**Maunalua Bay Loading Dock Completed, Jan. 27, 2021**

**HD Video**

<https://vimeo.com/505414532>

 **Finn McCall (SOTs) DOBOR Engineer**

1:26 So, in December of 2019 we noticed that the old concrete dock here had, began to show some signs of sagging. Usually that's an indication that there's been a structural failure in the dock. And at that time, because we saw that it was undergoing failure, we condemned the dock. And within a couple of days after that, the dock actually completely collapsed. So, we were able to get a design contract, going to do all of the permitting and design for the new loading dock here. And so, after we got our Army Corps permits and got all the procurement done for construction, we were able to get a contract with Sea Engineering to installed this new loading dock here. We widened the loading dock five feet to meet ADA requirements. And we also likened the dock by a another five feet to give more room for boaters to use the job. It's one of the most widely used programs on the whole island.

2:33 Yeah.So, the old dock used an older design, which is a precast concrete structure. The new loading dock is a aluminum frame with marine-grade aluminum. It's got structural plastic lumber on it and all the hardware is stainless or aluminum, corrosion-resistant material. So we anticipate this dock to last easily 30 plus years.

2:54 They're very excited. They've been eagerly awaiting this. It's been about a year, a little over a year since the dock had originally failed. So we've had to use this kind of makeshift set up for people to still be able to use the boat ramp. But yeah, they're very excited and I'm going to be really happy to do that.

3:11 There were some delays in fabricating the dock. We had some issues with procurement or the decking and some other things. It is completed under budget. So the total cost is then it'll ballpark about $400,000. And so yeah, there were some delays in getting the dock fabricated, but now that we're here, we're also going to do a small asphalt resurfacing at the top of the ramp too, that we were able to do with the budget that we had. They should be able to use it by this Friday at the latest.