12,000,000	13,200,000	20,000,000	52%
21-2234-002-0025	3 INDIAN CREEK DR	9,200,000	8,280,000	8,000,000	7,200,000	7,200,000	37,558,432	37,300,852	41,000,000	44,833,310	9%
21-2234-002-0030	4 INDIAN CREEK DR	9,200,000	8,280,000	8,000,000	7,200,000	7,200,000	12,000,000	12,000,000	18,400,000	20,000,000	9%
21-2234-002-0040	5 INDIAN CREEK DR	10,968,107	8,280,000	8,000,000	7,312,154	7,310,964	8,857,266	9,742,992	10,717,291	11,789,020	10%
21-2234-002-0050	5 INDIAN CREEK ISL	9,200,000	8,280,000	8,000,000	7,200,000	7,200,000	8,750,016	9,625,017	10,587,518	11,646,269	10%
21-2234-002-0060	7 INDIAN CREEK DR	7,417,913	7,640,450	7,648,090	7,733,915	7,733,271	12,000,000	12,000,000	13,200,000	14,520,000	10%
21-2234-002-0070	8 INDIAN CREEK DR	11,085,375	11,417,936	11,429,353	11,737,945	11,892,226	28,057,224	28,478,436	18,065,720	18,192,180	1%
21-2234-002-0080	9 INDIAN CREEK DR	13,800,000	12,420,000	12,000,000	10,800,000	10,800,000	0	0	10,651,849	20,021,750	88%
21-2234-002-0091	11 INDIAN CREEK DR	4,600,000	4,140,000	4,000,000	3,600,000	3,600,000	3,509,000	3,859,900	4,245,890	4,670,479	10%
21-2234-002-0100	11 INDIAN CREEK DR	11,052,603	10,132,603	9,839,823	8,940,531	8,930,932	10,476,865	11,524,551	12,677,006	13,944,706	10%
21-2234-002-0110	12 INDIAN CREEK DR	15,500,508	14,580,508	13,556,475	12,710,732	12,683,119	15,346,573	16,881,230	22,827,331	24,428,076	7%
21-2234-002-0120	14 INDIAN CREEK DR	15,673,668	16,143,878	16,160,021	16,596,341	16,584,013	30,420,748	30,280,012	33,308,013	36,638,814	10%
21-2234-002-0130	15 INDIAN CREEK DR	9,141,695	8,227,526	7,949,300	13,487,818	13,487,818	14,111,927	14,323,605	14,438,193	14,539,260	1%
21-2234-002-0140	golf course - vacant land	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	0%
21-2234-002-0150	16 INDIAN CREEK DR	4,067,292	4,189,310	4,193,499	4,306,723	4,371,323	4,579,003	4,597,688	4,634,869	4,667,663	1%
21-2234-002-0160	17 INDIAN CREEK DR	15,729,292	14,809,292	13,696,928	12,868,534	13,631,587	15,972,000	17,500,230	19,250,253	25,115,790	30%
21-2234-002-0170	18 INDIAN CREEK DR	7,035,000	7,246,050	7,246,861	7,442,526	7,554,163	12,064,708	12,062,374	14,915,691	16,407,260	10%
21-2234-002-0180	19 INDIAN CREEK DR	7,706,975	7,938,184	7,946,122	8,160,667	7,451,180	14,902,357	14,863,694	16,350,063	17,985,069	10%
21-2234-002-0190	20 INDIAN CREEK DR	11,511,373	11,139,849	10,557,034	9,713,245	9,691,453	11,726,657	12,637,359	13,901,094	15,291,203	10%
21-2234-002-0200	21 INDIAN CREEK DR	7,263,095	6,863,095	6,303,095	5,662,799	5,662,799	6,851,985	7,537,183	8,290,901	9,119,991	10%
21-2234-002-0210	22 INDIAN CREEK DR	8,385,759	7,985,759	7,419,008	7,266,983	7,257,390	8,862,849	9,749,133	10,724,046	11,796,450	10%
21-2234-002-0220	23 INDIAN CREEK DR	3,677,857	9,190,659	8,617,536	7,850,794	7,839,111	8,211,546	8,334,719	8,401,396	8,460,205	1%
21-2234-002-0230	24 INDIAN CREEK DR	10,224,763	9,824,763	9,248,530	8,460,972	8,445,846	10,262,313	11,288,544	12,417,398	13,659,137	10%
21-2234-002-0240	25 INDIAN CREEK DR	16,026,201	15,520,817	13,917,767	13,269,907	13,269,907	12,697,977	12,888,446	12,991,553	13,082,493	1%
21-2234-002-0250	26 INDIAN CREEK DR	2,431,869	7,772,846	7,206,754	6,512,781	6,507,623	7,874,223	8,661,645	9,491,919	10,441,110	10%
21-2234-002-0260	27 INDIAN CREEK DR	16,581,233	16,140,288	14,493,188	13,835,558	13,835,558	14,492,884	14,710,277	14,827,959	14,931,754	1%
21-2234-002-0270	28 INDIAN CREEK DR	11,506,345	11,851,535	10,669,480	8,803,708	8,781,712	9,198,930	9,336,913	9,411,608	9,477,489	1%
21-2234-002-0280	29 INDIAN CREEK DR	6,498,829	6,258,853	4,884,669	3,622,428	3,619,005	3,790,943	3,847,807	3,878,589	3,905,739	1%
21-2234-002-0290	30 INDIAN CREEK DR	1,729,212	1,781,088	1,782,869	1,831,006	1,858,471	6,908,851	6,890,893	11,470,280	12,271,303	7%
21-2234-002-0300	30 INDIAN CREEK DR	6,157,254	5,917,152	5,502,720	4,209,907	4,330,927	5,240,420	5,764,462	6,340,908	6,974,998	10%
21-2234-002-0310	31 INDIAN CREEK DR	17,407,950	15,514,549	14,299,075	12,220,130	12,203,551	13,798,296	15,178,125	16,695,937	18,365,530	10%
21-2234-002-0330	33 INDIAN CREEK DR	14,683,468	14,006,756	12,742,454	10,895,934	15,302,589	15,174,361	15,401,976	15,525,191	15,633,867	1%
21-2234-002-0340	34 INDIAN CREEK DR	2,304,355	2,373,485	2,375,858	4,811,900	0	0	0	0	0	0%
21-2234-002-0350	35 INDIAN CREEK DR	9,293,370	8,933,370	8,322,324	6,382,807	6,372,531	7,710,762	8,481,838	9,330,021	10,263,023	10%
21-2234-002-0360	36 INDIAN CREEK DR	6,863,346	6,616,548	6,195,307	4,842,886	4,846,902	5,864,751	6,451,226	7,096,348	7,805,982	10%
21-2234-002-0370	37 INDIAN CREEK DR	4,984,225	5,133,751	5,138,884	4,361,966	4,354,465	4,561,344	4,629,764	4,666,802	4,699,469	1%
21-2234-002-0380	38 INDIAN CREEK DR	6,830,974	6,589,342	6,176,242	4,930,859	5,058,750	6,121,087	6,733,195	7,406,514	8,147,165	10%
21-2234-002-0390	39 INDIAN CREEK DR	8,240,710	7,999,078	7,579,293	6,327,413	6,310,541	6,408,481	6,504,608	6,556,644	6,602,540	1%
21-2234-002-0400	golf course - vacant land	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	0%
21-2234-002-0401	40 INDIAN CREEK DR	6,803,391	6,561,579	6,138,229	4,891,875	4,881,601	5,500,664	5,583,173	5,627,838	5,667,232	1%
21-2234-002-0410	41 INDIAN CREEK DR	3,882,472	3,998,946	4,002,944	4,111,023	4,172,688	4,370,931	4,436,494	4,471,985	4,503,288	1%
21-2234-002-0420	50 INDIAN CREEK DR	18,850	18,850	18,850	18,850	18,850	17,908	17,908	17,908	17,908	0%
21-2234-002-0430	55 INDIAN CREEK DR	5,605,168	5,605,168	5,605,168	5,605,168	5,605,168	6,408,620	7,115,716	7,827,287	8,610,015	10%
21-2235-002-0030	9080 BAY DR	1,213,744	1,213,744	1,209,267	1,201,306	1,197,055	1,201,604	1,321,764	1,435,894	1,489,150	4%
21-2235-002-0040	50 INDIAN CREEK DR	19,647	19,647	19,187	18,582	18,357	15,963	16,014	16,321	17,702	8%
21-2235-002-0050	country club - vacant land	459,900	459,900	459,900	459,900	459,900	459,900	517,090	568,799	593,004	4%
<b>Totals</b>		<b>367,109,978</b>	<b>361,669,099</b>	<b>342,649,739</b>	<b>322,870,017</b>	<b>323,072,546</b>	<b>430,961,692</b>	<b>447,741,480</b>	<b>494,575,963</b>	<b>547,987,077</b>	<b>11%</b>

**Proposed Budget - Fiscal Year 2018**  
**General Fund - Summary**

General Ledger Code/Description	FY2016 Actuals	Actuals 06/30/17	FY2017 Adopted	FY2018 Proposed	variance
AD-VALOREM TAXES	\$3,618,298	\$3,636,515	\$3,618,085	\$3,581,277	-1.0%
LOCAL OPTION GAS TAXES	\$6,517	\$4,207	\$7,200	\$6,870	-4.6%
COMMUNICATIONS SERVICES TAX	\$899	\$794	\$950	\$1,230	29.5%
BUILDING PERMITS	\$50,641	\$707,523	\$50,000	\$50,000	0.0%
FRANCHISE FEES	\$46,818	\$31,626	\$51,000	\$48,000	-5.9%
STATE REVENUE SHARING	\$9,768	\$6,067	\$9,775	\$9,745	-0.3%
CHARGES FOR SERVICES	\$2,080	\$3,994	\$2,000	\$3,000	50.0%
FINES & FORFEITURES	\$422,450	\$486	\$800	\$500	-37.5%
OTHER REVENUE	\$21,486	\$9,334	\$18,000	\$5,000	-72.2%
OPERATING TRANSFERS - IN	\$85,000	\$0	\$85,000	\$85,000	0.0%
<b>Total Revenues</b>	<b>\$4,263,958</b>	<b>\$4,400,546</b>	<b>\$3,842,810</b>	<b>\$3,790,622</b>	<b>-1.4%</b>
GENERAL GOVERNMENT	\$1,164,860	\$2,069,468	\$1,244,974	\$1,098,885	-11.7%
PUBLIC SAFETY	\$2,872,825	\$1,859,276	\$2,597,836	\$2,691,737	3.6%
<b>Total Expenditures</b>	<b>\$4,037,685</b>	<b>\$3,928,744</b>	<b>\$3,842,810</b>	<b>\$3,790,622</b>	<b>-1.4%</b>
<b>Excess Revenue/Expenditures</b>	<b>\$226,273</b>	<b>\$471,801</b>	<b>\$0</b>	<b>\$0</b>	

Totals by Function:

Personnel	\$2,183,448	\$1,625,333	\$2,204,922	\$2,275,450
Operations & Maintenance	\$999,537	\$924,965	\$1,435,357	\$1,286,672
Capital	\$854,700	\$1,378,446	\$0	\$0
Contingency	\$0	\$0	\$202,531	\$228,500
	<b>\$4,037,685</b>	<b>\$3,928,744</b>	<b>\$3,842,810</b>	<b>\$3,790,622</b>

**Indian Creek Village**  
**Adopted Budget - Fiscal Year 2018**  
**Combined General Fund Expenses**  
**(General Government & Public Safety)**

<b>Expense Name/Description</b>	<b>FY2017 Adopted</b>	<b>FY2018 Adopted</b>
VILLAGE COUNCIL - GENERAL and POLICE	\$8,000	\$8,000
ADMINISTRATIVE STAFF	\$202,495	\$208,559
PUBLIC SAFETY STAFF	\$995,000	\$1,022,900
INSPECTORS	\$51,796	\$52,514
OVERTIME PAY	\$140,000	\$143,000
OTHER PAYS	\$296,157	\$316,018
PAYROLL TAXES	\$126,656	\$133,828
RETIREMENT CONTRIBUTIONS	\$141,369	\$146,438
LIFE/HEALTH/DISABILITY INSURANCE	\$226,101	\$229,116
WORKERS COMPENSATION	\$25,350	\$24,500
PROFESSIONAL SERVICES	\$784,987	\$829,350
ACCOUNTING & AUDITING	\$44,600	\$37,750
CONTRACTUAL SERVICES	\$71,250	\$59,900
COMMUNICATIONS & POSTAGE	\$31,300	\$27,700
UTILITIES	\$12,650	\$12,000
RENTALS & LEASES	\$17,350	\$15,750
PROPERTY & LIABILITY INSURANCE	\$66,100	\$65,800
REPAIRS & MAINTENANCE	\$70,000	\$93,500
PRINTING & ADVERTISING	\$3,750	\$4,000
OTHER CURRENT CHARGES	\$5,750	\$11,200
OFFICE SUPPLIES	\$4,000	\$3,500
OPERATING SUPPLIES	\$94,000	\$85,000
DUES, SUBSCRIPTIONS & TRAINING	\$11,500	\$31,800
DEBT SERVICE	\$210,120	\$0
CONTINGENCIES	\$202,531	\$228,500
<b>Total Combined General Fund Expenses</b>	<b>\$3,842,810</b>	<b>\$3,790,622</b>

Totals by Function:

Personnel	\$2,204,922	\$2,276,872
Operations & Maintenance	\$1,435,357	\$1,285,250
Contingency	\$202,531	\$228,500
	<b>\$3,842,810</b>	<b>\$3,790,622</b>



**Indian Creek Village**  
**Proposed Budget - Fiscal Year 2018**  
**General Fund Revenues**

Revenue Name/Source	FY2016 Actual	06/30/2017 YTD	FY2017 Adopted	FY2018 Proposed	variance
* AD VALOREM TAXES	\$3,618,298	\$3,636,515	\$3,618,085	\$3,581,277	-1.02%
LOCAL OPTION GAS TAXES	\$6,116	\$4,207	\$6,200	\$6,370	2.74%
MOTOR FUEL REBATE	\$400	\$0	\$1,000	\$500	-50.00%
COMMUNICATIONS SERVICES TAX	\$899	\$794	\$950	\$1,230	29.47%
BUILDING PERMITS	\$50,641	\$707,523	\$50,000	\$50,000	0.00%
ELECTRIC FRANCHISE FEES	\$46,818	\$31,626	\$51,000	\$48,000	-5.88%
SPECIAL ASSESSMENT	\$0	\$0	\$0	\$0	0.00%
ALCOHOLIC BEVERAGE TAX	\$766	\$576	\$500	\$750	50.00%
STATE REVENUE SHARING	\$2,108	\$1,351	\$2,100	\$2,020	-3.81%
HALF CENT SALES TAX	\$6,847	\$3,867	\$7,100	\$6,575	-7.39%
MOBILE HOME LICENSE TAX	\$47	\$273	\$75	\$400	433.33%
LAW ENFORCEMENT SERVICES	\$2,080	\$3,994	\$2,000	\$3,000	50.00%
COURT FINES	\$821	\$486	\$800	\$500	-37.50%
FINES & FORFEITURES	\$421,629	\$0	\$0	\$0	0.00%
INTEREST INCOME	\$8,080	\$4,711	\$8,000	\$5,000	-37.50%
MISCELLANEOUS INCOME	\$13,406	\$4,623	\$10,000	\$0	-100.00%
OPERATING TRANSFERS IN	\$85,000	\$0	\$85,000	\$85,000	0.00%
<b>Total General Fund Revenues</b>	<b>\$4,263,958</b>	<b>\$4,400,546</b>	<b>\$3,842,810</b>	<b>\$3,790,622</b>	<b>-1.36%</b>

\* Millage Rate set at Roll Back Rate = 6.6092 mills per \$1,000

**Indian Creek Village**  
**Proposed Budget - Fiscal Year 2018**  
**General Government**

Expense Name/Description	FY2015 Actual	FY2016 Actual	06/30/2017 YTD	FY2017 Adopted	FY2018 Proposed	variance
VILLAGE COUNCIL	\$3,382	\$3,765	\$3,804	\$8,000	\$8,000	0%
ADMINISTRATIVE STAFF	\$198,307	\$205,779	\$149,535	\$202,495	\$208,559	3%
INSPECTORS	\$48,822	\$50,164	\$38,846	\$51,795	\$52,514	1%
OTHER PAYS	\$39,336	\$35,293	\$17,951	\$32,557	\$34,018	4%
PAYROLL TAXES	\$20,418	\$20,330	\$14,677	\$19,991	\$20,830	4%
RETIREMENT CONTRIBUTIONS	\$19,950	\$20,560	\$15,377	\$21,044	\$21,674	3%
LIFE/HEALTH/DISABILITY INSURANCE	\$16,447	\$19,185	\$11,129	\$20,468	\$16,616	-19%
WORKERS COMPENSATION	\$7,682	\$6,221	\$4,703	\$6,350	\$5,500	-13%
PROFESSIONAL SERVICES	\$107,416	\$84,853	\$65,431	\$347,775	\$380,500	9%
ACCOUNTING & AUDITING	\$33,158	\$26,350	\$16,997	\$30,500	\$22,025	-28%
CONTRACTUAL SERVICES	\$17,217	\$13,999	\$18,302	\$20,000	\$24,900	25%
COMMUNICATIONS & POSTAGE	\$7,974	\$7,670	\$4,995	\$7,800	\$8,000	3%
UTILITIES	\$3,479	\$3,297	\$2,181	\$3,650	\$3,650	0%
RENTALS & LEASES	\$11,721	\$12,621	\$10,804	\$14,350	\$15,750	10%
COMMERCIAL LIABILITY INSURANCE	\$19,113	\$18,278	\$17,445	\$20,600	\$20,250	-2%
REPAIRS & MAINTENANCE	\$8,471	\$32,226	\$13,737	\$20,000	\$20,000	0%
PRINTING & ADVERTISING	\$3,071	\$2,906	\$2,329	\$3,000	\$4,000	33%
OTHER CURRENT CHARGES	\$5,144	\$4,478	\$3,195	\$5,750	\$11,200	95%
OFFICE SUPPLIES	\$2,385	\$2,726	\$1,609	\$2,500	\$2,500	0%
OPERATING SUPPLIES	\$2,201	\$2,043	\$4,752	\$4,000	\$5,000	25%
DUES, SUBSCRIPTIONS & TRAINING	\$5,558	\$6,034	\$8,216	\$5,500	\$8,400	53%
CAPITAL OUTLAY - BRIDGE PROJECT	\$0	\$567,586	\$1,341,901	\$0	\$0	0%
CAPITAL OUTLAY - PERIMETER SYSTEM	\$157,503	\$0	\$36,545	\$0	\$0	0%
CAPITAL OUTLAY - EQUIPMENT	\$0	\$0	\$3,195	\$0	\$0	0%
DEBT SERVICE	\$206	\$18,498	\$261,814	\$210,120	\$0	-100%
CONTINGENCIES	\$0	\$0	\$0	\$186,729	\$205,000	10%
<b>Total General Government Expenses</b>	<b>\$738,959</b>	<b>\$1,164,860</b>	<b>\$2,069,468</b>	<b>\$1,244,974</b>	<b>\$1,098,885</b>	<b>-11.7%</b>

Totals by Function:

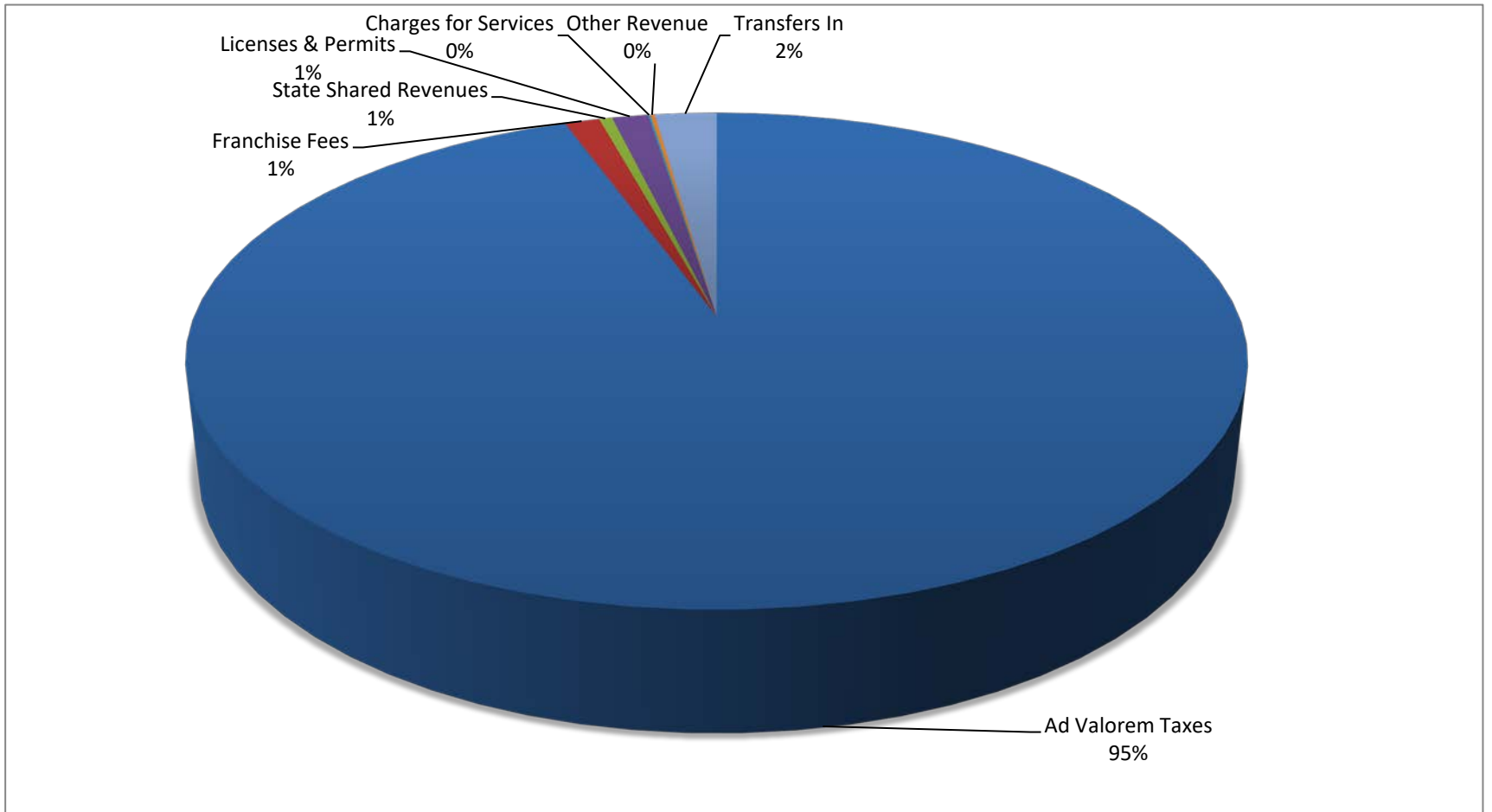
Personnel	\$350,961	\$357,531	\$252,217	\$354,700	\$359,710
Operations & Maintenance	\$230,496	\$239,743	\$438,805	\$703,545	\$534,175
Capital	\$157,503	\$567,586	\$1,378,446	\$0	\$0
Contingency	\$0	\$0	\$0	\$186,729	\$205,000
	<b>\$738,959</b>	<b>\$1,164,860</b>	<b>\$2,069,468</b>	<b>\$1,244,974</b>	<b>\$1,098,885</b>

**Indian Creek Village**  
**Proposed Budget - Fiscal Year 2018**  
**Public Safety**

Expense Name/Description	FY2015 Actual	FY2016 Actual	06/30/2017 YTD	FY2017 Adopted	FY2018 Proposed	variance
PUBLIC SAFETY STAFF	\$935,962	\$976,022	\$735,454	\$995,000	\$1,022,900	3%
OVERTIME PAY	\$130,945	\$157,908	\$114,247	\$140,000	\$143,000	2%
OTHER PAY	\$264,393	\$289,954	\$213,690	\$263,600	\$282,000	7%
PAYROLL TAXES	\$94,853	\$101,390	\$73,338	\$107,026	\$112,998	6%
RETIREMENT CONTRIBUTIONS	\$108,464	\$110,884	\$84,921	\$120,325	\$124,764	4%
LIFE/HEALTH/DISABILITY INSURANCE	\$163,771	\$175,244	\$133,936	\$205,633	\$212,500	3%
WORKERS COMPENSATION	\$18,246	\$14,516	\$17,531	\$19,000	\$19,000	0%
PROFESSIONAL SERVICES	\$316,919	\$475,525	\$235,407	\$436,850	\$448,850	3%
ACCOUNTING & AUDITING	\$16,542	\$12,650	\$14,253	\$14,100	\$15,725	12%
CONTRACTUAL SERVICES	\$33,421	\$31,731	\$24,609	\$51,250	\$35,000	-32%
COMMUNICATIONS & POSTAGE	\$17,602	\$23,879	\$12,775	\$23,500	\$19,700	-16%
UTILITIES	\$8,676	\$8,155	\$5,561	\$9,000	\$8,350	-7%
RENTALS & LEASES	\$3,992	\$2,605	\$0	\$3,000	\$0	-100%
COMMERCIAL LIABILITY INSURANCE	\$45,102	\$41,202	\$44,095	\$45,500	\$45,550	0%
REPAIRS & MAINTENANCE	\$38,096	\$72,979	\$59,099	\$50,000	\$73,500	47%
PRINTING & ADVERTISING	\$605	\$2,465	\$0	\$750	\$0	-100%
OFFICE SUPPLIES	\$2,016	\$738	\$550	\$1,500	\$1,000	-33%
OPERATING SUPPLIES	\$88,564	\$82,468	\$61,723	\$90,000	\$80,000	-11%
DUES, EDUCATION & TRAINING	\$5,988	\$5,397	\$24,894	\$6,000	\$23,400	290%
CAPITAL OUTLAY	\$0	\$287,114	\$3,195	\$0	\$0	0%
CONTINGENCIES	\$8,140	\$0	\$0	\$15,802	\$23,500	49%
<b>Total Public Safety Expenses</b>	<b>\$2,302,298</b>	<b>\$2,872,825</b>	<b>\$1,859,276</b>	<b>\$2,597,836</b>	<b>\$2,691,737</b>	<b>3.6%</b>

Personnel	\$1,585,690	\$1,668,009	\$1,258,869	\$1,710,584	\$1,774,162
Scheduled Overtime	\$65,145	\$66,379	\$50,784	\$64,638	\$66,578
Non Scheduled Overtime	\$65,800	\$91,529	\$63,463	\$75,000	\$75,000
O&M	\$577,524	\$759,794	\$486,160	\$731,812	\$752,497
Capital	\$0	\$287,114	\$0	\$0	\$0
Contingency	\$8,140	\$0	\$0	\$15,802	\$23,500
	<b>\$2,302,298</b>	<b>\$2,872,825</b>	<b>\$1,859,276</b>	<b>\$2,597,836</b>	<b>\$2,691,737</b>

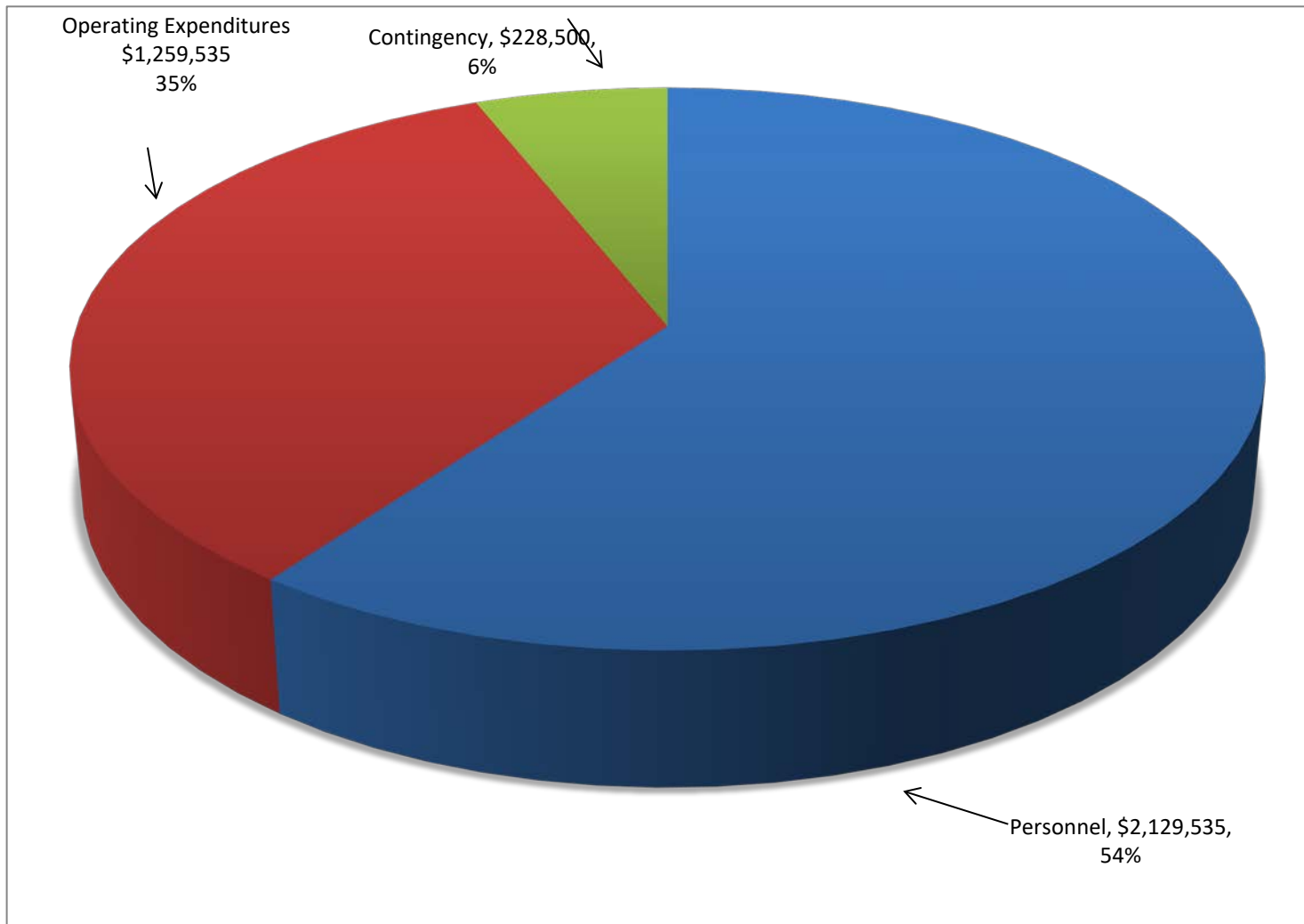
## GENERAL FUND 2018 REVENUES



Ad Valorem Taxes	\$3,581,277	94%
Franchise Fees	\$48,000	1%
State Shared Revenues	\$17,845	0%
Licenses & Permits	\$50,000	1%
Charges for Services	\$3,000	0%
Other Revenue	\$5,500	0%
Transfers In	\$85,000	2%
TOTAL	\$3,790,622	100%



## GENERAL FUND 2018 EXPENDITURES



Personnel	\$2,275,450	54%
Operating Expenditures	\$1,286,672	35%
Contingency	\$228,500	11%
TOTAL	\$3,790,622	100%



ENTRANCEWAY

**VILLAGE OF INDIAN CREEK**  
**FLORIDA**  
**CAPITAL IMPROVEMENT PROGRAM**

	2018	2019	2020	2021
I. ROADWAY IMPROVMENTS	TBD			
<p>The project consists of improvements to various roadways within the Village. Improvements to the roadways include pavement reconstruction, curb and gutter, drainage modifications, sidewalks, asphalt resurfacing, lighting, pavement markings and signage, landscaping and irrigation.</p>				
II. STORMWATER IMPROVEMENTS	150	100		
<p>Stormwater Improvements shall continue to include regular maintenance of its storm sewer system by clearing and conducting a visual and video inspections of the storm sewer system every three years. These long term maintenance recommended will expand the useful life of the system.</p>				
III. BRIDGE IMPROVEMENTS				
<p>Bridge improvements of 2008 included milling and resurfacing the bridge span, replacing bridge expansion joints, repairing spalled and deteriorated concrete, repair other deteriorated areas of the bridge such as the walls, columns, and decking, pressure washing all concrete surfaces, recoating the street print. The improvements were not structural in nature. The 2017 Optimized the Rehabilitation of the Bridge without rehabilitating the foundations. The Engineer concluded that the work required to improve the foundation will be risky due to the close proximity of the foundations to each other and the potential for impacts on other Bridge components.</p>				
IV. NEW BRIDGE	TBD			
V. WATERFRONT IMPROVEMENTS				



## **INDIAN CREEK VILLAGE, FLORIDA**

### **Police Vehicle Replacement Program**

Year	Vehicle / Boat	2018	2019	2020	2021	2022
2007	Boat Protector 28'		X		X	
2015	Ford Interceptor Chief's car		X			
2013	Ford F-150 4 X 4	X				
2015	Boat Defiant 29'					X
2017	Ford Expedition				X	

1. Resolution # 630 adopted January 22, 2008 authorized purchase of a 28' Protector Targa at a cost of \$ 185,680.00.
2. Resolution # 699 adopted June 19, 2012 authorized purchase of a 2013 Ford Police Interceptor at a cost of \$ 31,304.00 after trade-in. The 2004 Marked Ford Crown Victoria was sold as surplus.
3. Resolution # 711 adopted February 19, 2013 authorized refurbish, lease and purchase of the following police vehicles:

- Special Utility Ford F-150 4X4 Service Truck (purchase) - \$ 37,500.00 after trade-in.

#### **TRADES-IN :**

1. 2004 Blue Ford Crown Victoria
  2. 2004 Dodge Stratus
- Refurbish 2006 Ford Expedition
4. Resolution # 747 adopted May 26, 2015 authorized the purchase of an additional Marine Patrol Vessel (29' Defiant) at a cost not to exceed \$ 290,000.
  5. Resolution # 766 adopted May 23, 2017 authorized the purchase of 2017 Ford Expedition at a cost of \$ 49,629.00. The same Resolution authorized the sale of 2013 Ford Interceptor.
  6. Resolution # 771 dated February 20, 2018 authorized the sale of the 28' vessel MAKO Model 282 which was purchased in 2008.



## **I. SOLID WASTE AGREEMENTS AND COMPANY NAMES**

- A. Sterling Waste Services, LLC. (Original Agreement) 2007 – 2009
- B. Choice Environmental Services of Miami, Inc. (Agreement Transfer) 2009 – 2012
- C. Waste Services of Florida, Inc. (Acquisition) 2012 – 2013
- D. Progressive Waste Solutions of FL, Inc. (Name Change) 2013 – 2016
- E. Waste Connections, Inc. (Acquired and Combined) 2016 – Present

## **II. ORDINANCE AND RESOLUTIONS**

- A. Ordinance # 191:  
Adopted November 28, 2007 approving initial contract with Sterling Services, LLC.  
Three (3) year Agreement, plus two (2), (2) year extensions.
- B. Resolutions:

<u>No.</u>	<u>Date</u>	<u>Purpose</u>
642	Adopted January 20, 2009	Merger
677	Adopted September 8, 2010	5-year extension
714	Adopted April 17, 2013	Acquisition to Waste Services of Florida, Inc.
745	Adopted May 26, 2015	Two (2) year extension
767	Adopted May 23, 2017	Waste Connections of Florida, Inc.

## **III. SOLID WASTE SERVICES AGREEMENT AND AMENDMENTS** **(2007 – 2018)**

- A. STERLING WASTE SERVICES, INC. AGREEMENT
  - 1. ORDINANCE # 191 – November 28, 2007  
AN ORDINANCE OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, APPROVING AGREEMENT FOR COLLECTION, TRANSPORTATION, AND DISPOSAL OF SOLID WASTE FOR THE RESIDENTIAL AREA OF THE VILLAGE BETWEEN THE VILLAGE AND STERLING WASTE SERVICES, LLC; PROVIDE AN EFFECTIVE DATE.
    - a. Three (3) year Agreement – December 3, 2007 to November 30, 2010. Two (2) additional, two (2) year terms.
    - b. Contract executed by Mr. James Sage, President on December 3, 2007
    - c. Contract Section 33, page 23, Assignment, Contract shall not assign, sell, transfer or dispose of the rights or obligations granted by this agreement may ... whatsoever without the express prior written consent of the Village. The paragraph continues, see contract.
- B. CHOICE ENVIRONMENTAL SERVICES OF MIAMI, INC.
  - 1. Resolution # 642 – January 20, 2009
    - a. Sterling Waste Services, LLC. merged with Choice Environmental Services of Miami, Inc. and Resolution consented to the transfer of the original Agreement.

2. Resolution # 677 – September 8, 2010: November 30, 2010 to November 30, 2015

- a. Pursuant to Resolution # 677, adopted on September 8, 2010, the Village and Choice entered into a First Amendment to Agreement dated September 21, 2010 (“First Amendment”), which extended the term of the Agreement for an additional five year period, beginning December 1, 2010, and terminating on November 30, 2015, and changed the compensation to the Contractor. The Original Agreement and the First Amendment are collectively the “**Agreement**”.
- b. Contract executed on November 30, 2010 by Mr. Neil Rodriguez

C. WASTE SERVICES OF FLORIDA, INC.

1. Resolution # 714 – April 17, 2013

- a. Consenting to the acquisition of the Solid Waste Disposal Services Agreement from Choice Environmental Services, Inc. to Waste Services of Florida, Inc. who acquired all of the ownership interest in Choice. Service was started November 6, 2012.
- b. On September 3, 2013, Progressive Waste Solution of FL, Inc. merged with Choice.
- c. On September 6, 2013, Waste Service of Florida, Inc. changed its name to Progressive Waste Solution of Florida, Inc.

2. Progressive Waste Services of Florida, Inc.

Resolution # 745 adopted May 26, 2015: November 30, 2015 – November 30, 2017

- a. The Village Council agreed to an extension of the Agreement to November 30, 2017 under the same terms and conditions. This is the SECOND AMENDMENT to the 2007 Agreement. This was approved at the May 5, 2015 Council Meeting.
- b. Progressive letter dated April 22, 2015 agreed to perform services pursuant to the terms and conditions contained within the existing Agreement for an extension period of two years that shall expire in November 30, 2017. Rate is \$26.00 per month per resident plus cost-of-living adjustment.
- c. Beginning on October 1, 2008, and annually thereafter, Contractor shall adjust the collection and hauling component of the rates to reflect the cost of doing business, measured by the fluctuation in the Consumer Price Index (CPI) (All Urban Consumers, Miami-Fort Lauderdale, Florida) as published by the U.S. Department of Labor, Bureau of Labor Statistics or its successor agency. The collection and hauling component shall be adjusted by 100% of the percentage change in the CPI from the previous July to July of the year in which the adjustment is effected (but not to exceed 5%). (Page 13, Section 12.4; of the 2007 Sterling Waste Services Agreement).
- d. Contract executed October 22, 2015 by Mr. Dean Di Valerio, Regional Vice-President.

D. WASTE CONNECTIONS OF FLORIDA, INC.

3. RESOLUTION # 767 Adopted May 23, 2017:

- a. On June 1, 2016, Waste Connections, Inc. acquired and combined with Progressive Waste Solutions Ltd., the parent company of Progressive Waste Solutions of FL, Inc. as reported in a January 31, 2017 letter.

- b.** On June 12, 2016, Progressive Waste Solutions of FL, Inc. registered “Waste Connections of Florida” as a fictitious name with the Florida Department of State, Divisions of Corporations.



**INDIAN CREEK VILLAGE, FLORIDA**

# **BUDGET HIGHLIGHTS FY 2003 – 2017**



## **INDIAN CREEK VILLAGE, FLORIDA**

The following is a recapitulation of program accomplishments for fiscal years 2003 to and including fiscal year 2015. The highlights are only the significant projects.

### **Major FY 2003 Budget Highlights**

1. The Access Control Improvement Project upgraded the security, video surveillance and recording systems. New transponders were purchased and a new ticket dispensing machine was installed. The project was completed by the end of the year. Resolutions # 529 and # 533 adopted September 9, 2003 approved this project and set rate for the sale of strips at \$ 25.00 beginning December 1, 2003.
2. The solid waste, recycling and disposal contract with BFI Waste Systems of North America, Inc. was extended for an additional five (5) years until March 31, 2009 at the same rate and under the same conditions and terms as the existing contract.
3. On December 19, 2002, the Florida Public Employee Relations Commission announced the police officers in a certification election voted not to join the Miami-Dade County Police Benevolent Association. Legal costs amounted to \$41,711 to represent the Village on this matter.
4. The records management program was approved by Resolution #532, adopted September 9, 2003, which provides for the scanning and the storage of documents, building permits and plans (off-site) in accordance with our records retention program.
5. The fiscal year ended with a \$136,878 General Fund surplus. The deficit of \$255,743 was eliminated and the \$500,000 loan was paid off. Stormwater and water rates were increased to eliminate the water utility deficit and provide funds for maintenance of the system and capital expenditures.
6. The Police Plan dated March 20, 2003 was discussed at the Council work session held April 12, 2003 to review the position-control policy, police replacement vehicle policy, police drug task force participation, etc.
7. Insurance was obtained for a marine vessel which was previously uninsurable and negotiated lower general liability and auto insurance premiums with our carrier, the Florida League of Cities, Inc. (Florida Municipal Insurance Trust – FMIT).
8. Debt Service Millage Rate of 0.700 was reduced to 0.5750 of \$ 1,000 of Assessed Valuation.

### **Major FY 2004 Budget Highlights**

1. Randolph G. White, P.A. was retained to provide financial advice and services to the staff at the recommendation of the auditor in the FY 2003 audit.
2. An insurance deductible reserve account was established by Resolution # 561, April 22, 2004. This legislative action permitted the increase of the deductible for all policies. There is \$125,000 designated in the fund balance for this purpose as of September 30, 2012.





## **INDIAN CREEK VILLAGE, FLORIDA**

3. The Budget contained funds for the first time to pay when the respective employee accumulates the maximum number of hours for compensatory time, sick leave and vacation. The maximum liability the Village could incur based on 2013 wages is \$ 204,000.
4. Improvements made to the Village Hall included refurbishing the Council Chamber and Offices, the construction of a new dais in the Council Chamber, additional furniture and window treatments, and several murals were painted at selected locations. A public reception was held January 22, 2004.
5. The Village presented its first CAFR in accordance with the government Standards Accounting Board Statement 34, GASB 34, a new major standard, which has changed the method and content governments must report. This was one (1) year ahead of time.
6. The Stormwater rate was reduced 25% this year from \$ 5,740 to \$ 4,385 per acre feet.
7. A lawsuit between Florida State Fire & Security Co. and the Village was approved for settlement at the November 5, 2003 Council Meeting for \$ 53,000 in conjunction with building the new Village Hall.

### **Major FY 2005 Budget Highlights**

1. The Land Development Regulations (LDR) was one of the issues addressed in the Evaluation and Appraisal Report (EAR) which revealed a majority of the definitions and regulations needed to be updated. The Code was last revised in 1990 (Ordinance # 72). Other codes are now cited by reference so when amended the respective code does not require the Village to amend its LDR. Building site design standards and requirements were clarified and refined. The code was reviewed and revised at the January 24, 2005 workshop and February 7, 2005 Council meeting. The first public hearing was held March 7, 2005 followed by the May 2, 2005 second hearing and the adoption of Ordinance #161. The Code was amended with the adoption of Ordinance # 162 on September 22, 2005, Ordinance # 180 on May 7, 2007, Ordinance # 182 on June 4, 2007 and Ordinance # 190 on November 12, 2007. These changes have been incorporated into the Code effective June, 2008.
2. As of February 1, 2005 high-speed internet access became available to all residents through BellSouth. T-1 internet access service was made available at a later date.
3. The codification program initiated several years ago was completed February 24, 2005. The previous codification was March 6, 1993. The Code is updated periodically by Municipal Code Corporation as per Resolution # 215 adopted November 13, 1989.
4. The Stormwater Improvement Project provided for the replacement of 400' of a 36" diameter storm water line at the north side of lot 25 with new reinforced concrete pipe, which outfalls into Biscayne Bay and an in-line pollution control box with screen and skimmer systems and turbulence detectors at a net construction cost of \$68,900. The replacement was required because the pipe was failing at the joints, hydraulic exhaustion and structural degradation. Many of the joints have separated resulting in a leaking pipe and soil entering the piping causing the eroding of soil over the pipe. Resolution # 560 adopted April 22, 2004 approved the drainage installation, an easement from the owner of



## **INDIAN CREEK VILLAGE, FLORIDA**

Lot 25 and construction of the stormwater pipe plus a \$15,000 contribution from the owner. Project started in December and was completed by January 10, 2006.

5. This past year the police department's emphasis was in-service training. This training consisted of maintaining State Standards as well as in service training that included re-certification in CPR, 1<sup>st</sup> Responder and Automated External Defibrillator. Every agency was federally mandated to fit its officers with Personal Protection Equipment suits in light of the current domestic situation. One additional officer was added to the ranks, which allowed us to implement a flex shift. This shift will enable our department to reduce overtime and maximize marine and traffic enforcement activities.
6. Debt Service Millage Rate of 0.5750 was reduced to 0.45 of \$ 1,000 of assessed valuation in FY 2005 and has remained the same through the FY 2010.
7. Teco Peoples Gas replaced the corroded and leaking natural gas transmission line, which supplies gas to the island by inserting a new line within the old line. The project started October 8, 13, 2004 and completed (9) days later.

### **Major FY 2006 Budget Highlights**

1. Hurricane Wilma struck Indian Creek from the west on the morning of Monday, October 24, 2005 causing damage to the island including the Village Hall property. Debris removal and disposal costs were \$ 185,167.12. About 10,137 cubic yards of debris were collected at a cost of \$ 17.05 per yard and \$ 44.59 and \$ 53.65 per ton for disposal. Property damage costs were approximately \$ 70,000 including storm sewer replacement and cleanout of the system, seawall repair, street light and fence replacements. Total estimated Village costs were \$ 312,051.73 for the above projects. The Village Council met in a workshop to discuss the Community debris removal efforts November 7, 2005, which started November 2<sup>nd</sup>. The community event generated debris was wide spread and was ordered removed because it was in the public interest. The debris caused obstructions, and hazards for traffic, fire, health, public nuisance and public safety issues. The clogging of the storm water system could have caused additional damage to improved properties and surroundings as well as damage to the system.
2. Mill rate of 10 per \$ 1,000 of assessed property valuation was reduced to 9.75 mills or a 2.5% reduction.
3. One Call Now auto dialer service is the method in which the message is digitally recorded and sent to our residents effective as of February 2, 2006.
4. After hearing complaints about speeders on the island, the police stepped up enforcement which alleviated the problem. The effort carried over to the waters surrounding the island. Officers are stopping boaters at a record pace thus providing a proactive visual presence on the island waterways.
5. Training of our officers is always a high priority. During this year all officers received training in a federally mandated course (NIMS-National Incident Management System) as



## **INDIAN CREEK VILLAGE, FLORIDA**

well as state mandated tactical firearms training and the Police Chief attended the hurricane conference.

6. In August 2006 the Village Engineer submitted the appropriate data and water samples analysis to the Florida Department of Health for the purpose of obtaining an automatic waiver to qualify for the United States EPA Stage 2 Disinfectants and Disinfection Byproduct Rule Compliance, for the Very Small System Waiver (VSS) from having to perform an Initial Distribution System Evaluation (IDSE) in accordance with the National Primary Drinking Water Regulations. This was confirmed in a communication dated October 5, 2006 from Mr. Robert Burns, U.S., E.P.A. Engineer. The waiver is effective until April 1, 2012. The next tests were taken August 1, 2012. Based on the tests results, the Village would not be required to sample again until July or August, 2015 as per a letter from the Health Department dated February 12, 2013.

### **Major FY 2007 Budget Highlights**

#### **Evaluation and Appraisal Report**

1. Mill rate of 9.75 per \$ 1,000 of assessed property valuation was reduced to 8.25 mills a 15.38% reduction.
2. The Village is required by the Florida Department of Community Affairs (DCA) to adopt an Evaluation and Appraisal Report (EAR) once every seven (7) years to assess progress in implementing the Comprehensive Plan. This requirement was discussed with the Village Council at the meetings of April 19, 2004 and May 7, 2004. Four (4) professional planning companies were contacted and interviewed. I also attended a meeting on Miami Beach on the same subject matter along with other local, county and state officials. At the June 1, 2004 Council Meeting, the Bell David Planning Group, Inc. was retained to prepare the report. Resolution # 569, adopted July 6, 2004, approved the scope of work proposed by Bell David subject to the approval of the DCA. The scope of work was submitted for State approval July 7, 2004. The department approved the scope of work in their letter of understanding July 27, 2004. The initial draft report dated November 2004 was submitted and discussed with the Village Council at their November 29, 2004 meeting. The report was revised, modified and approved to be submitted to the State for their sufficiency review by Resolution #\_579, December 7, 2004. The DCA found the report sufficient by its final sufficiency review letter dated March 11, 2005.

A. Bell David Planning Group Retained	June 1, 2004
B. Scope of Work approved – Resolution #569	July 6, 2004
C. Plan Adopted – Resolution #579	December 7, 2005
D. DCA Approves Report	March 11, 2005

A series of amendments to our Comprehensive Plan to implement the EAR findings and recommendations were prepared by the Bell David Planning Group. The firm was authorized by Resolution # 584 adopted May 5, 2005 to prepare the necessary amendments. The proposed amendments were presented to the Village Council at the June 7, 2005 meeting. Resolution # 586 authorized the transmittal to the DCA on June 7,



## **INDIAN CREEK VILLAGE, FLORIDA**

2005. The DCA in a letter dated August 5, 2005 found no objections to the amendments. Resolution # 591 adopted September 22, 2005 approved the EAR based amendments to the Comprehensive Plan and authorized the transmittal to the department. Ordinance # 170 reiterated the same approval's adopted December 19, 2005. The department issued a Notice of Intent to find the Village in compliance on February 6, 2006.

A. Bell David Planning Group (prepare amendments)	- Resolution # 584	May 5, 2005
B. Amendments to DCA	- Resolution # 586	June 7, 2005
C. Amendments adopted	- Resolution # 591	September 22, 2005
D. Amendments adopted	- Ordinance # 170	December 19, 2005
E. Notice of Intent – Compliance		February 6, 2006
F. Comp. Amendments	- Ordinance # 179	November 6, 2006
G. Plan found in compliance		May 4, 2007

After the EAR-based Amendments process was completed the Village embarked on a more holistic review of the Comprehensive Plan as amended by the EAR-based amendments. This review has led to the proposed new amendments:

- A NEW Section 1 was created which memorializes the Village's EAR process.
- Introductory paragraphs have been added to each of the Elements.
- Minor text changes to Goals, Objectives and Policies were made throughout this document.
- The Five-Year Capital Improvements Schedule is being amended pursuant to State statutory requirements to include projects programmed by Indian Creek Village and other agencies that ensure its ability to continue to meet its Level of Service Standards during the planning period.

Ordinance # 179 effective November 6, 2006 adopted the amendments to the Comprehensive Plan. The amendments were submitted to the DCA. The Department responded with comments November 17, 2006. The Village answered the comments in a letter to the DCA December 13, 2006. The DCA responded in a February 16, 2007 communication. The comments were answered March 15, 2007 by the Village. Plan found in compliance by DCA May 4, 2007.

When these changes were approved by the DCA, the Comprehensive Plan was revised into a new and Updated Plan dated December, 2007. The next EAR is due January 1, 2012. The next EAR based amendments are due July 1, 2013.

3. A traffic study which evaluated a 20 M.P.H. speed limit for Indian Creek Island Road was accepted and approved with the adoption of Resolution #600, February 26, 2006. In a letter dated April 18, 2006, the County indicated no objections to lowering the speed within the limits of the Village. Resolution #601 was adopted May 15, 2006 authorizing the inter-local agreement to be executed by the Village Manager. The County agreed to the speed



## **INDIAN CREEK VILLAGE, FLORIDA**

reduction as per their letter dated December 26, 2006. Ordinance # 181 adopted June 04, 2007 set the speed limit at Twenty (20) miles per hour. The signs were installed June 18, 2007. County final approval was given in a letter dated November 16, 2007.

4. In accordance with the adopted 2006 Comprehensive Plan, the Village applied for and obtained funding in the amount of \$ 250,000 from the South Florida Water Management District to improve and upgrade the surface and stormwater drainage system to a safe, effective and efficient operating condition. Resolution # 593, December 5, 2005 accepted the \$ 250,000 and Resolution # 594 approved the Comprehensive Stormwater Improvement Program and authorized the spending of the \$ 250,000 for a combined project cost of \$ 500,000. The engineering contract was executed January 26, 2006 for the preparation of plans and specifications. Two (2) bids were received and opened April 25, 2006. The contract was awarded May 15, 2006 to Envirowaste Services Group with the adoption of Resolution # 603 in the amount of \$ 390,000. A June 26, 2006 letter from the Engineer authorized the contractor to proceed. The project includes but was not limited to cleaning, video inspection, replacement, repair and water proofing of inlets and manholes, grouting, point repair, asphalt and site restoration and miscellaneous improvements to the system. Project reached substantial completion on March 23, 2007. Catch basin rehabilitation phase completed May 8, 2007. Final project construction cost was \$ 332,681.62. The above project was financed from the Stormwater Utility Fund.
5. Resolution # 613 adopted November 6, 2006 authorized the execution of the contract dated July 26, 2007 between Miami-Dade County and Indian Creek Village so the County can continue to render water service to the Village for a twenty year period ending December 18, 2027.
6. Resolution # 621 adopted at the July 2, 2007 Council Meeting opted the Village out of the Miami-Dade County Fire and Rescue Service District. Since that time the Village has been exploring various directions to provide Fire / Rescue Service to the Community.
7. Ordinance # 191 adopted November 28, 2007 authorized a three (3) year agreement with Sterling Waste Services, Inc. to collect, transport and dispose of solid waste for the Village.

### **Major FY 2008 Budget Highlights**

1. The Bridge Improvement Project consisted of milling and resurfacing the bridge span, replacing bridge expansion joints, repairing spalled and deteriorated concrete, repairing other deteriorated areas of the bridge such as the walls, columns, and decking, pressure washing all concrete surfaces, recoating the bridge, replacing a damaged light fixture and installing a decorative street print (\$ 148,839). The print was unanimously approved at the September 19, 2007 Council meeting. As part of the entryway project the color was removed and replaced with Black Asphalt (\$ 35,000). As a result, the recent repair had little influence on the sufficiency rating analysis performed by FDOT on November 11, 2011 (47.7). The bridge rehabilitation included maintenance repairs to temporarily protect the bridge from deterioration due to the aggressive environment. These repairs did not have any impact on the structural capacity of the bridge.





## **INDIAN CREEK VILLAGE, FLORIDA**

Funds in the amount of \$ 940,821.18 were received from the Metropolitan Planning Agency; (\$ 750,000), Miami-Dade County Building Better Communities General Obligation Bond Program; (\$ 115,000) and Florida Department of Environmental Protection, Recreation Development Assistance Program; (\$ 75,821.18) to pay for the project. The Local Agency Program Certification was approved on July 11, 2005 by The Department of Transportation. A Local Agency Program Agreement between the Village and the FDOT was executed October 31, 2006.

Construction bids for the project were received November 24, 2004. The lump sum contract price was \$ 659,371.00 including a \$ 100,000 allowance that was reported to the Village Council at the May 2, 2005 Council Meeting. The plans and specifications were prepared by the Village Engineer, CDM. Contract was executed January 4, 2007 with Worth Contracting, Inc.. Final construction cost was \$ 776,016.75 including change orders of \$ 216,645.77 of which was \$ 116,645.75 was in addition to the \$ 100,000 allowance for change orders. The total cost including preparation of plans and specifications, engineering, inspection and permitting was \$ 862,956.75.

A pre-construction meeting was held Wednesday, January 31, 2007 with the contractor. A project start ceremony was held February 28, 2007 with invited guests including State Senator Gwen Margolis. Mobilization began March 1, 2007. Construction started March 1, 2007. Substantial completion was November 27, 2007 and final completion was January 9, 2008.

A. Dedication Program was held November 12, 2007.

2. Our marine fleet took possession of a new boat, a Protector, dual out board engine, cabin, 28 feet Targa and trailer at a cost of \$ 185,330 as per Resolution # 630, adopted January 22, 2008. It replaced a Zodi Nautica, 26.6 feet, fiberglass hull, inflatable boat. Additionally, our agency continues to promote cooperation and coordination with outside agencies. Indian Creek Village is consistently called upon by these other agencies to assist in a wide range of marine tasks including illegal alien smuggling and drug interdiction. The boat was placed in service February 25<sup>th</sup>.
3. Mill rate was reduced to 6.5 mills per \$ 1000 of assessed valuation from 8.25 or a 21% reduction. Over the 3 year period from 2006 – 2008 the mill rate was reduced approximately 35%, from 10 mills to 6.5 mill.
4. Mr. Seth H. Bramson, author of “33154” presented a copy of his new book to our Mayor at the May 27, 2008 Council meeting. The book is a history of the island.
5. Mr. Robert M. Brochin, Esquire, Morgan Lewis announced his resignation as Village Attorney. He was appointed September 24, 1996. The firm of Weiss, Serota, Helfman, Pastoriza, Cole & Boniske, P.L. was appointed effective March 24, 2008 as Village Attorney. The engagement letter dated March 25, 2008 was executed by the Mayor on April 17, 2008.
6. A resident requested the extension of the natural gas main and service line to



## **INDIAN CREEK VILLAGE, FLORIDA**

37 – 41 Indian Creek Island Road. Teco People's Gas reported in a letter dated May 27, 2008 the cost to provide this service would be \$ 20,974; to be divided among the five (5) residences. The project did not go forward.

7. Water service lines from Lots 36, 40 and 41 were transferred from the 12-inch to 16-inch waterline in April 7, 2008. In August WASA eliminated the (2) abandoned waterline since no service connections were connected to the line. The same year a leak detection study was conducted and the study found no leaks. The pressure readings of the entire distribution system were taken from April 10 through April 16, 2008 by MDWASD personnel at three locations. The pressure reading, indicate that the Village's water pressure falls within normal operating pressure - 40 to 60 psi. All water shut-off valves, fire hydrants and dead-ends are inspected annually.
8. At the May 27, 2008 Council Meeting a representative of the Village Engineer, CDM, stated that the cost to install a Sanitary Sewer System to service the island residents would cost an estimated \$ 2.7 million. The Council instructed the Engineer to submit a proposal to prepare a sanitary sewer feasibility study. The Engineer presented and reviewed the feasibility study at the June 18<sup>th</sup> Workshop and reported the cost at \$ 53,700. The Council took no further action on this study.
9. Stormwater improvements were made to alleviate flooding on a section of Indian Creek Island Drive. A section of pipe was repaired where three (3) leaks developed near catch basin # 25. The stormwater system was expanded to alleviate the standing water street problem near catch basin # 10.
10. During the past year, the Police Department experienced many highlights. The most important being that no crimes were reported. Another significant and positive area worth noting was the proactive traffic enforcement conducted by our officers to inform motorists traveling our roadway of the new 20 mph speed limit. This practice will continue.
11. Resolution # 636 adopted August 26, 2008 authorized the Village Manager to execute Agreements with firms to provide disaster debris monitoring services and removal of debris from Indian Creek Island Road in the event of a declaration of an emergency by a state or federal government executive of a category three or higher hurricane.

### **Major FY 2009 Budget Highlights**

1. Resolution # 646 adopted March 4, 2009 authorizing the Village Manager to execute an agreement with Beatrice Galeano-Yera, P.A. to provide advisory financial services to the Village. The contract was effective March 5, 2009. The Agreement is automatically renewable each fiscal year, unless otherwise terminated by either party.
2. A letter dated January 28, 1993 authorized the Village to become eligible to participate in the National Flood Insurance Program (120646) effective January 20, 1993.



## **INDIAN CREEK VILLAGE, FLORIDA**

Prior to the September 8, 2009 adoption of its own Chapter, the Village adopted by reference the Miami-Dade County Floodplain Management Regulation (June 18, 1974). The Village adopted Ordinance No. 72 on December 4, 1990, which added floodplain management language to the Village's Land Development Regulations. The Village approved Resolution # 317 on December 30, 1992 charging the Village with recognizing flood hazards, amending land use policy as necessary to mitigate such hazards and authorizing better coordination with the Federal Insurance Administration. Additionally, Ordinance # 87, adopted January 12, 1993, added section (9 - Flood Damage Prevention) to Sub-Article 4.A of the Regulations.

In order to streamline this section, additional changes/deletions were made to floodplain management/flood damage prevention in the rewrite of the Village's Land Development Regulations, which were adopted in 2005 by Ordinance # 161.

3. On September 8, 2009, the Village adopted Ordinance 195, Flood Damage Prevention, creating Chapter 27. Said Chapter was subsequently renumbered by Municode Corporation and codified as Chapter 16 of the Village Code. The creation of this Chapter was necessitated by the regulatory requirements of FEMA and the National Flood Insurance Program. During 2009, FEMA revised the Flood Insurance Rate Map (FIRM) series for the entire country as part of a comprehensive flood insurance study. The Miami-Dade Flood Insurance Study (dated revised September 11, 2009) and flood maps reflecting the conditions within the Village (also dated September 11, 2009) consisting of two maps: Map Numbers 12086C0144L and 12086C0307L were submitted to the Village and are on file with the office of the Village Clerk.
4. Resolution # 624 adopted January 29, 2009 consented to the transfer of the solid waste disposal agreement from Sterling Waste Services, LLC to Choice Environmental Services of Miami, Inc.

### **Major FY 2010 Budget Highlights**

1. Ordinance # 198 was adopted April 20, 2010 pertaining to certain public road improvements accordingly to Design Guidelines and a Specifications Manual for Indian Creek Island Road was in compliance for the guidelines and specifications.
2. Resolution # 677 adopted September 8, 2010, extended the Solid Waste Disposal Services Agreement with Choice Environmental Services, Inc. for five (5) years from December 1, 2010 to November 30, 2015.
3. Resolution # 667 adopted February 24, 2010 authorized the acquisition and installation of water meters. The new Sensus SR meters are equipment with the state-of-the-art absolute-encoder registers and reading devices for automatic meter reading. The cost of the project was approximately \$ 82,000; cost of meters, \$ 43,237 and installation, \$ 28,400. All meters were replaced with the new Sensus SR meters and the boxes were rebuilt where needed. Meters were in operation by June 29, 2010.



## **INDIAN CREEK VILLAGE, FLORIDA**

The Village advanced its Water Conservation Plan by implementing Automatic Meter Readings (AMR) technology. The main benefits the AMR technology provides to the Water Conservation Plan include (1) ability to detect leaks in a timely manner and (2) improved water accounting through automated data collection. The new system includes AMR technology that will prevent recording errors, eliminate estimated readings, and allows the Village to monitor water consumption on a monthly basis.

### **Major FY 2011 Budget Highlights**

#### **1. ENTRANCEWAY IMPROVEMENT PROGRAM**

At the February 24, 2010 meeting the Council directed the Village Manager to have C3TS prepare a plan a new bridge deck and entranceway.

The entrance, at the intersection of 91<sup>st</sup> Street and Bay Drive was vastly over-paved with a width of asphalt nearly 8 travel lanes wide, abruptly narrowing to two lanes entering the security gates and two lanes exiting from the bridge. The overly wide, undifferentiated approach created confusion to drivers in the intersection as they weave their way to the entry gates. There was no clear definition between the visitor entrance lane and the resident entrance lane until the vehicle approaches closely to the divider strips, often resulting in visitor's vehicles stacked for security clearance, blocking access for residents. Pedestrians entering and leaving the Village had no defined walkways separated from vehicles. The modifications to the entrance are designed to correct these safety issues.

The entranceway was reconfigured, as approved in the March 4, 2009 Streetscape Public Safety Improvements Master Plan, to provide a narrower opening onto Bay Drive, thereby creating a greater sense of exclusivity as well as a greater sense of arrival for Indian Creek Village. This was accomplished by tightening the corner radii and expanding the landscaped corners on either side of the entrance. The newly-expanded landscaped corners on either side of the entrance are planted with a large specimen banyan trees that will add to the existing canopy, as well as shrubs and groundcover under-plantings. Adding to the aesthetic enhancements aforementioned, an oval landscaped island constructed at the entranceway between Bay Drive and the security gated entry lanes. The oval was designed so as to not affect the current traffic flow and security at the entrance gates; and was planted with clumps of gumbo limbo trees and shrubbery. The oval will clearly separate entry and exit lanes and add additional stacking space for visitor vehicles. The overall aesthetic intent of the landscaping is to create a somewhat formal yet natural environment reminiscent of areas such as Coconut Grove. Except at the security gates, which is well lit for police visibility, new lighting throughout the entrance is indirect or tree up-lighting, thereby creating a more dramatic environment that will add to the aesthetic quality of the Village entrance. The reconfigured roadway and new oval construction is asphalt pavement, with plain concrete curbing. In addition, a 5 ft. wide sidewalk, separated from the road by a landscaped green strip, is accommodated along the south side of the entranceway from Bay Drive to the bridge gate house. This provides a safe area for pedestrians, a substantial reduction of impervious pavement, improves drainage and allow run-off to percolate into the ground.



## **INDIAN CREEK VILLAGE, FLORIDA**

The crowning element of entrance improvements is the architectural restoration of the gatehouses. The gatehouses are an intrinsic part of the Village; restoring them has created an aesthetic anchor at the entrance completely unique to the Village. The gate house is restored as historically accurately as possible, following key elements of the structure. These include reconstruction of the frieze and wrought iron bars, windows and lighting sconces, and the restoration and re-installation of the original iron gates. Small porticoes are added to the inside of the gate houses to provide pedestrian access and refuge, and also to frame and anchor the historic gates. The ornamental gates became operational April 4, 2012.

The bridge deck was resurfaced to provide a uniform asphalt color and appearance. A pedestrian walkway is designated along the south side of the bridge.

Project was advertised in Daily Business Review March 27, April 2 and 7. Addendum No.1 issued April 19, 2010. Pre-bid conference held April 14, 2010. Five (5) bids were received April 29<sup>th</sup>. The lowest responsible bid was ABC Construction, Inc. in the amount of \$ 464,040 including Alternate # 1. Actual cost was \$ 320,476.17. Total estimated project cost is \$ 610,000. Mr. Castella, C3TS, recommended the firm be awarded the contract, letter dated May 7, 2010. Resolution # 674 and # 675 awarded the contract and established the budget in the amount of \$ 609,040 at the May 18<sup>th</sup> meeting. Pre-award meeting held May 13, 2010 at 2:00 p.m.. The construction administration and inspection contract was executed May 25, 2010 with C3TS. The construction contract was executed June 14, 2010.

Groundbreaking Ceremony held June 21, 2010. Pre-construction meeting held on June 23<sup>rd</sup>. Construction started July 11<sup>th</sup>. Dedication ceremony held December 7, 2010. Final completion was March 10, 2011.

### **2. Entry Access Control Project**

During the Entrance improvement Project, three separate interrelated activities were accomplished to enhance the island entrance experience and security. The last improvement was 2003. The activities included installation of (1) a new gate control system, (2) an access control system, and (3) a perimeter system. The system became operational March 30, 2011 for residents only and January 6, 2012 for Indian Creek Country Club members and others. The new fabricated ornamental gates, a reproduction of the original gates, became operational March 24, 2012. A pedestrian control gate was added October 29, 2012.

#### **ENTRANCE LANE GATES SYSTEM**

The new arm and gate, intercom and a system to interface with our Monitoring system were supplied and installed by Amano McGann, Inc. The new network system also included installation of a new automated gate control system, gate activators, automatic loop to open the exit lane gate, and high tech TransCore eGeo AVI readers. The (Audio Video Interleave) AVI readers have a range far exceeding that of the previous readers thereby improving the early recognition of the access transponders (Windshield Sticker System).





## **INDIAN CREEK VILLAGE, FLORIDA**

The improvement was unanimously approved by the Village Council at the September 8, 2010. The cost of the enhancement was \$ 61,575 with an additional charge of \$ 11,457 to the beautification project. The project became fully operational January 6, 2012 when transponders were given to ICCC members. Residents received their new transponders March 30, 2011. In November of 2012 the Village implemented the fortified Iron gate at the bridge entrance / walkway as an extended barrier and protection for the residence.

### **ACCESS CONTROL AND CCTV SYSTEM**

The Access Control system and cameras, photographic and recording system supplied and installed by Applications By Design, Inc. (ABDI) includes a new vehicle (license plate) recognition, driver facial and driver's license photographic and recording equipment. It shows the color of vehicle, description, tag number, and type of vehicle, etc., at the entrance, both standard passenger vehicle and commercial truck heights. The new cameras and photographic equipment allow security personnel the ability to process visitors, view visitor's face, record driver's license picture ID (October 2, 2012) and record the vehicle license plate simultaneously. In addition, all of the existing perimeter security cameras in and around the Village Hall property were replaced and the command center monitors and controls were upgraded. The cost of the system was \$ 33,576.40. It became operational March 30, 2011. In February of 2014 additional cameras were added to the south tower in the fixed position on our bridge and one was placed for facial recognition located at the pedestrian walk up. These cameras were added for extra visibility.

### **PERIMETER INTRUSION DETECTION SYSTEM**

The Perimeter Intrusion Detection Systems (PIDS) installed by Aressco Technologies, Inc. (ATI) included a complete refurbishment, a system upgrade and a solar beam monitoring network with a Master Control Interface. The perimeter system includes a pedestrian monitoring system that protects the eastern most entryway to the island, Village Hall and Lot 15. The existing system was over 10 years old, utilized a radio frequency transmission for perimeter intrusion and was configured such that a failure of one tower could render the entire system inoperative. The new pedestrian monitoring system utilizes cellular telephone technology, includes remote system monitoring and diagnostic and repair services ability and has a built-in redundancy to protect the system in the event of a tower failure. The perimeter system was approved by the Council at the November 16, 2010 meeting. It became operational February 1, 2011. The system at Lot 15 became operational March 15, 2011 as a residential test case for island properties. The cost of the perimeter system was \$ 44,262.

All projects were paid from the Forfeiture Fund.

3. Ordinance # 200 adopted November 16, 2010 amending certain definitions, adding new language and deleting language or provisions not applicable to the Village, permits vehicular parking on the unpaved right-of-way (swale) area.
4. On September 8, 2009, the Village adopted Ordinance # 195, Flood Damage Prevention, creating Chapter 27. Said Chapter was subsequently renumbered by Municode Corporation



## **INDIAN CREEK VILLAGE, FLORIDA**

and codified as Chapter 16 of the Village Code (Chapter 16 was amended by Ordinance # 201).

Village staff has worked with the Florida Division of Emergency Management, State Floodplain Management Office staff to revise/update Chapter 16 to better reflect the local conditions within the municipal boundaries of Indian Creek Village. A teleconference Meeting was held December 1, 2010 with a FEMA representative.

Some of the major changes reflected (Ordinance # 201 adopted March 15, 2011) to the Chapter include:

1. Delete definitions of and references to manufactured homes / parks / subdivisions
  2. Amend definition of "Substantial Improvement"
  3. Pursuant to Federal Regulations (44CFR 65.3), require the submittal of new technical data when there are physical changes which may affect flooding conditions
  4. Change date of "existing construction" from 9/8/09 to 9/29/72
  5. Change date of "new construction" from 9/8/09 to 09/29/72
  6. Delete references to Flood Zones not applicable to the Village
5. Due to the size and manner in which the Village staff handles code enforcement violations, the need for formal enforcement proceedings within the village has been limited. However, while legally sufficient, the existing code enforcement mechanisms could be greatly enhanced. Ordinance # 202 adopted May 17, 2011, incorporates the uniform provisions of code enforcement procedures set forth within the Florida Statutes.
6. Ordinance # 203 adopted May 31, 2011, restricts the rental of residences to a maximum of two (2) times within any one year and shall be 90 continuous days.

### **FIRST – Security Services Special Assessment (\$ 25,510)**

7. At the October 23, 2008 Council Meeting the Village Council unanimously adopted a motion to authorize the Village Manager to execute an October 15, 2008 letter agreement from Government Services Group, Inc. (GSG). GSG is to provide professional services and specialized assistance to the Village in the development of alternative funding sources for essential services including but not limited to law enforcement, beautification and water services and specifically to address the use of non-ad valorem assessments at a cost of \$ 15,000. The agreement was executed October 27, 2008.

Council Members briefing sessions were held March 25 – 26, 2009. At the Council Meeting Ms. Camille P. Tharpe, Senior Vice-President, (GSG) presented a Report dated April 21, 2009, Alternative Funding Sources, for Village services. A GSG Memorandum and Report dated June 17, 2009 were distributed to the Council which summarized the services GSG has performed for the Village to date, the recommended course of action going forward and the rationale behind that recommendation. The memorandum recommends that the Council consider a Non-Ad Valorem Special assessment for Security Services. Final memorandum dated July, 2009 was approved by Resolution # 655 adopted August 18, 2009. Ordinance # 194 adopted September 1, 2009 approved and authorized the Special Assessment for Public Improvements and Municipal Services.



## **INDIAN CREEK VILLAGE, FLORIDA**

An August, 2009 report prepared by Gallagher & Birch, Inc. authorized by Resolution # 651 found that the property values are increased by the protective security services.

Council briefing sessions held January 26, 2010.

The Initial Preliminary Special Assessment Resolution # 665 adopted February 24, 2010 approved the imposition of a Special Assessment for Security Services based on the Government Services Group (GSG) memorandum dated February 19, 2010 and February 24, 2010 report. Resolution # 670 adopted March 25, 2010 set the public hearing for April 20, 2010. The hearing was advertised four (4) times in the Daily Business Review. The methodology is based upon the street and water lineal frontages of each of the island properties.

The Special Assessment cost of \$ 1,862,714 is broken down with the Country Club paying \$842,315 and residents paying \$ 1,020,399. The rate approved by the Village Council was \$ 25,510 per lot.

The Final Assessment Resolution # 673 was adopted April 20, 2010. The residential lot owner will save approximately \$ 20,000 annually. The invoices were mailed June 14<sup>th</sup>, due and payable July 15, 2010.

8. In accordance with the Code Enforcement Ordinance (Section 11-3 of the Village Code) the Village Council adopted Resolution # 692 December 13, 2011 appointing Mr. Robert D. Hertzberg, Esquire as a Special Magistrate.

### **Major FY 2012 Budget Highlights**

1. Resolution # 693 adopted December 13, 2011 approved the terms of a settlement agreement with the Bank of America relating to an interest rate swap agreement entered into in connection with the Village's \$ 1,600,000, 2001 General Obligation Note. The Village received \$ 12,059.82. The check was dated March 30, 2011.

### **SECOND - Security Service Special Assessment (\$52,234)**

2. The recommended Security Services Special Assessment for FY 2012 was \$ 52,234 per ERU.

Resolution # 684 adopted April 12, 2011 approved an April 7, 2011 letter agreement with Government Services Group for the FY 2012 Annual Special Security Assessment. The agreement was executed April 13<sup>th</sup> by the Village Manager. An official notice pursuant to Ordinance # 194 and Resolution # 685 was published in the Miami Daily Business Review on August 5<sup>th</sup> and 8<sup>th</sup> and hand delivered and mailed to all owners of property to be assessed. Resolution # 686 was passed, adopted and approved by the Village Council on September 6, 2011 and imposed a final Special Assessment for Security Services for FY 2012. Attachments to the Resolution include Government Services Group, Inc., Security Services Assessment Memorandum dated August, 2011, open letter dated September 1, 2011 from Mr. Stephen L. Dembinsky and a Property Appraisal Report # 11043 dated September 2011.



## **INDIAN CREEK VILLAGE, FLORIDA**

The FY 2012 Security Service Special Assessment is calculated by allocating 98.44% of the Public Safety Budget towards security services and the remaining 1.56% for law enforcement as compared to a 97%-3% last year. Residents were assessed \$1,020,399 and the Indian Creek Country Club assessed for \$842,340; for a total of \$1,862,739 based on an assessment of \$25,510. The ICCC then filed suit and failed to pay their share. As previously indicated, the Village paid the ICCC club's portion (\$842,340) utilizing General Fund reserves. Resolution # 673 authorizes the First Special Assessment at the April 20, 2010 meeting.

It is anticipated that once again the ICCC will not pay their share of the Security Services Special Assessment. As a direct result, the homeowner's assessment of \$ 25,510.00 shall be increased an additional \$ 26,724 in order to offset the anticipated deficit created by the non-payment for a total of \$ 52,234.00. When the ICCC payment is collected for FY 2012, the Village will return any surplus or credit each residential property owner for the next annual Special Security Services Assessment. The FY 2012 assessment will total \$ 3,814,123; \$2,089,360 residents and \$ 1,724,763 ICCC.

3. Resolution # 698 adopted May 15, 2012 approved a Settlement concerning litigation pending between the Village and several residential property owners concerning the two (2) Special Assessments for Security purposes.

The case was dismissed with prejudice on July 30, 2012. This is a cause of action brought by individual homeowners on Indian Creek Island for declaratory judgment and other claims seeking to challenge and invalidate a special assessment passed by the Village, which requires all property owners on the island to pay for security services rendered by the Village.

4. Resolution # 704 adopted September 4, 2012 approved an updated Building and Zoning Permit Fee Schedule. This Resolution clarified, reduced and added new fees.
5. Ordinance # 205 adopted September 4, 2012 amended Chapter 14, Environment, concerning parties or other gatherings, off-duty police officers, and other relative wordings.
6. Ordinance # 206 adopted November 13, 2012 established Safety Standards including size and weight limitations based on the age and use of the Bridge. The engineer recommendation was to reduce the permitted weight of vehicles to 16 tons.

The Ordinance was introduced at the September 4, 2012 Council Meeting. At this meeting the Manager was instructed to have the Village Engineer prepare a more detailed rating analysis and model for the vehicle weight capacity. Telephone conferences were held October 9, 2012 to discuss the progress of the Camp Dresser & McKee Engineer's Report. Mr. David Taylor of CDM, reported the Village may increase the vehicle weight restriction to no more than 20 tons from the current 16 tons only under certain conditions; such as, limiting passage of commercial vehicles to one vehicle at a time over the Bridge and reducing speed when crossing the Bridge, etc. The Ordinance also contains a provision for a waiver to the 20 tons vehicle weight capacity under certain conditions. These waivers are



## INDIAN CREEK VILLAGE, FLORIDA

not meant to circumvent the Ordinance provisions of maximum vehicle weight capacity of 20 tons and not for continuous loads to be brought to the Island.

7. At the February 21, 2012 Council Meeting a contract to replace the glass at the Access Command Center was awarded to Crystal Clear Glass, 1701 Banks Road, Margate, Florida in the amount of \$ 16,200. The contractor shall remove the existing bullet proof glass and install Level 4 Bullet proof glass in the existing frame. The glass windows are discolored, beginning to delaminate and there is evidence of severe cracking all of which restrict the vision of the police aide.

The command center renovation was completed on September 5, 2012. The new equipment is designed to filter sounds created by vehicles passing through security control.

An additional pan-tilt-zoom camera was installed and license plate identification cameras were upgraded to better assist staff with recognition of traffic and maintaining records of those entering and exiting the Village. New granite tops, cabinets, gate control devices, and monitoring equipment were installed as a portion of the upgrade, along with removal of extraneous wiring and antiquated equipment in the cabinet space immediately below the work station. New and improved intercom speakers were installed for monitoring and communication with pedestrian traffic approaching the bridge entry. All window frames, walls, and flooring were either painted or replaced during improvement of the process. The final cost is \$ 35,143.10.

### 8. SECURITY SERVICES SPECIAL ASSESSMENT APORTIONMENT

	<u>FY</u>	<u>Security</u>	<u>Law Enforcement</u>	<u>Total</u>	<u>Resolution</u>
A.	2011	97%	3%	100%	
		\$1,840,576	\$56,925	\$1,897,501	# 673
B.	2012	98.44%	1.56%	100%	
		\$2,124,082	\$33,661	\$2,157,743	# 686

### 9. EQUIVALENT RESIDENTIAL UNIT (E.R.U.)

	<u>FY</u>	<u>E.R.U.</u>	<u>RESIDENTS</u>	<u>ICCC</u>	<u>TOTAL</u>
			40.00	33.02	73.02
A.	2011	\$ 25,510.00	\$ 1,020,399	\$ 842,340	\$ 1,862,739
B.	2012	\$ 28,884.00	\$ 1,155,360	\$ 953,749	\$ 2,109,109
C.	2012	\$ 52,234.00	\$ 2,089,360 (1.)	0	\$ 3,814,123

ICCC: Delinquent \$ 842,340 (2011) + \$ 953,749 (2012) = \$ 1,796,089  
Residents paid the Club's Special Assessment





# **INDIAN CREEK VILLAGE, FLORIDA**

## **Major FY 2013 Budget Highlights**

1. For additional safety and security purposes a manual gate was installed at the entranceway walkway and a fence was added to keep pedestrians from walking in the exit traffic lane.
2. Ordinance # 208 passed on Second Hearing on February 19<sup>th</sup>, 2013 – An Ordinance of the Village Council creating Chapter 23, Public Property, in order to establish procedures and requirements related to Village Properties, including permitting procedures and regulations of assemblies and activities on Village properties.
3. Ordinance # 209 passed on Second Hearing on February 19<sup>th</sup>, 2013 – An Ordinance of Indian Creek Village amending Chapter 2 “Administration”, Article IV “Elections” by amending Section 2-283 “Election Board” revising procedure relating to the appointment of an election board at Village elections and election administration.
4. Resolution # 714 adopted April 17, 2013 consented to the acquisition of the Solid Waste collection and disposal Agreement from Choice Environmental Services, Inc. to Waste Services Florida, Inc.. The Village was notified September 6, 2013 that the company changed its name to Progressive Waste Solutions of Florida, Inc.
5. Village entered into a three (3) year contract with Witt|O’Brien, LLC to provide Disaster Debris and related Monitoring Services which ends April 30, 2016. The contract may be extended for two (2) additional year terms.
6. At the February 19, 2013 Council meeting Iron Sky representatives presented the proposed comprehensive perimeter security system. The Council unanimously passed a motion to proceed with the License Plate Recognition System as described in the December 13, 2012 and January 15, 2013 proposal at a cost of approximately \$ 63,000 plus miscellaneous expenditures such as permits, inspecting services, legal, etc.. Resolution # 713 adopted March 11, 2013 authorized the contract to be executed by the Village officials. The contract was executed May 1, 2013 by all parties. Project was started August 17<sup>th</sup> and completed and operational on September 6, 2013.

The fixed License Plate Recognition System (LPR) will capture the license plate of every vehicle entering and leaving the island. The system will alert police officers when a vehicle of interest attempts to enter the Village, allowing the Police Department to be more proactive in monitoring and responding to criminal elements as well as record all license plates for post-incident investigation.

A key requirement is the ability for police officers and authorized users to view LPR data and receive alerts on any computer on the Village’s LAN/WAN. By enabling more officers and personnel to view the LPR data without having to physically be on the roadways, the LPR system becomes a force multiplier and allows officers to\*01 more effectively respond to incidents and be proactive in how they provide services.



# **INDIAN CREEK VILLAGE, FLORIDA**

## **Major FY 2014 Budget Highlights**

### **Telecommunications System**

1. At the April 16, 2013 meeting the Village Council received a proposal from Atlantic Broadband Finance, LLC (ABB) to provide the island with a Network for TV, internet, telephone and fiber optic transport. Included as part of the System was the conduit and fiber optic required to service the proposed Village security camera surveillance system. The cost to the Village to implement this system was \$ 350,000. A resident's monthly cost will depend on the service level the resident chooses. Resolution # 719 adopted November 19, 2013 approved a ten-year agreement with ABB. The effective date of the Agreement is December 5, 2013.

The ten-year Agreement provides for the installation within the Village of all coaxial cable, fiber optic lines, internal wiring, amplifiers, converters, conduit and related equipment structures to make telephone, television, internet, broadband, and fiber optic services available for purchase by the property owners.

### **CHRONOLOGY**

1.	Resolution # 719: ABB / 10 Year Agreement approved	November 19, 2013
2.	Letter to Residents by Manager	November 20, 2013
3.	Second letter to Residents	January 22, 2014
4.	Groundbreaking	January 27, 2014
5.	Residents connecting	April 12, 2014
6.	Resolution # 727 (Borrowing)	May 18, 2014
7.	Resolution # 731 (Assessment)	August 26, 2014
8.	Amended Resolution # 731 (Lot X deleted)	September 15, 2014
9.	Resolution # 734 (Set Public Hearing date)	September 15, 2014
10.	Assessment Notice mailed to Residents (\$ 8,140)	September 19, 2014
11.	Public Hearing	October 21, 2014
12.	Final Resolution # 737	October 21, 2014
13.	Invoice mailed	October 23, 2014
14.	All invoices paid in full	December 23, 2014
15.	Connected (32)	June 8, 2016

ABB has designed, installed and will manage the Fiber Optic Transport Backbone for the Village that will deliver a managed network for Video, Internet, Telephone and Fiber Optic Transport which is available in South Florida. The Fiber Optic Transport Service Level Agreement (SLA) guarantees the highest level of uptime and fastest response time in the industry.

Every resident of the Village will have a Private Secure connection to the Fiber Optic Backbone that will deliver three paths of Fiber Optic connectivity.



## **INDIAN CREEK VILLAGE, FLORIDA**

1. Cable Services including all Television up to 225 channels, Telephone and Digital and Voice Internet options currently available over our Cable Broadband Network.
2. Fiber Optic Internet Access with speeds up to 1 Gigabit symmetrical per second.
3. Fiber Optic Transport to any location on the Atlantic Broadband Fiber Optic network including Village Hall.

According to ABB, the company has the fastest most redundant Fiber Internet Access available in our service area. The diverse 10 GBPS paths to our down stream providers AT&T and Level 3 as well as Google's Akamai Content Delivery Servers in our Head End provide unsurpassed reliability and the lowest latency to the internet. The Fiber Optic Transport include connectivity to NAP of the Americas with the most advanced infrastructure and managed service offerings in South Florida that deliver the scale, security, and reliability necessary to meet the demanding requirements of Enterprises and Governments around the world.

With this 1 Gigabit Internet service from ABB, the residents have the ability to stream five High Definition (HD) movies simultaneously or download 25 songs in one second, as well as provide them with the ability to use multiple devices such as smartphones, laptops, and tablets, at the same time without sacrificing speed. Unique to ABB, the company's Gigabit service has no usage caps so customers can take full advantage of the tremendous speeds without any usage limitations. Additionally, the 1 Gigabit Internet service bundles include more than 350 channels, TiVo's multi-room DVR platform with access to Netflix content, and unlimited local and domestic calling for up to four phone lines.

Construction of the system began January 27, 2014. The Permit was issued January 24<sup>th</sup>. Residents were able to connect by June. The project was completed when the third and final \$ 100,000 payment was made to ABB August 5<sup>th</sup>, 2014. The cost for this system was paid by the residents and ICCC by a special assessment of \$ 8,140 per parcel. As of April 15, 2018, thirty-two residents and ICCC are connected to the system.

In November 2013 Council adopted Resolution # 719 approving a \$350,000 loan for the Telecommunications System. The costs are broken down as follows: \$ 263,689 (ABB), \$ 36,311 (Iron Sky) installation of infrastructure for future island perimeter security camera system and \$ 50,000 for soft costs connected with the project. In order to repay the funds borrowed from the Village Enterprise Funds (Resolution # 727) by December 31, 2015, a special assessment of \$ 8,140 has been added to the FY2015 budget. All assessments were paid by the end of the year.



# **INDIAN CREEK VILLAGE, FLORIDA**

## **Summary of Borrowings from Utility Accounts**

<b>Fiscal Year</b>	<b>Date</b>	<b>Stormwater</b>	<b>Water</b>	<b>Total</b>
FY2014	06/30/14	\$ 227,000	\$ 0	\$ 227,000
	08/31/14	\$ 38,000	\$ 0	\$ 38,000
	09/30/14	\$ 0	\$ 50,000	\$ 50,000
	09/30/14	\$ 0	\$ 400,000	\$ 400,000
FY2015	10/08/14	\$ 0	\$ 100,000	\$ 100,000
	10/16/14	\$ 0	\$ 100,000	\$ 100,000
	12/23/14	(\$ 265,000)	\$ 0	(\$ 265,000)
FY2016	03/23/16	\$ 0	(\$ 450,000)	(\$ 450,000)
FY2017	07/17/17	\$ 0	(\$ 200,000)	(\$ 200,000)
Balance		\$ 0	\$ 0	\$ 0

Total Borrowed	\$ 915,000
Total Repaid	\$ 915,000
Balance Remaining	<u>\$ 0</u>

	<b>Stormwater</b>	<b>Water</b>	<b>Total</b>
Interest Paid	\$ 1,402.00	\$ 17,315.07	\$ 18,717.07
Interest Paid	\$ 0.00	\$ 11,071.04	\$ 11,071.04
	<u>\$ 1,402.00</u>	<u>\$ 28,386.11</u>	<u>\$ 29,788.11</u>

## **Miami-Dade County School Exemption from Concurrency Requirements**

- At the time of the Evaluation and Appraisal Report of the Comprehensive Plan the Village is required to assess the extent to which it continues to meet the criteria for exemption under 163.3177 (12), F.S.

The Village is exempt from the requirements of Chapter 163.31777(1)(a), Florida Statute to the Interlocal Agreement for Public School Faculty Planning in Miami-Dade County because no Miami-Dade Public School buildings are within the jurisdiction limits of the Village. At the present time no school facilities are anticipated to be located within the Village over the next few years. This information was submitted to the Florida Department of Economic Opportunities.

The Village was granted an exemption from 2003 in a letter dated March 11, 2003 from the Miami-Dade Public Schools.



## **INDIAN CREEK VILLAGE, FLORIDA**

The same exemption was granted in accordance with Chapter 163.31777 of the Florida Statute in a letter dated April 14, 2014 from the School District. This letter was made part of the minutes of the April 22, 2014 Village Council Meeting.

The Florida Department of Community Affairs in a letter dated January 23, 2008 granted an exemption at the request of the Village from the implementation of a School Management System.

### **Exemption Letter**

1. March 11, 2003
2. January 23, 2008
3. April 14, 2014

### **Council Meeting**

- March 27, 2003  
March 24, 2008  
April 22, 2014

### **Stormwater Project**

3. The third phase of the Stormwater Improvement Program was initiated May 28, 2013 with the execution of a contract between FloTech Environmental LLC at a cost of \$ 38,901. The contract provides for the inspection of all lines by closed circuit television and clean and dispose of sediments, silts, roots and other debris found in the lines. The project was started June 26<sup>th</sup> and completed by July 5<sup>th</sup> at a cost of \$ 38,901.

A second contract in the amount of \$ 64,118 was authorized by Resolution # 716 approved at the September 11, 2013 Council Meeting. The contract was executed September 18, 2013. The project started November and the majority of the work was completed by April except for lot # 16 where the liner had to be reinstalled because of a left in the folded liner.

### **DRC Emergency Services, LLC**

4. The Agreement is "piggybacked" off the competitively bid agreement of the City of North Miami, Florida (IFB # 23-10-11). The contract provides for the firm to be on standby and have the responsibility to clean up Indian Creek Island Road and 91<sup>st</sup> Street extension from falling trees, branches debris that has fallen onto the road after a storm event.

The initial term of this Agreement shall be a period of three (3) years commencing on June 1, 2011, unless terminated earlier by either Party. The Agreement may be extended for an additional three (3) years, on a year-by-year basis, providing the Parties agree in writing to exercise this option. The contract will terminate May 31, 2017.

### **Evaluation and Appraisal Report Amendments to Comprehensive Plan**

5. The Village is required to submit its adopted Evaluation and Appraisal Report (EAR) to the Florida Department of Economic Opportunity by 2012 which will assess progress in implementing the Comprehensive Plan. This report is required every seven (7) years.

Resolution # 681 adopted February 15, 2011 authorized the Village Manager to retain the planning firm of Bell David Planning Group to prepare the report. The contract was executed February 18, 2011. The Village submitted its Letter of Determination regarding these amendments to the Florida Department of Economic Opportunity (DEO) on November 27,





## **INDIAN CREEK VILLAGE, FLORIDA**

2012. On December 5, 2012, DEO provided the Village with a letter acknowledging receipt of the Letter of determination, and stating that the amendments based on the evaluation and review should be transmitted to the State and review agencies by December 2013.

The Village authorized transmittal of its proposed amendments through first reading of Ordinance # 211 on November 19, 2013 and adopted the amendments on second reading on December 17, 2013. The State DEO issued a Notice of Intent to find the Village in compliance on June 21, 2014.

### **Major FY 2015 Budget Highlights**

1. Land Development Regulations, Ordinance # 215 adopted on May 5, 2015 updated the Regulations to clarify language, deleted obsolete words or Sections, updated definitions and site development regulations.

2. **Village Hall / Police Station Renovations**

The Village Hall was opened on December 21, 1999. Improvements to the administrative offices were made in 2003. The Command Center was renovated in 2012.

Resolution # 739 adopted October 21, 2014 approved interior renovations to Village Hall and Police Station. Phase Two was approved by Resolution # 744 adopted May 5, 2015 which provides for the installation of new kitchen cabinets, a new safe armory, complete room renovated and new lockers for the Police Officers.

### **Police Department**

The Police Department Squad Room was completely renovated. All furniture and partitions were removed from the area and replaced with new drywall partitions and millwork faced with laminate. The interior of the cabinets are constructed of solid maple wood frames with the laminate veneer secured to the exterior surface. All shelving is enclosed in cabinets with double doors.

The vinyl tile floor was replaced with a durable full porcelain material. The area was repainted. Six work station configurations were constructed to accommodate shared facilities for Patrol Officers, Sergeants and Captains. All work spaces are an open area concept with all officers facing the entrances. New furniture was purchased for the Police Officers.

### **Council Chamber**

The Council Chamber dais is constructed of a similar maple wood construction with the exception that the face material will also be natural maple to match the existing west wall unit of the chamber. The configuration of the dais is similar to the existing configuration with a larger work desk area and enhanced leg room. The desks top will be constructed of granite stone, to match the counter in the chamber. A larger work station for the Village Clerk was constructed.



# **INDIAN CREEK VILLAGE, FLORIDA**

## **Exterior Paint Project**

The exterior and roof of the Village Hall was pressure cleaned, patched, and painted and windows were re-caulked.

## **PHASE TWO**

Resolution # 744 adopted May 15, 2015 authorized the replacement of the kitchen cabinetry and a new safe for rifles and ammunition. The old lockers were replaced with larger lockers. The computer server room was expanded, updated, modernized and integrated with the Edge 360 (PSIM) project. A battery backup system replaced the low capacity system. In addition the following improvements were made to the computer system:

### **Computer Room Reconfiguration and Modernization**

The Project consists of updating, modernization and reconfiguring our computer room.

1. Rearrange and redistribute power capacity of computer room and front desk.
2. Remove unnecessary and obsolete cabling and clutter.
3. Install higher output outlets.
4. Boost signal strength inside the building.
5. Replace system with new wireless Avaya IP System.
6. Rewire network infrastructure.
7. New power distribution units to the new computer racks.

3. **Physical Security Information Management System (PSIM)** – The Village has several different security systems in the Dispatch Center to monitor and manage who and what enters the island, both from land and water. None of the systems are integrated with each other and the visitor management process is time-consuming. Resolution # 738 adopted October 21, 2014 authorized the Agreement with Edge 360° to install the PSIM.

The plan is to install a Physical Security Information Management (PSIM) system solution that will:

- Integrate nearly all of the different systems into a single interface
- Automate many of the individual processes and eliminate operator involvement
- Significantly improve the Visitor Management process

4. **29' Boat Defiant** – At the May 5, 2015 Council meeting the Village Manager reported the Village is looking to purchase a vessel for marine patrol. Resolution # 747 adopted May 26, 2015 authorized the purchase of 29' Defiant from Metal Shark Boats LLC at a cost of \$ 290,000. The expenditure was charged to the Forfeiture Fund. Delivery was December 11, 2015 and the vessel became operational December 15, 2015.



# **INDIAN CREEK VILLAGE, FLORIDA**

## **Major FY 2016 Budget Highlights**

### **1. Comprehensive Public Safety Records Management System**

The new Report Writing Software will replace the 20-year-old system that is currently being utilized by Village Officers. The old system, COPNET, is obsolete and the company it was purchased from no longer supports the product. Should the system go down our ability to generate Offense Incident Reports would be impossible without resorting to the old and out dated paper system!

The new product is created by USA-Software, a local South Florida company, that has been in existence for fifteen years. This company supplies its software based upon the state bid process.

The product will provide the police officers with modern report writing forms as well as a Traffic Crash State of Florida report form. Two additional components on the system we are purchasing include a Field Interrogation Form and a standard Miami-Dade County Property receipt form. As technology advances and the State of Florida mandates more use of electronic methods of storing and transmitting data this system has the capability of adding those components should the need arise.

At the September 29, 2015 Council meeting Resolution # 750 was adopted approving the Comprehensive Public Safety Records Management System at a cost of \$ 15,807.00.

## **Major FY 2017 Budget Highlights**

### **1. Planning and Zoning Consulting**

Resolution # 764 adopted February 21, 2017 authorized a contract for Planning and Zoning Consulting Services between Indian Creek Village and Calvin Giordano and Associates, Inc. which includes General Planning Services but are not limited to: site plan review, variance requests, research, special reports or studies and any other requests made by the Village Manager.

### **2. Short Term Borrowing**

Resolution # 727 adopted Short Term borrowing March 18, 2014 authorize the borrowing of \$ 1.2 millions during FY 2014 for the financing of the Telecommunications System, the Bridge Project and Legal Services. The actual borrowing was \$ 915,000. The Funds were borrowed from the Stormwater Utility Fund and the Water Utility Fund.

The Telecommunications System \$ 350,000 was repaid to the respective funds from a special assessment on December 23, 2014. Funds were paid in 2014, 2015 and the loan was fully paid in 2017.



## **INDIAN CREEK VILLAGE, FLORIDA**

### **3. Permit Fees**

Adopted September 6, 2016 increased the Master Permit applications for building, mechanical, electrical and plumbing fees have been increased to 4% from 3% for new buildings or additions and other improvements. The fees shall not be less than \$ 350,00 per square feet for areas under air conditioning and \$ 175,00 for all other areas.

# **FORFEITURE FUND**



**Indian Creek Village**  
**Proposed Budget - Fiscal Year 2018**  
**Forfeiture Fund**

Description	FY2016 Actuals	Actuals 06/30/17	FY2017 Adopted	FY2018 Proposed	variance
FUND BALANCE RESERVE	\$227,974	\$235,751	\$182,040	\$135,000	-25.8%
FORFEITURE FUNDS	\$244,414	\$15,777	\$0	\$0	0.0%
INTEREST INCOME	\$539	\$323	\$1,500	\$1,500	0.0%
<b>Total Revenues</b>	<b>\$472,927</b>	<b>\$251,852</b>	<b>\$183,540</b>	<b>\$136,500</b>	<b>-25.6%</b>
CONTRACT SERVICES - INFO TECHNOLOGY	\$16,000	\$12,000	\$16,000	\$16,000	0.0%
CONTRACT SERVICES - ACCOUNTING & AUDITING	\$2,125	\$6,375	\$8,500	\$8,500	0.0%
RENTALS & LEASES - TASK FORCE VEHICLE	\$9,778	\$11,609	\$14,000	\$23,220	65.9%
SAFE NEIGHBORHOOD	\$16,610	\$4,410	\$25,000	\$20,000	-20.0%
MISCELLANEOUS	\$30	\$0	\$0	\$0	0.0%
UNIFORMS	\$7,935	\$3,116	\$10,000	\$5,000	-50.0%
LEO AWARDS	\$0	\$0	\$2,000	\$2,000	0.0%
MIAMI DADE CHIEF'S ANNUAL AWARD CEREMONY	\$2,973	\$0	\$3,000	\$3,000	0.0%
DUES & SUBSCRIPTIONS	\$0	\$2,159	\$500	\$2,500	400.0%
EDUCATION & TRAINING	\$6,820	\$1,150	\$10,000	\$5,000	-50.0%
MARINE VESSEL UPGRADES	\$0	\$1,104	\$10,000	\$6,500	-35.0%
SECURITY SYSTEM - RENEWAL & REPLACEMENT	\$63,458	\$11,188	\$45,000	\$10,280	-77.2%
COMPUTER EQUIPMENT	\$11,191	\$5,058	\$6,000	\$10,000	66.7%
POLICE EQUIPMENT	\$29,685	\$4,886	\$15,000	\$5,000	-66.7%
COMMAND STAFF VEHICLES	\$22,080	\$17,211	\$18,540	\$19,500	5.2%
CAPITAL OUTLAY - BUILDING RENOVATIONS	\$48,490	\$0	\$0	\$0	0.0%
<b>Total Expenditures</b>	<b>\$237,176</b>	<b>\$80,265</b>	<b>\$183,540</b>	<b>\$136,500</b>	<b>-25.6%</b>
<b>Excess Revenue/Expenditures</b>	<b>\$235,751</b>	<b>\$171,587</b>	<b>\$0</b>	<b>\$0</b>	

# **STORMWATER UTILITY**

**Maintain Surface and Stormwater  
Drainage Systems in a safe,  
effective, and efficient operating conditions**

**The Stormwater Utility Fund  
accounts for the financial operative of the  
stormwater transmission lines**

As mandated by the U.S. Environmental Protection (EPA) and the State Department of Environmental Protection (DEP), the Village must participate in the National Pollutant Discharge Elimination System (NPDES) by controlling stormwater running into its system. The drainage system is 482,118 square feet. The program is designed to improve water quality through the implementation of a series of program initiatives.

Ordinance #109 was adopted March 4, 1997 creating the Stormwater Utility Fund which funds the operation and the maintenance and repair to the system. Section 6-104 was amended by Ordinance #119 on June 11, 1999. These Ordinances ensure funds are dedicated each year for the stormwater management program to fulfill all requirements of the NPDES stormwater permit. Ordinance # 123 was adopted February 15, 2001 provides the Village legal authority to control discharges to the Municipal Separate Storm Sewer System (MS4s) in order to control the quality of discharges from the Storm Sewer System to Biscayne Bay. The first permit was issued in February of 1998.

Resolution # 431, approved June 11, 1999, adopted the "runoff" method to determine the annual stormwater utility fee. This method combines impervious and pervious areas into a more general measure of runoff. The fee is calculated by multiplying the unit charge by calculating runoff volumes. The runoff volume to which this rate is applied varies from one property to another, based on the area of the parcel and the split between pervious (i.e. unpaved) and impervious (i.e. paved) area within the property. This information is updated annually.

The fee for fiscal year 1999 was \$ 1,148 per acre feet per day. That rate generated about \$ 50,000. The rate was subsequently increased to \$ 5,740 per acre-feet per day by Resolution # 523 adopted September 23, 2002 effective for fiscal year 2003. The 2004 rate was reduced to \$ 4,385 per acre-feet per day in 2003. The fee has remained the same since 2004. The presente rate generates about \$ 180,000 per annum.

A large percentage of the Village's requirements have been assigned to the County via an Interlocal Agreement. The Agreement is approved by Resolution. However, there are certain requirements that remain the Village's responsibilities including the submittal of an annual NPDES report to Miami-Dade County.

The system consists of approximately 6,610 lineage feet of pipe or 1.25 miles ranging in size from 8" to 36" of ductile iron line pipe, along the roadway on the golf course, forty-seven (47) catch basins, twelve (12) outfalls, seven (7) headwalls, three (3) manholes, three (3) grated inlets, two (2) channel inlets, one (1) concrete weir and one (1) pollution control box.

### **Stormwater Pollution Prevention and Management Programs**

The Stormwater Management Program (SWMP) includes pollution prevention measures, treatment or removal techniques, stormwater monitoring, use of legal authority, and other appropriate means to control the quality of stormwater discharged from the MS4. Controls and activities in the SWMP shall identify areas of permittee jurisdiction. The SWMP shall include controls necessary to effectively prohibit the discharge of non-stormwater into the MS4 and reduce the discharge of pollutants from the MS4's to the Maximum Extent Practicable.

Planned system maintenance and improvements include the following:

1. The collection system is inspected monthly and the manholes (3) and the weir (1) are inspected annually by the staff. During rainfall the staff clears the storm grates of debris and checks for blockages.
2. Central Plumbing-W.S. Company is contracted to clean and inspect the pollution control box at Lot # 25 quarterly and the VAC-Tron is utilized annually.
3. Miami-Dade County annual performs the historical monitoring and analysis of the Stormwater System in accordance with Resolution # 760 adopted May 23, 2017.
4. As indicated in the NPDES MS4 permit, it is required that municipalities inspect a minimum of 10% of the total number of pipelines each year. The objective is for all pipes to be inspected at least once over two consecutive permit cycles (every 10 years).
5. The collection system is cleaned and videoed at least every 7 years. The system was inspected and videoed June 26, 27 and 28 and July 1, 3 and 5, 2013. Repairs were completed in FY 2014. Previous inspections and repairs were completed in 2006, 2010 and 2013. A planned inspection and repair is scheduled for late 2019.
6. Wednesday weekly street sweeping, is under contract with Star Cleaning USA, Inc. at a cost of \$ 280 per week is performed in accordance with the terms of the Letter Agreement dated October 11, 2005. The street sweeping program helps remove debris from curbs and roadsides that would otherwise go into the storm drains and cause water pollution. It also keeps catch basins and storm drains clean and functional.

6. All contractors hired to apply pesticides, herbicides and fertilizers are certified and licensed through the Florida Department of Agriculture and Consumer Services (FDACS) and the Green Industry BMP Program.

- \* Power X
- \* Signature Estate Preservation

7. Our Standard Operating Procedures (SOP) were completed June 19, 2012 by our Engineer, CDM Smith, within year (June 21, 2011 - June 21, 2012) per the National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer (MS4) requirements of the Florida Department of Environmental Protection (FDEP) Permit No. FLS00000-003. The procedures were reviewed and additions made January, 2016.

8. Management Fee charges to the General Fund include expenditures for the administrative services provided by the Village employees to the Stormwater Utility Fund. These services include the work required to meet the requirements of the NPDES. The services includes accounting and external audit, annual billing and collection, inspection, debris and litter patrol, grantsmanship, record keeping, building and code compliance, customer information service, training, engineering and inter-governmental relations and maintenance and repair to the system.

### **PERMIT AND INTER-LOCAL AGREEMENT (CYCLE 3)**

#### **Permit**

1. The Municipal Separate Storm Sewer System (MS4s) (PERMIT) was issued December 17, 2017 and expires on December 20, 2022. DEP Permit Number FLS 000003-004. The Permit is to discharge stormwater from the (MS4's) located within the County. The Permit covers all areas located within the political boundary of the County.

#### **Inter-Local Agreement**

2. The County adopted Resolution R-1032-12 authorizing the (INTERLOCAL AGREEMENT) between the County and the Co-Permitees (Indian Creek Village) dated October 1, 2017. Village Council Resolution # 768 adopted May 23, 2017 approved the Agreement. Interlocal Agreement has a five (5) year term from October 1, 2012 to September 30, 2022 (Cycle 3).

The Agreement specifies that the Miami-Dade County perform water quality sampling, and monitoring, laboratory analysis, data evaluation and compilation of the water quality annual report on behalf of its co-permitees.



**MIAMI-DADE COUNTY INTERLOCAL AGREEMENTS**

<b><u>RESOLUTION</u></b>	<b><u>DATE:</u></b>	<b><u>FROM:</u></b>	<b><u>CYCLE</u></b>	<b><u>EXPIRES</u></b>
1. 465	September 26, 2000			November 16, 2000
2. 480	February 23, 2001			November 16, 2005
3. 588	September 8, 2005	November 17, 2005		November 16, 2012
4. 701	June 19, 2012	October 1, 2012		September 30, 2017
5. 768	May 23, 2017	October 1, 2017		September 30, 2022

**MUNICIPAL SEPARATE STORM SEWER SYSTEM MS4s PERMIT****FL Dept of Environmental Protection Permit: FLS000003-003-MAJOR FACILITY**

1. June 21, 2011 to June 20, 2017 (Cycle 3)
2. October 1, 2017 to September 30, 2022

<b><u>ORDINANCE</u></b>	<b><u>DATE:</u></b>	<b><u>PURPOSE</u></b>
1. 109	March 4, 1997	Creating Stormwater Utility
2. 119	January 11, 1999	Establishing Stormwater Fees
3. 123	February 15, 2001	Monitor / Correct Violations Discharges

**(COMPONENTS OF STORMWATER SYSTEM)**

1.	Miles of Storm sewer, pipelines and culvert	1,25 m or 6610 L.F
2.	Catch Basins	47
3.	Outfalls	12
4.	Headwalls	7
5.	Grated Inlets	3
6.	Manholes	3
7.	Channel Inlets	2
8.	Weir	1
9.	Pollution Control Box	1

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AUDITS FOR MS4s PERMIT**

1. September 15 - 16, 2003
2. May 24, 2010
3. September 12, 2016  
Cycle 3 - Year 4 - Round 2

### **CAPITAL IMPROVEMENTS**

The Stormwater System is improved by constant inspection and rehabilitation of the system. Benefits of the maintenance system will be the reduction of erosion of the soil due to leaks in and around the pipes, reduce the potential for pipe failure, enhance the system and ultimately reducing of the amount of debris and sediments discharging into Biscayne Bay.

More importantly, maintenance and repair will further demonstrate the Village's compliance with the National Pollutant Discharge Elimination System (NPDES) permit through the inspection and maintenance of the stormsewer system. Authorized by the Clean Water Act, a law giving the United States Environmental Protection Agency (EPA) the authority to implement pollution control programs to regulate pollutant discharges to U.S. waters, the NPDES program regulates point sources that discharge pollutants to surface waters. Point sources are discrete conveyance systems, such as the Village's storm sewer system.

**2005** - The Storm Water Improvement Project provided for the replacement of 400' of a 36" diameter storm water line at the north side of lot 25 with new 36 inch diameter reinforced concrete stormwater pipe, which outfalls into Biscayne Bay and an in-line pollution control box with screen and skimmer systems and turbulence detectors within the 15 foot wide drainage easement located at the east 15 foot of Lot 25, Indian Creek Golf Club island plat recorded in plat book 34, page 33, Miami-Dade County, Florida - at a net construction cost of \$ 68,900. The replacement was required because the pipe was failing at the joints, hydraulic exhaustion and structural degradation. Many of the joints have separated resulting in a leaking pipe; soil entering the piping causing the eroding of soil over the pipe. Resolution # 560 adopted April 22, 2004 approved the drainage installation, a 15 foot and the easement on the east side from the owner of Lot 25 and construction of the stormwater pipe plus a \$ 15,000 contribution from the owner. Project started in December and was completed by January 10, 2005.

**2006** - In accordance with the adopted 2006 Comprehensive Plan, the Village applied and obtained funding in the amount of \$ 250,000 from the South Florida Water Management District to improve and upgrade the surface and stormwater drainage system to a safe, effective and efficient operating condition (PHASE ONE). Resolution # 594 approved the Comprehensive Stormwater Improvement Program and authorizes the spending of the \$ 250,000 for a combined project cost of \$ 500,000. The engineering contract was executed January 26, 2006 for the preparation of plans and specifications. Two (2) bids were received and opened April 25, 2006.

The contract was awarded May 15, 2006 to EnviroWaste Services Group with the adoption of Resolution # 603 in the amount of \$ 390,000. A June 26, 2006 letter from the Engineer authorized the contractor to proceed. The project includes but was not limited to cleaning, video inspection, Cured-in-Place-Pipe (CIPP), sectional lining replacement, repair and waterproofing inlets and manholes, grouting, point repair, asphalt and site restoration and miscellaneous improvements to the system. Project reached substantial completion on March 23, 2007. Catch basin rehabilitation phase completed May 8, 2007. Final project construction cost was \$ 332,681.62. The above project was financed from the Stormwater Utility Fund. Project No. 15 CDM 10853-47797-007.

Hurricane Wilma damaged the stormwater line at the Indian Creek Country Club from catch basin # 29 to outfall # 11 for a distance of approximately sixty-one (61') feet. The line was replaced at a cost of approximately \$ 20,000 which was paid for by FEMA.

**2007** - Stormwater improvements were made to alleviate flooding on Indian Creek Island Road. A section of pipe was repaired because three (3) leaks developed near catch basin # 11. The stormwater line was extended to alleviate the standing water near catch basin # 10 at a cost of \$ 9,258.75.

**2008** - Between July 17, 2008 through August 4, 2008, Central Plumbing - W.S. Company performed repairs to System at a cost of \$ 14,141.25. The pipe between the two catch basins on Lot # 16 had three leaks that were repaired. The first two leaks were located 15' and 19' from the catch basin between lots 16 & 17 and was found to have no hub at all with a 3" gap, 3/4 of the circumference.

**2009-10** - Phase Two of the Comprehensive Stormwater Improvement Program was approved with the adoption of Resolution # 645 at the March 4, 2009 meeting. The resolution authorized the execution of a contract with EnviroWaste Services Group, Inc. in the amount not to exceed \$ 150,000. The project includes but was not limited to 47 lines (6,610 s.f.) storm drain cleaning, video inspection, CIPP and sectional lining, replacement, grouting, point repair, repair and water proofing of inlets, outlets and manholes, asphalt and site restoration and miscellaneous improvements to the system. The cleaning and inspection of the system began April 16, 2009 and was completed July 15 at a cost of \$ 46,437. The construction cost was \$ 117,478.

**2011** - Repair project at Lots 33 - 34.

## **Stormwater Utility Fund**

**Fiscal Year 2018**

**2012** - Flo-Tech Environmental LLC was authorized to begin August 23, 2012 to inspect, survey, clean / desilting of collection structures, manholes and outfalls prior to Tropical Storm Isaac at a cost of \$ 8,501. Work was completed by the 29th.

**2013 - 14** - PHASE THREE of the Comprehensive Stormwater Improvement Program was approved with the contract being executed May 5, 2013 to inspect the Stormwater System by means of closed circuit television and clean and dispose of sediments, silts, roots and other debris found in the line by FloTech Environmental LLC at a cost of \$ 38,901. The project was started June 26th and was completed by July 5th.

**2015 - 16** - FloTech was retained to investigate the sand and subsequent blockage of Outfall No. 1 located on the Northeast Corner of Lot # 5. The issue originated at Outfall No. 1 and goes up to ... No. 1. The contractor was requested to clean remove blockage, and Closed Circuit Television (CCTV) the line. The cost is \$ 3,995.00 for the above work. The total length of the project is approximately 500 feet.

A second contract was approved by Resolution # 716 adopted September 11, 2013 in the amount of \$ 64,118 to repair portions of the system based on the above project.

### **STORMWATER IMPROVEMENT**

**2005 - 2016**

<b><u>FINANCIAL SUMMARY</u></b>					<b><u>GRANTS</u></b>
1.	FY 2005	Lot # 25	\$	83,900.00	\$ 15,000
2.	FY 2006	Project I	\$	332,681.00	\$ 250,000
	FY 2006	ICCC Line	\$	20,000.00	\$ 20,000
3.	FY 2007	Lot # 25	\$	9,528.00	
4.	FY 2008	Lot # 16	\$	14,141.00	
5.	FY 2010	Project II	\$	164,000.00	
6.	FY 2011	Lot # 33-34	\$	39,884.00	\$ 22,303
7.	FY 2013	Project III	\$	103,070.00	
8.	FY 2016	Project IV			
<b>TOTAL:</b>			<b>\$</b>	<b>767,204</b>	<b>\$ 307,303</b>
<b>NET COST:</b>			<b>\$</b>	<b>459,901</b>	

**2016** - Mosquito Control - During the month of August the Village contracted a contractor to treat all 47 catch basins with the Summit. Dunks to alleviate the spread of the Mosquito West Nile virus. A portion of our Stormwater System is flushed by tidal action. The County reported a trap is in the immediate vicinity and is monitored on a weekly basis. The count is below any action threshold.



**1. TOTAL MAXIMUM DAILY LOAD (TMDL) - NO WATER BODIES**

In a letter dated April 17, 2012 the Florida Department of Environmental Protection stated the Village Total Maximum Daily Load (TMDL) Priority Action Report dated April 11, 2012 is approved. The Village report was sent in a letter dated April 11, 2012 indicating no water bodies with adopted TMDLs that our MS4 discharge into, either directly or indirectly. The Village does not need to submit the TMDL Monitoring and Assessment Report. This was confirmed by an e-mail dated April 7, 2015, from Michelle Bull, FDEP.

**2. ODOR INVESTIGATION**

Retained the services of Hydrologic Associates USA, Inc. and PEAR Inc. to investigate the odor coming from the Stormwater System. DERM is investigating to determine the cause of the odor.

In a letter dated April 12, 2014 addressed to Mr. John Montgomery, President, Indian Creek Country Club from the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (DERM) has reviewed the Reports from the ICCC and the Village received on June 20, 2014 and September 30, 2014 respectively, along with the Limited Soil and Groundwater Sampling Report dated September 11, 2014 and was submitted by PEAR Inc. on behalf of the Village of Indian Creek.

DERM finds that the information provided in the above mentioned reports, does not support a conclusion that the elevated ammonia and hydrogen sulfide concentrations documented in groundwater and the nuisance odors detected on the western portion of the island are the result of an illegal discharge; additionally, the reports describe geochemical and geological characteristics in the subsurface environment that are conducive to the formation of ammonia and hydrogen sulfide through natural biochemical processes.

**STORMWATER RATES**

Ordinance # 119 adopted June 19, 1999 adopted fees to plan, construct, operate and maintain the local stormwater system in accordance with Florida and national regulations.

<b><u>RESOLUTION</u></b>	<b><u>Date:</u></b>	<b><u>Rate (per acre-feet per day)</u></b>
1. 431	June 11, 1999	\$ 1,148
2. 523	September 23, 2002	\$ 5,740
3. 544	September 29, 2003	\$ 4,385

**Surfside Agreement**

The Village Council adopted Resolution # 494 dated June 26, 2001 and authorized the Mayor to execute the Settlement Agreement dated July 11, 2001, which provides for specific improvements to Surfside Boulevard (91st Street) at a cost to the Village not to exceed \$ 150,000. The project is to improve drainage, enhance safety and beautify the Boulevard. Both municipalities agreed to amend Section 7 on the Settlement Agreement to reflect that Surfside has made and continues to make certain improvements to the public right-of-way of Surfside Boulevard in lieu of those improvements set forth for the Project in Section 7, and to modify the payment schedule for Indian Creek to pay and reimburse Surfside for the Project costs. The municipalities acknowledge and agree that Surfside has or will make the following improvements to the public right-of-way of Surfside Boulevard; phased utility upgrades, drainage improvements, traffic calming devices and improvements, and beautification and landscaping along Surfside Boulevard including placing the overhead utility wires underground. Indian Creek shall be responsible to pay and reimburse Surfside the total amount of \$ 150,000 for the Project.

The first payment in the amount of \$ 100,000 was made February 28, 2013. The second and final payment in the amount of \$ 50,000 shall be due and payable by Indian Creek to Surfside upon the completion of the beautification project by the Town of Surfside.

Resolution # 710 adopted February 19, 2013 authorized the amendment to the 2001 Settlement Agreement.



# INDIAN CREEK VILLAGE

## STORMWATER INFRASTRUCTURE EVALUATIONS

### March 10, 2016

The Village cleans and inspects its stormwater infrastructure in accordance with the frequency and requirements set forth in its National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit (Permit No. FLS000003-003 issued on June 21, 2011 Stormwater Management Program Table II.A.1.a - Inspection and Maintenance Schedule for Structural Controls and Roadway). Rehabilitation work has been performed on some of its structures when warranted. The information gathered over time on the stormwater structures have been completed by different contractors and have not been cataloged in one central location. The goal of the Village's stormwater evaluation program is to evaluate and catalog the Village's stormwater structures in one location to incorporate historical data with existing conditions.

The following paragraphs discuss the Village's stormwater components.

### **Pollution Control Boxes**

Pollution control boxes are a group of best management practices (BMPs) that usually are installed underground and are contained within some type of housing, such as a box or vault ([www.dep.state.fl.us](http://www.dep.state.fl.us)). The Village has one pollution control box that is inspected and maintained by a Village Contractor. Visual inspections and manual cleaning are performed on a quarterly basis. A vacuum truck is used to clean the pollution control box once a year. Cleaning pollution control boxes reduces the amount of debris/trash that can be transported downstream and maintains system conveyance.

### **Pipes/Culverts**

Storm sewer pipelines and culverts help to convey stormwater to the appropriate treatment and discharge structures. The Village has approximately 1.25 miles of storm sewer and culvert pipes that are inspected, cleaned, and maintained by a Village Contractor. This activity uses a high pressure water jetter inserted into the pipeline to flush debris to an access point for removal followed by closed circuit television (CCTV) inspections. Inspections and cleaning are currently performed such that 100% of the Village's pipelines are inspected every 10 years, in accordance with the NPDES permit. Flushing pipelines and culverts remove trash/debris that may contribute to water quality issues and could potentially create a blockage of stormwater conveyance.

### **Weirs**

Weirs are structural components of the Village's stormwater system that retain/detain stormwater and controls discharge elevations and rates. The Village has one weir, shown in **Photo 1** that is inspected daily by Village staff. Maintenance activities are performed on an as-needed basis by a Village contractor.



**Photo 1: Weir 1**

## **Outfalls**

Stormwater outfalls are used to discharge the stormwater from the Village into Biscayne Bay. The Village has 12 outfalls that are inspected using CCTV in conjunction with the storm sewer pipes in the Village. In addition to video inspections, monthly visual inspections are conducted by Village staff. **Photo 2, Photo 3 and Photo 4** illustrate separate outfalls in the Village. The inspection and maintenance of stormwater outfalls assures that the outfall is in good working condition and stormwater is flowing properly. Inspection activities include checking that the pipe is not clogged with debris or sediment, there is no seepage around the pipe, and/or the bank around the outfall is not eroded. Maintenance activities are performed to maintain conveyance as needed by a Village contractor. Typical maintenance activities include removal and proper disposal of debris and/or sediment, repair of structural damage, and inspection to verify that discharge does not cause erosion and sedimentation.





**Photo 2: OF 2**



**Photo 3: OF 4**



**Photo 4: OF 15**

## **Inlets/Road Grates/Catch Basins/, Headwalls and Manholes**

Storm sewer inlets, road grates or catch basins are components of the storm sewer system that serve to safely collect and convey stormwater. Headwalls are often installed at some of the referenced structures to control erosion and prevent adjacent soil from entering into the structure. The Village has 5 inlets (2 channel inlets and 3 grated inlets each with a headwall), 47 catch basins (2 with headwalls) and 3 manholes. **Photo 5, Photo 6, and Photo 7** illustrate a channel inlet with a headwall, a catch basin, and a grated inlet with a headwall, respectively. The inlets and catch basins are inspected on a daily basis. Two of the Village manholes are on private property and are inspected periodically by Village staff. The other manhole, MH-1C is inspected in conjunction with the pipes and outfalls. The inspections and cleaning of the grates exterior are performed by Village staff. Any additional maintenance activities required to the structure's interior are performed as needed by a Village contractor. Cleaning the inlets and grates helps stormwater to enter the system and includes removing sand, silt, and debris from the manholes and sedimentation chamber of the catch basins. Accumulated trash and other debris in the catch basins or manholes could potentially create a blockage reducing conveyance. Such blockages and/or structural deficiencies will allow standing water in the catch basins and/or manholes. The inability for water to flow is a potential cause for a system overflow and/or flooding in the surrounding area.





**Photo 5: Channel Inlet 1 with Headwall**



**Photo 6: CB-3**



**Photo 7: Grated Inlet 5A with Headwall**





Stormwater Structures	
Catch Basins (CB)	47
Outfalls (OF)	12
Headwalls	7
Manholes (MH)	3
Weirs	1

- Legend**
- Headwall
  - Catch Basin
  - Repaired Catch Basins (2007)
  - Storm Sewer Manhole
  - Repaired SSPs (2006)
  - Repaired SSPs (2009)
  - Repaired SSPs (2013)
  - Repaired SSP (2015)
  - Replaced SSPs (2005)
  - Replaced SSPs (2006)
  - Replaced SSPs (2011)
  - Storm Sewer Pipes (SSPs)



Notes:  
 1. Private outfalls not shown.  
 2. Features shown are for illustration purposes only.

Source Data:  
 Parcels - Miami -Dade County GIS  
 Aerial Imagery - FDOT (2012)  
 Pipe Information - FloTech Environmental, LLC.  
 CCTV Inspections, June-July 2013



# INDIAN CREEK VILLAGE

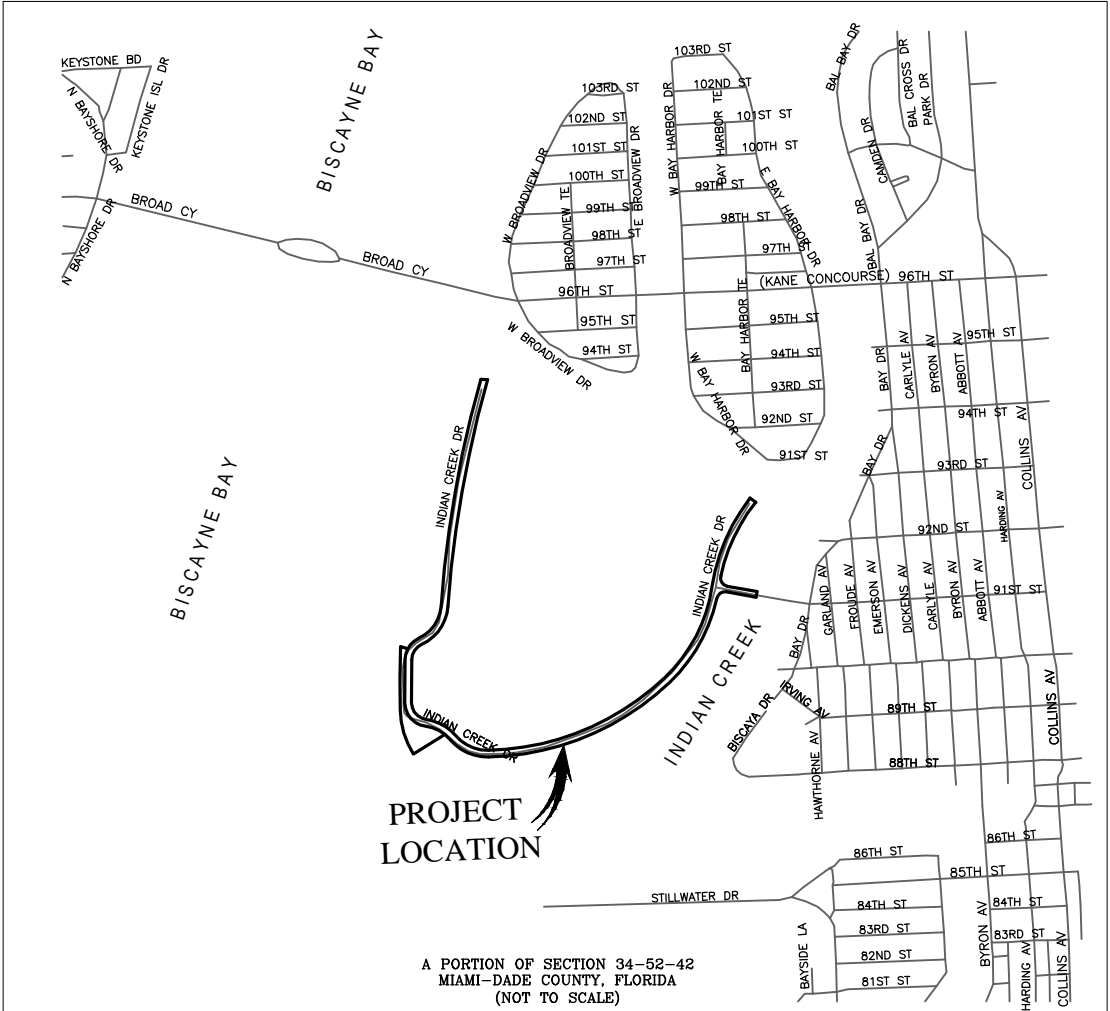
## DRAINAGE & CATCH BASIN APRON IMPROVEMENTS

MIAMI-DADE COUNTY, FLORIDA  
STANTEC PROJECT NO. 215613057

### INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
C00	COVER
C01	GENERAL NOTES
C02	KEY SHEET
C03 - C09	DRAINAGE PLANS
C10	CONSTRUCTION DETAILS

DEVELOPED FOR:  
**INDIAN CREEK VILLAGE**  
9080 Bay Drive  
Indian Creek, FL 33154



LOCATION MAP

MARCH 06, 2014

.....APPROVALS.....			
AGENCY	SUBMITTAL DATE	APPROVAL DATE	PERMIT NUMBER



**Stantec**

901 Ponce de Leon Blvd. Suite 900  
Coral Gables, Florida, 33134  
Tel. 305-445-2900  
Fax. 305-445-3344  
www.stantec.com

APPROVED BY

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CARLOS M. HERDOCIA  
REGISTERED ENGINEER NO. 47660  
STATE OF FLORIDA



# Indian Creek Village 2017 Flood Map



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## Legend

Indian Creek Village

Water

12086C0307L FIRM Map Number

## Flood Zones

AE

Base Flood Elevations determined

X

Areas determined to be outside the 0.2% annual chance floodplain

X (SHADED)

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood

0 225 450 900 Feet

Calvin, Giordano & Associates, Inc.  
EXCEPTIONAL SOLUTIONS

Produced and maintained by the CGA  
Geographic Information Systems Services

**Indian Creek Village  
Stormwater Management Program  
Rates for FY 2018**

1	2	3	4	5	6	7	8	9
Lot <sup>(1)(2)(3)(4)</sup>	Owner <sup>(5)</sup>	Total Parcel Area <sup>(6)</sup> (sq ft)	Parcel Area <sup>(7)</sup>			Runoff	Runoff Annual	Annual Stormwater Utility Fee (Rational Method) <sup>(9)</sup>
			Total (ac)	Total Imperv Area (sq ft)	Imperv (ac)	Rational <sup>(8)</sup>	Rational	
						5-Year Storm (ac-ft/d)	(ac-ft/yr)	
Residential								FY 2018
1	Braman	85,046	1.95	28,185	0.65	0.55	4.09	\$ 2,400.12
2	212A LLC	80,000	1.84	0	0.00	0.23	1.71	\$ 1,006.66
3	AVK Land Holding LLC (Kaydin)	80,000	1.84	29,635	0.68	0.55	4.10	\$ 2,405.05
4	Somerville II Corporation	80,000	1.84	0	0.00	0.23	1.71	\$ 1,006.66
5 & 6	Somerville II Corporation	160,000	3.67	0	0.00	0.46	3.43	\$ 2,013.31
7	Miracreek LTD (King Law Firm)	80,000	1.84	18,150	0.42	0.42	3.17	\$ 1,863.10
8	Diener	120,002	2.75	42,824	0.98	0.81	6.01	\$ 3,530.75
9 & 10	Krasavtsev	80,087	1.84	0	0.00	0.23	1.72	\$ 1,007.75
11	Gorrodona	120,000	2.75	29,336	0.67	0.66	4.93	\$ 2,894.27
12	Kryss	80,000	1.84	30,341	0.70	0.56	4.15	\$ 2,438.36
14	Lampert	118,353	2.72	61,322	1.41	1.00	7.46	\$ 4,382.87
15	Tauber	79,493	1.82	50,794	1.17	0.77	5.78	\$ 3,397.10
16	Shula	80,000	1.84	21,700	0.50	0.46	3.46	\$ 2,030.62
17	Gangwal	80,000	1.84	31,142	0.71	0.56	4.22	\$ 2,476.15
18	Gilinski	80,000	1.84	22,121	0.51	0.47	3.49	\$ 2,050.48
19	Gilinski	80,000	1.84	10,250	0.24	0.34	2.54	\$ 1,490.32
20 & 21	Gilinski	160,000	3.67	24,700	0.57	0.72	5.41	\$ 3,178.84
22	Lima	80,000	1.84	20,808	0.48	0.45	3.39	\$ 1,988.53
23	Singh	80,000	1.84	24,000	0.55	0.49	3.64	\$ 2,139.15
24	Ichan	80,000	1.84	26,700	0.61	0.52	3.86	\$ 2,266.55
25	Ezrati	80,000	1.84	26,000	0.60	0.51	3.80	\$ 2,233.52
26	Soffer	80,000	1.84	21,019	0.48	0.46	3.40	\$ 1,998.48
27	Soffer	80,000	1.84	18,528	0.43	0.43	3.20	\$ 1,880.94
28	Holz	80,000	1.84	14,537	0.33	0.39	2.88	\$ 1,692.62
29	Siegler	53,328	1.22	13,000	0.30	0.29	2.19	\$ 1,284.47
30	Four Palms of Indian Creek LLC	53,328	1.22	21,545	0.49	0.38	2.87	\$ 1,687.68
30A	Iglesias	53,356	1.22	22,978	0.53	0.40	2.99	\$ 1,755.65
31 & 32	Peralta	160,000	3.67	51,561	1.18	1.01	7.57	\$ 4,446.33
33	Klepach	160,000	3.67	79,250	1.82	1.31	9.80	\$ 5,752.89
35	Bijio	80,000	1.84	18,038	0.41	0.42	3.16	\$ 1,857.82
36	Menuelo	54,844	1.26	25,050	0.58	0.43	3.19	\$ 1,872.15
37	Kreutzberger	53,696	1.23	11,964	0.27	0.28	2.11	\$ 1,240.21
38	Pitino	53,696	1.23	21,695	0.50	0.39	2.89	\$ 1,699.39
39	Ziegert/D'Agostino	53,696	1.23	20,850	0.48	0.38	2.83	\$ 1,659.52
40	Bakker	53,736	1.23	11,900	0.27	0.28	2.11	\$ 1,237.70
41	Silver	53,861	1.24	10,225	0.23	0.26	1.98	\$ 1,160.23
Commercial								
Golf Course	ICCC	8,185,300	187.91	286,900	6.59	23.74	198.43	\$ 104,112.63
Totals:								
Residential		3,086,522	70.86	860,148	19.75	18.11	135.24	\$ 79,426.24
Commercial		8,185,300	187.91	286,900	6.59	23.74	198.43	\$ 104,112.63
Total Village		11,271,822	258.77	1,147,048	26.33	41.86	333.68	\$ 183,538.88
Runoff ICCC (% of Total)			-		-	56.7%	59.5%	-
Annual Stormwater Utility Fee ICCC (% of Total)			-		-	-		56.7%
Area ICCC (% of Total)			72.6%		25.0%	-		-

**Notes**

- (1) Single family residence on Lots 5 and 6 was demolished. As of December 2010, Lots 5 and 6 were vacant.
- (2) According to Miami-Dade County Property Appraiser website, Lots 33 and 34 were merged and identified as Lot 33 (as of December 2010).
- (3) According to Village documents, Lot 8 was merged with Lot 9 & 10 and was previously identified as Lot 8 (as of April 22, 2014). On March 24, 2015, Lot 9 & 10 was sold and remains vacant.
- (4) Single family residence on Lot 30 was demolished. As of September 2015, Lot 30 was vacant.
- (5) Owner names updated in accordance with the information on the Miami-Dade County Property Appraiser website (as of September 2017).
- (6) Total Parcel area updated in accordance with the information on the Miami-Dade County Property Appraiser website (as of September 2016).
- (7) Parcel total impervious area obtained from construction drawings review from Indian Creek Village files. Total impervious area updated as of September 2017.
- (8) Runoff Rate =  $C \times V \times A$  where C = runoff coefficient, V = rainfall rate, and A = area.  
C = 0.2 for pervious area and 0.95 for impervious area.  
V = 7.5 inches/day for a 5-year, 24-hour storm event (Rainfall Frequency Maps, SFWMD Permit Manual).
- (9) Stormwater Fiscal 2017 Utility Fee = \$4,385 per acre-foot/day of impervious area.
- (10) Lots 30, 31, and 35 impervious area updated (as of September 25, 2017) based on the Village's permitted improvement records.



**Indian Creek Village**  
**Proposed Budget - Fiscal Year 2018**  
**Stormwater Fund**

Account Name/Description	FY2016 Actuals	FY2017 Adopted	FY2018 Proposed	variance
STORMWATER FEES	\$182,091	\$183,000	\$183,000	0.0%
INTEREST INCOME	\$4,853	\$2,000	\$1,500	-25.0%
<b>Total Revenues</b>	<b>\$186,944</b>	<b>\$185,000</b>	<b>\$184,500</b>	<b>-0.3%</b>
PROFESSIONAL FEES	\$24,840	\$45,000	\$45,000	0.0%
REPAIRS & MAINTENANCE	\$19,840	\$40,000	\$65,000	62.5%
LICENSES & PERMITS	\$897	\$1,000	\$1,500	50.0%
DEPRECIATION	\$4,696	\$4,700	\$4,700	0.0%
OPERATING TRANSFERS - OUT	\$35,000	\$35,000	\$35,000	0.0%
<b>Total Expenditures</b>	<b>\$85,274</b>	<b>\$125,700</b>	<b>\$151,200</b>	<b>20.3%</b>
<b>Excess Revenue/Expenditures</b>	<b>\$101,671</b>	<b>\$59,300</b>	<b>\$33,300</b>	
Fund Balance Beginning	\$939,473	\$1,041,144	\$1,157,111	
Fund Balance Ending	\$1,041,144	\$1,100,444	\$1,190,411	

# **WATER UTILITY**

**The Water Utility Fund accounts for the financial applications of maintaining the Village's Water System.**

**The potable water distribution system shall be maintained by the system owner and operators in a safe, effective, efficient environmentally sound and reliable manner consistent with this comprehensive plan and applicable County, State and Federal standards.**

## Water Utility Fund

Fiscal Year 2018

The Water Utility Fund , created by Ordinance # 111, adopted August 20, 1997, accounts for the financial operations of maintaining the water distribution system. Water is purchased in bulk from the Miami-Dade Water and Sewer Authority (WASD) and the Village of Indian Creek distributes and sells the water to the individual property owners and Indian Creek Country Club. The water rate includes a surcharge to pay for all costs associated with the operation and maintenance of the system including but not limited to the purchase of water, billing, meter reading, maintaining the distribution, transmission lines and depreciation and other administrative services.

Resolution # 171, adopted December 20, 1985, authorized the financing of the present system which was installed at a cost of \$ 900,000 through a Special Revenue Note. Dade County filed a suit after an investigation that the Village failed to provide adequate water flow to residents of the island. The original water system was installed 55 years ago. The present system consists of approximately 2 miles of distribution pipeline. The diameter of the ductile iron pipe size ranges from 6 inches to 24 inches. The system is as follows:

Water Main Valves		
6" to 8" = 2340 ft	5 - 16"	Butterflies Valves
10" to 12" = 1992 ft	1 - 12"	Gate Valve
14" to 24" = 5265 ft	1 - 10"	Gate Valve
	2 - 8"	Gate Valves
<hr/>	17 - 6"	GV on Fire Hydrants
9597 ft		

ICCC PAID A SPECIAL ASSESSMENT OF 55% OF THE TOTAL PROJECT COST -  
RESOLUTION # 170 ADOPTED OCTOBER 21, 1985.

The terms and conditions of the water service contract dated December 18, 1988 between Miami-Dade County and Indian Creek Village provides for the County to supply water service to the Village until December 18, 2018. The contract was being substituted with a new contract which adheres to the terms and conditions of the Miami-Dade County Interim Consumptive Use Authorization and Agreement (Agreement) established between the County and the South Florida Management District via Resolution No. 449-06 on April 25, 2006. The Agreement requires the County to extend its volume water services contracts for a twenty (20) year period to coincide with the County's request for a twenty (20) year consumptive use permit. In accordance with the requirements of the Agreement with the District, this new agreement with Indian Creek Village provides for water service for a twenty (20) year term until 2027. Resolution # 613 adopted November 6, 2006 authorized the execution of the above agreement.

Management fee charges to the General Fund are for the administration of the Village's water utility, which includes but is not limited to the following: accounting services and annual audit, billing and collection of the respective monthly and quarterly fees, customer service, engineering, grantsmanship, compliance with county, state and federal regulations, (inter-governmental relations) maintenance and repair of the system, monthly and quarterly meter readings and maintenance and replacement of the meters.

The following is a history of recent planning activities related to the Village's water supply:

On January 20, 2009, the Village adopted the *20-Year Water Supply Facilities Work Plan* via Ordinance # 192. After its required review of the ordinance, the *Work Plan* and amendments to the Village's Comprehensive Plan, then-Florida Department of Community Affairs issued a response letter on March 13, 2009, indicating that all three documents met state requirements. A required Notice was then advertised in the Miami Herald on March 16, 2009.

Concurrently, the Village amended its Comprehensive Plan to provide consistency with the Village, District and County plans via Ordinance # 197 adopted on September 8, 2010.

The Village's *Work Plan* echoes the Miami-Dade County *20-Year Water Supply Facilities Work Plan*, adopted April 24, 2008 (Notice of Intent published July 18, 2008). It is also consistent with the *Lower East Coast Water Supply Plan* adopted February 15, 2007 by the South Florida Water Management District.

A letter dated November 23, 2010 signed by Sara Leu, then-Chief of Intergovernmental Affairs for the Miami-Dade County Water and Sewer Department (WASD), reported that a revised 20-Year Consumptive Water Use Permit from the South Florida Water Management District was extended from the year 2027 to 2030.

On September 15, 2015, by the adoption of Ordinance # 216, the Village amended its Comprehensive Plan to include changes based on the *20-Year Water Supply Facilities Work Plan Update*.

Each Year, WASD requests the Village's projected annual water needs for the next five years, in order to adequately plan for future needs. The projected water needs provided by the Village are considered in the preparation of WASD's *Integrated Master Plan*.

These various actions are required by the Florida Statutes regarding water supply planning and the Florida Administrative Code to address water supply needs. Updates to the planning documents are required every five years.



**WATER METERS**

Resolution # 667 adopted February 24, 2010 authorized the acquisition and installation of new water meters. The new Sensus SR meters are equipped with the state-of-the-art absolute-encoder registers and reading devices for automatic meter reading. The cost of the project was approximately \$ 72,000; cost of meters, \$ 43,237 including hand-held Touch, Touch Gun and autoread software and installation, \$ 28,400. All meters were replaced with the new Sensus SR meters and the boxes were rebuilt where needed. The meters went to full operation June 29, 2010.

The Village advanced its Water Conservation Plan by implementing to Automatic Meter Readings (AMR) technology. The main benefits the AMR technology provides to the Water Conservation Plan include (1) ability to detect leaks in a timely manner and (2) improved water accounting through automated data collection. The new system includes AMR technology that will prevent recording errors, eliminate estimated readings, and allows the Village to monitor water consumption on a monthly basis.

**MAINTENANCE**

Water service lines from Lots 36, 40 and 41 were transferred from the 12-inch to 16-inch waterline in April 7, 2008. In August WASA eliminated the (12") abandoned waterline since no services were connected to the line.

The same year a leak detection study was conducted and the study found no leaks. The pressure readings of the entire distribution system were taken from April 10 through April 16, 2008 by MDWASD personnel at three locations. The pressure reading, indicate that the Village's water pressure falls within normal operating pressure - 40 to 60 psi.

All water 2" and 6" shut-off and gate valves are inspected semi-annually. All fire hydrants checked twice a year.

WASA tests, calibrates and maintain the following meters:

1. One ten (10') inch meter	2016	Replaced 04/11/16	\$ 10,158.84	Meter
2. One four (4') inch meter	2014	Tested	<u>\$ 10,060.00</u>	Installation
3. Seven two (2') inch meter	2014	Tested	\$ 20,158.84	

The ten (10') inch meter was replaced April 11, 2016 at a cost of \$ 10,158.84 which was purchased from HD Supply Water Works and the installation cost was \$ 10,000 from Central Plumbing.

The following is the meter replacement policy for the residential meters:

1. 1 1/2 meter replaced every ten years or five million gallons:
2. 2" meters replaced every ten years or five million gallons.

Repairs:

1. Provided new service line to Lot 10 October 26, 2016.
2. Lot 4 water line break was repaired May 5, 2017.

**WATER SYSTEM ANALYSIS CONDENSED REPORT**

At a meeting April 30, 2014 with Mr. Luis Aguiar, Assistant Director, Water System Operations, Miami-Dade Water & Sewer Department, he suggested I contact the Ductile Iron Pipe Research Association to evaluate the condition of the water pipes installed in 1985-86.

Mr. Allen H. Cox, P.E., Regional Director, Nace International Corrosion Specialist, Ductile Iron Pipe Research Association was contacted May 13, 2014. He requested copies of the Miami-Dade County - USDA soil maps. The maps were obtained by Mr. Alex David and forwarded to Mr. Cox on May 20, 2014. Mr. Cox requested soil samples which were shipped by PEARCO and Hydrologic Associates USA, Inc. directly to him in July. Mr. Cox put in touch with Mr. Dan Mathew, DERM, to discuss the condition of our system. Mr. Cox stated if the pipe is protected with polyethylene they should last 100-150 years.

Mr. Cox visited the site November 3, 2014 to perform his inspection. He reported the pipes are in excellent condition. Based on his experience the Village may want to inspect all service line connections and replace with a more noble type of metal device such as brass and/or copper. His report is dated November 20, 2014. The report was submitted to the Council at the February 17, 2015 meeting.

### Water Rate Schedule

	<u>No.</u>	<u>Date</u>	<u>Rate</u>
1. Ordinance	57	March 31, 1989	
2. Ordinance	58	May 30, 1989	10% Late charge
3. Ordinance	74	April 1, 1991	10% Surcharge
4. Ordinance	95	August 12, 1993	15% Surcharge
5. Resolution	405	August 17, 1997	25% Surcharge
6. Resolution	444	April 16, 1999	35% Surcharge
7. Resolution	522	Sept 23, 2002	70% Surcharge

**RATE HAS REMAINED THE SAME SINCE FY 2003.**

Rate	% Change
FY 05 \$ .85	0.00%
FY 06 \$ 1.10	29.41%
FY 07 \$ 1.10	0.00%
FY 08 \$ 1.46	33.17%
FY 09 \$ 1.46	0.00%
FY 10 \$ 1.7142	17.41%
FY 11 \$ 1.7142	0.00%

Rate	% Change
FY 12 \$ 1.7142	0.00%
FY 13 \$ 1.7142	0.00%
FY 14 \$ 1.7142	0.00%
FY 15 \$ 1.7816	4.00%
FY 16 \$ 1.7341	-2.70%
FY 17 \$ 1.7341	0.00%
FY 18 \$ 1.8341	5.76%

Calendar Year	Actual Usage M/ Gallons
2002	140,277
2003	143,203
2004	152,923
2005	141,966
2006	169,707
2007	134,894
2008	138,292
2009	141,524
2010	114,748
2011	135,159
2012	125,097
2013	113,845
2014	118,072
2015	127,662
2016	124,088
2017	145,465
<b>Average</b>	<b>135,432</b>

Calendar Year	Projected Usage / M/Gallons
2018	133,987
2019	144,907
2020	142,147
2021	149,254
2022	

Letter	Rate	True-Up	Adjustment
9/28/2010	\$1.7142	\$ 30,303	Refund
8/01/2011	\$1.7142	\$ 15,095	Refund
7/23/2012	\$1.7142	\$ 28,349	Refund
7/15/2013	\$1.7142	\$ 17,716	Refund
7/16/2014	\$1.7816	\$ 9,259	Refund
7/10/2015	\$1.7341	\$ 49,863	Refund
7/13/2016	\$1.7341	\$ 30,623	Refund
6/18/2017	\$1.8340	\$ 18,369	Refund

**FLORIDA DEPARTMENT OF HEALTH - FDOH**

**WATER QUALITY PARAMETERS TEST**  
**FOR SMALL PUBLIC WATER SYSTEM (ID # 4130663)**

**LEAD & COPPER MONITORING REQUIREMENTS**

- 1.** July 15, 1999 - Dade County Department of Health
  - A. Requirements for Optimized Corrosion Control Treatment (OCCT)
- 2.** March 17, 2003 – CDM letter Lead and Copper Sample Program
  - A. Monitoring Requirements
  - B. Samples Testing (10)
- 3.** October 1, 2003 – Florida Department of Health (FDOH)
  - A. Exceeded allowable Lead Action Level
  - B. Lead & Copper - twice a year samples
  - C. Marble - monthly
- 4.** January 6, 2006 – CDM Smith (CDM) letter to FDOH.
  - A. Request an annual sample in lieu of bi-annual
  - B. Request approved by FDOH
- 5.** October 1, 2007 – FDOH letter
  - A. Compliance
- 6.** September 8, 2008 – CDM letter to FDOH.
  - A. Samples (7)
  - B. Request reduction in monitoring frequency from annually to once every 3 years.
- 7.** November 26, 2008 – FDOH letter to Village
  - A. Reduce monitoring to once every 3 years in lieu of annual sample
- 8.** March 24, 2009 – CDM letter to FDOH
  - A. Discontinue monitoring of water quality parameters and marble tests
- 9.** October 5, 2009 – Village Manager letter to Miami-Dade County
  - A. Discontinue testing by County until further notice
- 10.** October 6, 2009 – CDM memo to Village Manager Re: telephone conversation
  - A. Water Quality Parameters and Marble Tests (Discontinued)
  - B. Compliance for next three (3) years until October 10, 2011



## Water Utility Fund

Fiscal Year 2018

11. December 18, 2009 – WASA letter to Village Manager
  - A. Acknowledge October 5 letter to discontinue water quality tests.
12. June 25, 2010 – FDOH letter to Village
  - A. Amended Lead and Copper Rules and New Regulations become effective December, 2009
  - B. FDOH letter dated June 25, 2010 – Next test October 10, 2011
13. September 22, 2011 – FDOH letter to Village
  - A. EXCEEDED allowable Lead Action Level
  - B. Twice a year samples effective January 1, 2012
14. February 29, 2012 – FDOH Letter to the Village
  - A. Compliance.
15. September 6, 2012 – CDM letter to Health Dept.
  - A. Samples (4)
  - B. Compliance
16. February 13, 2013 – FDOH Letter to the Village
  - A. Compliance
  - B. Reduce monitoring to annually of five (5) sample sites
  - C. Next test results on or before October 10, 2013
17. October 30, 2014 – FDOH letter to Village
  - A. Compliance
18. October 9, 2015 – FDOH letter to Village
  - A. Compliance
  - B. Reduce monitoring to once every three (3) years – 2018 between June - September
  - C. Marble testing decreased to once every sixty days
19. February 10, 2016 – FDOH letter to the Village
  - A. Dates for multiple exceedances of Lead Action levels by Village
20. March 11, 2003 (Revised March 1, 2016) Rates
  - A. Marble Test \$ 50.00 quarterly
  - B. Water Quality Parameters \$ 170.00 monthly
  - C. Lead Copper
  - D. Bacteriological \$ 203.94 quarterly

**RED BOX: Letter referenced in Report**

**BLACK BOX: Letter NOT referenced in Report**

**FLORIDA DEPARTMENT OF HEALTH IN MIAMI-DADE COUNTY**  
**LEAD & COPPER MONITORING / TESTING REQUIREMENTS**  
**SMALL WATER SYSTEM ID # 4130663**

**Summary**

In accordance with the Florida Department of Environmental Protection's Rules Governing Public Water Systems, Control of Lead and Copper, the Village is required to monitor for lead and copper in their water system.

A letter dated July 15, 1999 from the Florida Department of Environmental Protection determined that the Indian Creek Public Water System ID # 4130663 should be deemed to have Optimized Corrosion Control Treatment (OCCT) in accordance with Rule 40 CFR 141.81 (b)(2) the Lead and Copper Rule. This rule requires the Village to perform the required testing which includes Standard Monitoring, Water Quality Parameter (WQP), Calcium Carbonate Potential (CCP) and Marble Tests and a Public Education Program. The other two (2) communities that have the same condition are Bal Harbor Village and Bay Harbor Islands.

The lead and copper results from the samples collected must be below the 90th percentile levels for the lead action levels of 0.015 milligrams of lead per liter of water (Mg/L).

**Standard Monitoring** – Standard monitoring includes sampling from the interior taps of a minimum of 10 homes in accordance with the revised sampling plan. Monitoring results need to be reported to the State within 10 days following the monitoring period.

**Water Quality Parameters** – Conduct 2 sampling events for Water Quality Parameters from the distribution system and points of entry within the monitoring period the system exceeded lead or copper action levels results should be provided to the State.

**Lead and Copper Sampling from Point of Entry** – Conduct lead and copper sampling from Points of Entry to Village system within the monitoring period the system exceeded action level and submit results to the State. Copper sampling from Point of Entry forwarded to the Department of Health.

**Marble Testing** – Perform Marble Test and submit results to the State on a monthly basis. The monitoring sampling shall be done at all points of entry and distribution system sampling sites to monitor the calcium carbonate saturation state of the water. Results of monthly marble test from the Distribution System and Point of Entry must be forwarded to the Department of Health.

**Public Education Program** – Within sixty days of exceeding lead action level, the Village should execute delivery of a Public Education Program in accordance with the Lead and Copper Rule Minor Revisions effective April 11, 2002. Compliance with the Public Education Program must be reported to the State within 10 days of the end of each monitoring period.

After a review of the entire file by a representative of the Florida Department of Health in Miami-Dade County he reported in an e-mail dated February 10, 2016 to the Village that the file revealed multiple EXCEEDANCES of Lead action level during the following monitoring periods:

- |                          |                           |
|--------------------------|---------------------------|
| 1. July – December, 1993 | 5. January – June, 1998   |
| 2. January – June, 1994  | 6. June – September, 2002 |
| 3. July – December, 1995 | 7. July – December, 2003  |
| 4. July – December, 1996 | 8. June – September, 2011 |

**FY 2003 – 2011**

The monitoring results for the lead and copper tap samples for the July-December 2003 monitoring period revealed the Indian Creek Small Public Water System (ID No. 4130663) EXCEEDED the allowable lead action level (October 1, 2003 letter. The Village was mandated by the Florida Department of Health (FDOH) to monitor results for the lead and copper action levels every six (6) months and the submittal of marble testing results will be on a monthly basis.

The Village requested from the FDOH an annual sampling frequency in lieu of the bi-annual sampling frequency beginning January 1, 2006, January 6, 2006 letter. The request was based on the passing results for the last consecutive bi-annual testing periods (2004 – 2005). This request was approved by FDOH. The tests for 2007 met the requirements as per the FDOH letter of October 1, 2007.

The levels for the lead and copper were met in 2008. The Village successfully demonstrated for three consecutive monitoring periods (2006, 2007 and 2008) that the lead and copper were less than the Federal action levels. As a result, the Village requested a reduction in monitoring frequency from annually to once every three (3) years (2009 – 2010 – 2011) which was approved (September 8, 2008 letter). FDOH informed the Village the monitoring for lead and copper tap sampling should be conducted no later than during the year 2011 (November 26, 2008 letter). The Marble tests were also discontinued until October, 2011.

**FY 2011 - 2016**

The FDOH in a letter dated September 22, 2011 reported the monitoring results for lead and copper tap sampling for the 2009 – 2011 triennial monitoring period between June – September 2011 EXCEEDED the allowable lead and copper level. The Village was required to resume standard monitoring commencing on January 1, 2012 through June 30, 2012 and continue afterwards on a six month cycle.

The FDOH indicated in a letter dated February 29, 2012 the bi-annual monitoring results met the lead and copper levels for 2012. After successful testing through 2013 the sampling was changed to monitoring annually based on a FDOH letter dated February 13, 2013. Since years 2013, 2014 and 2015 met the allowable lead action level the Village is permitted to test every three (3) years. In accordance with the FDOH letter dated October 9, 2015 the next Lead & Copper test will be taken before October 2018.

## **1. LEAD & COPPER TESTING PROGRAM**

### **(2003 – 2018)**

1.	2003	Triennial - Exceeded level
2.	2004	Bi-Annual
3.	2005	Bi-Annual
4.	2006	Annual
5.	2007	Annual
6.	2008	Annual
7.	2009	Triennial
8.	2010	Triennial
9.	2011	Triennial - Exceeded level
10.	2012	Bi-Annual
11.	2013	Annual
12.	2014	Annual
13.	2015	Annual
14.	2016	Triennial
15.	2017	Triennial
16.	2018	Triennial - Test within June / September 2018

## **2. CHLORINE TESTING**

By State Statute the Village is required to take two (2) samples per week from the Water Distribution System and forward the results to the Miami-Dade County Health Department. The testing is conducted by the Village staff. A minimum chlorine residual of 0.6 miligram per liter must be maintained throughout the distribution system. The testing started January 1, 2012.

## **3. MARBLE TESTING**

The Marble Test has been conducted routinely as a process control. Due to Calcium Carbonate Precipitation Potential (CCPP) the State recommended the frequency of marble testing will be decreased to once every sixty days from monthly. This testing requirement was stated in an e-mail from Mr. Julian Bronhole, FDOH, February 10, 2016 to the Village. As of 2016 the cost is \$ 25.00 per sample every 60 days.

#### **4. STAGE TWO - DISINFECTANTS AND DISINFECTION BYPRODUCT RULE COMPLIANCE**

In August 2006 the Village engineer submitted the the appropriate data and water samples analysis to the Florida Department of Health for the purpose of obtaining an automatic waiver to qualify for the United States EPA Stage 2 Disinfectants and Disinfection Byproduct Rule Compliance, for the Very Small System Waiver (VSS) from having to perform an Initial Distribution System Evaluation (IDSE) in accordance with the National Primary Drinking Water Regulations. This was confirmed in a communication dated October 5, 2006 from Mr. Robert Burns, U.S., E.P.A. Engineer. The waiver was effective until April 1, 2012.

The next tests were taken August 1, 2012. Based on the tests results, the Village would not be required to sample again until July or August, 2015 as per a letter from the Health Department dated February 12, 2013.

The test was taken August 14, 2015 for HAA5 and was 0.033 mg/L (above the required 0.030 mg/L). The Village was required to sample for Stage 2 (TTHM and HAA5) in August, 2016.

The samples were collected by Advanced Environmental Laboratories, Inc. on August 8, 2016 . The laboratory results were received by our Engineer - CDM Smith on August 23, 2016. The results were below the Locational Running Annual Average (LRAA).

1. TOTAL TRIHALOMETHANES (TTHM) - Value was 0.01204 mg/L which is below the LRAA of 0.040 mg/L.

2. TOTAL HALOACETIC ACIDS (HAAS) - Value was 0.02745 mg/L which is below the LRAA of 0.030.

An e-mail dated August 29, 2016 from the Florida Department of Health indicated the Village complies with the requirements to go on reduced monitoring. The next monitoring will be during the month of August, 2019.

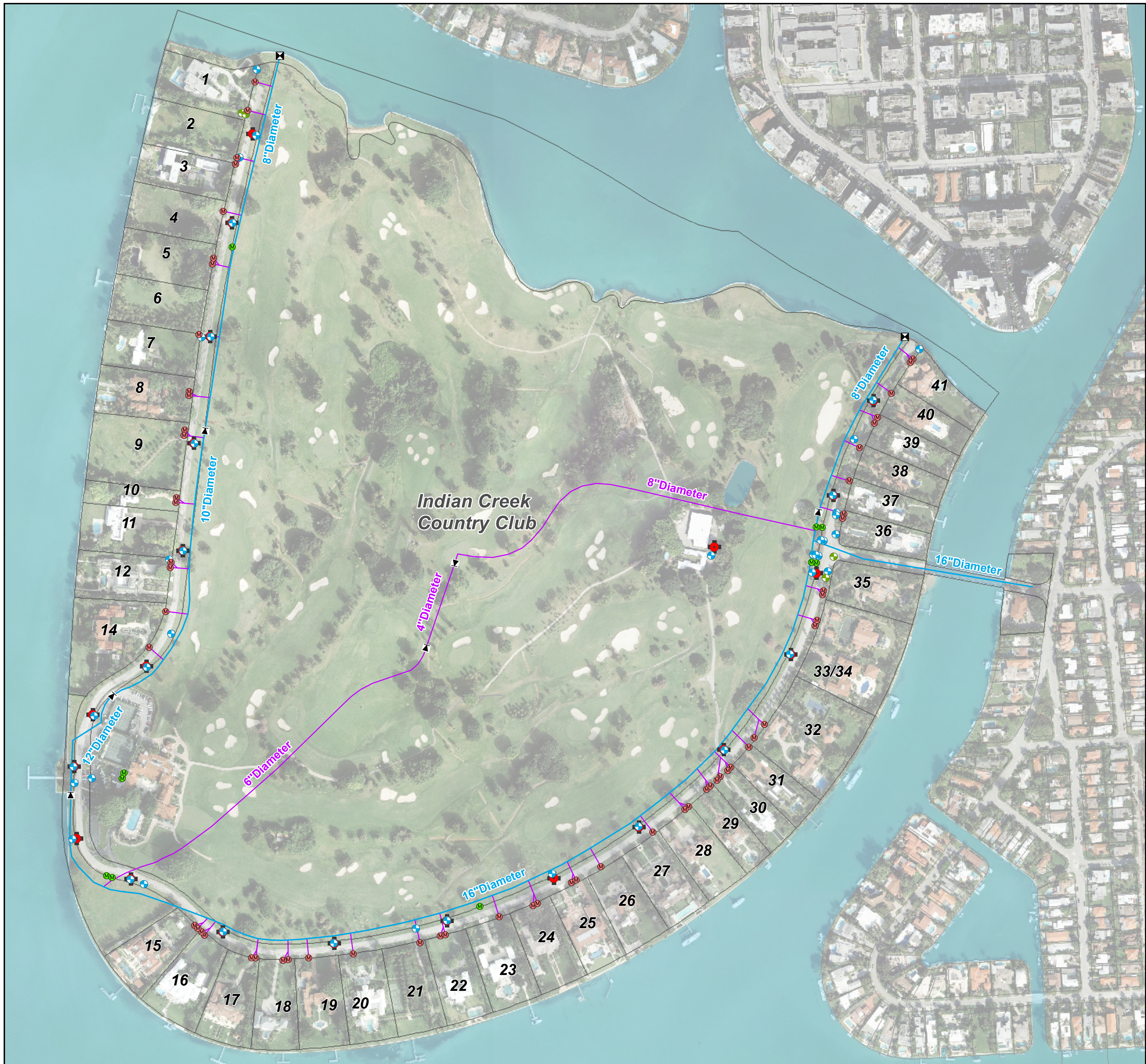


The Village Engineer, CDM Smith, has been under contract with the Village since June 12, 1998, as CAMP DRESSER & McKEE (CDM) which merged with WILBUR SMITH on February 25, 2011, re-named as CDM SMITH.

The following is a general summary of services provided by the Engineer over the last several years:

1. CDM Smith prepared the resident notification letters and conducted lead and copper stamping within the Village. CDM Smith coordinated with the lab to obtain the sampling results for distribution to the Village residents and the Florida Department of Health (FDOH). The Village is scheduled to conduct lead and copper sampling again in August 2018.
2. CDM Smith assisted the Village with Stage 2 Disinfectant / Disinfection By-Product Rule (D/DBPR) monitoring within the Village. CDM Smith conducted Total Trihalomethanes (TTHM) and Haloacetic Acids (HAA5) sampling in the Village then coordinated with the lab to obtain the sampling results. CDM Smith then submitted the Stage 2 D/DBPR monitoring report to FDOH on behalf of the Village. The Village is scheduled to conduct TTHM and HAA5 sampling again in August 2019.
3. Annually, CDM Smith coordinated with the Village to update the Village water system database to provide to Miami-Dade County Department of Regulatory and Economic Resources (RER) the Village Valve and Water Line Atlas in compliance with the Village Public Water System Annual Operating Permit.
4. Annually, CDM Smith coordinated with the Village to provide Village residents with a copy of the Consumer Confidence Report (CCR) related to potable water service provided to the Village. CDM Smith prepared and submitted to the Florida Department of Environmental Protection (FDEP) on behalf of the Village the Consumer Confidence Certification form.
5. Annually, CDM Smith coordinated with the Village on its stormwater related activities (monitoring, maintenance, rehabilitation and/or training) completed during the reporting year. CDM Smith prepared the National Pollutant Discharge Elimination System (NPDES) annual report to the FDEP on behalf of the Village.
6. Annually, CDM Smith reviewed the Village permit records to confirm new construction that impacts the impervious areas on Village lots. CDM Smith used this information to update the Village Stormwater Fee calculations for the Village.
7. Monthly, CDM Smith reviewed the Village Water Quality Parameter sample results provided by Miami-Dade Water and Sewer Department. Once complete and there are no concerns, CDM Smith submitted the results to the Florida Department of Health (FDOH).





Water Structures	
Meter (Residential)	62
Meter (Country Club)	10
Gate Valves	4
Water Valves	41
Fire Hydrants	21
Flushing Connections	2



**Legend**

- Meter (Residential)
- Meter (Country Club)
- Gate Valve
- Water Valve
- Fire Hydrant
- Flushing Connection
- Transmission Line
- Distribution Line

Notes:  
Features shown are for illustration purposes only.

Source Data:  
Parcels - Miami -Dade County GIS  
Aerial Imagery - FDOT (2012)



# FIRE HYDRANTS



FH1-Lot 2



FH2- Lot 4



FH3 – Lot 7



FH4 – Lot 9



FH5 – Lot 11



FH6 – Lot 14



FH7 – Lot 55



FH8 – Lot 55



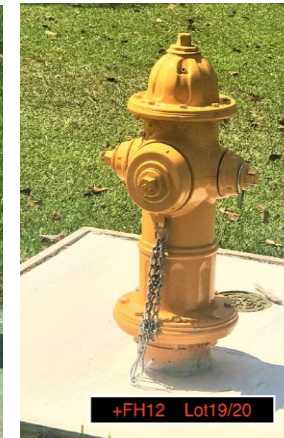
FH9 – Lot 55



FH10 – Lot 55



FH11- Lot 16



FH12 – Lot 19/20



FH13 – Lot 22



FH14 – Lot 25



FH15 – Lot 27



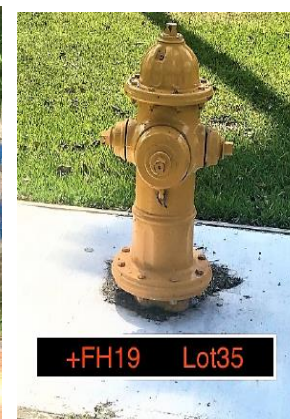
FH 16 – Lot 30/31



FH17 – Lot 33



FH18 – Lot 52



FH19 – Lot 35



FH20 – Lot 37



FH21 – Lot 40



**Indian Creek Village**  
**Proposed Budget - Fiscal Year 2018**  
**Water Utility Fund**

Account Name/Description	FY2016 Actuals	Actuals 06/30/17	FY2017 Adopted	FY2018 Proposed	variance
WATER SALES	\$262,425	\$246,228	\$400,000	\$400,000	0.0%
DERM FEES	\$31,818	\$19,698	\$32,000	\$32,000	0.0%
INTEREST INCOME	\$18,992	\$1,180	\$5,000	\$2,500	100.0%
<b>Total Revenues</b>	<b>\$313,235</b>	<b>\$267,106</b>	<b>\$437,000</b>	<b>\$434,500</b>	<b>-0.6%</b>
PROFESSIONAL FEES	\$20,789	\$12,328	\$30,000	\$28,500	-5.0%
WATER PURCHASE	\$156,530	\$122,350	\$250,000	\$250,000	0.0%
REPAIRS & MAINTENANCE	\$38,013	\$43,773	\$50,000	\$50,000	0.0%
TESTING	\$3,632	\$1,510	\$3,500	\$3,500	100.0%
DERM PAYMENT	\$31,818	\$0	\$33,000	\$32,000	-3.0%
DEPRECIATION	\$20,076	\$0	\$20,500	\$20,500	0.0%
OPERATING TRANSFER - OUT	\$50,000	\$0	\$50,000	\$50,000	0.0%
<b>Total Expenditures</b>	<b>\$320,858</b>	<b>\$179,961</b>	<b>\$437,000</b>	<b>\$434,500</b>	<b>-0.6%</b>
<b>Excess Revenue/Expenditures</b>	<b>(\$7,623)</b>	<b>\$87,145</b>	<b>\$0</b>	<b>\$0</b>	
Fund Balance Beginning	\$931,952	\$924,328	\$924,328	\$1,011,473	
Fund Balance Ending	\$924,328	\$1,011,473	\$924,328	\$1,011,473	

# COMPREHENSIVE ANNUAL FINANCIAL REPORT

<u>AUDITOR RETAINED</u>	<u>RESO #</u>	<u>DATE</u>	<u>FY</u>
1) Rachlin Cohen & Holtz, LLP	562	05/07/2004	2003
	578	12/16/2004	2004-08
2) MarcumRachlin Division of Marcum LLP	666	02/14/10	2009-10
3) Marcum LLP	697	02/21/12	2011-14
4) Alberní Caballeros & Rierman, LLP	746	05/15/15	2015-17
<u>AUDITOR</u>	<u>RESO #</u>	<u>DATE</u>	<u>FY</u>
1 Keefe McCullough and Co.	489	05/18/01	2000
2 KPMG, LLP	Rep Item 02-375	07/16/02	2001
3 KPMG, LLP	Report	07/01/03	2002
4 Rachlin Cohen & Holtz, LLP	577	11/29/04	2003
5 Rachlin Cohen & Holtz, LLP	578	12/16/04	Contract
6 Rachlin Cohen & Holtz, LLP	585	05/02/05	2004
7 Rachlin Cohen & Holtz, LLP	599	02/27/06	2005
8 Rachlin Cohen & Holtz, LLP	620	05/07/07	2006
9 Rachlin Cohen & Holtz, LLP	635	03/24/08	2007
10 MarcumRachlin, A Division of Marcum LLP	657	09/01/09	2008
11 MarcumRachlin, A Division of Marcum LLP	666	02/24/10	Contract
12 MarcumRachlin, A Division of Marcum LLP	671	03/25/10	2009
13 MarcumRachlin, A Division of Marcum LLP	683	02/15/11	2010
14 Marcum LLP	697	02/21/12	2011
15 Marcum LLP	707	02/19/13	2012
16 Marcum LLP	726	03/18/14	2013
17 Marcum LLP	741	02/17/15	2014
18 Alberní Caballeros & Rierman, LLP	746	06/24/15	Contract
19 Alberní Caballeros & Rierman, LLP	755	05/17/16	2015
20 Alberní Caballero & Rierman, LLP	763	02/21/17	2016
21 Alberní Caballero & Rierman, LLP	774	03/20/18	2017



**RESOLUTION No. 725**

**A RESOLUTION OF THE VILLAGE COUNCIL  
OF INDIAN CREEK VILLAGE, FLORIDA,  
ESTABLISHING THE FUND BALANCE  
POLICY FOR THE GENERAL FUND OF  
INDIAN CREEK VILLAGE; PROVIDING FOR  
SEVERABILITY; PROVIDING AN EFFECTIVE  
DATE.**

WHEREAS, the Village desires to establish a Fund Balance Policy for the General Fund consistent with the Governmental Accounting Standards Board Statement No. 54 Fund Balance Reporting and Governmental Fund Type Definitions; and

WHEREAS, the Village Council believes that it is necessary, appropriate and in the public interest to commit these fund balance reserve funds in the General Fund; and

WHEREAS, such a policy has been prepared and a copy thereof is attached hereto; now therefore

BE IT RESOLVED BY THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE:

**Section 1.** The Village Council of Indian Creek Village hereby adopts the "Indian Creek Village Fund Balance Policy for the General Fund", attached hereto as "Exhibit A", and hereby directs the Village Manager to implement said policy.

**Section 2.** If any section, subsection, clause or provision of this resolution is held invalid, the remainder shall not be affected by such invalidity.

**Section 3.** All resolutions or parts of resolutions in conflict herewith shall be and hereby are repealed.

**Section 4.** This resolution shall take effect as of September 30, 2013.

PASSED AND ADOPTED by the Village Council of Indian Creek Village this 18<sup>th</sup> day of March, 2014.

  
MAYOR

ATTEST:

  
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
VILLAGE ATTORNEY

## EXHIBIT A

### INDIAN CREEK VILLAGE FUND BALANCE POLICY

#### A. Fund Balance Policy

The Village hereby establishes and will maintain reservations of Fund Balance, as defined herein, in accordance with Governmental Accounting and Financial Standards Board Statement No. 54 Fund Balance Reporting and Governmental Fund Type Definitions. This Policy shall only apply to the Village's General Fund. Fund Balance shall be composed of restricted, committed, assigned, non- spendable and unassigned amounts. Fund Balance information is used to identify the available resources to repay long-term debt, reduce property taxes, add new governmental programs, expand existing ones, or enhance the financial position of the Village, in accordance with policies established by the Village Council.

#### B. Definitions

**Fund Balance** - refers to the difference between assets and fund liabilities in the governmental funds balance sheet and is referred to as fund equity.

**Restricted Fund Balance** - Amounts that can be spent only for the specific purposes stipulated by external resource providers (such as grantors), or enabling legislation. Restrictions may be changed or lifted only with the consent of the resource providers.

**Committed Fund Balance** - Amounts that can be used only for the specific purposes determined by a formal action of the Village Council, the Village's highest level of decision making authority. Commitments may be changed or lifted only by the Village Council taking the same formal action that imposed the constraint originally.

**Assigned Fund Balance** - Amounts that the Village intends to use for a specific purpose; the intent shall be expressed by management of the City.

**Non-Spendable Fund Balance** - Amounts that are not in a spendable form (such as inventory) or are required to be maintained intact.

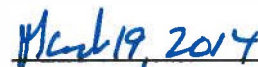
**Unassigned Fund Balance** - The residual classification for the general fund and includes amounts that are not contained in the other classifications. Unassigned amounts are the portion of fund balance which is not obligated or specifically designated and is available for any purpose.

#### C. Disbursement of Fund Balance Reserves

Disbursements of funds within the fund balance reserves shall be authorized by an ordinance of the Village Council and may be approved by inclusion in the approved annual budget (and amendments thereto), or shall be authorized pursuant to any ordinances or procedures adopted by the Village Council.

Approved:

  
\_\_\_\_\_  
C. Samuel Kissinger  
Village Manager

  
\_\_\_\_\_  
Date

## RESOLUTION NO. 762

**A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA ACCEPTING A TERM SHEET FROM CITY NATIONAL BANK TO INCREASE AND EXTEND AN EXISTING REVOLVING LINE OF CREDIT TO FINANCE WORKING CAPITAL NEEDS; AUTHORIZING AMENDMENTS TO THE EXISTING REVOLVING LINE OF CREDIT TO INCREASE THE PRINCIPAL AMOUNT TO NOT TO EXCEED \$2,000,000 AND EXTEND THE TERM FOR AN ADDITIONAL THREE YEARS; APPROVING EXECUTION AND DELIVERY OF AMENDMENTS TO THE REVOLVING LINE OF CREDIT AGREEMENT AND THE RELATED NOTE; PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, on August 25, 2014, the Village Council (the “Village Council” or “Council”) of Indian Creek Village, Florida (the “Village”), adopted Resolution No. 730 authorizing a Revolving Line of Credit (the “Revolving Line of Credit”) with City National Bank (the “Bank”) for working capital needs of the Village in an aggregate principal amount not to exceed \$1,000,000; and

**WHEREAS**, on December 23, 2014, the Village entered into the Revolving Line of Credit with the Bank and executed a Revolving Promissory Note (the “Note”) in favor of the Bank; and

**WHEREAS**, the Revolving Line of Credit and the Note are secured by a covenant to budget and appropriate non-ad valorem revenues of the Village (the “Non-Ad Valorem Revenues”); and

**WHEREAS**, the Revolving Line of Credit and the Note mature on December 23, 2016; and

**WHEREAS**, the Bank has offered to extend the term of Revolving Line of Credit and the Note for an additional three (3) years and increase the amount available to draw under both to not to exceed \$2,000,000, with all other terms of the Revolving Line of Credit and the Note remaining the same; and

**WHEREAS**, the Village Manager (the “Manager”) has recommended that the Council approve the Term Sheet provided by the Bank, a copy of which is attached hereto as Exhibit “A” (the “Term Sheet”);

**NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE INDIAN CREEK VILLAGE, FLORIDA:**

**Section 1. Recitals Adopted.** Each of the recitals stated above is hereby adopted and confirmed.

**Section 2. Authority for this Resolution.** The Village Council is authorized to adopt this Resolution (the “Resolution”) under the authority granted by the provisions of the Village Charter, Chapter 166, Florida Statutes, and other applicable provisions of law.

**Section 3. Acceptance of Term Sheet.** The Village Council accepts the Term Sheet from the Bank.

**Section 4. Authorization of Amendments to the Revolving Line of Credit and the Note.** The Village Council authorizes amendments to the Revolving Line of Credit (the "Amended Revolving Line of Credit Agreement") and the Note (the "Amended Note") to reflect the terms set forth in the Recitals and in the Term Sheet.

**Section 5. Approval of Amended Revolving Line of Credit Agreement Documents.** The Mayor of the Village and the Village Manager are each authorized and directed to execute, and the Village Clerk is authorized to attest, the Amended Revolving Line of Credit Agreement and the Amended Note, in each case in a form consistent with the Term Sheet, subject to approval by the Village Attorney. Execution of the Amended Revolving Line of Credit Agreement and the Amended Note by such officials shall constitute conclusive evidence of the approval thereof by the Village.

**Section 6. Miscellaneous.** The Mayor of the Village, the Village Manager, the Village Clerk, the Village Attorney and other authorized officers of the Village are authorized and directed to execute and deliver all documents, contracts, instruments and certificates and to take all actions and steps on behalf of the Village, including executing all closing certificates, that are necessary or desirable in connection with the Amended Revolving Line of Credit Agreement and the Amended Note, or otherwise in connection with any of the foregoing, which are not inconsistent with the terms and provisions of this Resolution.

**Section 7. Severability.** Should any sentence, section, clause, part, or provision of this Resolution be declared by a court of competent jurisdiction to be invalid, the same shall not affect the validity of this Resolution as a whole, or any part thereof, other than the part declared invalid.

**Section 8. Effective Date.** This Resolution shall be effective immediately upon its adoption by the Village Council.

PASSED AND ADOPTED this 20<sup>TH</sup> day of September, 2016.

ATTEST:

  
MARILANE LIMA, VILLAGE CLERK

  
BERNARD KLEPACH, MAYOR

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
VILLAGE ATTORNEY

## EXHIBIT "A"

### TERM SHEET FROM CITY NATIONAL BANK



City National Bank  
2999 NE 191<sup>st</sup> Street Ste 700  
Aventura, FL 33180

Indian Creek Village  
Samuel Kissinger-Village Manager  
9080 Bay Drive  
Miami Beach, FL 33154

Dear Mr. Kissinger:

City National Bank of Florida (the "Bank") is pleased to submit this Term Sheet which presents the general terms and conditions under which the Bank will consider providing a Line of Credit in the amount of \$2,000,000.00 to Indian Creek Village, FL. The following is not a commitment to lend but rather an expression of interest on behalf of the Bank. We look forward to the opportunity to review this with you and to further solidifying our long term relationship.

**Borrower:** Indian Creek Village, Florida

**Purpose:** Renewal and increase of existing \$1,000,000.00 Revolving Line of Credit for short term working capital needs

**Amount:** \$2,000,000.00 credit facility

**Interest rate:** Variable interest rate equal to 30 Day Libor rate plus 200 basis points (2.52 Indicative as of September 2<sup>nd</sup>, 2016)

**Term:** Three years

**Prepayment:** No prepayment penalty

**Repayment:** Interest shall be due monthly together with all principal due at maturity

**Collateral:** Pledge and Security Interest on All Non-ad Valorem Revenues generated by Indian Creek Village, Florida

PO Box 025620  
Miami, FL 33102-5620  
citynational.com  
Member FDIC | Equal Housing Lender



**Conditions:** 1. Borrower agrees to continue to maintain operating accounts and treasury management relationship with City National Bank during the term of the loan.

2. Subject to other documentation as required by the Bank for underwriting.

**Costs:** Borrower shall pay all reasonable costs, expenses and fees including attorney's fees, closing and filing fees associated with this transaction.


This Term Sheet is furnished as a means of affording the Borrowers an outline of the material terms and conditions of the credit facility under consideration and is not a commitment to lend on the part of the Bank. Should the foregoing meet with your approval please so indicate by signing below and returning to the undersigned by September, 27<sup>th</sup>, 2016 so that we may proceed toward final underwriting and credit approval. The rates quoted on this Term Sheet are indicative rates and are subject to change depending upon market conditions and fluctuations.

**Confidential:**

*This term sheet is confidential and proprietary in nature between the Bank and the Borrower. This term sheet, and the contents thereof, shall not be shared, distributed or disseminated in any form to any third party (including to any other potential lenders) without the express written consent of the Bank.*

Thank you for the opportunity to provide this proposal. We look forward to taking the next steps with you.

Sincerely,



Denise Schneyer Negron, CFP®  
Vice President  
Private Client Group

Borrower's Direction to Proceed:

By:

Date:

PO Box 025620  
Miami, FL 33102-5620  
citynational.com  
Member FDIC | Equal Housing Lender

# Transportation

## RESOLUTION 775

### RESOLUTION ENDORSING AND SUPPORTING THE MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION'S STRATEGIC MIAMI AREA RAPID TRANSIT (SMART) PLAN

**WHEREAS**, in 2002, the electors of Miami-Dade County approved the imposition of a one-half percent surtax with the purpose of improving, among other things, mass transit within the County through the People's Transportation Plan (PTP); and

**WHEREAS**, the PTP includes rapid transit corridors to be developed throughout Miami-Dade County; and

**WHEREAS**, the Miami-Dade Transportation Planning Organization (TPO), through its Transit Solutions Committee, received and considered input from transportation partner agencies, elected officials, and the public at large in order to designate six rapid transit corridors as a high priority; and

**WHEREAS**, on February 16, 2016, the Miami-Dade TPO Governing Board unanimously approved a policy to set as "highest priority" for this community the advancement of Rapid Transit Corridors and transit supportive projects in Miami-Dade County; and

**WHEREAS**, on April 21, 2016, the Miami-Dade TPO Governing Board reviewed and unanimously endorsed the SMART Plan; and

**WHEREAS**, the SMART Plan intends to advance six of the rapid transit corridors, along with a network system of bus enhanced rapid transit service, and further approves the advancement of all six corridors to the Project Development and Environment (PD&E) phase, which will finalize the technology and cost estimate for each corridor and enable each project to move to final design and construction; and

**WHEREAS**, these projects are of tremendous importance and benefit to the community and will be transformative in its impact on public transportation.

**PASSED AND ADOPTED** on this 20th day of March, 2018 by the Village Council of Indian Creek Village, Florida.

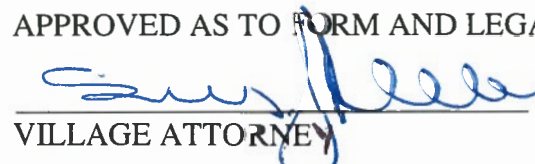
APPROVED:

  
Vice-Mayor Holtz

ATTEST:

  
VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
VILLAGE ATTORNEY

# SMART | STRATEGIC MIAMI AREA RAPID TRANSIT PLAN



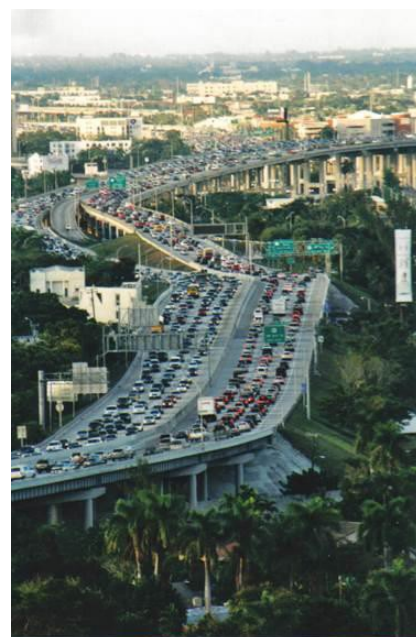
*Concept Design of Downtown MiamiCentral Development and Brightline Train Station Currently Under Construction*



# SMART PLAN OVERVIEW

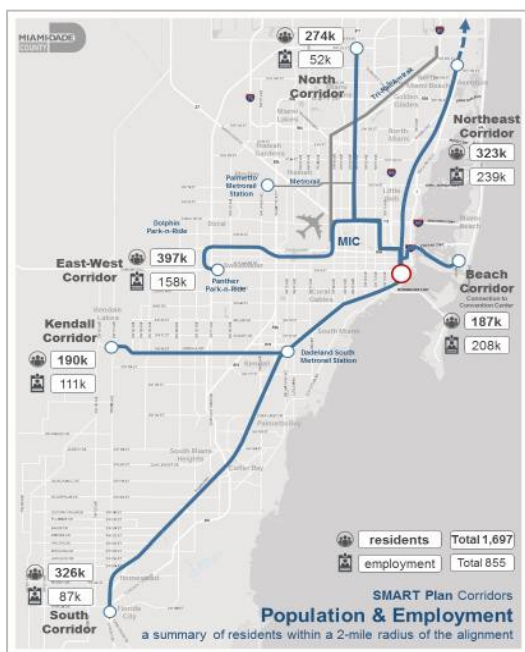
The **Strategic Miami Area Rapid Transit (SMART) Plan** is a bold infrastructure investment program of projects that will significantly improve transportation mobility, provide a world-class transit system that will support economic growth and competitiveness in the global arena. Miami is a global hub representing not only the Gateway of the America's, but also the nation's southeast capital for international freight and cargo, as well as the number one passenger cruise port in the world. Miami-Dade County is the most populous county in Florida, representing 2.7 million residents, and the Miami Urbanized Area is the 4<sup>th</sup> most populous in the U.S. with over 5.5 million people. Miami-Dade Mayor Carlos A. Gimenez, along with the Miami-Dade Transportation Planning Organization (TPO) Governing Board, has declared the advancement of the SMART Plan as the top priority for Miami-Dade County, which is strongly supported by public and private sector partners, residents, and other elected officials.

The SMART Plan represents a vision for our region that is both strategic and far-reaching, creating a system of multiple transportation options by leveraging existing infrastructure, and integrating technology at the highest levels. The plan is comprehensive, proactive, and supports the future population and employment growth anticipated in our region.

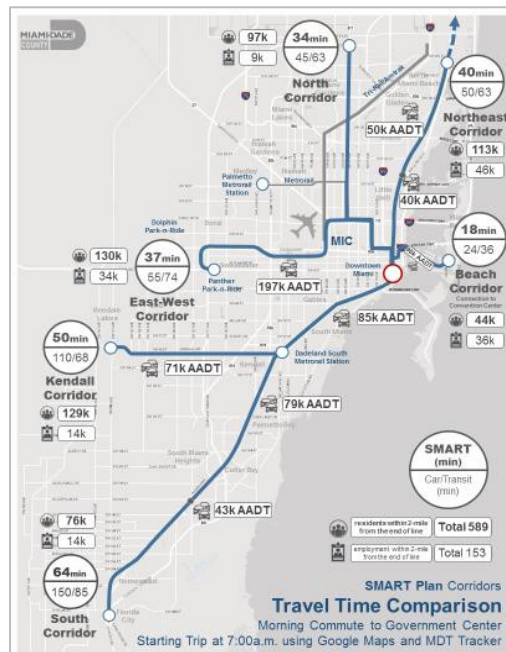


*I-95 Congestion Miami, Florida*

The Federal Highway Administration (FHWA) estimates the annual cost of congestion to motorists in urban areas is approximately \$7 billion. This represents a significant cost and economic disadvantage that if not addressed, will result in urban areas like Miami being left behind.



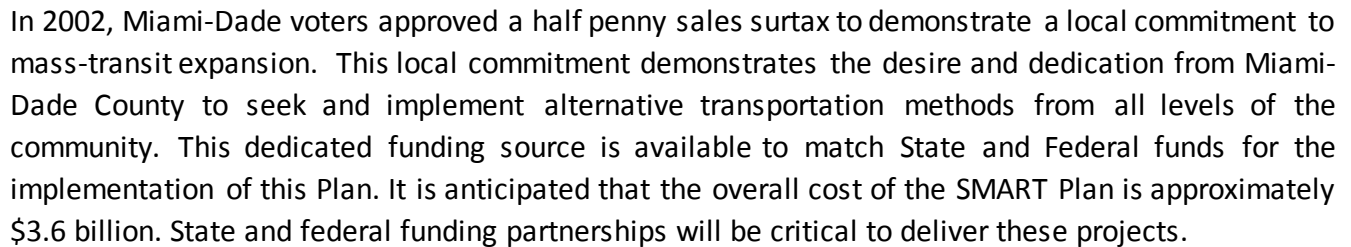
*Miami-Dade Population & Employment*



*Miami-Dade Travel Time Comparison*

- **Beach Corridor:** Highest tourist demand in region with major employment centers.
- **East-West Corridor:** Heaviest commuter travel for international, state and local businesses.
- **Kendall Corridor:** One of the most congested arterial roadways with the highest demand.
- **North Corridor:** Key regional mobility linkage for access to jobs, stadium and educational facilities.
- **Northeast Corridor:** High transit demand and part of a critical regional corridor stretching to Palm Beach County.
- **South Corridor:** Experiencing the fastest population growth in Miami-Dade County.

- How many Floridians will benefit from the SMART Plan? An estimated 1.7 million people live within a 2 mile radius of the SMART Plan alignments, representing approximately 63% of the most populous county in Florida.



# Strategic Miami Area Rapid Transit (SMART) Plan



Miami-Dade Transportation Planning Organization

MIAMI-DADE COUNTY

KENDALL CORRIDOR

SOUTH DADE TRANSITWAY

Homestead

Florida City

Miami Gardens Station

Miami Lakes

Dolphin Station

Tamiami Station

FIU Panther Station

Miami Executive Airport

Palmetto Metrorail Station

Doral

Civic Center Metrorail Station

Miami Intermodal Center

Coral Gables

Pinecrest

Palmetto Bay

Cutler Bay

Unity Station  
Miami Gardens

Golden Glades Intermodal Terminal

Aventura

Miami Beach

Miami Beach Convention Center

BEACH CORRIDOR

Downtown

Miami Central Station

## LEGEND

Terminal

Existing Metrorail

Existing Tri-Rail

\*Map Not Drawn to Scale



RAPID TRANSIT CORRIDORS:  
(In alphabetical order)

- 1 Beach Corridor
- 2 East-West Corridor
- 3 Kendall Corridor
- 4 North Corridor
- 5 Northeast Corridor
- 6 South Dade Transitway

BUS EXPRESS RAPID TRANSIT (BERT) NETWORK

- a Flagler Corridor
- b S. Miami-Dade Express
- c N.W. Miami-Dade Express
- d S.W. Miami-Dade Express
- e Florida Turnpike Express
- f1 Beach Express North
- f2 Beach Express Central
- f3 Beach Express South



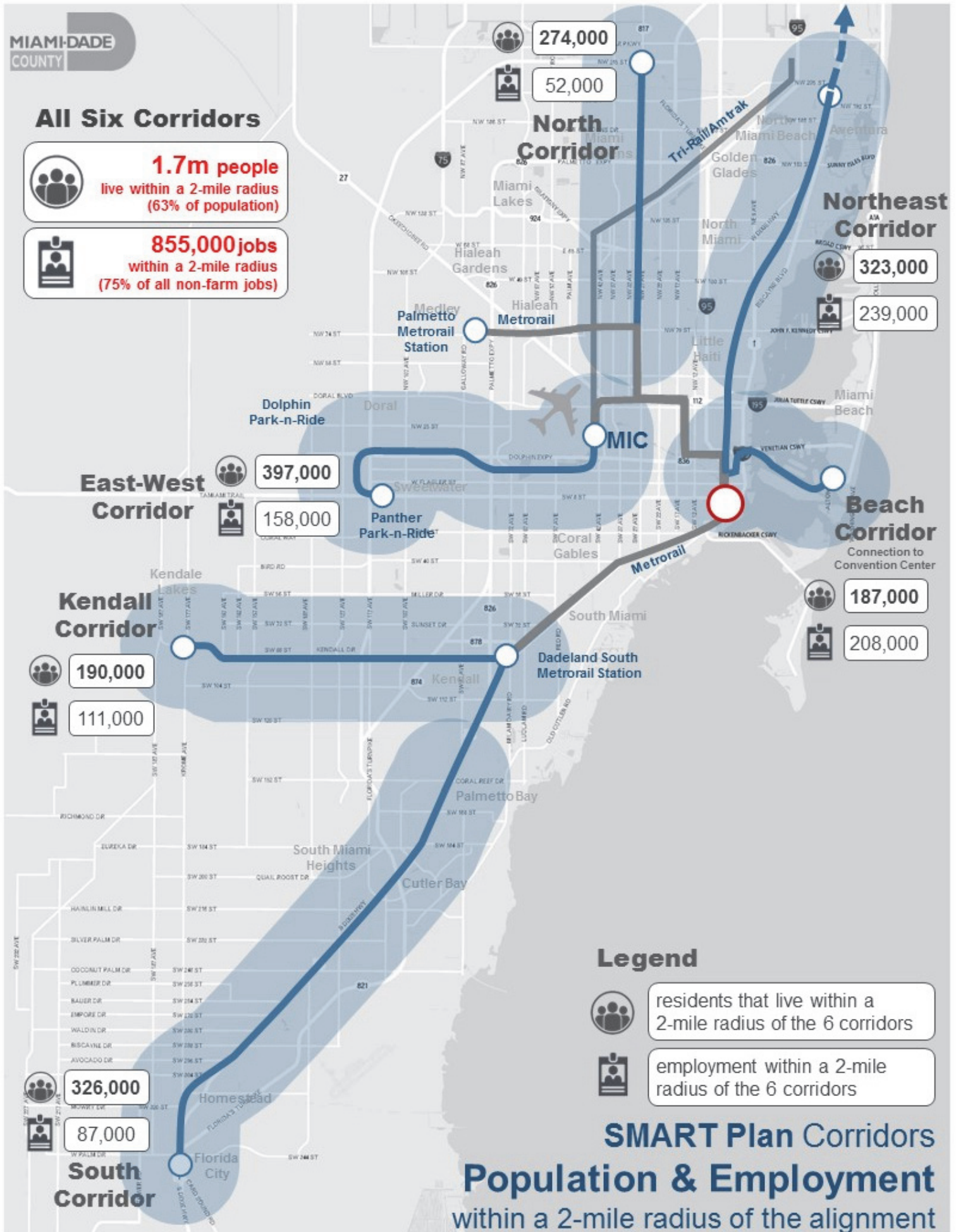
## All Six Corridors



**1.7m people**  
live within a 2-mile radius  
(63% of population)



**855,000 jobs**  
within a 2-mile radius  
(75% of all non-farm jobs)



## Legend



residents that live within a  
2-mile radius of the 6 corridors



employment within a 2-mile  
radius of the 6 corridors

# SMART Plan Corridors Population & Employment within a 2-mile radius of the alignment



# All About the Smart Corridors

The SMART Corridors have advanced to the Project Development and Environmental (PD&E) Phase where the appropriate analysis will determine the specific next steps.

## Beach Corridor

The Beach Corridor (formally known as Bay Link) is an important connection between the mainland and Miami Beach. It will integrate with other existing and proposed transit services on both sides of Biscayne Bay. A vital link between two key economic engines, Miami International Airport (MIA) and PortMiami, this SMART Plan corridor will improve conditions in the area and serve anticipated growth.

Metrorail currently provides a direct connection between MIA and Downtown Miami. This SMART Plan corridor will provide the final link to destinations most frequented by millions of visitors each year. Additionally, this will also serve the surrounding entertainment and commercial sectors for local residents and employees traveling across the Bay or connecting from outside the area.

Providing a transit alternative near Miami Beach will help locals and visitors with their travel needs during peak travel times and special events. Important consideration will also be taken to coordinate future transit improvements with major development now occurring in Downtown Miami.

## East-West Corridor

The East-West Corridor runs mostly along State Road 836 (Dolphin Expressway), which contains numerous businesses that are critical to the local economy, including office parks, warehouses, and industrial activity. The Dolphin Expressway and other neighboring east-west corridors, such as Flagler Street and SW 8th Street, connect directly to Downtown Miami. These are some of the most heavily traveled and congested roadways in Miami-Dade County. A rapid transit service along this corridor will provide an important link between major regional, state, and international activity centers, such as the Miami Intermodal Center (MIC), MIA, and Florida International University (FIU), with its annual enrollment of more than 50,000 students.

Other transit upgrades nearby are currently being advanced by the Miami-Dade TPO and partner agencies as part of the effort to prioritize public transportation in the region. New multimodal transit terminals and Park-and-Rides, known as the "Dolphin Station" and "Panther Station," are planned and/or underway at the western end of the corridor.

## Kendall Corridor

The Kendall Corridor is an important connection between the County's western residential areas and employment centers, shopping areas, major expressways, and Metrorail stations further to the east. Kendall Drive is a heavily traveled roadway by a sizable portion of the population. As a result, it experiences high levels of traffic congestion. A rapid transit link along Kendall Drive will provide alternative options for traveling the corridor and connecting to other premium transit services such as Metrorail.

The Miami-Dade TPO is planning for other infrastructure improvements such as Park-and-Ride facilities that will supplement a rapid transit route. These Park-and-Ride locations and multimodal transit terminals will provide more opportunities for connections between surrounding neighborhoods and other parts of the County. This corridor is an example of how land use is integrally tied to transportation, and how strategic improvements can result in effective mobility options in areas with auto-oriented development patterns.

**Highest tourist demand  
in Region with major  
employment centers**



**High demand corridor  
supporting local, regional,  
and global businesses**



**Critical east-west  
commuter demand  
corridor**



## North Corridor

The North Corridor runs along NW 27th Avenue, extending from the MIC at MIA to NW 215th Street, near the Miami-Dade/Broward County line. This roadway is a key component of the transportation system, because it is one of the few continuous north-south arterial corridors in Miami-Dade County. It serves as a gateway to the central part of the South Florida region to the north. This corridor is also ripe for potential infill and redevelopment opportunities, such as transit oriented developments (TOD), which would be further supported by a new rapid transit service.

The Miami-Dade TPO has prioritized funding for implementing a new transit terminal and Park-and-Ride facility at the northern end of this corridor. This Park-and-Ride, known as "Unity Station," will be located near the Broward County line at NW 215th Street and the Florida's Turnpike. The Miami-Dade TPO is also coordinating with the Broward MPO to determine potential options for extending this future service further north in order to create a truly regional rapid transit route.

## Northeast Corridor

The Northeast Corridor is a regional connection that links Miami-Dade County with neighbors to the north via the Florida East Coast (FEC) Railway. The corridor is currently used only for freight traffic, but multiple development plans are planned to transform this corridor for passenger service over the next few years.

The MiamiCentral Station development, currently under construction in Downtown Miami, will eventually serve as the terminus station for multiple new passenger rail services along this corridor. All Aboard Florida's intercity "Brightline" service will connect the major downtown areas between Miami and Orlando. Additionally, the South Florida Regional Transportation Authority (SFRTA) is planning to expand its Tri-Rail service to provide one-seat rides to MiamiCentral Station. The TPO has been working with SFRTA and the Florida Department of Transportation (FDOT) to conduct the necessary planning efforts related to this service. These include working with local communities to ensure station locations are integrated with surrounding land uses and development.

## South Dade Transitway

The South Dade Transitway (formerly known as South Link) is a 20-mile exclusive busway that operates local and limited stop Metrobus service between the Dadeland South Metrorail Station and Florida City. There are currently 30 Metrobus stations and six Park-and-Ride facilities along this corridor.

Recent projections indicate that the southern portion of Miami-Dade County will experience approximately 50 percent increase in population and 65 percent increase in employment by 2040, which represents the highest growth rate in the County. Communities in this area are growing, and as a result, will experience an increasing demand for transportation infrastructure and services.

In addition to assessing the overall costs and benefits of different service options, passenger amenities will be evaluated as a part of the corridor development process. These potential improvements will help increase the system's reliability, decrease transit travel time, and enhance the overall ridership experience.

**Key regional mobility linkage for access to jobs, stadium, and educational facilities**



**High transit demand and critical regional corridor stretching to Palm Beach County**



**Experiencing the fastest population growth in Miami-Dade County**





**Miami-Dade Transportation  
Planning Organization**

**111 NW 1st Street, Suite 920**

**Miami, FL 33128-1916**

**(305) 375-4507**

**[www.miamidadetpo.org](http://www.miamidadetpo.org)**

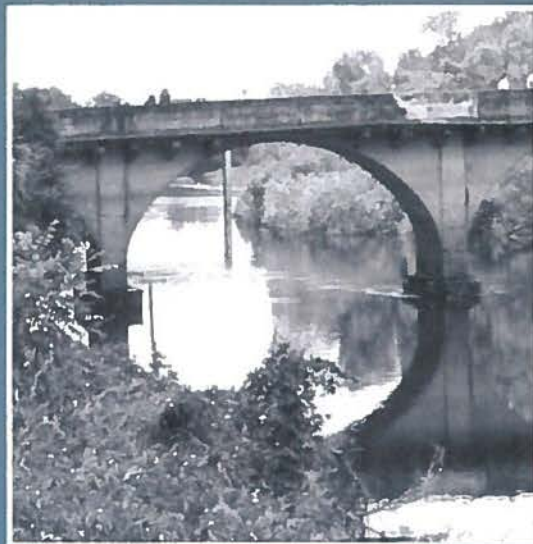
**#MiamiSMARTPlan**

*The Miami-Dade TPO has set a policy that assures that no person shall on the basis of race, color, national origin, sex, age, disability, family, or religious status, as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, and the Florida Civil Rights Act of 1992, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation under any program or activity. It is the policy of the Miami-Dade TPO to comply with all of the requirements of the Americans with Disabilities Act (ADA). To request this document in accessible format, please call (305) 375-1881. If you are interested in participating in the transportation planning process, please contact the Miami-Dade TPO at (305) 375-4507.*

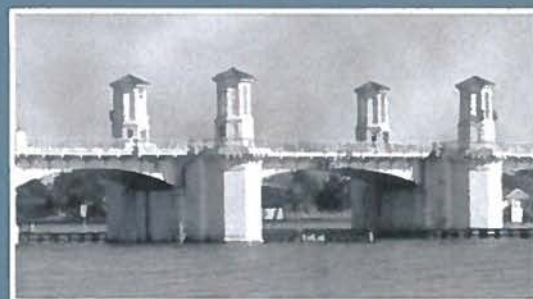
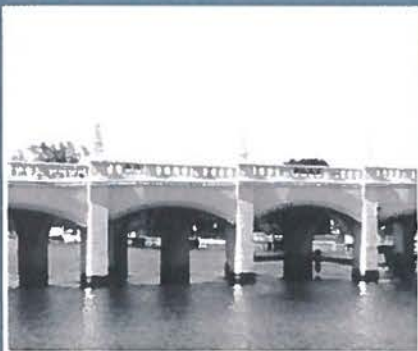








# HISTORIC HIGHWAY BRIDGES OF FLORIDA



Environmental Management Office • Florida Department of Transportation • Tallahassee, Florida



## The Indian Creek Bridge, Miami-Dade County

A 13-span, 367-foot-long reinforced concrete tee-beam bridge, the Indian Creek Bridge provides access to the village of Indian Creek, an island community in Biscayne Bay. Designers lavished attention on the aesthetic qualities of the bridge, transforming a technologically standard bridge type into an impressive architectural structure. The concrete girders are arched and the central span has been lengthened to suggest a stylized bascule. Extending up the face of the bridge are pilasters that connect the piers to the short, square columns that form a part of



*The Indian Creek Bridge provides access to the island community of Indian Creek in Miami-Dade County.*

the ornate railings. Tapered pylons stand on top of each column, and alternating pylons function as light fixtures. The railings feature a Neoclassical Revival motif, with urn-shaped balusters topped by a heavy concrete cap.

Designed by engineer Richard A. Belsham with assistance by construction architect Robert A. Taylor, both local men, the structure was built during 1929 and 1930 for the Indian Creek Golf Club. Construction was undertaken by the R. G. Lassiter Company of North Carolina, whose president, Robert G. Lassiter, owned a home in the Miami Beach area and may have been a club member.

The Indian Creek Bridge is a historically important structure. It represents a superior example of decorative architectural treatment of a standard concrete bridge. In addition, its age, prominent place in the Indian Creek community, and construction by an important builder substantially enhance its value.

## **BRIDGE**

### **ORDINANCE / RESOLUTIONS**

**1. Ordinance # 206 – November 13, 2012**

AN ORDINANCE OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA AMENDING CHAPTER 22, TRAFFIC AND VEHICLES, OF THE CODE OF ORDINANCES BY CREATING A NEW SECTION 22-7 ENTITLED USE OF ISLAND BRIDGE, ESTABLISHING SAFETY STANDARDS INCLUDING VEHICLE SIZE AND WEIGHT LIMITATIONS, PROVIDING FOR EXCEPTIONS TO SUCH LIMITATIONS, PROVIDING FOR AN EFFECTIVE DATE AND INCLUSIONS IN THE CODE.

**2. Resolution # 708 – February 19, 2013**

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, DECLARING OFFICIAL INTENT UNDER U.S. TREASURY REGULATIONS WITH RESPECT TO REIMBURSEMENTS FROM NOTE AND BOND PROCEEDS OF TEMPORARY ADVANCES MADE FOR PAYMENTS OF BRIDGE EXPENDITURES PRIOR TO ISSUANCE; AUTHORIZING EXPENDITURE; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.

**3. Resolution # 715 – April 17, 2013**

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA APPROVING PROPOSAL FROM NEW MILLENNIUM DESIGN CONSULTANT, INC. FOR BRIDGE EVALUATION ANALYSIS.

**4. Resolution # 723 – December 17, 2013**

A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA APPROVING AN AGREEMENT WITH NEW MILLENNIUM DESIGN CONSULTANTS, INC. FOR DESIGN ENGINEERING SERVICES FOR THE INDIAN CREEK BRIDGE REFURBISHMENT; AUTHORIZING THE VILLAGE MANAGER TO EXECUTE ON BEHALF OF THE VILLAGE THE AGREEMENT WITH NEW MILLENNIUM DESIGN CONSULTANTS, INC., SUBJECT TO THE APPROVAL OF THE VILLAGE ATTORNEY; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

**5. Resolution # 727 – March 18, 2014**

A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA AUTHORIZING THE TEMPORARY BORROWING OF FUNDS FROM THE STORMWATER UTILITY FUND AND THE WATER UTILITY FUND, IN AN AMOUNT NOT TO EXCEED \$1,200,000, IN ANTICIPATION OF THE RECEIPT OF SURPLUS AD VALOREM TAXES, TELECOMMUNICATIONS SERVICES SPECIAL ASSESSMENTS AND BRIDGE SPECIAL ASSESSMENTS; PROVIDING FOR AN EFFECTIVE DATE

**6. Resolution # 756 – June 14, 2016**

RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, SELECTING ABC CONSTRUCTION INC. FOR THE OPTIMIZED REHABILITATION OF THE INDIAN CREEK VILLAGE ISLAND BRIDGE; PROVIDING FOR AUTHORIZATION TO ENTER INTO A CONTRACT WITH ABC CONSTRUCTION INC.; AND PROVIDING FOR IMPLEMENTATION AND AN EFFECTIVE DATE.

**7. Resolution # 757 – September 06, 2016**

RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, APPROVING A BUDGET AND A FINANCING/BORROWING PLAN FOR THE REHABILITATION AND RESTORATION OF THE INDIAN CREEK VILLAGE ISLAND BRIDGE; ESTABLISHING A PRELIMINARY ASSESSMENT PLAN; PROVIDING FOR IMPLEMENTATION AND AN EFFECTIVE DATE.

**8. Resolution # 773 – February 20, 2018**

A RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, RELATING TO OPTIMIZED BRIDGE REPAIRS; DECLARING THE IMPOSITION OF A SPECIAL ASSESSMENT FOR SAID REPAIRS; ESTABLISHING THE METHOD BY WHICH THE PROPOSED ASSESSMENT SHALL BE MADE; DESIGNATING THE LANDS UPON WHICH THE ASSESSMENT SHALL BE LEVIED; STATING THE COST OF THE BRIDGE IMPROVEMENT AND THE INITIAL BRIDGE IMPROVEMENT ASSESSMENT; DIRECTING THE PREPARATION OF A PRELIMINARY ASSESSMENT ROLL; AUTHORIZING A PUBLIC HEARING AND DIRECTING THE PROVISION OF NOTICE THEREOF; PROVIDING FOR SEVERABILITY AND AN EFFECTIVE DATE.



## OPTIMIZED BRIDGE REHABILITATION PROJECT



November - December 2016



# 2017 BRIDGE LIGHTS IMPROVEMENT

**BEFORE**



**AFTER**



**ORDINANCE NO. 206**

**AN ORDINANCE OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA AMENDING CHAPTER 22, TRAFFIC AND VEHICLES, OF THE CODE OF ORDINANCES BY CREATING A NEW SECTION 22-7 ENTITLED USE OF ISLAND BRIDGE, ESTABLISHING SAFETY STANDARDS INCLUDING VEHICLE SIZE AND WEIGHT LIMITATIONS, PROVIDING FOR EXCEPTIONS TO SUCH LIMITATIONS, PROVIDING FOR AN EFFECTIVE DATE AND INCLUSION IN THE CODE**

**WHEREAS**, Indian Creek Village, (the “Village”) is the owner of the Indian Creek Island bridge a/k/a Surfside Boulevard Bridge No. 876100 (the “Bridge”); and

**WHEREAS**, the Village maintains and repairs the Bridge for the benefit of the owners of land on Indian Creek Island; and

**WHEREAS**, the Village regularly monitors the use and condition of the Bridge and from time to time causes inspections of the Bridge to be made by professional engineers; and

**WHEREAS**, based upon the age and use of the Bridge, the engineers have recently recommended that new use limitations on the Bridge be imposed to insure safe travel and to preserve the useful life of the structure; and

**WHEREAS**, the engineering recommendations are to reduce the permitted weight of vehicles to 16 tons and limit the number of trips/passage at any one time; and

**WHEREAS**, the Village Council finds that the engineers’ recommendations are in the best interest of the health, safety and welfare of the residents.

**NOW, THEREFORE, IT IS HEREBY ORDAINED BY THE VILLAGE COUNCIL OF THE INDIAN CREEK VILLAGE, FLORIDA, AS FOLLOWS<sup>1</sup>:**

**Section 1.** The preceding “Whereas” clauses are ratified and incorporated as the legislative intent of this Ordinance.

**Section 2.**     **Creating Section 22-7 of the Village Code.** The Village Council hereby amends Chapter 22 “Traffic and Vehicles” by creating Section 22-7 “Use of Island Bridge” of the Village Code of Ordinances as follows:

**Sec. 22-7. - Use of Island Bridge.**

(a)     Maximum Weight. No motor vehicle (including any material or equipment in or on said vehicle) shall be permitted passage across on the Bridge if said vehicle exceeds a gross weight of 16 tons.

(b)     Regulations. The Village Manager, by administrative order, shall, from time to time, adopt regulations that insure compliance with the weight limit established in Section (a) above and other limitations/restrictions recommended by the Village’s engineers. Those regulations shall provide for a process to grant limited waivers of the weight limitation where the Village Manager is sufficiently satisfied that safeguards are taken to protect the Bridge and its users, and only when the Village Manager determines there are no feasible alternatives to passage.

**Section 3.**     **Codification.** It is the intention of the Village Council that the provisions of this Ordinance become and be made part of the Village Code, and that the Sections of this Ordinance and Code may be renumbered or relettered and the word “ordinance” may be changed to “section” or such other appropriate word or phrase to accomplish such intentions.

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<sup>1</sup> Coding: underlined words are added to existing text.

**Section 4.**    **Effective Date.**    This Ordinance shall become effective immediately upon adoption on second reading.

PASSED AND ADOPTED on the first reading this 04<sup>th</sup> day of September, 2012.

PASSED AND ADOPTED on the second reading this 13<sup>th</sup> day of November, 2012.

  
\_\_\_\_\_  
MAYOR

ATTEST:

  
\_\_\_\_\_  
MARILANE LIMA, CMC, VILLAGE CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
\_\_\_\_\_  
VILLAGE ATTORNEY





# Zoning Map



- OPF** Other Public Facilities
- SFR** Single Family Residential
- REC** Recreational Area
- PBG** Public Buildings and Grounds

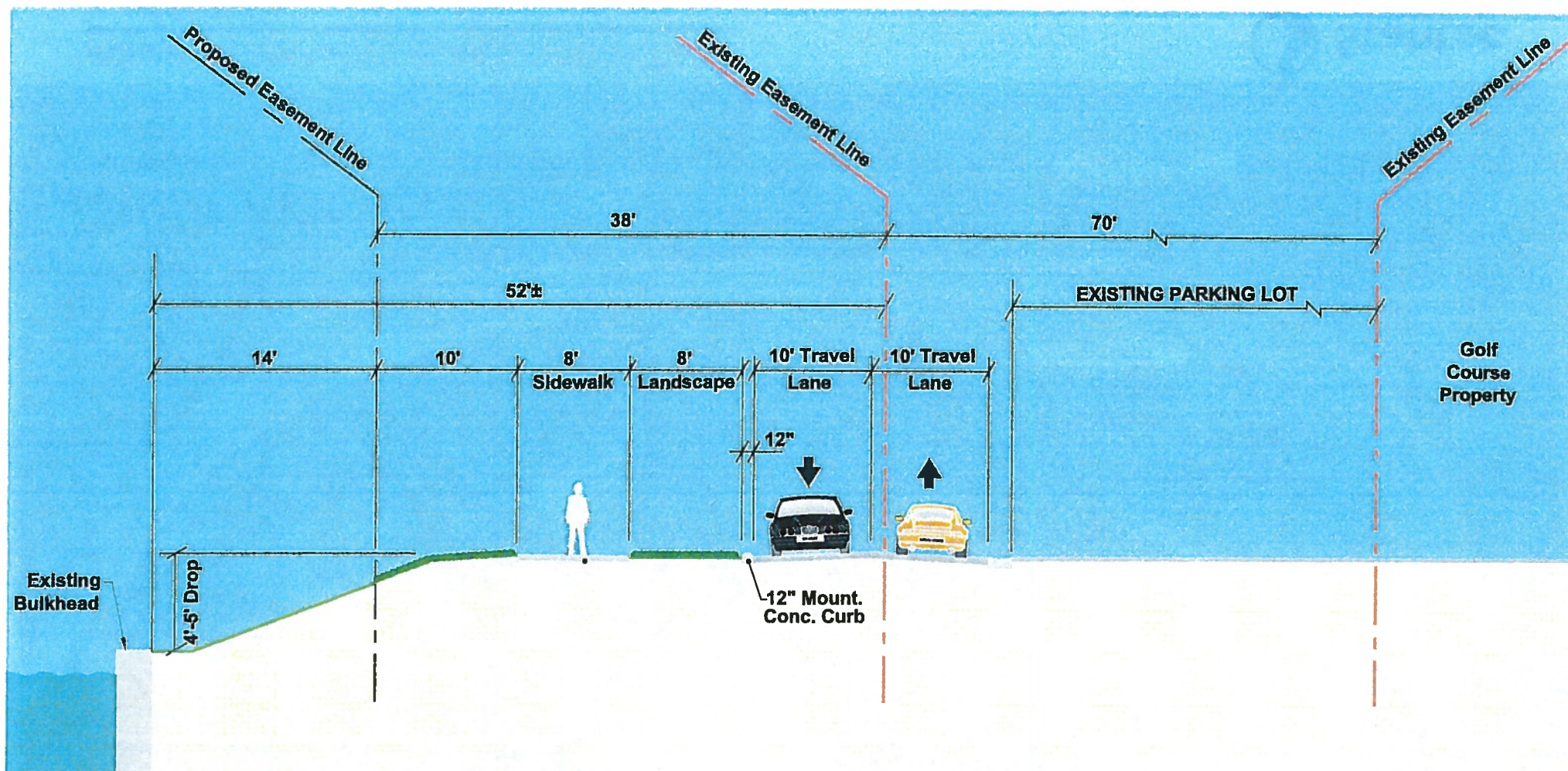




## INDIAN CREEK DRIVE NEAR COUNTRY CLUB

December 17, 2015





# INDIAN CREEK DRIVE TYP SECTION NEAR COUNTRY CLUB

December 17, 2015

## **MIAMI-DADE COUNTY FIRE RESCUE DISTRICT**

### **Process to Opt-Out of the Miami-Dade Fire Rescue District**

At the July 2, 2007 Village Council meeting Resolution # 621 was unanimously adopted Opting Out of the Miami-Dade County Fire and Rescue Service District pursuant to the legal mechanism in place at that time. The Resolution authorizes the Village to establish its own Village Fire Rescue Department by and through the contracting of services to the City of Miami Beach. Prior to entering into an agreement with Miami Beach a fire department study must be undertaken to establish that the City of Miami Beach's proposal for fire/rescue services are adequate to meet the Village's need at a significant lower cost. A vote to obtain public support on its decision to withdraw must be held and was authorized by this Resolution.

The Village Council authorized the Village Manager at their November 12, 2007 meeting to execute the letter agreement dated November 6, 2007 with System Planning Corporation, Tri-Data Division, to prepare an assessment of the coverage and service levels available from the County as compared to those which may be offered by Miami Beach Fire Rescue at a cost of \$ 12,500. The report was received and accepted by the Village Council at the January 22, 2008 meeting. Our consultant concluded the Village will receive an adequate level of fire protection from the Miami Beach Fire Rescue Department. Resolution # 628 adopted December 13, 2007 called for a special Election on Friday, February 15, 2008. The results were 20-0. Resolution # 634 adopted March 24, 2008 accepted the results of the election. At the same Council meeting the law firm of Akerman Senterfit was retained to assist with the withdrawal from the District.

### **Indian Creek Opted-Out of the Countywide Fire Rescue**

§ 6.02 of the Dade County Charter provides municipalities with the right to "provide for higher standards of service than those provided by the Board of County Commissioners in order that its individualized character and standards may be preserved for citizens". The County has improperly revoked a municipality's right to opt-out of the countywide fire district, and such revoking of a municipality's right to "opt-out" precludes cities from effectively providing fire and rescue services independent of the County. The County's revocation of Indian Creek Village's right to opt-out of the Fire District infringes on the municipality's right under § 6.02 of the County Charter.

In July 2007, Indian Creek Village opted-out of the countywide fire and rescue district, and it immediately advised the County that it was opting out of the Fire District. One month later, the County repealed the right of any municipality to opt-out of the Fire District. Indian Creek Village maintains that its decision to opt-out



was effective in July 2007, and the County's repeal in August 2007 of the opt-out right and procedure cannot be retroactively applied to Indian Creek Village's decision in July 2007.

### **Status of Opt-Out Claims**

The County moved for a summary judgment on its claim that Indian Creek Village illegally opted out of the Fire District with its decision to do so in July 2007, and its election in February 2008. The Court, Judge Sigler, denied the County's request for a summary judgment noting that Indian Creek Village had certain rights to provide higher standards of fire and rescue services under § 6.02 of the County's Charter. The County then attempted to amend the Charter by adding § 6.03, which, if passed, would effectively eliminate a municipality's rights to provide fire and rescue services under § 6.02. Any amendment to the Charter, however, requires the approval of the voters. Indian Creek Village then moved for summary judgment and the Court granted the motion at the hearing held on March 11, 2009.

On April 2<sup>nd</sup>, Judge Hubbart entered an Order granting Indian Creek Village a Summary Judgment, and entered a Final Judgment in favor of Indian Creek Village.

The Court has determined that Indian Creek Village was legally entitled to opt-out of the Fire District, and that Indian Creek Village had complied with all of the requirements for doing so. Effectively, this means that Indian Creek Village has opted-out of the District, and that such opt-out is effective for Indian Creek Village on October 1, 2010. Indian Creek Village may also opt back into the Fire District under the provisions of the County's current Ordinance 03-69.

There are no further issues remaining for this "opt-out" litigation.

### **Claim That Ballot Question and Summary Were Misleading and Deceptive**

The purpose of amending the County Charter was to limit a municipality's rights under § 6.02 for a municipality to provide its own fire and rescue services. Florida law requires that any ballot question proposing to amend the County's Charter contain a statement explaining the chief purpose of the amendment in clear and unambiguous language. The ballot question and summary spoke of "creating" a Fire District (when one had been in existence for almost 30 years), and it failed to mention that its chief purpose or primary effect was to eliminate or curtail a municipality's right to provide fire and rescue services under § 6.02 of the Charter. Election was set for November 4, 2008.

### **Trial Court Grants Injunction**

The trial court, Judge Hubbard, agreed with Indian Creek Village and enjoined the Supervisor of Elections from tabulating the ballots on the proposed charter amendment. The trial court essentially found that the ballot question and summary were misleading because its direct purpose was to preclude municipalities from opting out of the Fire District. The County filed an emergency appeal.

### **Appellate Court Affirms Injunction / Renders Opinion**

On an expedited basis, the appellate basis, the appellate court ordered briefing by the parties and set oral argument for October 29<sup>th</sup>. On October 31<sup>st</sup>, the Court rendered its opinion affirming the trial court's granting of an injunction, which precluded the Supervisor of Elections from counting the votes on the Charter amendment. The Court also rendered an opinion.

The appellate court found the ballot question was misleading and deceptive. The Court opined strongly against the County's efforts to mislead the voters, and it reaffirmed in various ways the municipalities' rights to provide services to its citizens. The Court stated that "section 6.02 must – and does mean – municipalities have a right to provide services independently of those services provided by the County." The court also held that "it is self-evident from the language and placement of the proposed amendment to the Charter is a direct attempt to curtail municipal powers set forth in Article 6."

The appellate court, on October 31, 2008, denied the County's motion to have the appeal reheard or to have it considered *en banc*, i.e., by the entire appellate court. The County's motion to have the appellate court certify the case to the Florida Supreme Court as one of great public importance was also denied.

The County then sought discretionary jurisdiction to the Florida Supreme Court on the basis that the opinion of the Third District represented a "conflict" with opinions previously rendered. On February 24, 2009, the Florida Supreme Court denied the County jurisdiction over the case, which effectively ended the ballot question litigation.

### **MIAMI-DADE FIRE-RESCUE RESPONSES TO INDIAN CREEK VILLAGE**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL	AVE
Life Threatening	7	3	4	8	3	6	2	4	8	2	3	50	4.5
Non-Life Threatening	0	1	0	4	2	1	1	0	1	1	7	18	1.6
Structure and Other Fire	4	5	5	11	3	3	1	5	0	9	8	54	4.9
Other	<u>2</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>13</u>	<u>1.1</u>
Total incidents	13	9	9	25	10	10	4	9	10	14	22	135	12.2
Total Units Dispatched	<u>20</u>	<u>14</u>	<u>23</u>	<u>70</u>	<u>30</u>	<u>18</u>	<u>6</u>	<u>13</u>	<u>13</u>	<u>25</u>	<u>40</u>	<u>272</u>	<u>24.7</u>

**1. Miami-Dade County Meeting with County Manager George Burgess on November 19, 2007**

1. Mayor Klepach and Village Manager Kissinger attend

**2. September 4, 2008 - Miami-Dade County of Board of Commission Meeting**

Mayor Klepach, Village Manager Kissinger and Jose Villalobos attend

**3. Miami Beach Council Meetings attended by Village Representatives**

1. May 13, 2009
2. October 14, 2009
3. March 5, 2014 - (Item RQI: Discussion regarding providing Fire Service to Indian Creek)

**4. Indian Creek Council Meetings attended by Miami Beach Commissioner Jonah Wolfson**

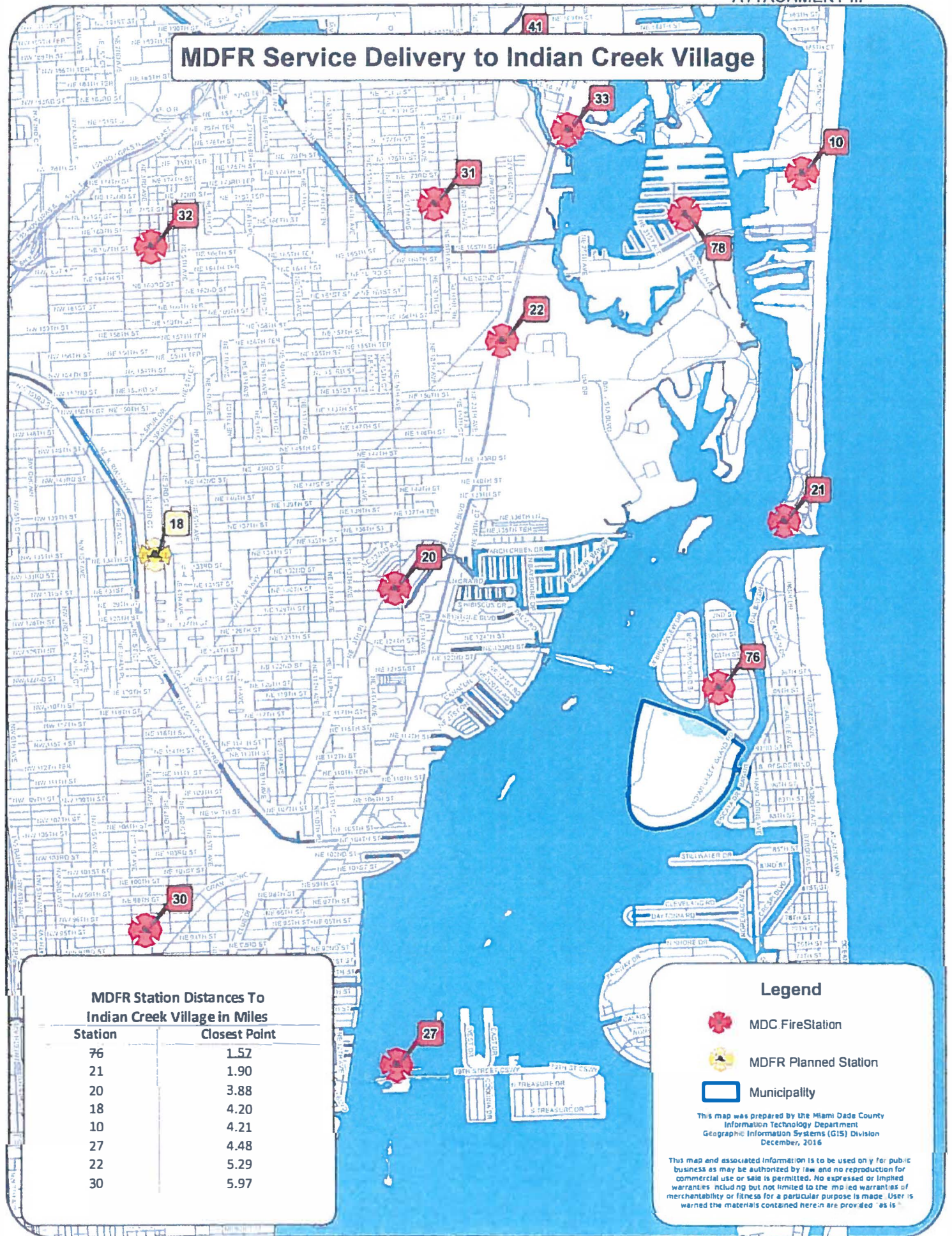
1. September 1, 2009
2. May 19, 2010

**5. January 7, 2014 - Meeting with Mayor Philip Levine, Miami Beach, FL**

1. Mayor Klepach and Village Manager attend meeting with Mayor Levine



# MDFR Service Delivery to Indian Creek Village







# INDIAN CREEK VILLAGE

## PUBLIC SAFETY STREETSCAPE IMPROVEMENTS MASTER PLAN

MARCH 4, 2009



## **STREETSCAPE IMPROVEMENTS AND MASTER PLAN**

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ORDINANCE # 198

April 20, 2010

### **PUBLIC ROAD IMPROVEMENTS MANUAL**

AN ORDINANCE OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, PROVIDING FOR CERTAIN PUBLIC ROAD IMPROVEMENTS, PROVIDING FOR THE ADOPTION OF THE DESIGN GUIDELINES AND SPECIFICATIONS MANUAL FOR INDIAN CREEK ISLAND ROADWAYS; PROVIDING FOR COMPLIANCE WITH SUCH DESIGN GUIDELINES AND SPECIFICATIONS; PROVIDING FOR THE SUBMITTAL OF ALTERNATIVE DESIGN FOR ROADWAYS; PROVIDING FOR ENFORCEMENT AND PENALTIES; PROVIDING FOR SEVERABILITY, IMPLEMENTATION, INCLUSION IN THE CODE AND PROVIDING FOR AN EFFECTIVE DATE. (DESIGN GUIDELINES AND SPECIFICATIONS MANUAL).

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RESOLUTION # 675

May 18, 2010

### **PREPARE A SCHEDULE OF SOURCE OF FUNDS AND BUDGET**

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, AUTHORIZING AND DIRECTING THE VILLAGE MANAGER TO PREPARE A SCHEDULE OF SOURCE OF FUNDS AND BUDGET FOR THE ENTRANCE IMPROVEMENTS PROJECT; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE.

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RESOLUTION # 674

May 18, 2010

### **AWARDING THE ENTRANCE IMPROVEMENTS PROJECT TO ABC CONSTRUCTION, INC**

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, AUTHORIZING AND AWARDING THE ENTRANCE IMPROVEMENTS PROJECT TO ABC CONSTRUCTION, INC.; AUTHORIZING THE VILLAGE MANAGER TO IMPLEMENT THE ENTRANCE IMPROVEMENTS PROJECT, INCLUDING EXECUTION OF A CONTRACT FOR CONSTRUCTION; AND PROVIDING FOR AN EFFECTIVE DATE.

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RESOLUTION #649

April 07, 2009

**OFFICIAL INTENT TO REIMBURSE BOND**

**A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, DECLARING OFFICIAL INTENT UNDER U.S. TREASURY REGULATIONS WITH RESPECT TO REIMBURSEMENTS FROM NOTE AND BOND PROCEEDS OF TEMPORARY ADVANCES MADE FOR PAYMENTS OF STREETScape AND PARK IMPROVEMENT EXPENDITURES PRIOR TO ISSUANCE; AUTHORIZING EXPENDITURE; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.**

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RESOLUTION # 647

April 07, 2009

**PREPARE PLANS AND SPECIFICATIONS FOR MASTER PLAN**

**A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, APPROVING WORK ORDER FOR PROFESSIONAL SERVICES WITH ROSENBERG GARDNER DESIGN TO PREPARE PLANS AND SPECIFICATIONS FOR THE MASTER PLAN FOR THE PUBLIC SAFETY STREETScape AND PARK IMPROVEMENTS; AUTHORIZING VILLAGE MANAGER TO EXECUTE WORK ORDER; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.**

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RESOLUTION # 644

March 04, 2009

**MASTER PLAN FOR STREETScape IMPROVEMENTS**

**A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, ACCEPTING AND ADOPTING A MASTER PLAN FOR STREETScape IMPROVEMENTS; DIRECTING THE VILLAGE MANAGER AND THE VILLAGE ATTORNEY TO TAKE ALL ACTIONS NECESSARY AND APPROPRIATE TO IMPLEMENT SAID PLAN; PROVIDING FOR AN EFFECTIVE DATE.**

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RESOLUTION # 640

November 18, 2008

**PREPARE LANDSCAPE MASTER PLAN**

**A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, AUTHORIZING, AND DIRECTING THE VILLAGE MANAGER TO ENTER INTO A LETTER OF AGREEMENT (PURCHASING ORDER); WITH THE ROSENBERG GARDNER DESIGN TO PREPARE A LANDSCAPE MASTER PLAN; PROVIDED FOR AN EFFECTIVE DATE.**

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## **OPTIMIZED BRIDGE REHABILITATION PROJECT**



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### **Note:**

The above outline / Table of Contents was prepared to follow the Village Council actions and approvals of the OPTIMIZED BRIDGE REHABILITATION Project. All correspondence and reports may be found in a separate Book entitled "OPTIMIZED REHABILITATION PROJECT"

## **BACKGROUND**

### **Ownership**

On June 1, 1996 ownership was transferred by a Quit Claim Deed from the Indian Creek Country Club (I.C.C.C.) to the Village of Indian Creek (Village) in an “as is” condition with the Village assuming the responsibility for the condition of the Bridge (Resolution # 382 adopted May 20, 1996). At the time of transfer, the Bridge was in need of repairs costing approximately \$ 50,000. Those repairs were completed. The Vehicle Weight Limit at the time was 20 ton.

### **Bridge Over Indian Creek (876100)**

Richard A. Belsham, P.E. and Architect Robert A. Taylor notable designers of the time, designed the Bridge connecting Indian Creek Island to Surfside essentially in an art Nouveau design. The R. G. Lassiter Company, a Miami Beach based contractor, was responsible for constructing this Bridge in 1930. The 367-foot long re-enforced concrete Bridge was constructed with 13 spans of reinforced arched concrete tee-beams. While the distinctive arch features that flow from the north to the south side of the Bridge can be observed from the water and surrounding land. It is also notable that the Bridge showcases archways on the underside from one end of the Bridge to the other creating a “tunnel” effect. The concrete columns that are aesthetic pilasters extend up the face of the bridge, connecting the piers to the concrete posts of the stylish railings that run the length of the bridge on both sides. To further enhance the aesthetic qualities of this structure, tapered concrete pylons stand atop of each column and every other pylon provides accent lighting (16 lights). The Bridge structure continues to stand out from its modern slab concrete “art deco” counterparts found throughout Miami Beach.

Without a doubt, this historically significant bridge utilizes ornate architectural elements to create a beautiful gateway to the community of Indian Creek. Its historical relevance, combined with its prominent aesthetic features and importance to the Island residents have made it eligible for placement on the National Register of Historic Places.

### **Historical Significance**

The Bridge is recorded in the State of Florida’s official inventory of historical and cultural resources, “Florida Master Site File” (FMSF), record # DA 6439. It is considered eligible for inclusion in the National Register of Historic Places and has been documented in the Florida Department of Transportation (FDOT) publication, Historic Highway Bridges of Florida (December 2004) on page 124. Its age coupled with the architectural design and construction by a prominent builder contribute to the bridge’s significance.

## **2007 – 08 BRIDGE REHABILITATION PROJECT**

The bids for the Bridge rehabilitation project were opened November 24, 2004. The contract was executed November 15, 2006. Project started May 14, 2007. Final completion was January 9, 2008.

The improvements consisted of milling and resurfacing the bridge span, replacing the bridge expansion joints, repaired other deteriorated areas of the bridge such as walls, columns and decking, pressure washing, repaired a damaged light fixture and installed decorative street printing. The improvements were not structural in nature. The project did include maintenance repairs to temporarily protect the bridge from deterioration due to the aggressive environment. Project cost was approximately \$ 875,000. The project was funded entirely by government grants.

## **Ordinance # 206 – November 13, 2012**

**AN ORDINANCE OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA AMENDING CHAPTER 22, TRAFFIC AND VEHICLES, OF THE CODE OF ORDINANCES BY CREATING A NEW SECTION 22-7 ENTITLED USE OF ISLAND BRIDGE, ESTABLISHING SAFETY STANDARDS INCLUDING VEHICLE SIZE AND WEIGHT LIMITATIONS, PROVIDING FOR EXCEPTIONS TO SUCH LIMITATIONS, PROVIDING FOR AN EFFECTIVE DATE AND INCLUSION IN THE CODE.**

Ordinance # 206 adopted November 13, 2012 established Safety Standards including size and Vehicle Weight Limitations based on the age and use of the Bridge. The Ordinance was introduced at the September, 2012 Council Meeting reducing the 20 Ton Vehicle Weight Limit to 16 Ton.

In July of 2012 the Village Engineer, CDM Smith was requested by the Village Manager to review the posted Vehicle Weight Limit on the bridge in response to a request from contractors regarding proposed frequent truck traffic onto the Bridge. The Engineer evaluated the ability of the Bridge to handle heavy loading from commercial trucks and further considered ways to protect the Bridge from frequent and heavy vehicles. The July 25, 2012 memorandum was a series of recommendations.

The Engineer's recommendation was to reduce the permitted Vehicle Weight Limit from 20 ton to 16 ton in a memorandum dated July 25, 2012. The bridge was posted August 2, 2012. The residents were notified August 28<sup>th</sup>.

The Ordinance contains a provision for a waiver to the 16 ton Vehicle Weight Limit under certain conditions. These waivers are not meant to circumvent the Ordinance provisions of maximum Vehicle Weight Limit of 16 ton and not for continuous loads to be brought to and from the Island.

CDM presented a Numerical Load Rating Chart Model to Village Council on November 11<sup>th</sup> for use by the Village for evaluating commercial vehicles requesting to use the bridge. The Chart was explained to the Public Service Aides on December 19, 2012.

## **Resolution # 708 – February 19, 2013**

**A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, DECLARING OFFICIAL INTENT UNDER U.S. TREASURY REGULATIONS WITH RESPECT TO REIMBURSEMENTS FROM NOTE AND BOND PROCEEDS OF TEMPORARY ADVANCES MADE FOR PAYMENTS OF BRIDGE EXPENDITURES PRIOR TO ISSUANCE; AUTHORIZING EXPENDITURE; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE**

# **OPTIMIZED BRIDGE REHABILITATION PROJECT OUTLINE**

## **I. EVALUATION AND APPRAISAL REPORT for SURFSIDE BRIDGE OVER INDIAN CREEK**

The final proposal from New Millennium Design Construction, Inc. (NMDC) was received April 15, 2013 to provide engineering services for the evaluation of Surfside Bridge over Indian Creek (Bridge # 876100). The \$ 48,300 proposal was approved by Resolution # 715 adopted April 17, 2013.

The letter Agreement dated April 5, 2013 was executed April 19, 2013 and a final Agreement dated May 8, 2013 was executed May 28, 2013.

NMDC conducted an inspection of the Bridge for the purpose of obtaining quantitative information about the condition of the Bridge, including data that can be utilized for the possible rehabilitation of the Bridge (Memorandum # 1). Based on the results of the inspection, NMDC provided the Village with the degree and location of the deteriorated elements and provided a rehabilitation plan to determine if the rehabilitation of the Bridge is feasible, and if so, a plan for the rehabilitation. Sufficiency Rating declined from 64% (1990) to 42.9% (2016). Any rating below 50% indicates the structure has reached its expected life and is in need of repair or replacement. The Bridge is constantly exposed to a very aggressive environment which has resulted in the slow deterioration of various structural elements of the Bridge. The Evaluation and Appraisal Report dated September, 2013 and is on file with the Office of the Village Clerk. The Report was accepted by the Council at the September 4, 2013 meeting.

The NMDC reported in a Memorandum # 2 dated June 26, 2013 that the Bridge was properly constructed, repairs may achieve a service life between 20 and 25 years at an estimated construction cost of \$ 1 to \$ 1.5 million. The Bridge will require the same degree of rehabilitation every five years. The Council instructed the Manager to prepare a Request For Qualifications (RFQ) to receive Design, Engineering, Construction, and Administrative Services proposals. One (1) proposal was received on November 5<sup>th</sup>, from NMDC. The proposal is on file in the Office of the Village Clerk.

### **A. COUNCIL MEETING**

April 17, 2013

1. Agenda and Minutes
2. Resolution # 715: approved INSPECTION / EVALUATION AGREEMENT
  - a. Proposal dated April 5<sup>th</sup> executed April 19, 2013
  - b. Agreement dated May 8<sup>th</sup> executed May 28, 2013

### **B. COUNCIL MEETING**

September 11, 2013

1. Agenda, Minutes and Memorandums
  - a. Memorandum # 1 (Progress Report) May 29, 2013
  - b. Memorandum # 2 (Progress Report) June 26, 2013
  - c. Memorandum # 3 (Proposed Bridge Improvements) September 3, 2013

Motion: Council accepted Inspection, Evaluation Report dated September, 2013 prepared by NMDC and directed the Village Manager to prepare a Request For Qualifications (RFQ) for engineer services.
2. Procurement
  - a. Request for Qualifications dated September, 2013
    1. Open at 2:00 PM November 5, 2013
  - b. Advertisement – Miami Daily Business October 3, 2013
  - c. One (1) Proposal received from NMDC dated November 5, 2013
    - 1) The 160 pages and exhibits proposal dated September 4, 2013 is on file in the Office of the Village Clerk



- C. U.S. Coast Guard November 12, 2013  
1. No permit will be required for the project as per Ms. Gisele Colbert

- D. COUNCIL MEETING November 19, 2013  
1. Agenda and Minutes  
2. Manager's Memorandum dated November 13, 2013  
3. Council authorized Manager to negotiate a Bridge Refurbishment Agreement for the Design Engineering, Construction and Administrative Services with NMDC to refurbish or replace the Bridge

**II. BRIDGE REFURBISHMENT PROJECT AGREEMENT FOR DESIGN ENGINEERING AND CONSTRUCTION CONTRACT ADMINISTRATION SERVICES (NMDC) OPTION 1**

The BRIDGE REFURBISHMENT AGREEMENT dated February 28, 2014 between NMDC and the Village which was approved by Resolution # 723 at the Council Meeting of December 17, 2013 at a cost of \$ 284,006.34 and an estimated construction time of 250 days. The improvements are listed in a March 7, 2014 letter from NMDC. The Vehicle Weight Limit would be restored to 20 Ton by incorporating a CARBON FIBER REINFORCED POLYMER (CFRP). Notice to Proceed issued March 4, 2014. A kick-off meeting was held March 11, 2014. Plans and Specifications were completed January 16, 2015 as reported at the February 17, 2015 Council meeting by the Village Manager. **(OPTION 1)**.

- A. COUNCIL MEETING December 17, 2013  
1. Agenda and Minutes  
2. Resolution # 723 (NMDC Design Engineering Agreement)  
3. Notice to Proceed issued on March 4, 2014

**2014**

- B. FIRST AMENDMENT: (Administratively Executed) April 29, 2014  
C. COUNCIL MEETING September 29, 2014  
1. Agenda and Minutes  
2. Manager's Memorandum dated September 23, 2014  
3. Council decided to Continue with Refurbishment Project rather than go to Load Rating Extension Project

**2015**

- D. COUNCIL MEETING February 17, 2015  
1. Agenda and Minutes  
2. Refurbishment Plans completed January 16, 2015 as per contract dated February 28, 2014 as reported by the Village Manager at the Council meeting  
E. COUNCIL MEETING May 5, 2015  
1. Agenda and Minutes  
2. Council took No-Action on Load Rating Proposal

### **III. LOAD RATING EXTENSION PROJECT (OPTION # 2)**

The Load Rating Extension Project would enhance the existing foundation and completely replace the deck by including new precast beams and planks. The operating bridge rating would be increased to meet today's code standards. Vehicle Weight Limit posting would **not** be required and the life of the bridge would be extended. The total cost for the design would be \$ 534,006.34. Council approved the project by motion at the Council Meeting of May 26, 2015. The contact is dated December 29, 2015.

#### **A. COUNCIL MEETING**

May 26, 2015

1. Agenda and Minutes
2. NMDC Report
3. Council approves SECOND AMENDMENT: Load Rating Extension Project (Option # 2) and instructs NMDC to bid both projects at the same time
4. Notice to Proceed issued July 8, 2015

#### **B. COUNCIL MEETING**

October 20, 2015

1. Cancelled

### **IV. OPTIMIZED BRIDGE REHABILITATION PROJECT (OPTION # 3)**

Scour countermeasures were initially planned to be addressed in this Project, due to FDOT correspondence dated April 16, 2015, informing the Village that the Bridge was considered to be a bridge with unknown foundations. That issue was resolved during this Project. NMDC had a parallel seismology study performed to determine the depth of the foundation system, which allows us to be better informed about scour conditions and determine when and what type of countermeasures should be employed to limit scouring at the foundations.

The Optimized Rehabilitation Project (**Option 3**) will increase the Vehicle Weight Limit of the bridge from the present 16 Tons to 24 Tons which will permit most vehicles to be accommodated. The Project includes resurfacing the bridge deck, provide new stamped asphalt overlay over the Bridge outside the area of the proposed sidewalk, strengthening some of the concrete "T" beams with fiber reinforced polymer, repair and seal concrete cracks and spalls, replace expansion joints, repair and resurface approach slabs and roadway, stamped asphalt throughout corridor, placed brick pavers and up-lighting in circle, construct raised sidewalk, utility repair/replacement/removal/coordination and provide signage and pavement markings and paint bridge. Construct raised sidewalk on south side of Bridge. Install 4-2" schedule 80 PVC conduit within raised sidewalk completed with termination boxes at each end of conduit run. Cracks at decorative guardrails will be repaired.

The useful life of the Bridge will be extended for additional years. The architectural and historical context of the Bridge will be preserved. The construction time will be significantly reduced. Administrative costs will be less because of the shorter construction time. Shorter construction time means less inconveniences to the residents such as lane closures, demolition debris, dust and noise. Cost will be a total of \$ 492,006.34 or \$ 42,000 less than Option # 2. The Council approved by motion, the Optimized Rehabilitation Project Engineering cost at the, November 10, 2015 and the February 23, 2016 meetings by motion.

**A. COUNCIL MEETING**

November 10, 2015

1. Agenda and Minutes
2. Memorandum # 8 November 5, 2015
3. THIRD AMENDMENT (**Option 3**) December 3, 2015
4. Notice to Proceed December 7, 2015
5. Preliminary Approval of Optimized Rehabilitation Project

**B. COUNCIL MEETING**

February 23, 2016

1. Agenda and Minutes
2. Approval of OPTIMIZED REHABILITATION PROJECT – **OPTION 3**
3. NMDC Report dated February, 2016
4. Final Plans completed March 31, 2016

## SUMMARY OF NMDC CONTRACT AND AMENDMENTS

	OPTION 1	OPTION 2	OPTION 3
Phase	Amount Budgeted Original Contract	First Amended Contract Price (Per Second Amendment)	Second Amended Contract Price (Per Third Amendment)
30% Design Phase	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
60% Design Phase	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Final Design Phase	\$ 61,611.26	\$ 46,207.45	\$ 46,207.45
Optimized Project Design Phase (replaces Extended Project Design Phase)	\$ 0.00	\$ 215,403.81	\$ 193,403.81
Bridge Bidding	\$ 10,516.80	\$ 20,516.80	\$ 20,516.80
Bridge Construction Inspections	\$ 94,340.16	\$ 124,340.16	\$ 104,340.16
Bridge Post Design Services	\$ 17,538.12	\$ 27,538.12	\$ 27,538.12
<b>TOTAL CONTRACT</b>	<b>\$ 284,006.34</b>	<b>\$ 534,006.34</b>	<b>\$ 492,006.34</b>

Note: FIRST AMENDMENT DID NOT HAVE ANY FINANCIAL CHANGES

A.	<u>AMENDMENT</u>	<u>APPROVAL</u>	<u>AGREEMENT</u>	<u>COST</u>	<u>NTP</u>	<u>COMPLETION</u>
1.	First	Administrative	04/29/14	\$ 284,066.84	N/A	04/04/15
2.	Second	Motion 05/26/15	06/29/15	\$ 534,006.34	07/08/15	09/09/15
3.	Third (24T)	Motion 11/19/15	12/03/14	\$ 492,006.34	12/07/15	02/05/16

## **V. ABC CONSTRUCTION, INC. CONTRACT**

- A. Bid Advertisements: Miami Herald .....March 07, 2016  
Daily Business Review .....March 10, 2016
- B. Bid Package: Optimized Rehabilitation Project .....March 18, 2016
- C. Pre-Bid Conference and Attendance Sheet (13)..... March 21, 2016
- D. Bid Responses: Two (2) and Attendance Sheet .....April 12, 2016
- E. Memorandum # 9: Preliminary Bid Analysis .....April 14, 2016
- F. Interviews:
  - 1. Cone & Graham, Inc. - \$ 2,718,762 .....April 21, 2016
  - 2. ABC Construction, Inc. - \$ 2,358,000 .....May 10, 2016
- G. Memorandum # 10: Updated Bid Analysis .....May 03, 2016
  - 1. Cone & Graham, Inc. - \$ 2,471,602
  - 2. ABC Construction, Inc. - \$ 2,139,873
- H. COUNCIL MEETING: No Action Taken on Bid Award .....May 17, 2016
- I. Letter to Mr. Leon Crimmins, General Manager, I.C.C.C. ....May 18, 2016
- J. Memorandum # 11: Justification for Rehabilitation .....June 01, 2016
- K. Manager's Memorandum to Village Council to Approve Contract .....June 08, 2016
- L. COUNCIL MEETING: .....June 14, 2016
  - 1. **RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, SELECTING ABC CONSTRUCTION INC. FOR THE OPTIMIZED REHABILITATION OF THE INDIAN CREEK VILLAGE ISLAND BRIDGE; PROVIDING FOR AUTHORIZATION TO ENTER INTO A CONTRACT WITH ABC CONSTRUCTION INC.; AND PROVIDING FOR IMPLEMENTATION AND AN EFFECTIVE DATE. (Resolution # 756)**
    - a. Exhibit A – ABC Construction, Inc.: Proposal
    - b. Exhibit B – Contract between ABC and the Village (\$ 2,139,873)
    - c. Memorandum # 10: Updated BID Analysis (May 3, 2016)
- M. Memorandum # 12: Scope of Service .....June 30, 2016
- N. Executed contract forwarded to ABC Construction, Inc. (August 16, 2016)
  - 1. Notice to Proceed issued August 31, 2016 effective September 19, 2016
  - 2. Construction began September 19, 2016
- O. The Miami-Dade Department of Regulatory and Environmental .....September 29, 2016  
Resources Issued a Class 1 Construction Permit for the Bridge project  
at a cost of \$ 28,750.



- P. Release of 50% retainage in the amount of \$83,267.44 .....March 16, 2017
  - 1. New Vehicle Weight Limit for Bridge is 24 Ton per  
Memorandum dated March 16, 2017 from Mr. Tokay, NMDC
- Q. Bridge Navigation Lights Brochure (C.O. #16-\$24,865.33) .....March 29, 2017
- R. Certificate of Substantial Completion .....April 25, 2017  
Contractor's warranties: Paint one (1) year, Structural seven (7) years .....April 25, 2017
- S. As-Built Drawings .....June 23, 2017
- T. Certificate of Final Completion (\$1,706,457.13) .....July 12, 2017
- U. Release of final (50%) retainage in the amount of \$83,267.44 .....July 24, 2017
- V. Construction Time .....219 days
- W. General Status Inquiry from Guarantee Company of North .....August 7, 2017  
America USA about the project status which is complete (Bond Company)

## VI. **FINANCING**

### A. COUNCIL MEETING

September 6, 2016

1. **RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, APPROVING A BUDGET AND A FINANCING/BORROWING PLAN FOR THE REHABILITATION AND RESTORATION OF THE INDIAN CREEK VILLAGE ISLAND BRIDGE; ESTABLISHING A PRELIMINARY ASSESSMENT PLAN; PROVIDING FOR IMPLEMENTATION AND AN EFFECTIVE DATE. (Resolution # 757)**

#### **PRELIMINARY BRIDGE PROJECT BUDGET**

Island Bridge Renovation - Preliminary Project Budget	
Construction Contract	\$ 2,193,000.00
Construction Contingency	\$ 219,000.00
Soft Costs (Engineering, Lobbying, Legal, etc.)	\$ 950,000.00
Interest on Construction Loan	\$ 180,000.00
Permit Fees	\$ 140,000.00
<b>Total</b>	<b>\$ 3,682,000.00</b>
<b>Total</b>	<b>or \$ 3,700,000.00</b>

### 2. **BACK-UP RESOLUTIONS FOR BRIDGE PROJECT**

- a. Resolution # 708 – Adopted February 14, 2013  
A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, DECLARING OFFICIAL INTENT UNDER U.S. TREASURY REGULATIONS WITH RESPECT TO REIMBURSEMENTS FROM NOTE AND BOND PROCEEDS OF TEMPORARY ADVANCES MADE FOR PAYMENTS OF BRIDGE EXPENDITURES PRIOR TO ISSUANCE; AUTHORIZING EXPENDITURE; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.
- b. Resolution # 727 – Adopted March 18, 2014  
A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA AUTHORIZING THE TEMPORARY BORROWING OF FUNDS FROM THE STORMWATER UTILITY FUND AND THE WATER UTILITY FUND, IN AN AMOUNT NOT TO EXCEED \$1,200,000, IN ANTICIPATION OF THE RECEIPT OF SURPLUS AD VALOREM TAXES, TELECOMMUNICATIONS SERVICES SPECIAL ASSESSMENTS AND BRIDGE SPECIAL ASSESSMENTS; PROVIDING FOR AN EFFECTIVE DATE.

- B. Comparison of Preliminary Amortization Schedules dated SEPTEMBER 6, 2016 prepared by Lourdes Reyes Abadin, Executive Vice-President, Estrada Hinojosa & Company, Inc. was presented to the Village Council for their review.
- C. Village Attorney met with Mr. Stan Geberer, Fishkind representative, March 17, 2016.
- D. Indian Creek Bridge Repair Assessment Methodology Report Draft Dated 4/21/17 prepared by Fishkind & Associates, Inc. Meeting Scheduled for May 30<sup>th</sup> to review report. Report mailed to Village Council.
- E. Village Attorney, Village Manager and Ms. Lourdes Reyes Abadin reviewed proposed Second Budget and Fishkind revised report dated May 30, 2017.

**BOND ISSUE**  
**OPTIMIZED REHABILITATION BRIDGE PROJECT**  
**EXPENDITURES AS OF MAY 30, 2017**

**TEMPORARY ADVANCES\***

THE RUBIN GROUP	\$ 145,850.45
SOFT COSTS (ENGINEER AND LEGAL)	\$ 138,994.10
ATLANTIC BROADBAND	\$ 6,100.00
DAVID PLUMMER	\$ 2,875.00
BROCHURE	\$ 1,260.00
ADVERTISEMENTS	\$ 1,044.90

**SUB-TOTAL** **\$ 296,124.45**

**PROJECT EXPENDITURES:**

ABC CONSTRUCTION	\$ 1,769,857.13
DEBT SERVICE RESERVE	\$ 602,320.00
SOFT COSTS (ENGINEERING AND LEGAL)	\$ 550,006.34
COST OF INSURANCE	\$ 200,000.00
FUTURE MAINTENANCE	\$ 150,000.00
UNDERWRITER'S DISCOUNT	\$ 91,900.00
INTEREST (Borrowed Funds)	\$ 31,636.20
PERMITS	\$ 28,750.00
FISHKIND & ASSOCIATES	\$ 6,733.57
BANK FEES	\$ 5,000.00

**SUB-TOTAL** **\$ 3,436,203.24**

**GRAND TOTAL** **\$ 3,732,327.69**

\*(After 02/19/2013 – Resolution # 708)

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, DECLARING OFFICIAL INTENT UNDER U.S. TREASURY REGULATIONS WITH RESPECT TO REIMBURSEMENTS FROM NOTE AND BOND PROCEEDS OF TEMPORARY ADVANCES MADE FOR PAYMENTS OF BRIDGE EXPENDITURES PRIOR TO ISSUANCE; AUTHORIZING EXPENDITURE; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.

**VII. PROGRESS REPORTS**

A. Public Information letter dated 09/08/16 Brochure mailed	September 13, 2016
B. PROJECT START	September 19, 2016
1. Notice to Proceed dated 08/31/16 to ABC effective:	September 19, 2016
C. Miami-Dade County Class I Construction Permit Issued	September 23, 2016
D. Final plan and Specifications	September 27, 2016
E. Mailing Progress Report 1 of 3	November 11, 2016
F. Mailing Progress Report 2 of 3	January 20, 2017
G. Mayor's Security Assessment and 2017 Goals / Initiatives	January 27, 2017

### VIII. ADDITIONAL BRIDGE REPORTS:

- A. Load Rating Analysis prepared by FDOT
- B. Structural Inspection Report prepared by NMDC
- C. FDOT Bridge Inspection Report, Submittal # 1 prepared by NMDC
- D. FDOT Bridge Inspection Report, Submittal # 2 prepared by NMDC

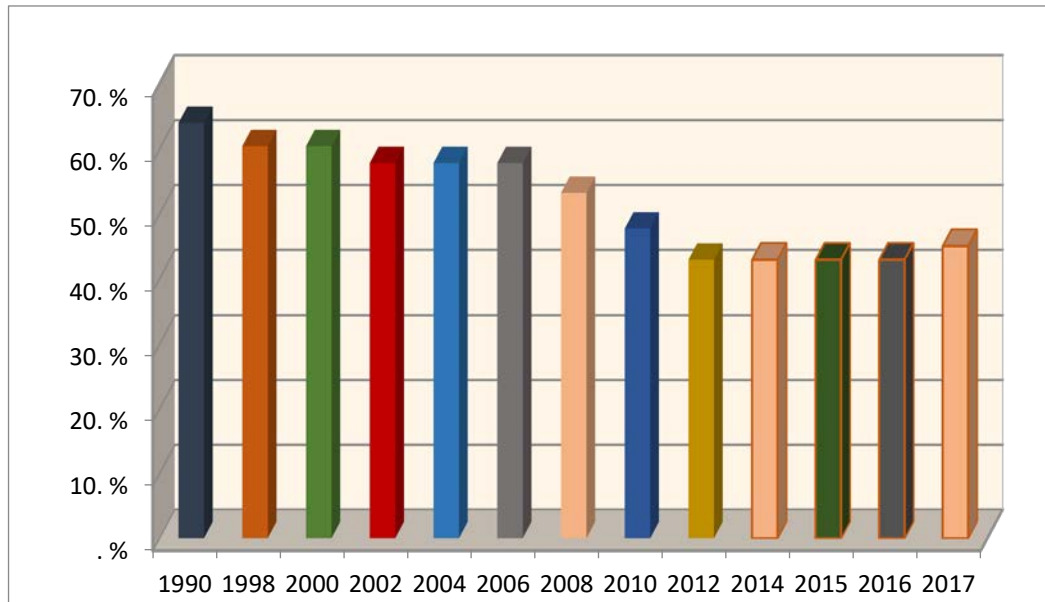
October, 2008  
January, 2010  
March 15, 2011  
November 11, 2011

### IX.

#### BRIDGE SUFFICIENCY RATINGS

Year              Rating

1990	64.0%
1998	60.4%
2000	60.4%
2002	57.8%
2004	57.8%
2006	57.8%
2008	53.2%
2010	47.7%
2012	42.9%
2014	42.9%
2015	42.9%
2016	42.9%
2017	45.0%



### X. SUBSTANTIAL COMPLETION INSPECTION REPORT

A letter dated May 22, 2017 from Mr. Esen Tokay, P.E., New Millennium Design Consultants, Inc. (NMDC) reputed the Substantial Completion Inspection was performed by his firm on August 25, 2017. NMDC informed the Village that there were no corrective punch list items remaining related to the structural strengthening of the super structure. This work has been performed by the Entrance in accordance with the plans and specifications and A 5 the Engineer of Record concluded the work is acceptable for the Optimized Rehabilitation of the Bridge. NMDC recommended the 16 Ton Rating remain the posted rating for safety purposes and the durability of the Bridge.

### XI. NOTE

This outline / Table of Contents was prepared to follow the Village Council actions, Village Council approval of the OPTIMIZED BRIDGE REHABILITATION PROJECT and the ABC Construction, Inc. correspondence and reports may be found in a separate Book entitled "OPTIMIZED REHABILITATION PROJECT" on file in the Office of the Village Clerk.

In addition, weekly meeting reports, monthly construction progress minutes, twelve (12) memorandums and change orders are on file with the Office of the Village Clerk.



## **EXHIBIT ONE**

### **VILLAGE COUNCIL** **BRIDGE APPROVALS / DISCUSSIONS**

#### **DATE**

#### **2013 – COUNCIL MEETINGS**

1. 04/17/2013 Resolution # 715 approving New Millennium Design Construction, Inc. (NMDC) proposal for the Evaluation and Appraisal Report for the Bridge.
2. 09/11/2013 NMDC report received and accepted by Village Council. Directed the Village Manager to prepare Request for Qualification (RFQ). One (1) proposal received
3. 11/19/2013 Manager authorized to negotiate contract with NMDC.
4. 12/17/2013 Resolution # 723. Approved NMDC Design Engineering Agreement by Council for Bridge Refurbishment Project.

#### **2014 – COUNCIL MEETING**

5. 09/29/2014 Council decided to continue with Refurbishment Project rather than accept proposal for Load Rating Extension Project.

#### **2015 – COUNCIL MEETINGS**

6. 02/17/2015 The Refurbishment Plans completed as per contract (Option 1)
7. 05/05/2015 No action on Load Rating Project
8. 05/26/2015 Council approves Load Rating Extension Project / Amendment # 2 (Option 2)
9. 11/10/2015 Council approves Optimized Bridge Rehabilitation. Project / Amendment #3 (Option 3)

#### **2016 – COUNCIL MEETINGS**

10. 02/23/2016 Optimized Bridge Rehabilitation Approved by Council Amendment # 3 (Option 3)
11. 05/17/2016 Resolution # 756. Tabled.
12. 06/14/2016 Resolution # 756. Approved awarding contract to ABC Construction, Inc..
13. 09/06/2016 Resolution # 757, Approved Preliminary Project Budget.

#### **NOTICE TO PROCEED**

14. 09/19/2016 Notice-to-Proceed issued 08/31/2016 effective September 19, 2016 to ABC Construction, Inc.

#### **CERTIFICATES**

15. 05/16/17 Substantial Completion
16. 07/12/17 Final Completion

## **EXHIBIT TWO**

### **I. Bridge Agreement for Design Engineering, Construction And Administrative Services**

- A. The Bridge Refurbishment Agreement dated February 28, 2014 between NEW MILLENNIUM DESIGN CONSULTANTS, INC. (NMDC) and the Village was approved by Resolution # 723 at the Council Meeting of December 17, 2013 at a cost of \$ 284,006.34. The Notice to Proceed was issued March 4, 2014.
- B. Bridge Refurbishment Agreement
1. Strengthen concrete and arch beams with CARBON FIBER REINFORCED POLYMER. The contract was executed February 28<sup>th</sup>. The Vehicle Weight Limit would be restored to 24 tons. Final plans submitted April 4, 2015.
- C. Bridge Agreement and Amendments 1-2-3
1. **FIRST AMENDMENT**
    - a. Certain performance times and other minor clarifications.
    - b. Contract dated April 29, 2014
  2. **SECOND AMENDMENT** (BRIDGE LOAD RATING EXTENSION PROJECT)
    - a. Council at the May 26<sup>th</sup> meeting approved the Extension Project Contract dated June 29<sup>th</sup> at a cost of an additional \$ 250,000.
    - b. Bid both Projects at the same time (Refurbish and Extension)  
Notice to proceed was issued July 8<sup>th</sup>.
    - c. No Vehicle Weight Restriction
    - d. Construction time is estimated at 450 days
    - e. Foundations need to be improved
    - f. Extends useful life of Bridge by about 40 years
    - g. Complete submittal of final plans and specifications September 9, 2015
  3. **THIRD AMENDMENT** (OPTIMIZED REHABILITATION PROJECT)
    - a. Council at November 10, 2015 meeting approved Optimized Rehabilitation Project. Contract dated December 3, 2015 at a total cost of \$492,000.34 which is less than the 2<sup>nd</sup> Amendment by \$42,000. Notice to Proceed was issued December 7<sup>th</sup>
    - b. Council at February 23, 2016 authorized the Optimized Rehabilitation Project as per report received February 12, 2016 and dated February, 2016. Bid as one (1) project.
    - c. Project is less Expensive by \$2.5M and approximately 1 year construction time
    - d. 20 year life plus Vehicle Weight Limit increased to 24 Tons.
    - e. Memorandum # 8 dated November 5, 2015

### **II. Summary of the NMDC AGREEMENT AMENDMENTS:**

<b><u>B.</u></b>	<b><u>AMENDMENT</u></b>	<b><u>APPROVAL</u></b>	<b><u>AGREEMENT</u></b>	<b><u>COST</u></b>	<b><u>NTP</u></b>	<b><u>COMPLETION</u></b>
1.	First	Administrative	04/29/14	\$ 284,066.84	N/A	04/04/15
2.	Second	Motion 05/26/15	06/29/15	\$ 534,006.34	07/08/15	09/09/15
3.	Third (24T)	Motion 11/19/15	12/03/14	\$ 492,006.34	12/07/15	02/05/16

### **III. Bridge Construction Project:**

- A. Plans and specifications completed February 5, 2016
- B. Bid Documents March 18, 2016
- C. Bids Received April 12, 2016
- D. Contract Approved June 14, 2016 – Resolution # 756
- E. Contract Executed July 9, - ABC Construction, Inc.
- F. Notice to proceed issued 08/31/2016 for September 19, 2016
- G. Completion April 25, 2017

**EXHIBIT THREE**  
**BRIDGE ORDINANCE / RESOLUTIONS**

**1. Ordinance # 206 – November 13, 2012**

AN ORDINANCE OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA AMENDING CHAPTER 22, TRAFFIC AND VEHICLES, OF THE CODE OF ORDINANCES BY CREATING A NEW SECTION 22-7 ENTITLED USE OF ISLAND BRIDGE, ESTABLISHING SAFETY STANDARDS INCLUDING VEHICLE SIZE AND WEIGHT LIMITATIONS, PROVIDING FOR EXCEPTIONS TO SUCH LIMITATIONS, PROVIDING FOR AN EFFECTIVE DATE AND INCLUSIONS IN THE CODE.

**2. Resolution # 708 – February 19, 2013**

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA, DECLARING OFFICIAL INTENT UNDER U.S. TREASURY REGULATIONS WITH RESPECT TO REIMBURSEMENTS FROM NOTE AND BOND PROCEEDS OF TEMPORARY ADVANCES MADE FOR PAYMENTS OF BRIDGE EXPENDITURES PRIOR TO ISSUANCE; AUTHORIZING EXPENDITURE; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.

**3. Resolution # 715 – April 17, 2013**

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF INDIAN CREEK, FLORIDA APPROVING PROPOSAL FROM NEW MILLENNIUM DESIGN CONSULTANT, INC. FOR BRIDGE EVALUATION ANALYSIS.

**4. Resolution # 723 – December 17, 2013**

A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA APPROVING AN AGREEMENT WITH NEW MILLENNIUM DESIGN CONSULTANTS, INC. FOR DESIGN ENGINEERING SERVICES FOR THE INDIAN CREEK BRIDGE REFURBISHMENT; AUTHORIZING THE VILLAGE MANAGER TO EXECUTE ON BEHALF OF THE VILLAGE THE AGREEMENT WITH NEW MILLENNIUM DESIGN CONSULTANTS, INC., SUBJECT TO THE APPROVAL OF THE VILLAGE ATTORNEY; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

**5. Resolution # 727 – March 18, 2014**

A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA AUTHORIZING THE TEMPORAY BORROWING OF FUNDS FROM THE STORMWATER UTILITY FUND AND THE WATER UTILITY FUND, IN AN AMOUNT NOT TO EXCEED \$1,200,000, IN ANTICIPATION OF THE RECEIPT OF SURPLUS AD VALOREM TAXES, TELECOMMUNICATIONS SERVICES SPECIAL ASSESSMENTS AND BRIDGE SPECIAL ASSESSMENTS; PROVIDING FOR AN EFFECTIVE DATE.

**6. Resolution # 756 – June 14, 2016**

RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, SELECTING ABC CONSTRUCTION INC. FOR THE OPTIMIZED REHABILITATION OF THE INDIAN CREEK VILLAGE ISLAND BRIDGE; PROVIDING FOR AUTHORIZATION TO ENTER INTO A CONTRACT WITH ABC CONSTRUCTION INC.; AND PROVIDING FOR IMPLEMENTATION AND AN EFFECTIVE DATE.

**7. Resolution # 757 – September 06, 2016**

RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, APPROVING A BUDGET AND A FINANCING/BORROWING PLAN FOR THE REHABILITATION AND RESTORATION OF THE INDIAN CREEK VILLAGE ISLAND BRIDGE; ESTABLISHING A PRELIMINARY ASSESSMENT PLAN; PROVIDING FOR IMPLEMENTATION AND AN EFFECTIVE DATE.

**8. Resolution #773 – February 20, 2018**

A RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, RELATING TO OPTIMIZED BRIDGE REPAIRS; DECLARING THE IMPOSITION OF A SPECIAL ASSESSMENT FOR SAID REPAIRS; ESTABLISHING THE METHOD BY WHICH THE ASSESSMENT SHALL BE LEVIED; STATING THE COST OF THE BRIDGE IMPROVEMENT AND THE INITIAL BRIDGE IMPROVEMENT ASSESSMENT; DIRECTING THE PREPARATION OF A PRELIMINARY ASSESSMENT ROLL; AUTHORIZING A PUBLIC HEARING AND DIRECTING THE PROVISION OF NOTICE THEREOF; PROVIDING FOR SEVERABILITY AND AN EFFECTIVE DATE.





# **INDIAN CREEK VILLAGE, FLORIDA**

## **INDIAN CREEK VILLAGE INFORMATION SHEET 2018**

**BERNARD KLEPACH**  
MAYOR

**JAVIER HOLTZ**  
VICE MAYOR

**ROBERT DIENER**  
COUNCIL MEMBER

**IRMA BRAMAN**  
COUNCIL MEMBER

**IRWIN E. TAUBER**  
COUNCIL MEMBER

**C. SAMUEL KISSINGER**  
VILLAGE MANAGER

**STEPHEN J. HELFMAN**  
VILLAGE ATTORNEY

**MARILANE LIMA**  
VILLAGE CLERK

The Indian Creek Village, which is situated on a man-made barrier island in Biscayne Bay, is one of the smallest incorporated municipalities in the United States, located in the Southeastern tip of the Florida peninsula off the coast of Miami beach, on the northeastern part of Miami-Dade County. With a total land area of approximately 0.46 square miles (294 acres). The privately-owned, exclusive residential enclave which includes 41 platted waterfront estate residences (which are owned by 36 property owners with 29 estate homes as of December 31, 2017), and the ultra-exclusive private membership Indian Creek Country Club (I.C.C.C.). The Village Hall complex is located at another parcel on the northeast side of the Surfside Bridge over Indian Creek waterway. The home sites are arranged along the east, south and west shores of the island. The balance of the island is occupied by the I.C.C.C. which consists of a clubhouse, members 6,662-yard golf course and other assembly, hospitality and special event facilities which were designed by Architect Maurice Fatio in 1929. The golf course was designed by William Flynn of Shinnecock fame and sits on 188 acres. The residences and Club are connected solely to the mainland via the Surfside Bridge over Indian Creek. The Creek is a tidally influenced residential canal that connects to Biscayne Bay and ultimately to the Atlantic Ocean via the Baker's Haulover Inlet. Both the west and east edges of the canal have vertical seawalls. The depth of the waterway at the Bridge is approximately nine feet mean low water (MLW) according to nautical charts obtained online ([www.charts.noaa.gov](http://www.charts.noaa.gov)).

**Address:** Indian Creek Village Hall.....9080 Bay Drive  
Indian Creek Village, FL 33154-3212  
(305) 865-4121  
Fax: (305) 865-2502  
e-mail: [mlima@icvps.org](mailto:mlima@icvps.org)  
website: [www.icvps.org](http://www.icvps.org)

**Location:** Biscayne Bay bordered by Indian Creek Lake to North and Bay Harbor Islands, Biscayne Bay to South and West and Indian Creek to East and the Town of Surfside.

Plat approved by Dade County Commissioners ..... February 14, 1933  
Indian Creek Village Incorporated .....April 4 – June 2, 1939  
State Legislature of Florida 27<sup>th</sup> Regular Session.....May 19, 1939  
Dedicated Village Hall ..... December 19, 1999  
Location - Bridge Entrance on South lot with Police Department headquarters  
Corporate Seal - Resolution # 439 Adopted.....April 16, 1999  
Flood Zone .....X  
Climate.....Subtropical



# ***INDIAN CREEK VILLAGE, FLORIDA***

Coordinates .....Latitude – 25 – 49’ – 49” N  
.....Longitude – 080-07’ – 23 W  
Time Zone .....Eastern (EST)(UTC-5)  
Summer (DST) .....EDT (UTC-4)  
Area Code .....305  
Rated Zone.....AE  
FIPS Code.....12-33425 GR2  
Wi-Fi.....9080

## **Charters:**

1. Chapter 19892, No. 897 ..... June 8, 1939  
House Bill No. 988 ..... May 19, 1939  
Election for Adoption ..... (73 – 0)
2. Senate Bill No. 523 ..... May 11, 1955
3. Ordinance No. 45 ..... July 9, 1984

## **Codifications:**

1. Ordinance # 46 ..... September 14, 1984
2. Ordinance # 86 ..... February 24, 1993
3. Revision ..... February 24, 2005

Form of Government (Adopted Ordinance 40, November 15, 1982)...Council – Manager  
Village Council elected at-large.....Five (5) Members  
Election .....(February 21, 2020) Third Friday of February, even numbered years  
Council Term .....Four (4) years  
Mayor Term ..... Elected at first meeting after each Village election every Two (2) years  
Vice-Mayor .....Appointed by Mayor

Population: University of Florida April 1, 2017..... 84  
U.S. Census Population 2010..... 86  
8<sup>th</sup> smallest municipality in the State of Florida

Registered Voters as of December 15, 2017 ..... 49  
Miami-Dade County Voting Precinct..... 10

## **Polling Places:**

- 1 – Local Election .....Indian Creek Village Hall
- 2 – Other Elections.....Surfside Town Hall  
9293 Harding Ave. Surfside, FL 33154-3009

Homesteaded Properties FY 2017..... 15

## **Village Council serves as:**

1. Housing Appeals Board ..... Charter Section 18-111
2. Local Planning Agency..... Resolution # 199 Ordinance # 61
3. Planning and Zoning Board ..... Charter Section 3.01
4. Stormwater Utility Board ..... Charter Sections 26 - 43



# INDIAN CREEK VILLAGE, FLORIDA

Water Utility Board .....

Charter Sections 26 - 33

## AREA BREAKDOWN BY LAND USE

JULY 23, 2009

<u>Land Use</u>	<u>Area (sq.feet)</u>	<u>Area (sq.miles)</u>	<u>Area (acres)</u>
(1),(2),(3)			
Single Family	3,085,781	0.11	70.84
Country Club	8,185,300	0.29	188.00
Road	263,830	0.01	6.06
Lagoon (4)	<u>1,263,230</u>	<u>0.05</u>	<u>29.00</u>
Total	12,798,141	0.46	293.90

### Notes:

- (1) Total area occupied by Single Family homes obtained from the Fiscal Year 2010 Stormwater Utility Rates.
- (2) Total area occupied by the Country Club obtained from the Fiscal Year 2010 Stormwater Utility Rates and includes vacant land across the street from the Country Club.
- (3) Road are taken from Miami-Dade Digital Orthophotos (aerial map) flown in 2003 obtained from Miami-Dade County.
- (4) Area for the lagoon taken from the Miami-Dade County Property Appraiser's Website.

Elevation (coastal high hazard area) Flood Zone X (Evacuation).....	7
Community Rating System (Miami-Dade County).....	5
Hurricane Storm Surge Evacuation Zone .....	B
Lots: Maximum number of Single-Family Primary Dwelling Units (200' X 400' Exceptions) (2014 Comprehensive Plan).....	41
Future Land Use Element, Chapter 2, 2.1, A-2)41	
Housing Units .....	29
Assessment Roll for 2018 Fiscal Year .....	\$ 570,384,417
Mill Rate FY 2018 .....	6.6092 mills

### **Comprehensive Community Planning:**

Calvin, Giordano & Associates (Alex David) .....	Planning Consultant
Comprehensive Plan	1979
Comprehensive Plan (Volume 1 and 2) Ordinance # 62	May 4, 1990
Evaluation and Appraisal Report (Ordinance # 170)	December 19, 2005
EAR 2006 based Amendments (Ordinance # 179)	November 6, 2006
Comprehensive Plan	December 28, 2007
Amendments Ordinance # 190	November 12, 2008
Ordinance # 192 (Twenty Year Water Plan)	January 20, 2009
Land Development Regulations.....	Ordinance # 161 May 2, 2005
Reprinted and Updated	June, 2008
Ordinance # 215	May 5, 2015
Comprehensive Plan.....	Ordinance # 211 December 17, 2013





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Comprehensive Plan.....	In Compliance	June 21, 2014
Public Safety Streetscape Improvement Master Plan Approved Resolution # 644		March 20, 2010
Entrance Improvement Project		March 11, 2011
Optimized Bridge Rehabilitation Project		July 12, 2017

### Police Department:

The Police Department is located in the Village Hall, position-control policy calls for a Police Chief, 2 Captains, 2 Sergeants, 4 Patrol Officers, 4 Civilians Public Service Aides, 4 Contract Officers and 4 Reserve Officers. The Department monitors the gated entrance to the bridge and island and remotely operates the entrance and exit gates for residents, club members and guests. The Department patrols the island 24-7 by police vehicles and boats. The island is one of the most secure communities in the country.

Sworn	Officers	9
.....		
Public	Service	Aides 4
.....		
Contract	Officers	4
.....		
Reserve	Officers	4
.....		

### Indian Creek Island Road and Access Road:

A two (2) lane 1.66 miles in length, asphalt U-shaped roadway, that travels the Island perimeter with a single lane of traffic in each direction. According to Celebrity Net Worth this Road is the most expensive residential street in the country. The road separates the waterfront houses from the golf course and country club facilities. The Road has a privately dedicated width of seventy feet (70') according to the recorded plat. The Road is the main access extending from the northwest corner of the island at Lot # 1 and extending south, east and north along the home sites to the northeast corner of the island at Lot # 41.

The access roadway of approximately four hundred feet (400') between the bridge and Indian Creek Island Road has a privately dedicated width of 60 feet and a distance of 400 feet with a single traffic lane in each direction. This road intersects with Indian Creek Island Road between houses # 35 and # 36. Both roadways were dedicated in 1933. The roadway (91<sup>st</sup> Surfside Bldg.) in turn connects to the Harding Ave and Collins Ave (SR A1A) one-way pair.

Indian Creek Island Road (Resolution # 461 – March 13, 2000) .....Name change  
Speed Limit (Ordinance # 181 – June 04, 2007) .....Twenty (20) miles per hour  
Vehicle Weight Limit (Ordinance # 206 – November 13, 2013) .....Sixteen (16) Tons



# ***INDIAN CREEK VILLAGE, FLORIDA***

## **Surfside Bridge over Indian Creek:**

The Bridge connecting Indian Creek Island to Surfside essentially in an art Nouveau design. The 360-foot Bridge was constructed about 1930 with 13 spans of reinforced arched concrete tee-beams. While the distinctive arch features that flow from the north to the south side of the Bridge can be observed from the water and surrounding land. It is also notable that the Bridge showcases archways on the underside from one end of the Bridge to the other creating a “tunnel” effect. The concrete columns that are aesthetic pilasters extend up the face of the bridge, connecting the piers to the concrete posts of the stylish railings that run the length of the bridge on both sides. To further enhance the aesthetic qualities of this structure, tapered concrete pylons stand atop of each column and every other pylon provides accent lighting. The bridge was designed by Richard A. Belsham, P.E. and Architect Robert A. Taylor, noble designers of the time.

Without a doubt, this historically significant bridge utilizes ornate architectural elements to create a beautiful gateway to the Village of Indian Creek. Its historical relevance, combined with its prominent aesthetic features and importance to the Island residents have made it eligible for placement on the National Register of Historic Places. It is mentioned in the Historic Highways Bridges of Florida publication by the Florida Department of Transportation.

State Number.....	876100
FMSF.....	8DA6439
Year Built.....	1929 – 1930
Bridge Type .....	Concrete Arched
FIPS State / Region .....	12 Florida
Acquired .....	Resolution # 382 adopted May 20, 1996
Length.....	360.9 ft
Width.....	41 ft
Construction Drawing.....	June 15, 1928
Span .....	13
Lights.....	14
Engineer.....	Richard A. Belsham
Functional Classification .....	Urban Local
Architect.....	Robert A. Taylor
Contractor.....	R.G. Lassiter Company
Rehabilitation Project – Final Completion.....	January 7, 2008
Entranceway Improvement Project – Final Completion.....	March 11, 2011
Optimized Bridge Rehabilitation Project – Groundbreaking.....	September 19, 2016
Optimized Bridge Rehabilitation Project – Final Completion.....	July 12, 2017



# ***INDIAN CREEK VILLAGE, FLORIDA***

## **Residential Refuse Collection and Disposal Service:**

Miami-Dade County Permanent Permit Number.....17140  
Waste Connections of Florida (Contract 2015–2018)  
Household Waste / Trash / Recycling.....3 X week

## **Public Water System: PWS Identification No. 4130663**

Water Source..... Natural Groundwater Biscayne Aquifer Recharge  
Water Supplier: Miami-Dade County (WASD).....Bulk Water  
Water Treatment ..... The Hialeah and John E. Preston Water Treatment Plants  
Water Rate .....Resolution # 532 – September 23, 2002 – 70% Surcharge  
Water Account..... 36  
Water Meters.....72  
Water Meters Replacement Program.....(Resolution # 667, February 24, 2010)  
Water Improvement Program Phase II ....June, 1985 Design by Connell Associates Inc.  
6" to 8" Ductile Iron Pipe.....2340 ft  
10" to 12" Ductile Iron Pipe .....1992 ft  
16" to 24" Ductile Iron Pipe.....5265 ft  
Fire Hydrants .....21  
Water Valves.....41  
Maintenance.....by Contract with Private Contractors

## **Public Sanitary Sewer Service:**

Sanitary Sewer Service..... On-Site Sewage treatment and disposal systems

## **Electric Utility:**

Electric Utility.....Florida Power and Light, Inc.  
Ordinance No. 102 – September 28, 1995

## **Stormwater Utility:**

Facility Name..... Indian Creek Village  
Permit Number..... FLS000003-003-Major Facility

Florida DEP Facility ID and Key number ..... FLS 267091  
Municipal Separate Storm Sewer System (MS4) Drainage Area... 421,118 sf  
Linear feet of pipe (8" to 36") ..... 1.25 m or 6,610 ft  
Catch Basins ..... 47  
Outfalls ..... 12  
Manholes..... 3  
Grated Inlets ..... 3  
Channel Inlets..... 2  
Pollution Control Box..... 1  
Weir..... 1  
Rate: / Acre-FT/day (Resolution # 545, September 29, 2003) ..... \$ 4,385.00  
Billing Accounts ..... 36  
Maintenance.....Contract with Private Contractors





# INDIAN CREEK VILLAGE, FLORIDA

## Private Utilities:

Telecommunications Ten Year Agreement effective December 5, 2013) Res # 719  
 Atlantic Broadband Finance, LLC  
 Gas .....TECO Partners  
 Telephone (Ordinance # 103 – September 28, 1995) (30 years) .....AT&T

## Precinct and Districts:

1. Miami-Dade Voters Precinct .....	10
2. Florida Division of Emergency Management .....	7
3. Miami-Dade County Commission District.....	4
4. Miami-Dade County School Board District.....	3
5. Florida State Assemble District.....	100
6. Florida State Senatorial District.....	35
7. U.S. Congressional District.....	23
8. Florida Department of Transportation District.....	6
9. Miami-Dade County State Attorney, Judicial Court.....	11
10. U.S. Attorney – Southern District of Florida.....	1

## Fire Rescue Service provided by Miami-Dade County:

The Village has been part of the Miami-Dade Fire Rescue Service District since its Incorporation in 1939. Based on the FY 2018 Fire Rescue District Mill Rate of 2.4282 mills, the Village contributes almost \$1.4 million dollars to the District.

## Miami-Dade County Fire / Rescue Department:

<u>Fire / Rescue # 21</u>	<u>Fire / Rescue # 20</u>	<u>Rescue # 76</u>
Haulover	North Miami East	1165 95 <sup>th</sup> Street
10500 Collins Ave.	1300 NE 16 <sup>th</sup> Ave.	Bay Harbor, FL 33154
Miami, FL 33154	North Miami, FL 33168	305-513-7976
1.90 miles	3.88 miles	1.57 miles
Non-Emergency (786) 331-5000		

Fire Boat North returned to service effective 7:00 a.m. Monday, October 13, 2014 and is currently stationed at the Port of Miami, Fire-Rescue Station # 73. The 50 - foot vessel provides enhanced rapid response to all types of maritime emergencies. A second A-36 foot ALS fire boat # 21 was placed in service at Haulover Marina on May 16, 2016.



## ***INDIAN CREEK VILLAGE, FLORIDA***

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### **Miami-Dade County Library:**

Bay Harbor Islands Library  
Morris N. Broad Community Center  
1175 95<sup>th</sup> Street  
Bay Harbor Islands, FL 33154

Business Hours:  
Tuesday through Saturday – 10am – 6 pm  
Sunday - Monday – closed  
Distance: 1.6 miles

North Shore Branch  
7501 Collins Ave.  
Miami Beach, FL 33141

Business Hours:  
Monday, Tuesday, Friday, Saturday – 10 am – 6 pm  
Wednesday – Noon – 8 pm  
Thursday & Sunday – closed  
Distance: 1.6 miles

### **Additional County-Wide Mobile Services:**

County wide services include corrections rehabilitation, judicial administration, Transit Agency, Public Health Trust, Air Rescue, Human and Social Services. Miami-Dade County is the regional government for all County residents.







# TRAFFIC SIGNAGE LOCATIONS

INDIAN CREEK VILLAGE

MAY 7, 2018

## LEGEND

Symbol	Description	Count
	No Trucks	(1)
	Reflectors	(4)
	Speed Limit	(6)
	No Outlet	(1)
	Directional	(3)
	Weight Limit	(2)
	Stop Sign	(9)



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