**Kawaihai Small Boat Harbor Damage 1-13-20**

**B-roll and Video:**

[**https://vimeo.com/384578549**](https://vimeo.com/384578549)

0:00-00:43 Shots of Kawaihai Small Boat Harbor

00:44-01:12 Shots of Dock Damage

Finn McCall, DLNR Division of Boating and Ocean Recreation (DOBOR) Engineer SOTS

01:15-01:58 On December 31st thru January 1st about, we had a very, very large ocean swell event where waves came crashing through the breakwater of the Kawaihai Small Boat Harbor here. We actually ended up with a breach of the breakwater itself, approximately 40 feet wide and so now the water can just flow directly right through the harbor. During the same event, waves would come over the breakwater structure, through the channel and up underneath the marginal wharf here and ended up blowing off all the connections to the wooden wharf here to the connections down underneath.

02:03-02:33 Yeah so for now, yeah so for now we've condemned this whole entire dock because now it's considered you know structurally unsound. We’ve moved all the boaters away and relocated them and so now we have a design in progress to replace this dock with a floating dock, but we can't do that until we complete repairs to the breakwater structure over here. We also have a design ongoing right now to rebuild the breakwater and raise the elevation because we've had this issue on several storm events.

02:36-02:45 So we’re looking at approximately six million dollars to repair the breakwater and we're looking at about two million dollars to build a new dock here at the Harbor.

Meghan Statts, DOBOR Assistant Administrator SOTS

02:52-Both harbor’s will definitely be heavily used. We definitely have to monitor this one in particular, especially with the big hole that we have inside the break wall. That's going to bring a lot of sand and deposits, so that could affect the launch ramp. So, we need to be able to monitor that on a regular basis just to make sure that that's not overflowing and having some issues that we're going to have to end up dredging. And the South Kawaihai side that new harbor is open, so we're still finalizing things over there that's open for use, so both facilities are really important to the community.

03:25-03:38 Yeah right now we would not be able to have the funding to do that with our boating special funds, so we definitely would have to get some sort of capital improvement project funds from the legislature to fund both the breakwater as well as the marginal work.

03:42-3:51 Hopefully in the future we can get some capital improvement project funds that

will help to redo the breakwater as well as the marginal wharf for North Kawaihai.

0:04:03-04:17 We did notify the boaters that were here. We do have to find a long-term

solution for those boaters. It's about five or six boaters, that were here so as you can tell there's one still here that we're trying to relocate into our other facilities, but we definitely need to

find a long-term plan.

04:18-04:42 Shots of damaged dock

04:43-05:41 Shots of damaged breakwater

05:42-05:52 Shots of damaged dock

05:53-06:50 Closeup shots of damaged dock

06:51-07:12 Video of breakwater

07:13-07:35 Closeup video of damaged dock

07:36-08:05 Video of Kawaihai Small Boat Harbor Channel