

**Port of Palm Beach
Engineer's Report
Commission Meeting | August 16, 2018**

Berth 17 and Paving Project

Contractor continues to work on the water side of the project. LMH completed the installation of steel piles for the east dolphin structure. Divers continue with the installation of the forms prior to rebar installation and the final concrete pour of the structure. Forms will be watertight in order to perform the concrete pour without any water inside the forms. After steel forms are in place, contractor will proceed with the reinforcing steel cage installation.

For the repair of the West (inner) Dolphin Structure, the contractor's structural engineer submitted a revised Repair plan procedure which has been accepted by the project engineer of record, AECOM. Contractor still pending to execute the structure repair. Repairs will be executed once the diver completes the installation of the steel forms on the East Dolphin Structure.

On the upland side, the site subcontractor continues the work related to the sub-base preparation for the asphalt and concrete pavements. Activities related to surface pavements have progressed considerably during the month of September. The pavement area below the sugar conveyor structure has been completed, with the casting of the new concrete 8-inch slab. Subcontractor continues with the grading and compaction of the final layer of subbase material for new asphalt pavement area between the sugar conveyor and the FPL property fence, and the north section between the bulkhead and Slip 3. LMH began preparation for the installation of chain-link fence and gates along the south parcel limits of the Sugar Building.

The electrical work related to the installation of the Shore Power Station 5 has been completed, still pending the installation of the steel protective structure for the shore power equipment.

The last pay application processed by the Port was the working period of December 2017, which was notarized and submitted by the contractor on July 17, 2018. As of December 2017 pay application, LMH invoices indicate that approximately 88% (\$9,095,521.61 to date / \$1,202,784.48 balance of approved modified Contract amount) of the work is complete to date, and a total retainage to date of \$909,552.16. The draft for the pay application for the working periods of January 2018, February 2018, March 2018, April 2018 and May 2018 have been evaluated by AECOM and returned with comments for final submission. The pay application procedure will continue with the process of the January 2018 pay application, as soon as the contractor provides Partial Lien Waivers for all vendors related to the December 2017 payment.

The contractor's two week look ahead schedule submitted on September 4, indicates that construction activities continue on time and on schedule, as per Schedule included in the Contract Amendment #1 which indicates a Substantial Completion Date of September 15, 2018, and a new Final Completion Date of October 2, 2018.

MOB Demolition and Cargo Area Improvement Project

Port Staff submitted a complete site plan application to the City of Riviera Beach on July 27, and issued a check for the applicable review fee. City Council approved a resolution for site plan approval on August 15th. On Thursday, August 20, City of Riviera Beach Acting Director of Development Services, Jeff Gagnon, sent an email indicating the fee amount required to be paid by the contractor of \$44,525.01. Port's staff provided the information to the contractor, West Construction, who proceeded by issuing the payment on Friday, September 7th to the CRB Building Office.

Main Rail Spur Improvement Phase 1

The contractor also completed the construction and installation of new rail on Spurs #1 and #2, as well as the rail crossing signage equipment on Avenue E. The final electrical connection of the signage equipment by FPL was completed, and the contractor completed the railroad crossing signage equipment activation, testing, and Port's rail crew training, as well as the new pavement striping at the crossing. CH2M and Port's staff will perform the final project inspection of the construction work on Friday, September 7th for final project acceptance.

Vertex Antenna

The preconstruction meeting was held on Thursday, August 30 with Rafael Santos from Expert Construction Managers, Inc. Expert is Vertex's contracted firm to perform the construction of the antenna. Expert Construction began mobilization to the project site on Tuesday, September 4. Site preparation has been completed, with the installation of silt fence on construction area perimeter, and the project of adjacent storm system inlet. Construction of the electrical meter rack is in process. Drilling equipment for the construction of the antenna foundation will be mobilized to job site on Monday, September 10. Construction is expected to be completed by mid-October.

Berth 1 Bulkhead Improvement Project

The Request for Qualifications final document to solicit Firm's statements to provide Professional Engineering Services for project design has been reviewed and approved by counsel. RFQ was posted for advertisement on September 6. Interested firms shall submit sealed qualification documents by September 28th at 2:00 pm. A scoring committee will review and score the firms' submitted qualifications and will hold a public meeting on October 5th with the results to be provided to the Board of Commissioners. In the October Board Meeting, the Board of Commissioners will select no fewer than three firms, which will make presentations on the same meeting or to return for presentations in the December Board Meeting. At such meeting, the Board of Commissioners shall rank the firms in order, with competitive negotiations to next proceed under the direction of the Executive Director.