



NATURAL ENERGY LABORATORY OF HAWAII AUTHORITY

An Authority of the State of Hawaii attached to the Department of Business, Economic Development & Tourism

MEMORANDUM

TO: All NELHA Clients

FROM: Gregory P. Barbour, NELHA Executive Director

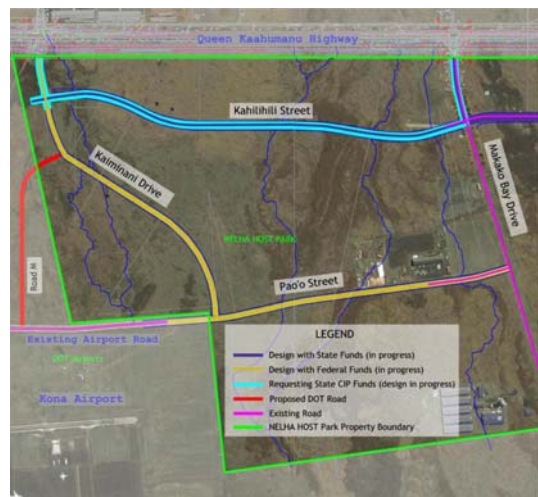
DATE: May 7, 2012

RE: Recent Developments

Aloha to all NELHA Clients! I am writing to provide an update to you regarding recent developments at HOST Park. Briefly:

- **New Infrastructure Improvement Projects:** As reported to you in December, Governor Abercrombie had approved two important NELHA projects, totaling about \$12 million, for inclusion into the Administration's budget. The Legislature concluded its 2013 session last week and I am very pleased to report that both projects were included in budget approved by the House and Senate. This budget bill now goes to the Governor for signature.

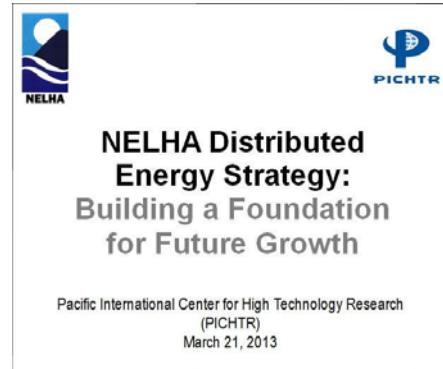
Kahilihili and Kaiminani Roads: This approximately \$10 million request will cover construction and improvements to those roads shown in light blue in the map on the right. The design for these roads is well underway via a contract with Parsons Brinkerhoff. They are also in the process of completing an environmental assessment (partially funded by funds received from the US Department of Transportation.) Construction is currently scheduled to begin later this year.



Connector Pipeline: The approximately \$2 million request will cover costs associated with the construction of a new 28" surface seawater pipeline to connect the North and South seawater systems. The pipeline will be over ½ mile in length and will be on the makai side of Makako Bay Drive from the booster pump station at the bend in the road to the West Hawaii Explorations Academy. Funds will also be used to upgrade the booster pump station. Design is underway via a contract with R.M. Towill and construction is currently scheduled to begin later this year.

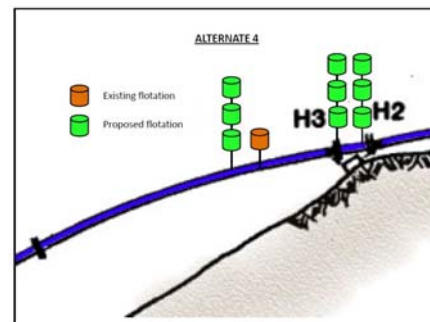
- **Distributed Energy Resources (DER) Strategy:**

We recently hired the Pacific International Center for Technology Research to update the 2003 DER strategy for HOST Park. As some may recall, this strategy was initially developed to provide the underpinnings for attracting new renewable energy companies and projects to the park in conjunction with the development of the Gateway Renewable Energy Center. This project was paid for with US Department of Energy funds received via the National Renewable Energy Laboratory in Boulder, Colorado. Please contact Laurence Sombardier if you are interested in more information regarding this strategy.



- **Undersea Pipeline Repairs Scheduled:**

In late June, while driving to work, you may wonder what are all those ships, barges, and tugs doing offshore of Keahole Point. Thanks to Governor Abercrombie and the Legislature we were able to secure additional funds last year to complete design and schedule repairs to the 40" pipeline.. Repairs will take place at a depth of almost 500 feet and include replacing "bridles" that hold down the pipeline to the seafloor and adding 4.5 tons of additional buoyancy to the pipeline. This will increase the lifetime and usefulness of the pipeline considerably. A depiction of these additional floats is shown above. Healy Tibbitts won the award for the \$4 million repair contract and if all goes according to plan the work will be completed by late July of this year.



- **New Emergency Response/Address Signs:**

As you may have noticed, we have begun installing new blue and white address signs at each property. The purpose of these signs is to assist emergency response vehicles find your location faster and assist visitors finding businesses in the park. All signs should be installed in the next couple of months.



Have a great summer and be safe! gb