HART – UH-HCC Meeting

Date and Time: October 25, 2017
8:30 – 10:30am
Location: UH Manoa – Bachman 110
Agenda: HART Project Updates

A. HRTP Update on Design Contracts
   a. City Center Utilities – Phase 1
   b. City Center Utilities – Phase 2
   c. City Center Utilities – Phase 3
   d. City Center Guideway & Stations

B. 138kV Update
   a. UH Property easement in favor of HECO for 138kV undergrounding
   b. UH Property easement in favor of HECO at Station Property
   c. Grant Easement to provide to HECO
   d. UH Trees Impacted

C. CROE Update
   a. Exhibit D-2. Signage was finalized.
   b. Exhibit E. Item 32. HECO Easement.

D. HART BUSINESS OUTREACH
   a. See next page
DILLINGHAM BOULEVARD BUSINESS AND COMMUNITY MEETING

THURSDAY, OCTOBER 26
6:00 p.m.  Registration and Open House
6:30 p.m.  Program Begins
8:30 p.m.  Meeting Ends
Kalihi Kai Elementary School Cafeteria
626 McNiel Street | Honolulu, HI 96817

The Honolulu Authority for Rapid Transportation will be holding an informational meeting to provide businesses and residents on Dillingham Boulevard with a construction update on the Honolulu Rail Transit Project. Project staff will be available at the meeting to answer questions.

For more information, please contact the project hotline at (808) 566-2299 or via email info@hnltransit.org. You can also visit the project website at www.HonoluluTransit.org.

HART BUSINESS OUTREACH
Area businesses are encouraged to sign-up for HART’s Business Alliance Program to receive regular traffic updates, business community meeting notifications, and information on special business outreach programs.

To join, please visit www.HARTBusinessOutreach.com or call our 24-hour project hotline at (808) 566-2299.

24 HOUR PROJECT HOTLINE (808) 566-2299
WWW.HONOLULUTRANSPORT.ORG

Hart Authority for Rapid Transportation
1019 Aleka Street, Suite 1900
Honolulu, HI 96813
October 11, 2017

Mr. Carleton Ching, Director of Land Development
Office of the Vice President for Administration
1960 East-West Road, Bio-Med B101
Honolulu, Hawaii 96822

Dear Mr. Ching:

Subject: Honolulu Rail Transit Project
Contract No. SC-HRT-1200149
City Center Utilities & Guideway Design Contract
Undergrounding of HECO 138kV

The goal of this letter is to confirm design solutions that were preliminarily agreed upon during coordination meetings between UH-HCC and HART. With UH-HCC’s confirmation, HART will proceed to finalize the design for the undergrounding of the existing overhead HECO 138kV line that currently exists along the frontage of the UH-HCC campus and formally request the associated property rights.

At a Dec 8, 2016 HART/UH-HCC coordination meeting, HART introduced the need for an approximate 10-foot wide utility power easement on UH-HCC property to allow for the HECO undergrounding of the 138kV along Dillingham Boulevard. A preliminary draft of the design alignment was presented by AECOM, where HART’s design consultant provided an overview of HART’s design intent. The parcel maps are identified in the summary below for approval.

HART and UH-HCC met again on May 26, 2017 to discuss further refinements to the design, specific design challenges, and several alternative solutions.

With the undergrounding of 138kV, HART’s Tree Disposition Plan (HTDP) had to be further assessed. 2 of the trees that were to remain along Dillingham will be impacted. A City tree (#1469 in HTDP) will be removed. The issue for UH-HCC tree (#1468 in HTDP) is included in the summary below:

**Issue 1: Existing Monkeypod Tree (Tree #1468)**

An alignment conflict was presented by HECO to HART. The location of a monkeypod tree (#1468) lies directly in the path of the 138kV undergrounding. HECO presented the following options:

Option 1: Veer the alignment south. This will directly impact DTS traffic poles where 138kV design cannot be accommodated.

Option 2: Maintain the design alignment and remove Tree #1468. See figure 1 below.

Option 3: Veer the alignment north. This will directly impact UH-HCC operations and will close off access during construction with open trenches as well as the restoration of paving.
The design team's recommendation was to implement Option 2 based on the following:
1. The over-reaching branches of tree #1468 are in conflict with the proposed rail guideway and therefore will need to be significantly pruned. The amount of pruning required for the guideway may impact the overall health and survivability of the tree.
2. HART constituents for tree preservation were consulted for the replacement of the monkeypod tree with a Kamani Tree. Attached meeting minutes proposed the proposed the relocation as shown on the attached exhibit on page 3. (See meeting minutes attached.) They will continue to work with UH-HCC to locate the replacement tree.

Figure 1. Tree #1468 must clear the guideway that will run on center of Dillingham Blvd

Figure 2: The Option with least impact is to keep the alignment as proposed by H&CO.
Based on the selection of Option 2 as discussed above, HART has advanced the design of the 138kV and determined the specific dimensions of the associated easements as discussed in the next item below.

**Issue 2: 138kV Easements**

With this letter, HART hereby submits two parcel maps that depict the proposed HECO easements that will be requested by HART in favor of HECO. These parcel maps will be the basis of Title Reports that will be the responsibility of HART and will be included as part of the Construction Right of Entry (CROE). HART would like to request for your concurrence so that HART can move forward on the Grant of Easement from UH-HCC in favor of HECO to each of the properties identified below.


2. Parcel Map 2 will include: Kapalama Station TMK: 1-5-017:006 State of Hawaii that will include HECO Easements A, B, C, D. (The temporary easement for above ground HECO installation of guy anchors is not shown.) A separate HECO access easement to service their switchgear and transformer on the station site is included in the station ROE. See attached parcel map draft.

The above is HART’s understanding of the preliminary conclusions from our earlier meetings. HART respectfully requests for UH-HCC’s formal acknowledgment. With UH-HCC’s confirmation, HART will proceed to finalize its designs and request the associated property rights.

We value UH’s partnership and spirit of collaboration. If you have any questions regarding this matter, please don’t hesitate to contact me at (808)768-6124.

Sincerely,

Nancy Torngren
Project Manager, Design

Attachment: Parcel Map Drafts (2-pages), New Kamani Tree site (1-page), TOD Meeting Minutes (1-page)

cc: Charles Carnaggio, HART
    Ivan Torigoe, HART
    Frank Kosich, HART
    In-Tae Lee, HART
    Michael Boomsera, HART
    Alvina Lutu, HART
HART Tree Disposition 10/16/15

Tree Status
- Preserve
- Remain
- Remove
- Repurpose
- Transit Station Permit
- Transplant
- Guideway
- n/a

Transit Station

Guideway

Transit Station Permit

Preserve

Remain

Remove

Repurpose

n/a
New P#1x
Future 138kV overhead line and riser poles (actual route to be confirmed)

Overhead 12kV crossing (permanent pending # of conduits allowed under bridge)

P#15 to remain
P#14x to remain
New P#14y
Replace P#14

Existing Tel Pole to remain?

P#24x to remain
P#24 to remain

Future 138kV underground line (actual route to be confirmed)

Replace P#26
Replace P#25

New P#24y
HONOLULU AUTHORITY FOR RAPID TRANSPORTATION (HART)

RIGHT OF ENTRY EXHIBIT - SITE PLAN

State of Hawaii-Dept of Land & Natural Resources
(Honolulu Community College)

PROPERTY OWNER: 874 Dillingham Blvd, Honolulu, HI 96817
ADDRESS OF PROPERTY: 874 Dillingham Blvd, Honolulu, HI 96817
TMK: 1-5-017:006
### Ongoing & Upcoming Construction near UH HCC

<table>
<thead>
<tr>
<th>Start Date</th>
<th>Contract</th>
<th>Location</th>
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<tbody>
<tr>
<td>July 2017</td>
<td>City Center Utilities Phase 1</td>
<td>Dillingham Blvd &amp; Mokaua St</td>
</tr>
<tr>
<td>January 2018</td>
<td>City Center Utilities Phase 2</td>
<td>Dillingham Blvd (Middle St to Kaaahi St)</td>
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<tr>
<td>Mid-2018</td>
<td>City Center Utilities Phase 3</td>
<td>City Center (Middle St to Ala Moana)</td>
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<tr>
<td>2020</td>
<td>City Center Guideway &amp; Stations</td>
<td>City Center (Middle St to Ala Moana)</td>
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### New Roadway Requirements

- New "Complete Streets" roadway requirements issued September 2016
Current Design
Addition of 138kV requires Utility Easements

Existing 138kV

New Utility Conflicts