



# PORT OF BROWNSVILLE

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**Commissioners:**  
Fred Perkins  
Bob Kalmbach  
Jack Bailey

19 May 2014 Study Session  
**CALL TO ORDER**

Commissioner Fred Perkins called the Study Session to order at 12:05 PM. In attendance were Commissioner Jack Bailey, Commissioner Bob Kalmbach, Port Manager Jerry Rowland, Assistant Port Manager Gregg Faulkner, Port Maintenance Tim Herman and Matt Appleton.

## **APPROVAL OF AGENDA**

Motion to approve agenda was made by Bob Kalmbach and seconded by Jack Bailey. Motion carried unanimously.

## **REVIEW E AND C DOCK INSTALLATION TIME LINE**

Commissioners reviewed the following anticipated events and time line for dock installation.

1. Design and build new main gate at end of pier. May 18<sup>th</sup> through May 24<sup>th</sup>.
  - a. This will accomplish two things; remove the eye sore gate going to A-dock, and allow the removal of the "heavy" gate off I-dock.
  - b. The west end of I-dock is grounding at low tide. Removing the gate will bring it up a couple of inches.
2. Dismantle old gate and reassemble in upper commons. May 25<sup>th</sup> through May 31<sup>st</sup>.
  - a. Since cement pad must be laid prior to reassembly, this may be an unrealistic time frame. This does not necessarily have to be done at this time. It can wait until after things calm down later in the year. The sections of the old gate can be stored until then.

Note: Numbers 1 & 2 were placed at the top of the list of things to do because I-dock will need to be retrofitted as part of the dock rebuild. Whether or not this becomes a complete makeover as proposed later or just making what we currently have work with just a few modifications really does not matter. The gate situation needs to be addressed first.

3. All the material for the dock assembly has the funds obligated and all of it has been ordered. The majority of this material has been received.
  - a. G-cable, E-dock Power Pedestals (45), (more to follow), the new substations will be shipped by May 31<sup>st</sup>.
  - b. Sewer line Pumps, Pipe, Fittings and Ancillary pieces.
  - c. Water Line Pipe, Fittings and Ancillary Pieces.

4. The final E-dock main walkway sections will be delivered by May 23<sup>rd</sup>, followed by the 24' and 40' D-dock finger piers.
  - a. The Port staff will start assembling the E-dock main walkway section June 1<sup>st</sup>.
  - b. At the same time the staff will start removing the 24' and 40' fingers from D-dock and replacing them with the new ones, similar to E-dock.
5. Port Manager will travel to Port Angeles to pick up the new boat May 30<sup>th</sup>.
6. Ten of the eleven wood 40' fingers that are remove from D-dock will be attached to the east breakwater to provide additional moorage throughout this project.
  - a. Two will be attached to the inside of the east breakwater between the southernmost cement finger and the dog leg.
  - b. One will be attached to the inside of the east breakwater to the north of the northernmost cement finger and the north breakwater.
  - c. The remaining eight will be attached to the outside of the east breakwater.
    1. Not all the details of providing power to these slips are worked out yet but the plan is being worked on.
  - d. One or two of the 24' finger piers will also be attached to the inside of the east breakwater, one to the north and one to the south.

Note 1: This will be accomplished between May 28<sup>th</sup> and June 18<sup>th</sup>.

Note 2: There is a drawing of the proposed locations in the Commissioners folders.

7. June 16<sup>th</sup> through June 20<sup>th</sup>, Thompson Pile driving will arrive on site to start pulling a majority of the creosote pilings on E-dock. The plan is to leave the pilings at E-27/29, E-28/30 as well as the six 16" galvanized piling at the south end of E-dock. With this done the first section of E-dock should be able to be removed and replaced with the first 120' feet or so of new walkway. This will take the rebuild to the existing transformer on E-dock. It will also allow the first New Sub Station to be placed and wired up appropriately. This should take the Port staff until June 30<sup>th</sup>, but it may take until July 2<sup>nd</sup>. That will only give the Port a couple of days to prep for the 4<sup>th</sup> of July. The Port Manager thinks this can be done.
8. After July 4<sup>th</sup> the Port staff continues assembling E-dock sections.
9. Northwest Docks will build six special Pile hoops to attach to I-dock. These will be delivered prior to July 16<sup>th</sup>.

Note: These will be attached by placing couplings on the existing through rods on I-dock and bolting the pile hoops in place.

10. Thompson Pile Driving will return July 16<sup>th</sup>. This is the start of the In-Water work window allowing us to drive piles.
  - a. Drive new piling on the first section of installed E-dock.

- b. Pull the remaining pilings including the galvanized ones at the south end.
- c. The six, 16" pilings removed from E-dock will be driven through the new pile hoops installed on I-dock. The Engineer is recommending additional pilings. If funding is available this should be considered. If funding is not available the Port Manager thinks six pilings along with the anchor chains will be sufficient. At some point in time when funding is available additional pilings can be placed on I-dock and the anchor chains dropped.
- d. Move the cement 50' sections to the outside of the east breakwater's north end until they can be removed and disposed of.
- e. Install the remaining assembled sections of E-dock. This will be done in approximate 100 to 120 foot sections.
- f. Drive all new pilings per drawings.

We should be able to accomplish this by August 8<sup>th</sup> at which time Thompson Pile Driving again leaves to work other jobs.

- 11. The Port staff then completes the rest of the finer details of E-dock. Decking, all M-clips installed, Fire, Water and Sewer lines tested and operational. Electricity should have been completed as we move down the dock. However, final sign off and L&I inspection will be done at this time.  
This should be done by August 29<sup>th</sup> and Labor Day Weekend. All boats should be back in their happy new homes.
- 12. The Port staff will start assembling C-dock main walkway sections as soon as E-dock is completed. This should take us up to 20 September.
- 13. We will take the week of September 21<sup>st</sup> through September 26<sup>th</sup> to prepare for BAD.
- 14. Thompson Pile Driving will return September 29<sup>th</sup>. We then have until October 14<sup>th</sup> to install as much of C-dock as we can. Our goal is to do 50%.

Sometime in the future when funding is available a complete retrofit of I-Dock should be considered.

The idea is to overlay I-dock with a false deck using aluminum 4 X 6 under framing to keep it as light as possible, covered with the same fiberglass decking used on the rest of the project.

The overlay would be installed in three sections.

The process would be to keep power in the hollow bull rail down the north side. The bull rail on the south side would be removed and the first 5 foot wide section of overlay would be installed the entire length of I-dock. This section would be covered with the standard grating with the exception of the transition area to A, B & C dock.

- a. The fuel lines will need to be deactivated during the first 45 feet of installation just in case.

The center 5 foot wide section which will hold all the utilities, fire main, water, sewer and electrical would be next. After it is installed the utilities can be run down this center section.

This 5 foot section would be covered with micromesh grating the entire length of I-dock.

The south bull rail would be completely removed and the last 5 foot wide section would be installed.

This project is not necessary for the completion of the E, D and C dock install. It is however, something that should be considered when we get the funding to complete A and B dock.

**CLOSE MEETING / ADJOURN**

Bob Kalmbach made a motion to close the Study Session at 1:10 PM. Jack Bailey seconded the motion and motion passed unanimously.

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President / Commissioner

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Secretary / Commissioner

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Commissioner

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Recording Secretary