

From: Soriano, Natasha A <natasha.a.soriano@hawaii.gov>
Sent: Tuesday, July 10, 2018 12:21 PM
To: Powell, Lisa (FHWA) (lisa.powell@dot.gov)
Cc: Smith, Donald L; Brian Takeda; Laura Mau; Noelle Wright
Subject: FW: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report
Attachments: QK Ph2 Terrain Model Mtg 021017.pdf; QK Ph2 Terrain Model Mtg 022117.pdf; QK Ph2 Stips 10B-12-15-Model Mtg 120717.pdf

Hi Lisa,

Please see Brian's email and attachments for information about the Terrain Model Meetings. I believe Paka attended the first meeting and Fred attended two of three meeting held. The digital model is not in GIS for reasons stated in the email below but rather a KMZ file that can used with Goggle Earth. Let me know if you have anymore questions.

-Natasha

From: Brian Takeda [mailto:BrianT@rmtowill.com]
Sent: Monday, July 09, 2018 4:31 PM
To: Soriano, Natasha A <natasha.a.soriano@hawaii.gov>
Cc: Smith, Donald L <donald.l.smith@hawaii.gov>; Noelle Wright <NoelleW@rmtowill.com>; Laura Mau <lauram@rmtowill.com>
Subject: RE: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report

Hi Natasha,

I have removed Lisa from this e-mail so you can see it first and revise the content as you require before forwarding to Lisa.

Laura is on vacation and returns Thursday, July 12th.

Terrain Model Meeting Dates:

- February 10, 2017
- February 21, 2017
- December 7, 2017

The result of follow-up with various members of the terrain model group are that:

- The terrain model map was completed by Cultural Surveys Hawai'i based on input from numerous members of the group up to the mid-2018 timeframe.
- An earlier copy of the map was distributed to the members of the group. The map has been updated and can be accessed here: <https://share.rmtowill.com/index.php/s/Kujleu2ELfhGO6Z>. However, I believe you may already have this.
- The names of some of the trails are unknown so have been obtained from the record of historical maps showing trails on file with the State Bureau of Conveyances. We have worked with the modelmaker so that the trails with unknown names or names that are subject to being called by another name can be changed by anyone wishing to do so using a labelmaker with 12 point font, black on white background or white on black background. We understand the labelmaker and label stock would be provided when the model is finally delivered.
- The digital copy of the map will be provided as a pdf until the physical model is constructed. The digital model copy can be accessed by loading the file using Google Earth. It is not possible to mass distribute the ArcGIS files

to the group since not everyone and possibly no one would have a copy of ArcGIS to view the files. ArcGIS would ordinarily cost about \$100.00 for 12-months. This would be for a non-commercial license. The more detailed program with full features would run well over \$1,000 and again would be on a 12-month subscription. The learning curve for use of the program is generally steep for non-computer literate persons. That is why we are using Google Earth.

The information requested by the group to be placed in layers will be provided in the final digital model (again Google Earth accessible). There are no layers in the pdf version for ease of opening the large file and to just access it.

- There were still some responses or coordination that should happen with Rick Gmerkin and Deborah Chang to sew up loose ends. However, last we heard, Fred seems to be ok with moving ahead. Now it seems we have to find an appropriate home for the model.

Please contact me if you have any questions. Thank you and hope you are doing ok in volcano-land,

Brian Takeda
Planning Project Manager
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From: Soriano, Natasha A [<mailto:natasha.a.soriano@hawaii.gov>]
Sent: Monday, July 09, 2018 1:25 PM
To: Brian Takeda
Cc: Powell, Lisa (FHWA); Smith, Donald L; Noelle Wright
Subject: RE: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report

Hi Brian,

I vaguely remember Laura mentioning she would be on vacation in July but I didn't see anything in the any of the emails exchanged lately. Can you help Lisa gather information about our terrain model meetings so she can respond to Paka's comments to the quarterly report.

Thank You,
Natasha

From: Powell, Lisa (FHWA) [<mailto:lisa.powell@dot.gov>]
Sent: Monday, July 09, 2018 1:18 PM
To: Smith, Donald L <donald.l.smith@hawaii.gov>
Cc: Soriano, Natasha A <natasha.a.soriano@hawaii.gov>
Subject: FW: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report

Natasha/Don-

I didn't hear back from Laura Mau. Is she on vacation?

Lisa

From: Powell, Lisa (FHWA)
Sent: Friday, July 06, 2018 8:25 AM
To: 'Laura Mau' <lauram@rmtowill.com>
Cc: 'Smith, Donald L' <donald.l.smith@hawaii.gov>
Subject: FW: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report

Hi Laura-

I just spoke with Don and I am going to respond to Paka on Monday. See his email below. Could you give a summary of when the meetings were held about the terrain model including any separate meetings you had with Fred? Also, any other information about how you did outreach because I know you did a lot of it and I remember you saying that when you had offered evening or weekend meetings people had conflicts with those as well.

Also, is the digital model completed? Can I offer Paka some link to it or way to see it? Don thought you may have given a paper copy to Fred? Does it have GIS layers as he is asking in the last paragraph below?

Finally, do you have an estimate about when the physical model will be complete?

Thanks.

Lisa

From: Paka [<mailto:paka@sandwichisles.net>]
Sent: Monday, July 02, 2018 11:32 PM
To: Powell, Lisa (FHWA) <lisa.powell@dot.gov>; Susan.A.Lebo@hawaii.gov; amy.rubingh@hawaii.gov; sstokely@achp.gov; Smith, Donald L <donald.l.smith@hawaii.gov>; Soriano, Natasha A <natasha.a.soriano@hawaii.gov>; Deona.Naboa@hawaii.gov; Richard Paikuli-Campbell <tyler_paikuli-campbell@nps.gov>; Jeff Zimpfer <jeff_zimpfer@nps.gov>; 'Arakaki, Aric' <aric_arakaki@nps.gov>; rick_gmirkin@nps.gov; fredcachola@gmail.com; bokahui@laiopua.org; Kiersten@historichawaii.org; laurenm@oha.org; keolal@oha.org; 'Cynthia Nazara' <cynazara@gmail.com>; mkahawaii@hawaii.rr.com
Cc: Otani, Meesa (FHWA) <meesa.otani@dot.gov>; Takara, Richelle (FHWA) <Richelle.TAKARA@dot.gov>; Rizzo, Ralph J (FHWA) <Ralph.J.Rizzo@dot.gov>; Laura Mau <lauram@rmtowill.com>
Subject: Re: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report

Aloha Lisa,

Mahalo for your e-mail.

I have a concern regarding the terrain model, more specifically the electronic model.

After several months of mitigation negotiations between NHOs, HDOT, and FHWA, electronic and physical terrain models were agreed upon as one of several mitigating measures. Makani Hou O Kaloko-Honokohau was the primary negotiator for this and many other mitigating measures because of the fact that I (V-P, Makani Hou) personally took it upon myself to review the project ROW, which substantially raised the number of sites reported. If I'm not mistaken the number went from less than 20 to over 70. This seems outrageous but it is a fact, and it makes me question the validity of past AIS reports by Cultural Surveys Hawaii, particularly Phase 1 of the current project.

Because Makani Hou established grounds for and negotiated many of the mitigating measures, I expected that Makani Hou's input would carry significant weight in how the mitigating measures we negotiated would be addressed. Perhaps I was naïve in expecting that Makani Hou's input would carry more weight than other NHOs not involved in establishing grounds for mitigation and negotiating mitigating measures.

I was able to attend just one consultation meeting on the terrain model design at the RM Towill Corp office in Kona. Unlike many that were involved in that and subsequent meetings, I am limited in the days I can get off work to attend these meetings. During the meeting I attended, RM Towill staff was in a rush to get their physical terrain model plan approved so that they could get it to their modeler who was retiring soon. That notion was rejected because what RM Towill had prepared did not reflect previous discussions on what Makani Hou expected the terrain model should be. Our position was that an electronic terrain model of GIS layers should be created and approved prior to a physical model being created. We did not expect a physical model first with an electronic model at some later date as RM Towill had proposed.

I am not sure what the final electronic model that was reportedly delivered looks like, but I do hope that it is a GIS layers model to display what we have today, with removable layers to display only what was in place prior to the construction of Queen Kaahumanu Highway and the subsequent widening project. The last electronic model I saw via e-mail was a single sheet that cannot show what was there prior to the Queen Kaahumanu Highway construction and subsequent widening.
Please send me the latest electronic model. Mahalo!

Isaac Paka Harp
V-P Makani Hou O Kaloko-Honokohau
(808) 756-7379

From: [Powell, Lisa \(FHWA\)](#)
Sent: Monday, July 02, 2018 12:54 PM
To: <mailto:Susan.A.Lebo@hawaii.gov> ; <mailto:amy.rubingh@hawaii.gov> ; sstokely@achp.gov ; [Smith, Donald L](#) ; [Soriano, Natasha A](#) ; <mailto:Deona.Naboa@hawaii.gov> ; [Richard Paikuli-Campbell](#) ; [Jeff Zimpfer](#) ; ['Arakaki, Aric'](#) ; mailto:rick_gmirkin@nps.gov ; <mailto:fredcachola@gmail.com> ; <mailto:paka@sandwichisles.net> ; <mailto:bokahui@laiopua.org> ; <mailto:Kiersten@historichawaii.org> ; <mailto:laurenm@oha.org> ; <mailto:keolal@oha.org> ; ['Cynthia Nazara'](#) ; <mailto:mkahawaii@hawaii.rr.com>
Cc: [Otani, Meesa \(FHWA\)](#) ; [Takara, Richelle \(FHWA\)](#) ; [Rizzo, Ralph J \(FHWA\)](#) ; [Laura Mau](#)
Subject: RE: Queen Kaahumanu Phase 2 MOA 1st Quarter 2018 Report

Good Afternoon Everyone-

Attached is the Queen Kaahumanu Highway Widening Phase 2 Memorandum of Agreement 2st Quarter of 2018 Report. It is most legible on 11x17 paper, so reply to me with your address if you would like a hard copy mailed to you. Blue highlighted items were completed in the past quarter and yellow highlighted items are upcoming tasks.

Thank you!

Lisa Powell, P.E.

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