

# BAL HARBOUR

- V I L L A G E -

OFFICE OF THE VILLAGE MANAGER

LETTER TO COUNCIL

NO. 007-2021

To: Mayor Gabriel Groisman and Members of the Village Council  
From: Jorge M. Gonzalez, Village Manager   
Date: January 15, 2021  
Subject: **Quarterly Capital Project Status Report October - December 2020**

The purpose of this Letter to Council (LTC) is to transmit to you the quarterly status update of all Capital Projects.

The attached report reflects projected timeline and status for the Capital projects from October thru December 2020. The reports reflects the information on those projects that received the highest priority in the 2020 Retreat Initiatives for the Capital Program.

Should you have any questions or require additional information, please feel free to call Mattie Reyes or me directly.

JMG/MER/MH

## CAPITAL PROGRAM STATUS REPORT October - December 2020

### I. Parks & Public Spaces Operations Facility Remodeling 1840 NE 144 Street, N. Miami

#### **Status:**

John Bell Construction is finalizing the site work and interior finishes in the next week. The project has experienced a delay in the delivery of the Generator Automatic Transfer System and the substantial completion date has shifted to the end of January 2021.

In September 2020, the DEO Rebuild Florida Mitigation Program applications were submitted for funding in the amount of \$500,000 under the facility hardening program. We had a virtual online meeting September 15<sup>th</sup> and our timeline may not be in alignment with their grant award date because COVID has created delays. On October 26<sup>th</sup>, their team conducted a site meeting and in the next month they will determine the approved amount. We are still awaiting a response in the next 2 months.

The Florida Division of Emergency Management (UASI) application for assistance with the EOC components was submitted in conjunction with Miami Dade County Fire Rescue Department and we expect to receive news in June.

#### 18 Bal Bay Drive-Demolition of existing PPS Facility, Recreation Center and Playground:

Permit documents were approved by Miami-Dade County Department of Environmental Resource Management and Fire. Village Building Department will finalize the permit this coming week. Demolition of the existing facilities is scheduled to begin in mid-February 2021 and the duration is 30 days, therefore, the area will be restored with sod by March 15th.

### II. Waterfront Park Development:

#### **Status:**

Currently, the construction documents have been 100% completed and were submitted simultaneously to the Village Building Department and Miami Dade County DERM & FIRE for review. Comments generated from the permit review, have been resolved and Zyscovich will be resubmitting the revised plans on January 18th. Subsequently, bid documents will be prepared and the procurement process will commence. If bids are successful, staff estimates that a construction contract will be awarded by June 2021.

The Florida Department of Environmental Protection - Florida Resilient Coastlines Program grant for the Park project was submitted on October 9<sup>th</sup>

requesting an amount of \$500,000. We are still awaiting a response from the agency.

Seawall Reconstruction Project:

On December 10th, 2020, staff issued Invitation to Bid (ITB) 2020-002 to several marine construction companies and also uploaded the documents with supporting permit drawings to the Public Purchase website.

Three marine construction companies were initially interested in bidding and downloaded the documents: Case Marine Construction International, LLC (Case) submitted the lowest bid proposal for the required scope of work in the amount of \$762,705 with an amount of \$38,310 for alternative bid item The Village received a second bid from Ebsary Foundation Company (Ebsary) in an amount of \$1,039,006 with an amount of \$17,750 for alternative bid items. Both base bids are below the projected budget of \$1,122, 695.

Coastal has reviewed both bids. Case included a value engineering substitution using TRULINE Seawall System. Coastal will also be required to submit the proposed substitution to the permit agencies for approval and said review will provide the final determination if the substitution can be accepted by the Village. If the permit agencies reject the substitution and/or the Village is unable to negotiate successfully with Case, the Village Manager will negotiate with the second bidder and if this negotiation is successful, the Village will then award a construction contract to Ebsary Foundation Company. After staff receives Council approval, a construction contract will be awarded and construction may commence on March 01, 2021 with 120 days for the project to achieve substantial completion.

III. Jetty/Cutwalk/96th Street-End Design Development:

**Status:**

Mikyong Design (MYKD) is 30% complete in the Construction Documents Phase. Biweekly design meetings have been scheduled with all team members which will assist the Village in expediting the project.

Pursuant to the submission of the Florida Inland Navigational District (FIND) Waterway Assistance Program grant application, on September 24<sup>th</sup>, the Village received notice that the Village had been awarded the funding in the amount of \$252,000 for Phase I design and funding has been available as of October 1, 2020.

In March, the Village will be submitting the FIND Phase II Construction application to apply for construction funding for the Jetty.

Herman Fultz Plaza:

On October 1st, the Village applied to the FDOT Beautification Program for a grant amount of \$100,000 that will help fund the landscape and irrigation

scope of work. The Village will match the funding for the remaining scope of work, i.e. pavers, drainage.

On January 13th, 2021 FDOT notified the Village that the Letter of Award was sent out for our Beautification Grant.

96<sup>th</sup> Street End:

In December 2019, Council approved MYKD's additional service proposal for a design concept for the 96th Street End project to align the proposed design with the Jetty's vision. We received a concept visioning which we will share with the Town of Surfside once a meeting with the new Town Manager can be coordinated.

IV. Bal Harbour Beach Nourishment Project:

**Status:**

On March 20, 2020, The Florida Department of Environmental Protection (FDEP) issued a Request for Additional Information (RAI), to the U. S. Army Corps of Engineers (USACE). The RAI largely focuses on questions related to the flood shoal borrow area - dredging details, geotechnical data, and resources in close proximity to borrow area. There are also questions related to the sand compatibility of the proposed upland sand sources in the RAI.

The Village in collaboration with our retained Coastal Engineer, Cummins Cederberg, Inc. continue to monitor the progress of this project during the permitting phase.

On April 3, 2020, The Village received the Notice of Availability (NOA) of the draft Environmental Assessment (EA) and proposed Finding of No Significant Impact (FONSI) for the beach re-nourishment of Bal Harbour Beach, Miami-Dade County, Florida, under the Dade County Beach Erosion Control and Hurricane Protection Project (BEC&HPP).

The draft EA evaluates the use of four additional sand sources for re-nourishment of Bal Harbour Beach: dredged material from the Bakers Haulover Inlet (BHI) Channel and the BHI Flood Shoal, upland sand mine Garcia Family Farm, LLC in Henry County (Garcia), and upland sand mine Cemex Construction Material Florida, LLC in Polk County (Cemex). Potential borrow area alternatives for the Bal Harbour Beach re-nourishment evaluated in other EAs/FONSIs, were also discussed within the evaluation.

The draft EA and proposed FONSI for the evaluation of additional sand sources for the Bal Harbour Beach segment of the Dade County BEC&HPP are available for your review on the Corps Environmental planning website under Dade County at the following link:

<http://www.saj.usace.army.mil/About/Divisions-Offices/Planning/Environmental-Branch/Environmental-Documents/>

(On that page, click on the "+" next to "Dade" and scroll down to the project name.)

During the month of August 2020, the final Environmental Assessment (EA) and proposed Finding of No Significant Impact (FONSI) for the beach renourishment of Bal Harbour Beach, Miami-Dade County, Florida, under the Dade County Beach Erosion Control and Hurricane Protection Project (BEC&HPP) was released by the Army Corps of Engineers.

The Florida Department of Environmental Protection Agency issued the Final Order Permit Number 0307741-005-JM on December 8, 2020 to the U.S. Army Corps of Engineers (USACE) and Miami-Dade County authorizing the Bal Harbour Nourishment Project and no challenges to the permit were received.

Sand will be excavated from the Bakers Haulover Inlet Ebb Shoal Complex, as well as, trucked in from approved upland sand mines. Approximately 101,000 cy of material will be dredged from the Bakers Haulover Inlet Ebb Shoal Complex, which includes the ebb shoal and its pipeline corridor and a onetime only dredging of the Bakers Haulover Inlet Flood Shoal Complex, which includes the flood shoal, portions of the Intracoastal waterway (IWW), portions of the eastern channel inshore of the inlet and its pipeline corridor.

The other 110,000 cy will be hauled by truck from one or more of the four approved sand mines:

- Garcia Mining Company Sand Mine
- Cemex USA Davenport Sand Mine
- E.R. Jahna Industries, Inc. Ortona Sand Mine
- Vulcan Materials Witherspoon Sand Mine

Village Environmental Consultant, Cummins Cederberg estimates 7,910 trucks will be required to bring the permitted volume of sand to the Village, or between 94-124 trucks per day. FDEP Permit No. 0307741-005-JM supersedes Permit No. 0307741-002-JC. The permit expires July 11, 2028; its first authorized project is expected to be constructed in Summer 2021. The Final Water Quality Certification (WQC) was obtained in the issuance of the FDEP Permit on December 8, 2020.

The County Commission is scheduled to hear and vote on a resolution authorizing the conveyance of County-owned sand to the USACE for removal from the Haulover Flood Shoal to be used for beach renourishment on state-owned beaches on January 20, 2021.

Since the Village does not have any lands available to provide the Project Contractor with a staging location, Miami Dade County requires the permission from the National Park Service (NPS) to utilize a portion of Haulover park for staging and beach access as a non-recreational use.

Due to the remaining required approval from the National Parks Service (NPS), the Project Schedule was once again revised with the revisions detailed below.

Work Schedule:

- FDEP Permit application (new or modification) 12/30/19
- FDEP Permit issuance ~~June 3, 2020~~ (December 10, 2020)
- MDC Commission (January 20, 2021)
- BCOE Certification (February 24, 2021)
- Advertise ~~September 2020~~ (March 3, 2021)
- Bid Opening ~~October 2020~~ (April 1, 2021)
- Award ~~November 2020~~ (May 3, 2021)
- Construction begin ~~February March 2021~~ (June/July 2021)
- Construction period is estimated to be two hundred seven (207) working days from date of the start of construction.

Village staff continues to participate in the Project Planning meetings. The revised work schedule shown above was obtained prior to the next meeting which is scheduled for January 21, 2021. Any further changes to the project schedule will be provided to you as they are received.

V Sand By-Pass Project:

**Status:**

Miami-Dade County (MDC), in partnership with the Florida Department of Environmental Protection (FDEP), is in final stages of the process to plan a permanent sand bypassing system which would move sand from Haulover Beach Park to the Bal Harbour Village. This process has involved modeling sand transport and discussing the sediment budget across the inlet, as well as exploring bypass alternatives, with a Technical Advisory Committee (TAC), of which the Village is a member. The current recommendation is to construct a 164-foot extension to the north jetty at Haulover Inlet to capture more sand flowing from north to south, and mechanically bypass that sand via dredging along the shoreline every 4-6 years. Comments have been issued to MDC/FDEP after every TAC meeting and review of Feasibility Study drafts. Currently, we are awaiting the final Feasibility Study for review and comment. This report is a necessary step in the process of updating the Bakers Haulover Inlet Management Plan (IMP) which will designate permit attainable project concepts.

The FDEP has accepted the Feasibility Study. The IMP update was expected to be issued by FDEP in December. While the permit application for the bypass could be submitted to FDEP, it has not been submitted yet. The bypass permit (County would be the applicant) cannot be issued until the IMP update is issued by FDEP. Staff and our Environmental consultant, Cummins Cederberg will continue to seek updates on this project on a continuous basis.

V Hurricane Irma Sand Dune Restoration Project:

**Status:**

On October 20, 2020 The Bal Harbour Village Council adopted Resolution No. 2020-1329, approving the agreement with Eastman Aggregates (EA) for

the Village of Bal Harbour Dune Restoration Project in November 2020. EA/Cummins Cederberg submitted the required sand sample to the Florida Department of Environmental Protection (FDEP) prior to the project commencing, as required by the CCCL Permit. The Village issued a Notice To Proceed on November 1<sup>st</sup>, 2020, and the project began on November 2, 2020. EA completed on November 4, 2020.

A total of 20 trucks delivered beach sand material. Using the approximate material weight of 1.4 tons per cubic yard, the Contractor placed approximately 322 cubic yards of material at the Project site. The permit drawings called for a maximum material volume of 331 cubic yards, which is approximately 9 cubic yards greater than the amount placed by the Contractor. The reason the maximum material volume was not placed was to avoid bringing in an additional truckload and exceed the maximum permissible volume based on the permit conditions.

**Work Complete**-Final closeout of the grant is ongoing with the funding agency.

#### VI. Utility Master Plan, Utility Infrastructure Projects:

##### Vla. Zone 2 (b) Utility Infrastructure Project Collins Avenue:

**Status:**

Project installs two (2) sections of new twelve-inch (12) diameter water mains using subsurface directional boring using High-density polyethylene (HDPE) pipe.

Construction Design completed - April 2019.

Construction Document review - June 2019.

Permitting - July, 2019.

Bid Document in progress

Council agreement approved June 18, 2019.

Construction notice to proceed (NTP) - August 2019

**Completed October 2019**

##### Vlb. Zone 3 (a): Utility Infrastructure Project -- Park Drive area north of Harbour Way and Bal Cross Drive:

**Status:**

Project entails replacing 70 feet of Sanitary Sewer line, water main replacement of 6 inches diameter, 10, 12 and 20 using pipe bursting and horizontal drilling methods.

Drainage improvements at Bal Cross Drive from Biscay Drive to Bal Bay Drive intersection. In addition, several hundred feet of curb/gutter throughout the project.

Construction Design completed - May 2019

Construction Document review - June 2019

Permitting - July 2019

February 25, 2020, the Village Council adopted Resolution No. 2020-1290 approving an agreement with DANZ Contracting, LLC to construct the sanitary sewer, storm water curb and gutter and asphalt paving within the Phase 3(A) Project.

Construction Notice to Proceed (NTP) issued on March 18, 2020

- New stormwater drainage structure installation has been **completed**
- New 10-inch water mains north of Harbour Way along Park Drive and Bal Cross Drive, service laterals and water meter boxes to the front of properties have been **completed** and in-service including new fire hydrants.
- Pending work is the 700 linear feet of sanitary sewer on Park Drive - north of Harbour Way. Presently gathering additional in-depth investigation for the sewer lateral connections. Project start date is scheduled for mid-February and/or early March 2021.
- Pending curb and gutter replacement starting along the north end of Bal Cross Drive with **commencement** date February 1, 2021. Once the sanitary project is completed on Park Drive, curb and gutter will start. Overall curb and gutter completion for Project 3(a) is May, 2021.
- Last pending work on Project 3(a) is milling and paving starting April, 2021 with the first lift of asphalt followed by second lift. Completion date May 2021.

Substantial Completion - April 2021

Final Completion - June 2021

Vlc. **Zone 4:** Utility Infrastructure Project North Miami Emergency Water Main-Park Dr.

**Status:**

New twenty (20) inch diameter emergency transmission water main (5,200 linear feet) is on-going from the north end of Bal Bay Drive running south along Park Drive ending at the south end Bal Bay Drive and/or at the Village park basketball court.

Construction Design completed - August 2019

Construction Document review - September 2019

On June 18, 2019, the Village Council adopted Resolution No. 2019-1229 approving an agreement with Murphy Pipeline Contractors, Inc., to provide water transmission, service main replacement and associated services.

Construction Notice to Proceed (NTP) issued on February 26, 2020.

- Installation of the new 20-inch diameter transmission water main is in process with 800 linear feet completed in the from the middle of the grass area along Park Drive to Bal Bay Drive.
- Work south of Harbour Way is in process until completion.

Substantial Completion - ~~December 2020~~ (March 2021)

Final Completion - ~~Late February 2021~~ (June 2021)

Vld. **Zone 3 (b)** Utility Infrastructure Project:

**Status:**

Project replaces water mains, relocate potable water services from the rear of homes where existing, undersized water mains will be abandoned to the front, evaluate and replace damaged curb & gutter, evaluate and adjust/replace storm water inlets and grates, with overall pavement milling/resurfacing. Project ongoing at present time.

Construction Design - April 2020.  
Construction Document review - July 2020  
Permitting -September - 2020  
Construction NTP - October 2020  
Substantial Completion - ~~March~~ (2021) June 2021  
Final Completion - ~~April 2021~~ July 2021

Vle. Zone 3 (c) Utility Infrastructure Project:

**Status:**

Project replaces water mains, relocate potable water services from the rear of homes where existing, undersized water mains will be abandoned to the front, evaluate and replace damaged curb & gutter, evaluate and adjust/replace storm water inlets/grates as well as outfall pipes, new sanitary sewer main / improvement and overall pavement milling/resurfacing

Construction Design - April 2020.  
Construction Document review - July 2020  
Permitting - October 2020  
Bid and Award - January 2021  
Construction NTP - February 2021  
Substantial Completion - ~~May 2021~~ (September 2021)  
Final Completion - (~~July 2021~~) September 2021

Vlg. Zone 5 (b) and 5 (c) Utility Infrastructure Project:

**Status:**

Project replaces water mains, relocate potable water services from the rear of homes where existing, undersized water mains will be abandoned to the front, evaluate and replace damaged curb & gutter, adjust/replace storm water inlets/grates, new drainage gravity wells, outfall pipe rehabilitation and overall pavement milling/resurfacing.

**NOTE The timeline for the project has been updated to reflect a delay due to identified design changes needed to use directional drilling to install the water mains in place of pipe bursting.**

Construction Design competed - Re-design ~~January 2021~~ (July 2021)  
Construction Document review - ~~January 2021~~ (April 2021)  
Permitting - ~~February 2021~~ (August 2021)  
Bid and Award -~~April 2021~~ (September 2021)  
Construction NTP - ~~June 2021~~ (October 2021)  
Substantial Completion - ~~February 2022~~ (April 2022)  
Final Completion - ~~March 2022~~ (June 2022)

VI.f. Zone 6 (a) and 6 (b) Utility Infrastructure Project:

**Status:**

Project replaces water mains, relocate potable water services from the rear of homes where existing, undersized water mains will be abandoned to the front, evaluate and replace damaged curb & gutter, adjust/replace storm water inlets/grates, new drainage gravity wells, outfall pipe rehabilitation and overall pavement milling/resurfacing.

**NOTE The timeline for the project has been updated to reflect a delay due to identified design changes needed to use directional drilling to install the water mains in place of pipe bursting.**

Construction Design competed - ~~Re-design January 2021~~ (November 2020).  
Construction Document review - ~~January 2021~~ (March 2021)  
Permitting - ~~February 2021~~ (July 2021)  
Bid and Award - ~~April 2021~~ (October 2021)  
Construction NTP - ~~August 2021~~ (January 2022)  
Substantial Completion - ~~June 2022~~ (December 2022)  
Final Completion - ~~September 2022~~ (January 2023)

**NOTE The timeline for the project has been updated to reflect a delay due to identified design changes needed to use directional drilling to install the water mains in place of pipe bursting.**

VI.h. Zone 5 (a) Utility Infrastructure Project:

**Status:**

Project replaces water mains, relocate potable water services from the rear of homes where existing, undersized water mains will be abandoned to the front, evaluate and replace damaged curb & gutter, adjust/replace storm water inlets/grates and overall pavement milling/resurfacing.

Construction Design competed - ~~November 2020~~ (June 2021)  
Construction Document review - ~~January 2021~~ (August 2021)  
Permitting - TBD  
Bid and Award - TBD  
Construction NTP - TBD  
Substantial Completion - TBD  
Final Completion - TBD

Additional Notes:

We have also submitted a federal appropriation request via Representative Wasserman Shultz office. Additionally, we have submitted a DEO request under the Rebuild Florida Infrastructure Program and in December 2020, State Senate and House of Representatives Stormwater System Improvements Grant funding requests. Future Grant applications will be submitted to the Florida Division of Emergency Management Hazard Mitigation Grant Program (HMGP) and Flood Mitigation Assistance Program Grant as soon as the grants cycle.

VII. Village Hall Project:

**Status:** Staff will be commencing the development of the Request for Qualification (RFQ) to commence the consultant solicitation process in early 2021.

VIII. Collins Corridor Design:

**Status:** TBD

\*Please note that permit review time is estimated and the projected approval date may vary according to the jurisdictional agency.

\*Please note that the above Infrastructure and other Project dates are subject to modification, based on permitting, design or other approvals.

If you have any questions, please feel free to contact Mattie Reyes or John Oldenburg directly.

MER/MA/JO/JMG