# **AGENDA**



# SPECIAL COUNCIL MEETING

Monday, January 30, 2023 4:00 pm Indian Creek Village Hall 9080 Bay Drive Indian Creek, FL 33154

#### SPECIAL COUNCIL MEETING

#### MONDAY, JANUARY 30, 2023

#### 4:00 PM

#### AT VILLAGE HALL

#### 9080 BAY DRIVE, INDIAN CREEK, FL 33154

https://us02web.zoom.us/j/84721801393 Meeting ID: 847 2180 1393

- 1. CALL TO ORDER / ROLL CALL OF MEMBERS
- 2. PLEDGE OF ALLEGIANCE
- **3. PUBLIC COMMENTS:** Any person wishing to address the Council, should state their name, and address, for the record, prior to making the statement.
- 4. CONSENT AGENDA

TAB 1

A. MINUTES: November 28, 2022 – Regular Council Meeting.

#### 5. RESOLUTIONS

TAB 2

- A. A RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, APPROVING AN AMENDMENT TO THE TERMS OF THE CONTRACT FOR CONSTRUCTION BETWEEN THE VILLAGE AND GIANNETTI CONSTRUCTION CORPORATION EXTENDING THE TIME FOR SUBSTANTIAL COMPLETION FOR THE VILLAGE ROADWAY REDEVELOPMENT PROJECT; PROVIDING FOR IMPLEMENTATION AND PROVIDING FOR AN EFFECTIVE DATE. (Resolution # 845).
- B. A RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO SUBMIT A GRANT APPLICATION TO THE FLORIDA INLAND NAVIGATION DISTRICT (FIND) WATERWAYS ASSISTANCE PROGRAM FOR FINANCIAL ASSISTANCE IN PURCHASING TWO YAMAHA 300 ENGINES FOR LAW ENFORCEMENT VESSELS; PROVIDING FOR IMPLEMENTATION; PROVIDING CERTIFICATIONS; AND PROVIDING FOR AN EFFECTIVE DATE. (Resolution # 846).

#### 6. DISCUSSION ITEM

TAB 3

**A.** Seawall Height.

- **A.** Construction Site Conditions.
- **B.** Financial Report FY2023 1<sup>st</sup> Qtr.
- 8. REQUEST FOR PLACEMENT OF ITEMS ON NEXT MEETING AGENDA TAB 5



# TAB 1

#### MINUTES OF REGULAR COUNCIL MEETING Monday, November 28, 2022, at 05:01 p.m.

#### 1. CALL TO ORDER/ROLL CALL OF MEMBERS 5:00 p.m.

Mayor, Bernard Klepach	Present
Vice Mayor, Javier Holtz	Present
Council Member, Irma Braman	Absent
Council Member, Robert Diener	Present
Council Member, Irwin Tauber	Present

#### VILLAGE STAFF

Village Manager, Guillermo Olmedillo Village Attorney, Stephen Helfman Chief of Police, John Bernardo Finance Director, Beatrice Good IT Director, David Fernandez Village Clerk, Roseann Prado Deputy Clerk, Lorelei Narmore Public Works, Brian Sprouse

#### **AUDIENCE PRESENT:**

Jesse Davis of GHD.com Aaron Rollins, Lot # 7 Thereza Murray, Lot # 25 Mario Golombek, Lot # 7 Clarece Depkin – via Zoom

#### 3. PUBLIC COMMENTS:

The following person spoke on the records:

• Clarece Depkin

#### 4. CONSENT AGENDA

**TAB 1** 

A. September 28, 2022, Minutes (Regular Council Meeting)

Council Member Tauber moved to approve the minutes of the Regular Council Meeting of 11/28/2022. Vice-Mayor Holtz seconded. The motion carried 4-0.

#### 5. RESOLUTIONS TAB 2

A. A RESOLUTION OF INDIAN CREEK VILLAGE, FLORIDA, PROVIDING FOR THE AMENDMENT OF THE 2021-2022 FISCAL YEAR BUDGET IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF BUDGET ORDINANCE NO. 227 AND AS PROVIDED IN EXHIBIT "A"; PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES. (Resolution # 844)

Mayor Klepach moved to approve Resolution # 844. Vice-Mayor Holtz seconded. The motion carried  $\mathbf{4} - \mathbf{0}$ .

#### **B.** STANTEC'S CONTRACT EXTENSION

**TAB 3** 

Vice-Mayor Holtz motioned to approve the extension of the contract with a month-tomonth Amendment. Council Member Diener seconded. The motion carried  $\mathbf{4} - \mathbf{0}$ .

C. **DEBRIS MONITORING AGREEMENT with WITT O'BRIEN** – Piggyback with Surfside Agreement

Vice-Mayor Holtz moved to approve the agreement. Council Member Tauber seconded. The motion carried 4-0.

### 6. MANAGER'S REPORT

**TAB 3** 

- **A.** Seawall Height Report
- **B.** Police Report

#### 7. ADJOURNMENT

Mayor Klepach motioned to adjourn the meeting. Council Member Diener seconded. The meeting adjourned at 6:39 p.m.

Submitted by:	
Roseann Prado, Village Clerk	-

# **TAB 2.A**



**TO:** Mayor, Vice-Mayor, and Honorable Members of the Council of Indian

Creek Village

**FROM**: Guillermo Olmedillo, Village Manager

**DATE**: January 30, 2023.

**TITLE**: Giannetti's Construction Contract

#### **Giannetti's Construction Contract Request.**

Giannetti is requesting an extension of time, to their construction contract until May 27, 2023.

#### **Background**

On May 17, 2021, the Village issued a "Notice to Proceed" to Giannetti Contracting Corp. pursuant to Article 2, Sec. 2.1 of the Construction Contract, with a time for substantial completion of 480 days, as specified under Art. 2, Sections 2.2 through 2.4. (See attachment).

On December 14, 2021, Giannetti requested an extension of time for substantial completion of the construction project until May 27, 2023. (See attachment).

#### Issue

The Contractor has continually worked and has completed approximately 85% of the specified contract work.

The construction industry has been affected by supply chain issues and several change orders and interruptions were agreed upon when necessary modifications were made.

#### **Recommendation**

To amend Article 2, Sec.2.2, of the Construction Contract, establishing the new substantial completion date of May 1, 2023.

#### **Attachments:**

#### ARTICLE2

#### **CONTRACT TIME**

- 2.1 Contractor shall be instructed to commence the Work by written instructions in the form of a Notice to Proceed providing a commencement date and issued by the Village Manager or designee. The Notice to Proceed will not be issued until Contractor's submission to Village of all required documents and after execution of this Contract.
- 2.2 Time is of the essence throughout this Contract. The Contractor shall prosecute the Work with faithfulness and diligence and the Work shall be substantially completed within Forty Hundred and Eighty (480) calendar days from the date specified in the Notice to Proceed ("Substantial Completion"). Substantial Completion shall be defined for this purpose as the date on which Village receives beneficial use of the Project. The Final Completion date is defined as the date agreed to by the Village when all Work has been completed in accordance with the Contract Documents.
- 2.3 Upon failure of Contractor to complete the Contract within the specified period of time, Contractor shall pay to Village the sum of One Thousand Dollars (\$1,000.00) for each calendar day after the time specified in Section 2.2 for Final Completion and readiness for final payment. These amounts are not penalties but are liquidated damages payable by Contractor to Village for the failure to provide full beneficial occupancy and use of the Project as required. Liquidated damages are hereby fixed and agreed upon between the parties who hereby acknowledge the difficulty of determining the amount of damages that will be sustained by Village as a consequence of Contractor's delay and failure of Contractor to complete the Contract on time. The above-stated liquidated damages shall apply separately to each phase of the Project for which a time for completion is given.
- Village is authorized to deduct the liquidated damages from monies due to Contractor for the Work under this Contract. In case the liquidated damage amount due to Village by Contractor exceeds monies due Contractor from Village, Contractor shall be liable and shall immediately upon demand by Village pay to Village the amount of said excess.

#### RESOLUTION 2023-845

A RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, APPROVING AMENDMENT TO THE TERMS OF THE CONTRACT FOR CONSTRCUTION **BETWEEN** THE VILLAGE **GIANNETTI** CONSTRUCTION CORPORATION **EXTENDING** TIME THE **FOR SUBSTANTIAL FOR** THE VILLAGE COMPLETION ROADWAY **PROVIDING** REDEVELOPMENT **PROJECT: IMPLEMENTATION** AND **PROVIDING FOR** ANEFFECTIVE DATE.

**WHEREAS**, on March 3, 2021, Indian Creek Village (the "Village") entered into a contract for construction with Giannetti Contracting Corporation for the redevelopment of Indian Creek Island Roadway (the "Contract"); and

**WHEREAS**, the Contract provides for a substantial completion date of September 9, 2022; and

WHEREAS, the parties wish to extend the substantial completion date to May 27, 2023.

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

**Section 1. Recitals Adopted**. Each of the above stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. Amendment. The Village Council hereby authorizes the Village Manager to approve an amendment of the Contract to extend the substantial completion date to May 27, 2023.

<u>Section 3.</u> <u>Implementation.</u> The Village Mayor and Village Attorney are hereby directed to take all action necessary and appropriate to implement this Resolution.

<u>Section 4.</u> <u>Effective Date.</u> This Resolution shall be effective immediately upon adoption.

BERNARD KLEPACH, MAYOR
IENCY:

PASSED and ADOPTED this 30<sup>th</sup> day of January 2023.

WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.

VILLAGE ATTORNEY

Michigan Office 6340 Sims Drive Sterling Heights, Michigan 48313

Office: 586-268-2090 Fax: 586-268-7099



Florida Office 1801 NW 18th Street Pompano Beach, FL 33069 Office: 954-972-8104 Fax: 954-972-8108

December 14, 2022

Indian Creek Village 9080 Bay Drive Indian Creek, FL 33154

Attn: Guillermo Olmedillo, Village Manager

golmedillo@icvps.org

Re:

Indian Creek Village, Roadway Development Project

Request for Extension of Time Giannetti's Project No F-166

Mr Olmedillo,

Due to many changes and delays on our Project I would like to request an extension of time for 210 working days for the following reasons and explanations:

Previously agreed and instructed by former Manager who advised us that our clock would start during our actual Construction Start Date which was July 6, 2021. Main cognitive was to avoid potential protests from other Bidders. At that time our Project was still not ready to begin and we were forced to proceed with pipe installation without any precast structures on site, which is unprecedented in roadway construction.

Original Start Date:

7/6/2021

Original Substantial Date:

10/29/2022

Revised Sub. 5/27/2023

Original Final Completion:

12/28/2022

Revised Final 7/26/2023

Please see below my clarifications that support Revised Substantial and Final Completion Dates at this time. We still have many pending RFQ's that we are waiting to be answered on.

EXT represent Extra scopes that were Field Ordered in the last minute to keep construction activities moving and progressing forward. These Extras represent unforeseen conflicts, redesigns, last minute ICV requests due to weddings, and repairing of existing Utilities due to its poor condition.

EXT-004

1 extra day requested

EXT-005

1 extra day requested

EXT-008-A

5 extra days requested

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EXT-012 1 extra day requested	
EXT-013 ½ extra day requested	
EXT-014 ½ extra day requested	
EXT-015  % extra day requested	
EXT-016 1 extra day requested	
EXT-017	
EXT-018 1 extra day requested	
EXT-019 1.5 extra days requeste	d
EXT-020 ½ extra day requested	
EXT-021 ½ extra day requested	
EXT-022 1 extra day requested	
EXT-023 3 extra days requested	
EXT-028 10 extra days requested	d
EXT-030 3 extra days requested	

Subtotal for extra days needed from extra scopes are 31 work days / 42 calendar days.

RFQ represent Request for a Quote. These requests were submitted by ICV directly or by EOR, Engineer of Record. These changes were not an emergency items, and were predicted by all parties of potential conflicts.

RFQ-006-A 10 extra days requested

45 extra days requested (approval pending) RFQ-007-C

RFQ-014 5 extra days requested

Subtotal for extra work days for RFQ's are 60 work days / 140 calendar days.

#### Pending RFQ's are listed below.

RFQ-006-B This will be Irrigation system RFQ, response from GCC pending RFQ-017 response still pending from ICV. Actual extra time will be requested RFQ-022 Future RFQ for removal of existing driveways. Extra time will be

requested

During Thanksgiving and Christmas with New Year Holidays in 2021/2022 we were Field Ordered to be off the Island for 4 weeks. Two weeks during Thanksgiving and two weeks during Christmas, which equals 28 calendar days.

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Original Substantial Completion Date 10/29/2022, plus 42 EXT days, 140 RFQ days, 28 Holiday Days puts us at May 27, 2023. Final Completion will be on July 26, 2023.

We are still waiting on responses on how to proceed with major activities such as driveways, electrical, trail, force main, and irrigation.

Concrete Driveways have to be redesigned as soon as possible so we can finish them up and start rough irrigation installation with 5' walking trail. Also, prior 5' Trail installation we need our electrical subcontractor to install all street lighting in order to avoid any machinery or trucks driving over walking path because all of the street lights are behind the trail on residential side. In order for us to complete DERM's requirements and fulfill DERM's permit for Force Main, we will need completed electrical scope on the Island so we could begin testing Grinder Tanks and Pumps startups.

I will submit our monthly administrative cost to you in order to keep this project managed and supported during these additional days until July 26, 2023.

I'm not presenting any rain day delays at this time because I think I have accomplished my clarification and support for extension of time on this Project.

Please call or email me at <u>ilia@giannetticorp.com</u> with any questions or concerns you might have.

Sincerely,

Ilia Lyssenko, Project Manager

# **TAB 2.B**



**TO:** Mayor, Vice-Mayor, and Honorable Members of the Council of Indian

Creek Village

**FROM**: John Bernardo, Chief of Police

**DATE**: January 30, 2023.

**TITLE**: Grant Application to the FL Inland Navigation District (FIND) Waterways

Assistance Program

#### **Grant Application**

FL Inland Navigation District (FIND) Waterways Assistance Program.

#### **Background**

FL Inland Navigation District (FIND) Waterways Assistance Program (WAP). provides funding to local governments for boater safety, public recreation, and inlet management, among other topics, directly related to the waterways, specifically the Atlantic Intercoastal Waterway. The 2023 application is due to FIND Board by March 27, 2023.

#### <u>Issue</u>

Indian Creek Village (ICV) maintains three vessels responsible for the safety of the waterway surrounding the village, which requires enforcing state boating regulations. These vessels operate 24 hours a day, seven days a week. Maintenance of the vessels is necessary to carry out this mandate. Consultation with the Board of FIND determined replacement engines for one of these vessels was deemed an eligible expense under the program. A requirement of the grant process is to obtain an official resolution from the sponsor entities governing body. The grant provides funding for 50% of eligible expenses up to \$100,000 annually.

#### Recommendations

To approve Resolution # 846 to apply for the FIND grant for replacement of two new engines for an ICV vessel.

#### **Attachments:**

Proposed Resolution #846.

#### **RESOLUTION NO. 2023-846**

A RESOLUTION OF THE VILLAGE COUNCIL OF INDIAN CREEK VILLAGE, FLORIDA, AUTHORIZING THE VILLAGE MANAGER TO **SUBMIT** A GRANT APPLICATION TO THE FLORIDA INLAND NAVIGATION **DISTRICT** (FIND) WATERWAYS ASSISTANCE **PROGRAM FOR** FINANCIAL **ASSISTANCE** IN PURCHASING TWO YAMAHA 300 ENGINES FOR LAW **ENFORCEMENT VESSELS: PROVIDING** IMPLEMENTATION; PROVIDING CERTIFICATIONS; AND PROVIDING FOR AN EFFECTIVE DATE.

**WHEREAS,** the Village of Indian Creek (the "Village") desires to provide the best security protection to its residents via the marine patrol through the Intercoastal Waterway; and

WHEREAS, the purpose of the Florida Inland Navigation District (FIND) Waterways Assistance Program is to assist local governments within the District to perform waterway improvement and safety programs; and

**WHEREAS,** the Village desires to apply for funding through the FIND Waterways Assistance Program for \$45,000 to be used toward the purchase two (2) new Yamaha 300 engines for the Village's Police Department vessels (the "Purchase");

WHEREAS, the Purchase will allow for increased security on the Village's Intercoastal Waterway; and

**WHEREAS**, the Village has the ability and intention to fund its share of the cost of the Purchase (minimum \_\_\_\_% of project cost), and it will be operated and maintained at the expense of the Village; and

WHEREAS, the Village accepts the terms and conditions set forth in FIND Rule 66B-2 F.A.C., which will be a part of the Purchase Agreement for any assistance awarded under the Village's proposal; and

**WHEREAS**, the Village will make the Purchase in the manner described in the proposal and any plans and specifications attached thereto unless prior approval for any change has been received from the District; and

**WHEREAS**, the Village will maintain adequate financial records on the proposed acquisition to substantiate claims for reimbursement; and

**WHEREAS**, the Village will make available to FIND if requested, a post-audit of expenses incurred prior to, or in conjunction with, request for the final 10% of the funding agreed to by FIND; and

WHEREAS, the Village Council desires to authorize the Village Manager to submit a FIND Waterway Assistance Program application and execute any and all subsequent agreements or documents with the Florida Inland Navigation District to accept funding; and

WHEREAS, the Village will not discriminate against any person on the basis of race, color or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of the Title VI of the Civil Rights Act of 1964, P. L. 88-352 (1964) and design and construct all facilities to comply fully with statutes relating to accessibility by persons with disabilities as well as other federal, state and local laws, rules and requirements; and

**WHEREAS,** the Village Commission finds that this Resolution is in the best interest and welfare of the residents of the Village.

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

**Section 1. Recitals Adopted.** Each of the above stated recitals are hereby adopted, confirmed, and incorporated herein.

Section 2. **<u>Authorization.</u>** That the Village Council hereby supports and authorizes

the Village Manager to submit an application for \$45,000 to the 2023 FIND Waterway Assistance

Program for the Purchase.

**Implementation.** That the Village Manager is authorized to execute any Section 3.

subsequent agreements or documents with the Florida Inland Navigation District to accept funding

for the Project, subject to the Village Attorney's approval as to form, content and legal sufficiency,

and to take such further action as may be necessary to implement the purpose and provisions of

this Resolution.

Section 4. **Effective Date.** That this Resolution shall be effective immediately upon

adoption.

PASSED and ADOPTED this 30th day of January, 2023.

	BERNARD KLEPACH, MAYOR
ATTEST:	
ROSEANN PRADO, VILLAGE CLERK	
APPROVED AS TO FORM AND LEGAL SUFFICIENG	CY:

WEISS SEROTA HELFMAN COLE & BIERMAN, P.L.

VILLAGE ATTORNEY

# TAB 3



**TO:** Mayor, Vice-Mayor, and Honorable Members of the Council of Indian

Creek Village

FROM: Guillermo Olmedillo, Village Manager

**DATE**: January 30, 2023. **TITLE**: Seawall Report

#### **Seawall Report**

The attached report issued by Gutteridge Haskins Davey (GHD), and the table titled Sea Wall Analysis, provide the necessary information to establish the standards of seawall elevation around the Village of Indian Creek.

#### **Background**

At the meeting of 11/28/2022, the Council considered the attached report and directed staff to bring the issue back for further consideration.

#### Issue

The adoption of a policy or an ordinance will give clear guidance to the properties seeking development orders or presently undergoing construction.

There are two issues to be decided by the Council. One, the wall height, and two, the implementation policy.

GHD recommends a plus 6 ft. NAVD, which corresponds to a plus 7.55 NGVD. (The reference to NGVD is made to clarify that the seawall survey produced by our engineering consultant CDM Smith used NGVD as a reference.) This recommended height will provide protection until the year 2080.

There are two options for the implementation policy. One is to undertake it as a municipal project for the entire island perimeter, similar, to the present infrastructure project. Two, requiring each owner to build up the seawall to the standard height, within a specific time or when there are improvements on the property. Whichever is earlier.

#### Recommendations

The Council, using Table 7 of the GHD Report, should determine how long should the seawall provide protection to the Village based on the year when the water surface elevation reaches the top of the seawall and follow the corresponding recommendation.

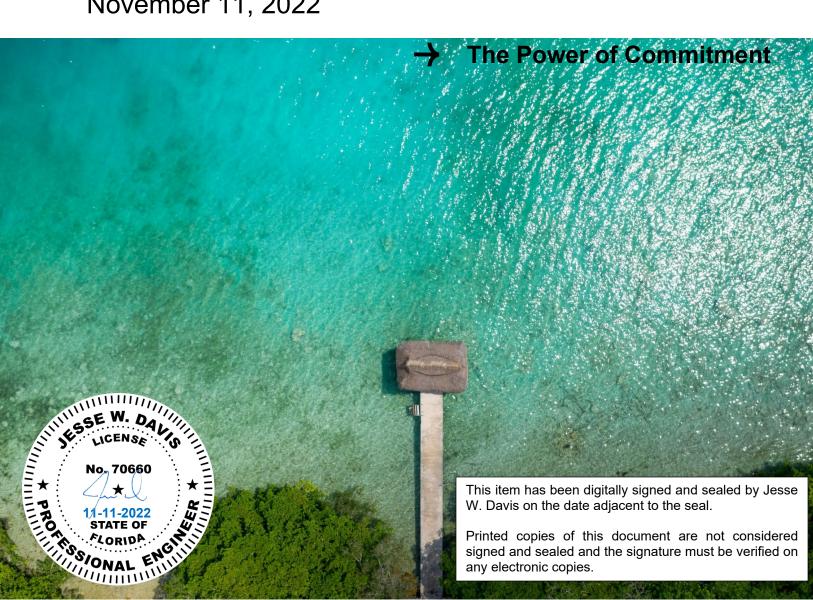
#### **Attachments:**

- 1. ICV Seawall Study from Gutteridge Haskins Davey (GHD).
- 2. Seawall Analysis Table.



# **Top of Seawall Study Indian Creek Village**

November 11, 2022



#### GHD | ghd.com

#### **Document Status**

Status	Revision	Author	Reviewer		Approved for issue		
Code			Name	Signature	Name	Signature	Date
Draft	00	Nick Bragaia	Michael R. Barnett	MRB	Jesse Davis	JWD	11-11-2022

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## 1. Introduction

## 1.1 Scope of Services

GHD was retained by Indian Creek Village (Village) to provide a recommended, uniform top of seawall elevation.

## 1.2 Location

The Village is a man-made island located north of Miami Beach and along the eastern extents of northern Biscayne Bay. The island encompasses ~250 acres, a private golf club, residential homes, and ~13,800 LF of mixed shorelines (the majority of which are seawalls). The Village Police station is situated on the Miami Beach barrier island and contains ~375 LF of shoreline (seawall). The approximate project limits are defined by the red and yellow lines depicted in Figure 1.



Figure 1 Project Limits

## 2. Client Provided Data

Longitude Surveyors conducted a top of seawall survey in November 2021 (Figure 2). The elevations ranged from 3.65ft NGVD-29 to 7.61ft, NGVD-29. This corresponds to +2.10ft, NAVD-88 to +6.06ft, NAVD-88. A tabulation of the minimum and maximum seawall elevations per lot along with the seawall survey are presented in Appendix A.

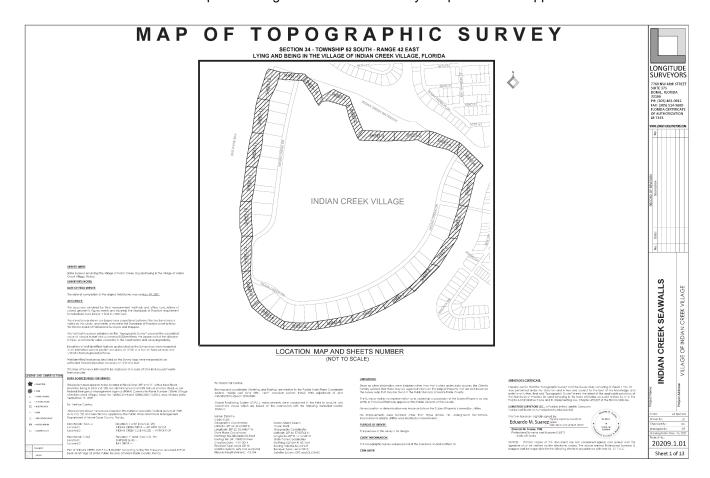


Figure 2 Indian Creek Village Seawall Survey

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# 3. Basis of Analysis

## 3.1 Top of Seawall Guidelines in South Florida

Table 1 presents the top of wall requirements for Miami-Dade County and other local municipalities.

Table 1 Southeast Florida Municipality Minimum Top of Wall Requirements

Municipality	Top of Wall Requirement (ft, NAVD88)	Reference	
Miami Dada Caunty	3.4 (required minimum)	Miami-Dade County, 2022	
Miami-Dade County	6.0 (proposed)		
North Bay Village	5.94 with ability to increase cap elevation to 8.44 in the future (proposed)	North Bay Village, 2022	
City of Miami Beach	5.7 (public walls)	City of Miami Beach, 2022	
	4.0 (private walls)		
Broward County	4.0 (by 2035)	Broward County, 2022	
Broward County	5.0 (by 2050)		
Other of Front Loudendele	3.9 (minimum)	City of Fort Loudordolo 2022	
City of Fort Lauderdale	5.0 (recommended)	City of Fort Lauderdale, 2022	

## 3.2 Service Life

Seawalls are typically designed for a service life of between twenty-five and seventy-five years. For example, the U.S. Navy Waterfront Criteria (UFC, 2001) recommends a 25-year service life while the American Association of State Highway and Transportation Officials (AASHTO) considers up to 75 years (FDOT, 2018). For this study, we consider top of wall scenarios up to the year 2100.

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## 3.3 Coastal Engineering Considerations

### 3.3.1 Tides

Tides at Indian Creek are semidiurnal (two high and two low tides per 24-hour period), with a great diurnal range of approximately 2.3 feet. NOAA station #8723214 (Virginia Key) was selected as the reference station for this study due to its record length, proximity to the site, and established tidal datums based on the current tidal epoch (1983-2001) (NOAA, 2022). Table 2 provides the tidal datums relative to the North American Vertical datum of 1988 (NAVD-88).

Table 2 Tidal Datums for Station 8723214 (Virginia Key), Biscayne Bay, FL

Datum	NAVD-88 (ft)
Highest Observed (09-10-2017)*	3.79
King Tide Event (10-05-2017)	2.30
Highest Astronomical Tide (HAT)	1.14
Mean Higher High Water (MHHW)	0.23
Mean High Water (MHW)	0.15
NAVD-88	0.00
Mean Sea Level (MSL)	-0.86
Mean Tide Level (MTL)	-0.89
Mean Low Water (MLW)	-1.88
Mean Lower Low Water (MLLW)	-2.02
Lowest Observed (03-29-1994)*	-3.30

<sup>\*</sup>Highest and lowest water observed water levels over the 28+ year record length (January 1994 – October 2022)

## 3.3.2 Seasonal Water Level Variations

Seasonal water levels vary according to fluctuations in coastal temperatures, winds, pressures, and other factors (NOAA, 2022). Peak water levels in Miami typically occur during the month of October and are approximately 0.52 ft (0.159 m) higher than normal (Figure 3). The lowest water levels occur during the spring and are approximately 0.23 ft (0.070 m) lower than normal.

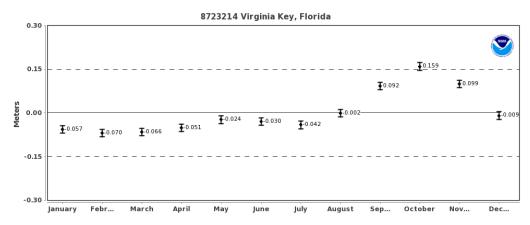


Figure 3 Seasonal Water Level Variations Relative to Mean Sea Level

### 3.3.3 Flood Elevations

Hurricanes, and the resulting storm surge, are the largest and most severe source of coastal flooding in Miami-Dade County. The water levels generated by extreme events can vary depending on location and the severity of the storm event being considered. To quantify the extreme water levels expected around the Village, two data sources were consulted and are detailed in the following sections.

#### 3.3.3.1 Federal Emergency Management Agency

The Federal Emergency Management Agency (FEMA) provides coastal flood risk data for communities throughout the United States and presents the results of their analyses in a Flood Insurance Study (FIS) accompanied by Flood Insurance Rate Maps (FIRMs). The present FIS (12086CV001B) is denoted as "Preliminary" and dated 02/25/2021 (FEMA, 2021). The FIS for Miami-Dade County, FL simulated flood elevations from passing storms using five parameters that influence surge (central pressure, radius to maximum winds, forward speed of the storm, shoreline crossing location, and crossing angle) and a joint probability method. The still water flood elevations are extracted from coastal transect number 111, which bisects the Village (see red line in Figure 4) and presented in Table 3.

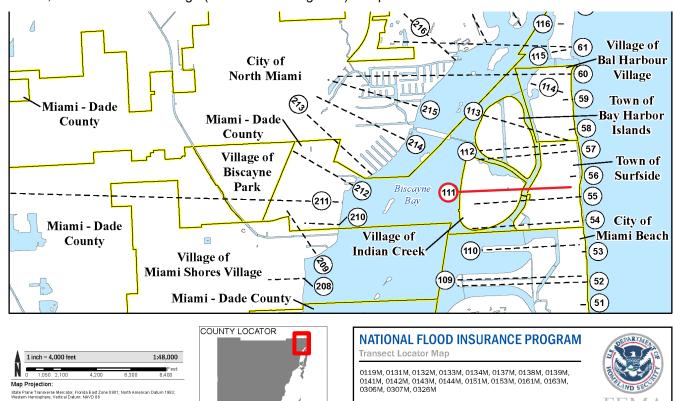


Figure 4 FEMA Coastal Transect Location Map

Table 3 FEMA Stillwater Flood Elevations

Return Interval	Water Surface Elevation (ft, NAVD88)
10-yr	2.4
25-yr	2.8
50-yr	5.8
100-yr	6.4

#### 3.3.3.2 United States Army Corps of Engineers

The Coastal Hazards System is a secondary source of flood elevation data provided by the United States Army Corps of Engineers (USACE) – Engineer Research and Development Center (ERDC). The study provides probabilistic flood elevations by simulating numerous historic and synthetic storm events (USACE, 2022). Figure 5 depicts seven locations adjacent to the Village where flood elevations were extracted from a numerical model that simulated over 1,000 historic and synthetic storm events. Table 4 provides a statistical analysis of these results and presents the water surface elevation (WSE) by return period. The data indicate that the WSE does not vary greatly around the island. A summary of the minimum, maximum, and average WSE value per return period is listed at the bottom of the table.



Figure 5 Locations of Nodal Output Points Containing Extreme WSE Data

Table 4 Extreme WSE from the USACE South Atlantic Coastal Study

		WSE (ft, NAVD88)		
Node ID	10-yr	25-yr*	50-yr	100-yr
31657	4.13	4.94	5.54	6.04
31659	4.17	4.98	5.58	6.10
31660	4.13	4.91	5.51	6.00
31667	4.07	4.84	5.41	5.91
31675	4.17	4.98	5.58	6.10
31685	4.07	4.81	5.41	5.87
31688	4.13	4.94	5.54	6.04
Minimum:	4.07	4.81	5.41	5.87
Maximum:	4.17	4.98	5.58	6.10
Average:	4.12	4.91	5.51	6.01

<sup>\*</sup>The SACS reports the 20-yr and the 50-yr return period WSE. Therefore, the 25-yr WSE reported above is estimated using linear interpolation.

#### 3.3.3.3 Flood Elevations Selected for this Study

Table 5 provides a comparison of the FEMA and USACE flood elevations. The WSE values are similar for the higher return period events (50-yr and 100-yr) but can vary by up to 2.1 feet for the lower return interval events. The more conservative values (shaded in blue) are utilized in the freeboard calculations presented in section 3.3.5.

Table 5 Comparison of Stillwater Flood Elevations

WSE (ft, NAVD88)				
Return Period	FEMA	SACS		
10-yr	2.4	4.17		
25-yr	2.8	4.98		
50-yr	5.8	5.58		
100-yr	6.4	6.10		

## 3.3.4 Sea Level Rise Projections

The Southeast Florida Regional Climate Change Compact (Compact) developed unified sea level rise (SLR) projections for planning and adaptation purposes in Palm Beach, Broward, Miami-Dade, and Monroe Counties. Initial sea level rise projections were released in 2011 and then updated in 2015 and 2019 (Compact, 2020). The Compact's recommendations for short (20-yr) and medium-term (50-yr) planning horizons utilize NOAA's 2017 Intermediate RSLR projections (NOAA, 2017). However, NOAA has since updated its RSLR projections (NOAA, 2022a). Therefore, an updated Compact guidance is summarized below in Table 6 utilizing the latest NOAA RSLR projections. Note that the values in Table 6 are relative to the year 1992. This is the central year in the current National Tidal Datum Epoch, which averages water levels over the time period of 1983 – 2001. This allows for a direct addition to the tidal datums provided in section 3.3.1.

Table 6 SE Florida Regional Climate Change Compact Unified SLR Projections (Updated to NOAA 2022)

Datum: Feet 1992 MSL					
Year	NOAA 2017 Int-High	NOAA 2022 Int-High*			
2040	1.45	0.99			
2050	2.01	1.38			
2060	2.63	1.97			
2070	3.38	2.69			
2080	4.24	3.48			
2090	5.19	4.37			
2100	6.21	5.42			

<sup>\*</sup>NOAA 2022 values are recommended for this study.

### 3.3.5 Seawall Freeboard Calculation

Table 7 provides the freeboard for a range of top of seawall elevations relative to a combination of stillwater flood elevations and sea level rise projections from 2040 to 2100. For this study, freeboard is defined as the difference between the water surface level and the top of wall elevation. Negative (-) freeboard indicates that the water level exceeds the top of wall elevation (cells shaded in pink), while cells shaded in green indicate the water level does not exceed the top of wall elevation.

Table 7 Seawall Freeboard Scenarios

Wall Elevation (ft, NAVD88)	Return Interval	2040	2060	2080	2100
2	100-yr	-5.39	-6.37	-7.88	-9.82
	50-yr	-4.79	-5.77	-7.28	-9.22
	25-yr	-3.97	-4.95	-6.46	-8.4
	10-yr	-3.16	-4.14	-5.65	-7.59
	2017 King Tide	-1.29	-2.27	-3.78	-5.72
3	100-yr	-4.39	-5.37	-6.88	-8.82
	50-yr	-3.79	-4.77	-6.28	-8.22
	25-yr	-2.97	-3.95	-5.46	-7.4
	10-yr	-2.16	-3.14	-4.65	-6.59
	2017 King Tide	-0.29	-1.27	-2.78	-4.72
4	100-yr	-3.39	-4.37	-5.88	-7.82
	50-yr	-2.79	-3.77	-5.28	-7.22
	25-yr	-1.97	-2.95	-4.46	-6.4
	10-yr	-1.16	-2.14	-3.65	-5.59
	2017 King Tide	0.71	-0.27	-1.78	-3.72
	100-yr	-2.39	-3.37	-4.88	-6.82
5	50-yr	-1.79	-2.77	-4.28	-6.22
	25-yr	-0.97	-1.95	-3.46	-5.4
	10-yr	-0.16	-1.14	-2.65	-4.59
	2017 King Tide	1.71	0.73	-0.78	-2.72
6	100-yr	-1.39	-2.37	-3.88	-5.82
	50-yr	-0.79	-1.77	-3.28	-5.22
	25-yr	0.03	-0.95	-2.46	-4.4
	10-yr	0.84	-0.14	-1.65	-3.59
	2017 King Tide	2.71	1.73	0.22	-1.72
7	100-yr	-0.39	-1.37	-2.88	-4.82
	50-yr	0.21	-0.77	-2.28	-4.22
	25-yr	1.03	0.05	-1.46	-3.4
	10-yr	1.84	0.86	-0.65	-2.59
	2017 King Tide	3.71	2.73	1.22	-0.72
8.5	100-yr	1.11	0.13	-1.38	-3.32
	50-yr	1.71	0.73	-0.78	-2.72
	25-yr	2.53	1.55	0.04	-1.9
	10-yr	3.34	2.36	0.85	-1.09
	2017 King Tide	5.21	4.23	2.72	0.78

<sup>\*</sup>Pink cells indicate scenarios where the water surface elevation exceeds the top of wall.

<sup>\*</sup>Green cells indicate scenarios where the water surface elevation does not exceed the top of wall.

## 4. Recommendations

GHD recommends that any newly constructed seawalls consider a minimum top of seawall elevation of +6ft, NAVD-88 with the ability to raise the top of wall to +8.5ft, NAVD-88. This is based on:

- A constructed top of wall of +6ft, NAVD-88 remains above the 2017 King Tide until 2080.
- A constructed top of wall of +6ft, NAVD-88 remains above the 25-yr stillwater flood elevation until 2040.
- A constructed top of wall of +6ft, NAVD-88 remains above the 10-yr stillwater flood elevation until 2050.
- A constructed top of wall +6ft, NAVD-88 complies with Miami-Dade County's proposed top of wall guidance as well as other local municipalities.
- A future top of wall of +8.5ft, NAVD-88 remains above the 2017 King Tide until past 2100.
- A future top of wall of +8.5ft, NAVD-88 remains above the 10-yr stillwater flood elevation until 2090.
- A future top of wall of +8.5ft, NAVD-88 remains above the 25-yr stillwater flood elevation until 2080.

## 5. References

- Broward County, 2022. Environmental Planning and Community Resilience Division. Broward County, FL. Proposed Minimum Seawall Height Policy. https://www.broward.org/Climate/Documents/201911\_Tidal%20Flood%20Barrier\_Deerfield\_.pdf. Date accessed: 8-31-2022.
- 2. City of Ft. Lauderdale, 2022. Unified Land Development Regulations of Section 47-19.3. http://gyr.fortlauderdale.gov/home/showdocument?id=15244. Date accessed: 8-31-2022.
- 3. City of Miami Beach, 2022. Office of Marketing and Communications; Seawall Ordinance. https://www.miamibeachfl.gov/wp-content/uploads/2021/01/Miami-Beach-Commission-Adopts-Seawall-Ordinance-.pdf. Date accessed: 8-31-2022.
- 4. Federal Emergency Management Agency (FEMA), 2021. Flood Insurance Study Miami-Dade County, Florida and Incorporated Areas. Flood Insurance Study Number 12086CV001B. Preliminary: February 25, 2021
- 5. 2020 Florida Building Code, Accessibility, 7th Edition.
- 6. Miami-Dade County, 2022. Public Works Manual, Part 2, Design and Construction. PDF transmitted via email on August 15, 2022.
- 7. Longitude Surveyors, 2021. Indian Creek Village, Seawall Survey dated November 2021.
- 8. National Oceanic and Atmospheric Administration (NOAA), 2017. Global and Regional Sea Level Rise Scenarios for the United States. NOAA Technical Report NOS CO-OPS 083. January 2017.
- 9. NOAA, 2022. Tides & Currents. https://tidesandcurrents.noaa.gov/stationhome.html?id=8723214. Date accessed: 7/7/2022.
- 10. NOAA, 2022a. NOAA Digital Coast Sea Level Rise Viewer. https://coast.noaa.gov/slr/. Date accessed: 7-7-2022.
- 11. (NOAA, 2022b) NOAA Vertical Datum (VDATUM) https://vdatum.noaa.gov/vdatumweb/
- 12. North Bay Village, 2022. Unified Land Development Code North Bay Village Florida. Adopted September 19, 2017.https://library.municode.com/fl/north\_bay\_village/codes/unified\_land\_development\_code?nodeId=UNLA DECONOBAVIFL. Date accessed: 9-14-2022.

- 13. Seawall-Bulkheads, SEACON, Sustainability and Resilience, Florida Department of Transportation (FDOT), presented at the 5<sup>th</sup> International Federation for Structural Concrete Congress in October 2018. https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/structures/innovation/frp/fib-177-sssrx.pdf?
- 14. United States Army Corps of Engineers (USACE), 2022. Coastal Hazards System. ERDC-CHL, https://chs.erdc.dren.mil/Home/Index
- 15. Unified Facilities Criteria (UFC), 2001. General Criteria for Waterfront Construction; UFC 4-151-10.



# THE VILLAGE OF INDIAN CREEK Sea Wall Analysis

Lot	High		Low			
Number	Point		Point		Condition	
ramer	NGVD	NAVD	NGVD	NAVD	Good	Poor
1	4.03	5.58	3.84	5.39	3334	X
2	4.53	6.08	4.41	5.96		X
3	4.52	6.07	4.41	5.96		X
4	5.1	6.65	4.9	6.45	Х	,
5	5.05	6.6	4.98	6.53	X	
6	5.08	6.63	4.96	6.51	X	
7	5.13	6.68	5.03	6.58	X	
8	5.09	6.64	4.86	6.41	X	
9	4.91	6.46	4.85	6.4	^	X
10	4.31	5.86	4.91	6.46		X
11	4.09	5.64	4.21	5.76		X
12	3.78	5.33	3.75	5.3		X
13	N/A	N/A	N/A	N/A		,
14	3.91	5.46	3.71	5.26		X
15	4.25	5.8	4.37	5.92		X
16	4.38	5.93	4.26	5.81		X
17	4.44	5.99	4.34	5.89	Х	,
18	3.97	5.52	3.86	5.41		X
19	4.04	5.59	3.9	5.45		X
	1101	3.33	0.5	3.13		Western section needs
20	4.3	5.85	4.03	5.58	X	attention
21	4.31	5.86	4.29	5.84	Х	
22	4.65	6.2	4.44	5.99	Х	
23	4.68	6.23	4.54	6.09	Х	
24	5.09	6.64	5.03	6.58	Х	
25	4.59	6.14	4.03	5.58	Х	
26	4	5.55	3.92	5.47	Х	
27	4.21	5.76	4.16	5.71	X	
28	4.2	5.75	4.15	5.7	X	
29	4.65	6.2	4.62	6.17	Х	
30	4.66	6.21	3.65	5.2	Х	
30A	4.71	6.26	4.63	6.18	Х	
31/32	4.67	6.22	4.82	6.37	Х	
33	4.1	5.65	4.07	5.62	Х	
34	4.07	5.62	3.96	5.51	Х	
35	4.04	5.59	3.95	5.5		X
36	4.21	5.76	3.98	5.53		X
37	4.07	5.62	3.9	5.45		X

38	4.07	5.62	3.89	5.44		X
39	4.53	6.08	3.93	5.48		X
40	4.48	6.03	4.42	5.97	Х	
41	4.52	6.07	4.47	6.02	Χ	
ICCC View Lo	t eastern se	ection need	ds attentio	<u> </u>		

NGVD = National Geodetic Vertical Datum 1929

NAVD = North American Vertical Datum 1988

NAVD = NGVD + 1.55

# **TAB 4.A**



**TO:** Mayor, Vice-Mayor, and Honorable Members of the Council of Indian

Creek Village

**FROM**: Guillermo Olmedillo, Village Manager

**DATE**: January 30, 2023.

**TITLE**: Construction Site Conditions

#### **Construction Site Conditions.**

The attached operating conditions will be required from all contractors working on construction projects in the Village.

#### **Background**

There are several construction projects under development while the parking and access conditions have been modified as a result of the infrastructure project. Namely, the paved area is narrower, irrigation, water and sewer lines, and electrical conduits are in place within the right-of-way.

#### <u>Issue</u>

Parking within the right-of-way on either side of the road will damage the infrastructure, and parking on the paved area interferes with safe traffic flow.

#### **Recommendations**

Please provide feedback to the Manager.

#### **Attachments:**

List of Conditions.



#### **CONSTRUCTION OPERATIONS MANAGEMENT**

#### **List of Conditions**

Every construction project shall comply with the following conditions:

- 1. The use of equipment that will cause damage to the pavement or any portion of the common infrastructure of the Village is prohibited.
- 2. The circulation of maintenance equipment or construction equipment that exceeds the weight limitations of the Island access bridge is prohibited.
- 3. All equipment, construction materials, and elements that exceed the weight limitations of the Island access bridge shall be delivered to the construction site by alternate means previously approved in writing by the Village Manager, or designee.
- 4. The construction equipment and material expected delivery schedule shall be provided to the Village Manager 48 hours in advance.
- 5. The on-site parking plan must be submitted for review and approval by the Village prior to the commencement of construction.
- 6. On-site parking is limited only to supervisors.
- 7. Construction vehicles or equipment are prohibited from parking on the paved road.
- 8. The construction manager of each site shall supply the Village with a list of all subcontractors and corresponding supervisors who will perform work during the following week. The list shall include names and contact information.
- 9. No construction or repair work in the village shall commence before 8:00 a.m. or continue after 5:00 p.m. on Monday through Friday. However, the creation of loud or excessive noise in connection with the conducting of such work shall not commence prior to 9:00 a.m. No construction or repair work shall be done on Saturday, Sunday, or on holidays designated by the village. The village manager may, upon written application submitted 48 hours in advance, setting forth good cause, authorize exemptions to this section.

# **TAB 4.B**

### Indian Creek Village

#### **Balance Sheet**

For GENERAL FUND (001) December 31, 2022

#### <u>Assets</u>

001.00.101.00101	CITY NATIONAL BANK	2,958,800.51
001.00.131.00101	DUE FROM FORFEITURE	8,805.47
001.00.101.00102	CITY NATL - INSURANCE RESERVE	126,549.78
001.00.102.00102	PETTY CASH	5,669.86
001.00.131.00102	DUE FROM BUILDING	81,240.07
001.00.101.00105	CITY NATL - LAW ENFORCEMENT TRAINING	212,465.50
001.00.101.00106	CITY NATL - POLICE TRAINING & EDUCATION	1,835.81
001.00.131.00125	DUE FROM STORMWATER	7,458.40
001.00.131.00131	DUE FROM WATER UTILITY FUND	163,421.25
001.00.131.00132	DUE FROM CAPITAL PROJECTS	2,409,563.44
To	otal	5,975,810.09
To	otal Assets	\$ 5,975,810.09

#### **Liabilities and Fund Balance**

001.00.207.00207	DUE TO FORFEITURE	163,803.60
001.00.207.00209	DUE TO WATER UTILITY	4,328.30
001.00.207.00210	DUE TO CAPITAL	39,125.00
001.00.216.00216	ACCRUED PAYROLL LIABILITY	15.75
	Total	207,272.65
	Total Liabilties	207,272.65
001.00.271.00270	FUND BALANCE - ASSIGNED INS RESERVE	250,000.00
001.00.271.00271	FUND BALANCE - UNASSIGNED	3,609,930.95
001.00.281.00281	FUND BALANCE - RESTRICTED PUBLIC SAFETY	214,256.90
	Total	4,074,187.85
	Excess of Revenue Over Expenditures	1,694,349.59
	Total Fund Balances	5,768,537.44
	Total Liabilities and Fund Balances	\$ 5,975,810.09

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## Indian Creek Village Statement of Revenue and Expenditures

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Original Budget
For (00)
For the Fiscal Period 2023-3 Ending December 31, 2022

			Current	Current	Annual	YTD	Remaining
Account Number			Budget	Actual	Budget	Actual	<b>Budget Amount</b>
Revenues							
001.00.311.00100	AD VALOREM TAXES	\$	995,869.80 \$	1,895,613.94 \$	4,979,349.00 \$	3,250,764.11 \$	1,728,584.89
001.00.312.00100	LOCAL OPTION GAS TAXES		487.50	483.36	5,850.00	944.70 \$	4,905.30
001.00.312.00200	MOTOR FUEL REBATE		277.50	0.00	1,110.00	0.00 \$	1,110.00
001.00.315.00100	COMMUNICATIONS SERVICES		220.83	270.99	2,650.00	538.33 \$	2,111.67
001.00.323.00100	FRANCHISE FEES - ELECTRIC		4,166.67	4,585.90	50,000.00	9,551.59 \$	40,448.41
001.00.325.00100	SPECIAL ASSESSMENT - ROA		188,578.80	0.00	942,894.00	0.00 \$	942,894.00
001.00.335.00100	ALCOHOLIC BEVERAGE LICEN		35.00	0.00	140.00	0.00 \$	140.00
001.00.335.00200	STATE REVENUE SHARING		185.42	200.59	2,225.00	601.77 \$	1,623.23
001.00.335.00300	HALF CENT SALES TAX		725.00	726.64	8,700.00	1,418.93 \$	7,281.07
001.00.342.00100	SERVICE CHARGE - SECURITY		583.33	1,100.00	7,000.00	1,200.00 \$	5,800.00
001.00.349.00300	POOLED FUND		0.00	0.00	0.00	(3,000.00) \$	0.00
001.00.351.00100	COURT FINES		45.83	118.08	550.00	118.08 \$	431.92
001.00.351.00300	STATE FORFEITURE FUNDS		0.00	0.00	0.00	30,388.08 \$	0.00
001.00.361.00100	INTEREST INCOME		416.67	701.53	5,000.00	2,002.26 \$	2,997.74
001.00.365.00300	SALE OF SURPLUS MATERIAL		0.00	0.00	0.00	5,700.00 \$	0.00
001.00.369.00300	MISCELLANEOUS INCOME		208.33	800.68	2,500.00	11,018.35 \$	(8,518.35)
001.00.381.00300	OPERATING TRANSFERS IN		0.00	0.00	85,000.00	0.00 \$	85,000.00
Total Revenues		\$	1,191,800.68 \$	1,904,601.71 \$	6,092,968.00 \$	3,311,246.20 \$	2,781,721.80
5 of B	Form and the same	•	4 404 000 00 0	4 00 4 00 4 74 . 0	0.000.000.00	0.044.040.00	0.704.704.00
Excess of Revenues O	ver Expenditures	\$	1,191,800.68 \$	1,904,601.71 \$	6,092,968.00 \$	3,311,246.20 \$	2,781,721.80

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### Indian Creek Village Statement of Revenue and Expenditures

# Original Budget For GENERAL GOVERNMENT (01) For the Fiscal Period 2023-3 Ending December 31, 2022

			Current	Current	Annual	YTD	Remaining
Account Number			Budget	Actual	Budget	Actual	Budget Amount
Expenditures							
001.01.513.11000	VILLAGE COUNCIL	\$	666.67 \$	0.00 \$	8,000.00 \$	0.00 \$	8,000.00
001.01.513.12000	ADMINISTRATIVE STAFF	*	25,353.58	23,151.06	304,243.00	63,288.21 \$	,
001.01.513.21000	PAYROLL TAXES		1,951.08	2,301.63	23,413.00	5,475.56 \$	,
001.01.513.22000	RETIREMENT CONTRIBUTIONS		3,042.75	2,291.50	36,513.00	7,045.00 \$	,
001.01.513.23000	LIFE HEALTH/DISABILITY INSU		3,240.42	3,429.83	38,885.00	13,821.67 \$	,
001.01.513.24000	WORKERS COMPENSATION		0.00	1,459.12	5,840.00	2,918.24 \$	,
001.01.513.31000	PROFESSIONAL SERVICES		8,275.00	7,552.50	99,300.00	29,663.50 \$	•
001.01.513.32000	ACCOUNTING & AUDITING		2,166.67	5,166.67	26,000.00	8,666.68 \$	,
001.01.513.34000	CONTRACTUAL SERVICE		3.650.00	3.327.25	43.800.00	7.423.50 \$	,
001.01.513.40000	PER DIEM		250.00	0.00	3.000.00	54.62 \$	,
001.01.513.41000	COMMUNICATIONS & POSTAG		1.920.83	998.82	23,050.00	3.342.54 \$	19.707.46
001.01.513.43000	UTILITIES		350.00	380.10	4.200.00	1.160.64 \$	3.039.36
001.01.513.44000	RENTALS & LEASES		1,224.17	1,153.86	14,690.00	5,134.98 \$	9,555.02
001.01.513.45000	PROPERTY & LIABILITY INSUR		0.00	6,424.14	25,000.00	14,936.28 \$	10,063.72
001.01.513.46000	REPAIRS & MAINTENANCE		1,505.00	1,056.83	18,060.00	1,578.73 \$	16,481.27
001.01.513.47000	PRINTING & ADVERTISING		291.67	714.56	3,500.00	782.85 \$	2,717.15
001.01.513.49000	OTHER CURRENT CHARGES		916.67	853.58	11,000.00	1,619.06 \$	9,380.94
001.01.513.51000	OFFICE SUPPLIES		375.00	357.54	4,500.00	3,859.04 \$	640.96
001.01.513.52000	OPERATING SUPPLIES		1,375.00	1,643.93	16,500.00	2,888.88 \$	13,611.12
001.01.513.54000	MEMBERSHIPS & TRAINING		1,708.33	3,212.98	20,500.00	7,719.70 \$	12,780.30
001.01.513.71000	PRINCIPAL EXPENSE		590,000.00	1,931.43	590,000.00	598,994.92 \$	(8,994.92)
001.01.513.72000	INTEREST EXPENSE		178,681.00	0.00	364,261.00	0.00 \$	364,261.00
001.01.513.91000	CONTINGENCIES		0.00	19,020.00	0.00	19,020.00 \$	0.00
Total GENERAL GOVER	RNMENT Expenditures	\$	826,943.84 \$	86,427.33 \$	1,684,255.00 \$	799,394.60 \$	884,860.40
GENERAL GOVERNME	NT Excess of Revenues Over Ex	\$	(826,943.84) \$	(86,427.33) \$	(1,684,255.00) \$	(799,394.60) \$	(884,860.40)

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## Indian Creek Village Statement of Revenue and Expenditures

Original Budget
For PUBLIC SAFETY (02)
For the Fiscal Period 2023-3 Ending December 31, 2022

		Current	Current	Annual	YTD	Remaining
Account Number		Budget	Actual	Budget	Actual	Budget Amount
Expenditures						
001.02.521.12000	PUBLIC SAFETY STAFF	\$ 124,742.92 \$	107,648.96 \$	1,496,915.00 \$	300,387.48 \$	1,196,527.52
001.02.521.14000	OVERTIME	12,500.00	18,580.12	150,000.00	66,696.30 \$	83,303.70
001.02.521.16000	OTHER PAYS	32,290.42	48,502.20	387,485.00	91,792.04 \$	295,692.96
001.02.521.21000	PAYROLL TAXES	12,969.58	10,778.92	155,635.00	30,953.61 \$	124,681.39
001.02.521.22000	RETIREMENT CONTRIBUTIONS	15,075.83	13,097.92	180,910.00	36,725.73 \$	144,184.27
001.02.521.23000	LIFE HEALTH/DISABILITY INSU	26,541.67	2,387.35	318,500.00	77,620.03 \$	240,879.97
001.02.521.24000	WORKERS COMPENSATION	0.00	8,714.05	34,860.00	17,428.10 \$	17,431.90
001.02.521.31000	PROFESSIONAL SERVICES	25,305.83	22,051.08	303,670.00	56,790.96 \$	246,879.04
001.02.521.32000	ACCOUNTING & AUDITING	2,166.67	5,166.67	26,000.00	8,666.68 \$	17,333.32
001.02.521.34000	CONTRACTUAL SERVICES	4,105.42	2,945.95	49,265.00	8,915.90 \$	40,349.10
001.02.521.40000	PER DIEM	416.67	0.00	5,000.00	1,004.39 \$	3,995.61
001.02.521.41000	COMMUNICATIONS & POSTAG	2,083.33	1,764.11	25,000.00	2,498.25 \$	22,501.75
001.02.521.43000	UTILITIES	1,591.67	885.84	19,100.00	3,836.65 \$	15,263.35
001.02.521.44000	RENTALS & LEASES	3,625.00	3,936.52	43,500.00	16,407.37 \$	27,092.63
001.02.521.45000	PROPERTY & LIABILITY INSUR	0.00	15,648.12	67,500.00	31,296.24 \$	36,203.76
001.02.521.46000	REPAIRS & MAINTENANCE	7,916.67	5,474.83	95,000.00	8,869.86 \$	86,130.14
001.02.521.51000	OFFICE SUPPLIES	208.33	0.00	2,500.00	681.49 \$	1,818.51
001.02.521.52000	OPERATING SUPPLIES	12,083.33	16,712.57	145,000.00	46,649.00 \$	98,351.00
001.02.521.54000	MEMBERSHIPS & TRAINING	2,616.67	3,148.10	31,400.00	10,281.93 \$	21,118.07
001.02.521.91000	CONTINGENCY - DISASTER RE	6,250.00	0.00	75,000.00	0.00 \$	75,000.00
Total PUBLIC SAFETY	Expenditures	\$ 292,490.01 \$	287,443.31 \$	3,612,240.00 \$	817,502.01 \$	2,794,737.99
	=					
PUBLIC SAFFTY Faces	s of Revenues Over Expenditure	\$ (292.490.01) \$	(287.443.31) \$	(3.612.240.00) \$	(817.502.01) \$	(2,794,737.99)

#### 1/9/2023 4:56pm

# Indian Creek Village Statement of Revenue and Expenditures

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Original Budget

For the Fiscal Period 2023-3 Ending December 31, 2022

	Current	Current	Annual	YTD	Remaining
Account Number	Budget	Actual	Budget	Actual	Budget Amount
					_
Total Revenues	\$ 1,191,800.68 \$	1,904,601.71	6,092,968.00	\$ 3,311,246.20	\$ 2,781,721.80
Total Expenditures	\$ 1,119,433.85 \$	373,870.64	5,296,495.00	\$ 1,616,896.61	\$ 3,679,598.39
Total Excess of Revenues Over Expenditures	\$ 72,366.83 \$	1,530,731.07	796,473.00	\$ 1,694,349.59	\$ (897,876.59)

### Indian Creek Village

#### **Balance Sheet**

For SPECIAL REVENUE - FORFEITURE (101)
December 31, 2022

#### <u>Assets</u>

101.00.101.00101	CASH - CITY NATL - JUSTICE	10,519.26
101.00.101.00102	CASH - CITY NATL - TREASURY	158,125.15
101.00.131.00131	DUE FROM GENERAL	163,803.60
	Total	332,448.01
	Total Assets	\$ 332,448.01
	Liabilities and Fund Balance	
101.00.207.00207	DUE TO GENERAL FUND	8,805.47
	Total	 8,805.47
	Total Liabilties	 8,805.47
101.00.271.00271	FUND BALANCE - RESTRICTED	317,718.58
101.00.271.00271	Total	 317,718.58
	Excess of Revenue Over Expenditures	 5,923.96
	Total Fund Balances	 323,642.54
	Total Liabilities and Fund Balances	\$ 332,448.01

#### 1/9/2023 5:03pm

### Indian Creek Village

#### Statement of Revenue and Expenditures

Original Budget
For SPECIAL REVENUE - FORFEITURE (101)
For the Fiscal Period 2023-3 Ending December 31, 2022

	Current	Current	Annua	I YTD	Remaining
Account Number	Budget	Actua	Budge	t Actual	Budget %
Revenues					
101.00.351.00100 FEDERAL FORFEITURE FUNDS \$	39,386.25	\$ 0.00	\$ 472,635.00	\$ 14,070.00	97.02%
101.00.361.00000 INTEREST INCOME	83.33	34.64	1,000.00	100.18	89.98%
Total SPECIAL REVENUE - FORFEITURE Revenues \$	39,469.58	\$ 34.64	\$ 473,635.00	\$ 14,170.18	97.01%
Expenditures					
101.00.521.32000 ACCOUNTING & AUDITING \$	583.33	\$ 583.33	\$ 7,000.00	\$ 2,333.32	66.67%
101.00.521.44000 RENTALS & LEASES - VEHICLE	3,261.25	2,615.90	39,135.00	5,912.90	84.89%
101.00.521.63000 INFRASTRUCTURE - PERIMTE	35,625.00	0.00	427,500.00	0.00	100.00%
Total SPECIAL REVENUE - FORFEITURE Expenditure \$	39,469.58	\$ 3,199.23	\$ 473,635.00	\$ 8,246.22	98.26%
SPECIAL REVENUE - FORFEITURE Excess of Revenues \$	0.00	\$ (3,164.59)	\$ 0.00	\$ 5,923.96	0.00%

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### Indian Creek Village Balance Sheet

For BUILDING DIVISION (102) December 31, 2022

#### <u>Assets</u>

102.00.101.00101	CASH - BUILDING PERMITS	1,631,646.68
	Total	 1,631,646.68
	Total Assets	\$ 1,631,646.68
	Liabilities and Fund Balance	
102.00.207.00207	DUE TO GENERAL FUND	81,240.08
	Total	 81,240.08
	Total Liabilties	81,240.08
102.00.281.00281	FUND BALANCE - RESTRICTED	1,421,921.98
	Total	 1,421,921.98
	Excess of Revenue Over Expenditures	 128,484.62
	Total Fund Balances	 1,550,406.60
	Total Liabilities and Fund Balances	\$ 1,631,646.68

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# Indian Creek Village Statement of Revenue and Expenditures

Original Budget
For BUILDING DIVISION (102)
For the Fiscal Period 2023-3 Ending December 31, 2022

		Current	Current	Annual	YTD	Remaining
Account Number		Budget	Actual	Budget	Actual	Budget %
Revenues						
102.00.322.00300 BUILDING PERMITS	\$	15,833.33 \$	1,750.96 \$	190,000.00 \$	175,574.06	7.59%
102.00.361.00300 INTEREST INCOME		12.50	20.11	150.00	59.44	60.37%
Total BUILDING DIVISION Revenues	\$	15,845.83 \$	1,771.07 \$	190,150.00 \$	175,633.50	7.63%
Expenditures						
102.01.524.12000 PERMIT CLERK	\$	5,416.67 \$	5,000.01 \$	65,000.00 \$	13,750.03	78.85%
102.01.524.12001 INSPECTORS		2,387.50	2,317.88	28,650.00	6,953.64	75.73%
102.01.524.21000 PAYROLL TAXES		597.08	559.82	7,165.00	1,583.84	77.89%
102.01.524.22000 RETIREMENT CONTRIBUTION:	S	650.00	644.53	7,800.00	1,783.59	77.13%
102.01.524.23000 LIFE HEALTH/DISABILITY INSU	l	1,238.75	1,475.75	14,865.00	5,154.65	65.32%
102.01.524.24000 WORKERS COMPENSATION		295.00	478.32	3,540.00	956.64	72.98%
102.01.524.31000 PROFESSIONAL SERVICES		3,083.33	2,500.00	37,000.00	8,066.50	78.20%
102.01.524.32000 ACCOUNTING & AUDITING		625.00	416.66	7,500.00	1,666.64	77.78%
102.01.524.40000 TRAVEL AND PER DIEM		0.00	3,580.47	0.00	3,580.47	0.00%
102.01.524.41000 COMMUNICATIONS & POSTAG	i	315.83	221.16	3,790.00	419.16	88.94%
102.01.524.43000 UTILITIES		70.00	0.00	840.00	0.00	100.00%
102.01.524.44000 DOCUMENT STORAGE		541.67	0.00	6,500.00	606.85	90.66%
102.01.524.47000 PRINTING & SCANNING		333.33	951.04	4,000.00	1,731.29	56.72%
102.01.524.51000 OFFICE SUPPLIES		291.67	0.00	3,500.00	895.58	74.41%
Total BUILDING DIVISION Expenditures	\$	15,845.83 \$	18,145.64 \$	190,150.00 \$	47,148.88	75.20%
BUILDING DIVISION Excess of Revenues Over Expendi	t \$	0.00 \$	(16,374.57) \$	0.00 \$	128,484.62	0.00%

8,092,918.19

### Indian Creek Village

#### **Balance Sheet**

For CAPITAL PROJECTS FUND (301) December 31, 2022

#### <u>Assets</u>

	CASH - PROJECT FUND ACCT - TD Bank		7,198,907.35
	CASH - INTEREST & PRINCIPAL (TD Bank)		320.92
	CASH - DEBT SERVICE RESERVE (TD Bank)		854,564.92
	DUE FROM GENERAL		39,125.00
Total			8,092,918.19
Total As	sets	\$	8,092,918.19
	Liabilities and Fund Balance		
	RETAINAGE PAYABLE		523,448.55
	DUE TO GENERAL FUND		2,409,563.44
Total			2,933,011.99
Total Lia	bilties		2,933,011.99
	FUND BALANCE - COMMITTED		6,951,723.29
Total			6,951,723.29
	Excess of Revenue Over Expenditures		(1,791,817.09)
Total Fu	nd Balances		5,159,906.20
	Total As  Total  Total Lia	CASH - INTEREST & PRINCIPAL (TD Bank) CASH - DEBT SERVICE RESERVE (TD Bank) DUE FROM GENERAL  Total  Total Assets  Liabilities and Fund Balance  RETAINAGE PAYABLE DUE TO GENERAL FUND  Total  Total Liabilities  FUND BALANCE - COMMITTED	CASH - INTEREST & PRINCIPAL (TD Bank) CASH - DEBT SERVICE RESERVE (TD Bank) DUE FROM GENERAL  Total  Total Ssets  Liabilities and Fund Balance  RETAINAGE PAYABLE DUE TO GENERAL FUND  Total  Total Liabilities  FUND BALANCE - COMMITTED  Total  Excess of Revenue Over Expenditures

**Total Liabilities and Fund Balances** 

#### 1/9/2023 5:03pm

## Indian Creek Village Statement of Revenue and Expenditures

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Original Budget
For CAPITAL PROJECTS FUND (301)
For the Fiscal Period 2023-3 Ending December 31, 2022

		Current	Current	Annua	al	YTD	Remaining
Account Number		Budget	Actual	Budge	et	Actual	Budget %
Revenues							
301.00.361.00300 INTEREST INCOME	\$	0.00 \$	7,452.22	\$ 0.00	\$	19,294.61	0.00%
Total CAPITAL PROJECTS FUND Revenues	\$	0.00 \$	7,452.22	\$ 0.00	\$	19,294.61	0.00%
Expenditures							
301.00.517.71000 PRINCIPAL EXPENSES	\$	0.00 \$	0.00	\$ 0.00	\$	5,010.50	0.00%
301.00.517.72000 INTEREST EXPENSES		0.00	178,680.50	0.00	1	178,680.50	0.00%
301.00.541.65000 CONSTRUCTION IN PROGRES		0.00	693,215.10	0.00	1	1,627,420.70	0.00%
Total CAPITAL PROJECTS FUND Expenditures	\$	0.00 \$	871,895.60	\$ 0.00	\$	1,811,111.70	0.00%
CAPITAL PROJECTS FUND Excess of Revenues Over E	\$	0.00 \$	(864,443.38)	\$ 0.00	\$	(1,791,817.09)	0.00%

### Indian Creek Village

#### **Balance Sheet**

For STORMWATER UTILITY FUND (401)
December 31, 2022

#### <u>Assets</u>

		_ <del></del> _	
401.00.101.00101		CITY NATIONAL BANK	355,755.90
401.00.151.00110		INVESTMENTS - CITY NATIONAL	538,553.67
401.00.115.00115		ACCOUNTS RECEIVABLE	120,750.93
401.00.166.00166		PROPERTY & EQUIPMENT	176,836.60
401.00.166.00167		A/D- PROPERTY & EQUIPMENT	(81,448.26)
401.00.169.00169		CONSTRUCTION IN PROGRESS	452,025.25
	Total		 1,562,474.09
	Total As	sets	\$ 1,562,474.09
401.00.202.00202 401.00.207.00207	Total Total Lia	Liabilities and Fund Balance  ACCOUNTS PAYABLE DUE TO GENERAL FUND  Abilities	50,000.00 7,458.40 57,458.40 57,458.40
401.00.276.00270		RETAINED EARNINGS	1,404,046.68
401.00.274.00274	<b>T</b> - 4 - 1	INVESTED IN CAPITAL ASSETS	 107,177.44
	Total	Evenes of Devenue Over Evnenditures	 1,511,224.12
		Excess of Revenue Over Expenditures	 (6,208.43)
	Total Fu	nd Balances	 1,505,015.69

\$

1,562,474.09

**Total Liabilities and Fund Balances** 

#### 1/9/2023 5:03pm

### Indian Creek Village Statement of Revenue and Expenditures

Page 4

# Original Budget For STORMWATER UTILITY FUND (401) For the Fiscal Period 2023-3 Ending December 31, 2022

		Current	Current	Annual	YTD	Remaining
Account Number		Budget	Actual	Budget	Actual	Budget %
Revenues						
401.00.343.00100 STORMWATER FEES	\$	0.00 \$	0.00 \$	183,550.00 \$	0.00	100.00%
401.00.361.00300 INTEREST INCOME		208.33	73.09	2,500.00	221.65	91.13%
Total STORMWATER UTILITY FUND Revenues	\$	208.33 \$	73.09 \$	186,050.00 \$	221.65	99.88%
Expenditures						
401.00.538.31000 PROFESSIONAL FEES	\$	3,750.00 \$	275.00 \$	45,000.00 \$	626.68	98.61%
401.00.538.46000 REPAIRS & MAINTENANCE		1,833.33	2,654.64	22,000.00	4,979.40	77.37%
401.00.538.49001 LICENSES & PERMITS		116.67	0.00	1,400.00	824.00	41.14%
401.00.538.59000 DEPRECIATION		0.00	0.00	6,000.00	0.00	100.00%
401.00.581.91000 OPERATING TRANSFERS - OU		0.00	0.00	35,000.00	0.00	100.00%
Total STORMWATER UTILITY FUND Expenditures	\$	5,700.00 \$	2,929.64 \$	109,400.00 \$	6,430.08	94.12%
STORMWATER UTILITY FUND Excess of Revenues Ove	\$	(5,491.67) \$	(2,856.55) \$	76,650.00 \$	(6,208.43)	108.10%

### Indian Creek Village Balance Sheet

For WATER UTILITY FUND (402) December 31, 2022

#### <u>Assets</u>

402.00.101.00101	CITY NATIONAL		1,185,734.07
402.00.131.00101	DUE FROM GENERAL FUND		4,328.30
402.00.151.00110	INVESTMENTS - CITY NATIONAL		52,882.92
402.00.115.00115	ACCOUNTS RECEIVABLE		89,429.58
402.00.166.00166	PROPERTY & EQUIPMENT		701,268.10
402.00.167.00167	A/D- PROPERTY & EQUIPMENT		(620,446.00)
402.00.169.00169	CONSTRUCTION IN PROGRESS		116,200.80
	Total		1,529,397.77
	Total Assets	\$	1,529,397.77
	<b>Liabilities and Fund Balance</b>		
402.00.207.00207	DUE TO GENERAL FUND		163,421.25
	Total		163,421.25
	Total Liabilties		163,421.25
402.00.274.00274	INVESTED IN CAPITAL ASSETS		101,419.42
402.00.276.00274	RETAINED EARNINGS		1,293,628.33
	Total		1,395,047.75
	Excess of Revenue Over Expenditures	<del></del>	(29,071.23)
	Total Fund Balances		1,365,976.52
	Total Liabilities and Fund Balances	\$	1,529,397.77

#### 1/9/2023 5:03pm

## Indian Creek Village Statement of Revenue and Expenditures

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Original Budget
For WATER UTILITY FUND (402)
For the Fiscal Period 2023-3 Ending December 31, 2022

		Current	Current	Annual	YTD	Remaining
Account Number		Budget	Actual	Budget	Actual	Budget %
Revenues						
402.00.343.00300 WATER REVENUE	\$	135,208.25 \$	73,800.64 \$	540,833.00 \$	73,800.64	86.35%
402.00.343.00400 DERM FEE REVENUE		8,112.50	4,427.92	32,450.00	4,427.92	86.35%
402.00.361.00300 INTEREST INCOME		333.33	241.98	4,000.00	713.75	82.16%
Total WATER UTILITY FUND Revenues		143,654.08 \$	78,470.54 \$	577,283.00 \$	78,942.31	86.33%
Expenditures 402.00.536.31000 PROFESSIONAL FEES	\$	2.833.33 \$	3,101.00 \$	34,000.00 \$	10,205.06	69.99%
402.00.536.34000 CONTRACTUAL SERVICES	Ψ	23,433.33	32,562.85	281,200.00	77,861.12	72.31%
402.00.536.46000 REPAIRS & MAINTENANCE		4,583.33	0.00	55,000.00	0.00	100.00%
402.00.536.49002 DERM PAYMENT		0.00	0.00	32,450.00	19,947.36	38.53%
402.00.536.59000 DEPRECIATION		0.00	0.00	24,000.00	0.00	100.00%
402.00.536.64000 CAPITAL OUTLAY		833.33	0.00	10,000.00	0.00	100.00%
402.00.581.91000 OPERATING TRANSFER - OUT		0.00	0.00	50,000.00	0.00	100.00%
Total WATER UTILITY FUND Expenditures	\$	31,683.32 \$	35,663.85 \$	486,650.00 \$	108,013.54	77.80%
WATER UTILITY FUND Excess of Revenues Over Expen	\$	111,970.76 \$	42,806.69 \$	90,633.00 \$	(29,071.23)	132.08%