



## MEMORANDUM

Date: As of 30 October, 2014  
To: Marine Advisory Committee  
From: Matthew Logan, Project Manager  
Subject: **October MSBU Project Update**

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**Ackerman Waterway:** Refer to Manchester Waterway.

**Alligator Creek:** The project includes the removal of the existing silt to the existing permitted conditions (-5ft MLW) and pursue permits to increase the depth of the Access/Main channel to -6ft MLW via a separate project. Coastal Engineering Consultants is assisting the County with the engineering and permit process. The FDEP permit was received for the -5ft MLW maintenance dredge project. The FDEP permit was received for the -6ft MLW project which includes public interest in the form of purchasing and donating an YSI Water Quality Monitor to the Friends of CHAP. The ACOE has combined the two projects even though they are different in their scope. The federal review is underway including consultation with NMFS.

**Buena Vista Area Waterways:** Johnson Engineering was selected to provide services for project and is currently reviewing the pre-existing permits and documents. They have completed the Survey after having to resurvey some areas and preliminary design is complete. A pre-application meeting was held with the FDEP on July 8. FDEP was not able to issue on behalf of the ACOE. It appears that it will likely be sent for consultation with NMFS.

**Edgewater North:** DMK was selected to perform the Survey and Provide estimates of quantities. To restore the system to -4 feet Mean Low Water, 41,000 cubic yards of material would need to be dredged. Estimated cost to complete the work would be \$1.4 Mil. To dredge to -5 feet MLW there would be an estimated 97,500 cubic yards to remove at a cost of about \$3.4 Mil. A mass mailing went out to all the citizens in that area to sequester their opinion on an increase to their tax to accomplish this project. Staff is awaiting guidance on how to proceed.

**Gulf Cove Waterways:** The project includes the removal of the existing silt to the previous dredge depth of -4ft MLW within the lateral/access channels and 100 feet into the interior canals. Coastal Engineering Consultants is assisting the County with the engineering and permit process. The bathymetric surveys of the waterways have been completed. The Preliminary Plan Set has been completed and is under review

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by County. Coastal Engineering has proposed an alternate path forward to improve the navigation project will yielding cost savings over time through reduction of maintenance dredging needs. The approach includes collecting additional data to identify combining multiple canals into single channels extending to the river. The County is currently reviewing this alternate path forward.

**Harbour Heights** A Request through purchasing has been initiated to retain Engineering services to Permit, Survey and Provide Construction Related Services for minor shoaling within the Harbor Heights Waterway System. The Consultant is in the process of gathering survey and permitting data. This phase should be complete with submittal to the permitting agencies in early April 2014. Staff reviewed the 80% design plans with the consultant (Stantec) and permitting strategies were discussed. These strategies should lead to a streamlined process. The permit application was submitted to staff for review the week of April 14, 2014. After review and approval the permit application was submitted on the week of April 21, 2014. The permits were received in May from the agencies. The bid specs have been reviewed and modified. The citizens would like to see some Mangrove trimming added to the contract to ease line of sight and navigation issues. This project has been placed on hold while awaiting the Countywide Permit.

**Hayward Canals:** No active projects at this time.

**Manchester Waterway:** This project is complete.

**Northwest Port Charlotte:** The dredge project has been completed. The new marking of the channels is underway.

**Peace River Shores:** No active projects at this time.

**Pirate Harbor:** This project provides for engineering, design and permitting to dredge a 2300 feet access channel that was not covered under previous permitting. The amount of material to be removed will be determined as engineering and design progresses. This project was recommended and approved by the Pirate Harbor Waterway Advisory Committee. A Change Order to add this portion of the program to Coastal Engineering Consultants' contract has been approved by the BCC on April 22. CEC has completed the Preliminary Plan Set and natural resource survey; which were presented to the MSBU committee in late September. The next step is the process is to conduct a UMAM assessment which includes a site visit and coordination with FDEP. The site visit was conducted this week and the assessment is underway.

**Southbridge Waterway:** Project Complete.

**South Gulf Cove:** A Request for Letters of Interest was submitted to Purchasing to sequester an engineering firm to permit a Boat Turn Basin at the Harbor side portion of the Lock. This work was awarded to Johnson Engineering. Meetings with the permitting agencies have been conducted and the design is complete. The State Parks manager has accepted the placement of the Material at a Placida Location for future use. This location was accepted as the spoil disposal site that will substantially reduce the cost of hauling material. The permit application was submitted to the regulatory agencies and the FDEP permit was issued, however the application is still under review by the ACOE. Due to the volume being dredged, the ACOE must seek approval from National Marine Fisheries. The Consultants are making every attempt to work with ACOE and NMF to expedite the process. Johnson Engineering has completed the Construction Plans and is in the process of revising the bid specs. After initial Staff review some modifications were recommended to the original submittal. Upon the receipt of the ACOE permit this project will go out to bid for construction.

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**Suncoast Waterway:** The dredge project has been completed. The new marking of the channels is on the schedule.

**Stump Pass:**

The permit required physical and biological monitoring surveys were conducted this summer and the annual monitoring report is underway for publication the first week of November. The shorebird monitoring was conducted and the annual report is underway for publication by the end of the year. Sea turtle monitoring is wrapping up; with the annual report due January 2015.

The Consulting Team and County worked diligently this summer to prepare and submit to the State of Florida the annual funding request for cost sharing of the 10-Year beach and inlet management plan. The FDEP has conducted their Project Assessment and the County and Consulting Team have issued their response – seeking a higher score to better position the project for future state cost sharing.

The Consulting Team and County completed multiple technical reports to address questions by the FDEP in regard to the proposed terminal groin structure at the south end of Manasota Key and the operations, monitoring and maintenance program. These documents underwent review by the FDEP and FL Park Service. Their comments have been received, and the formal RAI response will be issued the first week of November.

The Consulting Team coordinated with the ACOE who then issued the formal public notice and initiated consultation with the NMFS and USFWS. The federal process is in full review mode.

Projected Permitting Schedule: May 2014 through April 2015 - Permit Processing with FDEP & USACE, June 2015 - FDEP permit, July 2015 - USACE Permit {Note: No change from the June update}

Projected Construction Kick-off: November 2015

**Dayboards:** Staff is continuing to replace non-reflective dayboards as needed.