

4th ANNUAL PROGRESS REPORT TO THE STATE OF HAWAII DEPARTMENT OF  
TRANSPORTATION, HIGHWAYS DIVISION, MATERIALS TESTING AND RESEARCH BRANCH  
(FOR THE PERIOD OF JULY 01, 2023– JUNE 30, 2024)

**PROJECT TITLE:**

Impact Mitigation for Queen Ka‘ahumanu Highway Widening Project, Phase 2

**DATE OF REPORT DUE:**

08/01/2024

**CONTRACT NUMBER:**

Task Agreement No.: 2020-QK-MOU.

Cooperative Agreement No.: DOT-10-030.

**CONTRACTOR:**

University of Hawai‘i, Hilo.

**PRINCIPAL AND CO-INVESTIGATOR:**

Dr. Keiki Kawai‘ae‘a - Director, Ka Haka ‘Ula O Ke‘elikōlani College, University of Hawai‘i at Hilo

Dr. Peter Mills – Director Heritage Management MA Program, Anthropology Department, University of Hawai‘i at Hilo

**HDOT Project Manager:**

Dr. Pua Aiu

Hawaii District, Highways Division, HDOT.

**TOTAL COST OF CONTRACT**

\$1,250,000.

Account: 1Q41A/B.

Source of Funding: NH-019-1(047).

**NEXT REPORT DUE:**

08/01/2025

## INTRODUCTION

The following document is the fourth annual progress report for a planned five-year research program funded by the HDOT. The project seeks to mitigate the adverse effects of the Queen Ka‘ahumanu Highway Widening, Ph. 2. The program is intended to benefit North Kona (Kekaha) communities through projects and activities managed by the Ka Haka ‘Ula O Ke‘elikōlani College of Hawaiian Language (KH‘UOK) and the Anthropology Department (AD) at the University of Hawai‘i at Hilo (UHH), and their partners which include the Kohala Center (TKC). HDOT has indicated its desire to implement programs that benefit Native Hawaiian archaeology and anthropology, fund scholarships and research activities of undergraduate and graduate students in those fields as well as Native Hawaiian Studies at UH. Furthermore, the funds are intended to serve the interests of local Hawaiian language immersion and Hawaiian-focused charter school education efforts. Substantial progress continues in digitization work and oral history work, digitization, and graduate-student oral history projects, as well as the advisory committee. In collaboration with the Kohala Center, year four will emphasize seeking out and recording additional oral histories of Kekaha residents. An advisory group of Kekaha residents has been organized to discuss the oral histories and other aspects of the MOU, such as appropriate forms of dissemination for digitized archival materials and advisory committee meetings that occur on a quarterly basis. These efforts are intended to integrate and enrich cultural programming that interprets the native Hawaiian culture of the region and promotes the Hawaiian language. Our efforts to date on these multiple fronts are summarized below.

### a. BUDGET SUMMARY/FUNDS DISBURSED

	Total 5 Year Budget	Year 1 Expended 6/30/2021	Year 2 Expended 6/30/2022	Year 3 Expended 6/30/2023	Year 4 Expended 6/30/2024	Total Expended	Remaining Balance
Salary & Wages	\$ 305,014.00	\$ 3,968.10	\$ 24,479.87	\$ 31,252.63	\$ 142,553.59	\$ 202,254.19	\$ 102,759.81
Fringe	\$ 189,109.00	\$ 2,308.47	\$ 6,874.45	\$ 2,433.57	\$ 13,721.29	\$ 25,337.78	\$ 163,771.22
Equip. Supplies, food, remuneration, etc	\$ 106,175.00	\$ -	\$ 1,626.96	\$ 15,216.14	\$ 249.37	\$ 17,092.47	\$ 89,082.53
Travel	\$ 17,500.00	\$ -	\$ -	\$ -	\$ 2,639.55	\$ 2,639.55	\$ 14,860.45
Contractual	\$ 69,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,000.00
Other	\$ -	\$ -	\$ -	\$ -	\$ 18,000.00	\$ 18,000.00	\$ (18,000.00)
Subtotal	\$ 686,798.00	\$ 6,276.57	\$ 32,981.28	\$ 48,902.34	\$ 177,163.80	\$ 265,323.99	\$ 439,474.01
Indirect @ 10% (incl. 1st 25k of KC)	\$ 71,180.00	\$ 627.71	\$ 4,671.46	\$ 6,987.84	\$ 30,003.55	\$ 42,290.56	\$ 28,889.44
Subtotal w/ indirect cost added	\$ 757,978.00	\$ 6,904.28	\$ 37,652.74	\$ 55,890.18	\$ 207,167.35	\$ 307,614.55	\$ 468,363.45
Scholarship Stipend	\$ 117,022.00	\$ -	\$ 17,280.00	\$ 23,970.00	\$ 489.00	\$ 41,739.00	\$ 75,283.00
Sub-Award: Kohala Center	\$ 375,000.00	\$ -	\$ 13,734.05	\$ 53,569.11	\$ 77,364.49	\$ 144,667.65	\$ 230,332.35
Total	\$ 1,250,000.00	\$ 6,904.28	\$ 68,666.79	\$ 133,429.29	\$ 285,020.84	\$ 494,021.20	\$ 773,978.80

## **WORK COMPLETED/OBJECTIVES ACHIEVED IN YR4:**

Progress to date includes the completion of some of the proposed tasks and objectives defined for the project. Status on specific goals is presented below for the five areas contained in the MOU:

### *a. Cultural Programming*

Digitizing archaeological reports has focused primarily on the William Barrera reports. A high-quality Epson scanner with a multi-page feeder capacity that was acquired in year 2 for the anthropology department has continued to be used for the scanning of archaeological reports from the Kekaha region (some with original photos) in year 3 and 4. A Heritage Management graduate student hired in 2021 continued digitizing the archaeological reports and editing the optical character recognition (OCR) text and has since completed the digitizing and editing of all archaeological reports from the Kekaha region and additional work has been done to digitize Barrera reports from other locales. A total of 25 Barrera Reports have been completed for Kekaha. After scanning, these digital files have been edited in MS Word documents to improve the searchable text produced by the OCR. A remaining 41 archaeological reports by other authors related to the Kekaha region that are also available for scanning in the Barrera library are in process of digitization. The project associate has provided partial assistance with the editing and other archival materials from the Barrera collections from Kekaha (slides, B/W photos, negatives). Staff have developed a system for organizing and indexing the Barrera collection and associated reports. Transcriptions for all completed interviews are being drafted and reviewed by both the interviewee and staff to ensure that final transcriptions are to standard. The funds for this work have not been entirely spent, and we hope to continue to emphasize the documentation of materials from the Kekaha region in Barrera's collections and archives.

### *b. Native Hawaiian Anthropology/Archaeology.*

The UHH is strengthening its Hawaiian and Hawai'i-related anthropology courses through three main pathways: 1) building capacity between the anthropology department and KH'UOK; and 2) increasing the quality of information available for studying the archaeology of the Kekaha region through digitization of archaeological reports from the Kekaha region, and 3) organizing and analyzing a large collection of archaeological material from Kekaha collected by William Barrera.

The two students admitted to the AD Heritage Management Graduate (MA) Program in the Fall of 2021 have continued in their commitment to completing graduate work in the Kekaha region. Their proposed thesis projects both align with the objectives herein and focus on the engagement of Kekaha community members. These students received tuition scholarships for the two-year period of fall 2021 to spring 2023. Full tuition scholarships for the 2021-2022 academic year and 2022-2023 academic year were awarded to both students. For 2023-2024 these awards also included funds for one of the graduate students to enroll in a Hawaiian language class at HCC, and the total expenditure for tuition scholarships for the 2022-2023 academic year. Although both students faced personal issues in 2023-2024 and took at least partial leaves of absence, each student (both Native Hawaiian, and one from Kona) continues to progress in the graduate program and are projected to complete the program in its entirety over the 2024-2025 academic year.

At the undergraduate level in anthropology, a Native Hawaiian student who was affected by the Maui fires received tuition scholarship funds for the 2023-2024 academic year and part time employment to work on the Barrera collections. Through the Spring semester of 2024, he also completed an archaeological internship in the geoarchaeology lab working to analyze volcanic glass artifacts from Kona (both in Kekaha and in Kailua-Kona). He is preparing a video presentation on his undergraduate research in geoarchaeology that will be available for integration in lithics curricula pertaining to Kekaha, including Dr. Mills' ANTH 484 (stone tool analysis class), being taught this fall (Fall 2024).

*c. Native Hawaiian Studies Scholarship Program.*

The Pāhana Nanaikamalama continues with the participation of undergraduate and graduate Hawaiian Studies students in an internship setting that focuses on developing students' Hawaiian traditional knowledge and language skills while enhancing research skills and Hawaiian language capacity that will be used for Hawaiian medium curriculum (see next section). Participating students will receive internship stipends for their work and participation.

In addition, one \$10,000 fellowship was given to Keali'i Lum, a doctoral student in the final phase of his doctoral studies in the Hawaiian and Indigenous Language and Culture Revitalization program. The fellowship will support Keali'i to focus and complete his dissertation..

*c. Anthropology and Hawaiian Immersion/Charter School Support.*

Regular project meetings and production continue with the Pāhana Nanaikamalama internship project. Hawaiian medium materials are being developed and produced with the Hale Kuamo'o (the Hawaiian Language Center of Ka Haka 'Ula O Ke'elikōlani College of Hawaiian Language. The focus of the curriculum materials and resources being developed are from the Pāhana Nanaikamalama internship project of undergraduate and graduate Hawaiian Studies students. The internship project further develops student's Hawaiian traditional knowledge and language skills while enhancing research skills and Hawaiian language capacity that will be used for the Hawaiian medium curriculum. Utilizing primary and secondary sources on Kona that include Kona-born historian and political advocate John Whalley Hermosa Issac Kihe of the early 20th century the project focuses on traditional knowledge and literature of the Kona and Kekaha region. The focus is on middle and high school, where curriculum materials are limited in K-12 Hawaiian immersion classrooms. The resources will include five place-based stories, a 20-poster set, and a high school and elementary-level version of the story of Makalei.

*d. Oral Histories of Kekaha Region*

Engagement in discussion with the Kekaha community through the Advisory Committee continues throughout the interview process, providing community insight as interviews are conducted and supporting adaptive approaches to the overall process for the interview and transcription process. Added effort has been made to support community members' understanding of the scope of work for the project and to support their continued feedback and overall input for the duration of the project. This involves the project coordinator scheduling one-on-one meetings with known family members to answer all questions and concerns and similar processes for interviewees and their 'ohana prior to their interview date and in the post-interview transcription drafting and finalization. Following this outreach, project staff and Kohala Center staff schedule meetings to assess and debrief interviews and transcription meetings to

identify successes, failures, and areas for growth. Significant progress continues to be made to ensure these families feel comfortable with direction this project is moving toward and that they will continue to have opportunities to provide input and feedback to staff which will be heard and ideally, adopted in standard operating procedures for staff moving forward.

The collection of oral histories has continued with updates to the Advisory Committee and consideration for questions and concerns posed by individual committee members is made to ensure that the collection of oral histories continues to follow the intended vision and guidelines set forth by the committee and the broader community of Kekaha. To date, 6 individuals have been interviewed. An additional 8 interviews are confirmed and are pending scheduled dates. Although the number of oral history interviews completed in 2024 have been expected to increase in quantity, the process for identifying interviewees and arranging interviews has proven to be difficult for the community in recent months due to a lack of availability. The staff have had discussions on best approaches moving forward to ensure interviews are completed.

#### **WORK PLANNED FOR YR5:**

The implementation of the fifth year's objectives is anticipated to proceed smoothly with a full project staff on board and the addition of 2-3 additional staff to support transcriptions, research, and interview preparation. Beyond the scheduling of expenditures, there are no changes to the original proposal however, we have submitted for approval a no-cost extension year after year five. The next steps for year five are described for the core areas of emphasis as follows:

a. In the anthropology department, the Barrera collections will continue to be organized, and additional incorporation of Kekaha material into anthropology classes is planned. Digitization work on the Barrera archives will continue, and expand to undergraduate student hires. Completed scans will be used to create the Barrera collections on Ulukau. The new site will be planned and initiated.

b. Support (financial and academic) will be extended to the scholarship recipients in graduate and undergraduate studies. The Heritage Management Program Committee Chairs will be monitoring individual's progress and performance in coursework and will work towards the refining of robust and targeted thesis topics. Although a new anthropology graduate student was recruited for the Fall of 2023 with scholarship funds offered, that student decided late in the Spring that they would not enter the program. Hawaiian studies will continue with internships and fellowships to its graduate MA and Ph.D degrees.

Outreach will continue by the Kohala Center, Hawaiian Studies, Departments of Anthropology and History and campus organizations to encourage further scholarship, fellowship and internship applications.

c. Hale Kuamo'o (the Hawaiian Language Center of KH'UOK) will complete the curriculum and resource materials and prepare for dissemination and training for Hawaiian medium schools.

d. Through regular monthly meetings of principals, AD and KH‘UOK will follow-up, support, and coordinate with TKC to fulfill their sub-agreement. The Manager will work with TKC and graduate students to recruit and identify community participants in the project. Collectively, these individuals will serve to identify the broader goals of the communities themselves which we hope to facilitate through the collection and preservation of interviews, etc.

**ATTACHMENT B:**

**University of Hawai‘i**

**Subrecipient: The Kohala Center**

**Project Title: The Traditional Pathways Project**

Federal Award No: DOT-10-030, TA 2020-QK-MOU

Subaward No: HI1663

Budget Period: 07/01/2021-06/30/2024

Reporting Period: 07/01/2023-06/30/2024

Report Type: Annual

The main purpose of this project is to 1) support UH-Hilo in fulfilling existing MOU between DOT and UH-Hilo to “promote educational and other activities that will mitigate such adverse effects [of the “Kaloko Intersection Project” and the “Queen K Project” and help perpetuate the Hawaiian culture”; and 2) provide project leadership to unify the five programs as listed in the agreement under one project named, “The Traditional Pathways Project”, through Pathways Research and Design. Specific objectives include:

1. Provide applied research and other relevant, experiential learning opportunities for grant-funded undergraduate and graduate students majoring in Native Hawaiian studies and/or Native Hawaiian anthropology.
2. Collaborate with UH-Hilo grant-funded undergraduate and graduate students to conduct oral histories with community members from the Kekaha region of Hawai‘i Island.
3. Support UH-Hilo in the development and outreach of educational/enrichment materials to Hawaiian Immersion/Charter Schools and to community members in Kekaha that capture and interpret Native Hawaiian cultural practices in the Kekaha region
4. As a Pathways Research Cohort a) conduct historical and cultural research on Kekaha with a focus on traditional pathways; and b) share the mo‘olelo and research findings for informational and feedback purposes
5. As a Pathways Design Cohort, initiate new or integrate into existing curriculum (e.g Native Hawaiian archaeology and/or anthropology courses at UH-Hilo, Hawaiian immersion/charter schools, Hawai‘i Island community-based organizations) drawing on research through arts and other media

6. Finalize project by creating a mo'oku'auhau (genealogy) of this Traditional Pathways Project to serve as a model for Hawai'i-based private/public partnerships and shared leadership.

### **Organization/Program Achievements: what was accomplished in connection to this project?**

#### Total Project Summary (July 2021 - June 2024):

- Pilina built with the community of Kekahawai'oleonākona and with key members and organizations in the area.
- An Advisory Committee was formed to help guide the project.
- Four (4) oral history interviews have been completed with five (5) individual interviewees. Another interview with one (1) interviewee has been completed and we are able to use the interview as part of this project if the proper permissions are acquired.

#### Annual Summary (July 2023 - June 2024):

- The interviewing Hui collected oral histories and have critically planned future interviews. (Program goal 2d, approved MOU, 2019.)
- Constructive communication has continued to occur with the community of Kekahawai'ole with the goal of prioritizing community voices and concerns as the project moves forward. (Program goals 2c, 2d, 2e.)

#### Highlights for Quarter 1: July 1, 2023 through September 30, 2023

- An oral history interview was conducted with Uncle Reggie Lee.

#### Highlights for Quarter 2: October 1, 2023 December 31, 2023

- An oral history interview was conducted with Aunty Cindi Punihaole.
- A meeting was held between UHH and TKC to discuss the project in its entirety. Updates and progress checks were shared along with plans for the latter phases of the project.
- TKC proposed a No Cost Extension through Dec. 2025 (from the original June 2024 end date on the subaward agreement).

#### Highlights for Quarter 3: January 1, 2024 – March 31, 2024

- UHH verbally accepted TKC's request for a No Cost Extension budget revision.
- Ala Kahakai NHT hosted a First Friday at the Trail where ala 'ohana, dedicated community members and members of the UHH/TKC Hui could come together to do hana, listen to mo'olelo, and nānā 'āina.

#### Highlights for Quarter 4: April 1, 2024 – June 30, 2024

- An oral history interview was conducted with Aunty Hannah Springer and her son, Kekaulike Tomich.

**BUDGET TO ACTUAL**

Expenses	Year-to-Date Actual	Budget Revised	Budget Original	Balance Remaining
	07-01-2021 thru 06-30-2024			
Project Lead	\$ 60,361	112,500	100,000	52,139
Project Assistant	\$ 29,659	85,000	60,000	55,342
‘Āina Accountability staff (Commucations & Marketing)	\$ -	20,000		20,000
Employee Benefits & Taxes	\$ 25,205	64,181	44,800	38,976
Contract Services	\$ -	0	40,000	0
Program Supplies	\$ 1,850	7,400	6,400	5,550
Marketing	\$ 81	81	12,500	0
Honoraria	\$ 737	12,600	5,000	11,863
Travel & Transportation	\$ 1,538	5,000	6,300	3,462
Meetings & Events	\$ 3,527	19,325	51,087	15,798
Total Direct Expenses	122,959	326,087	326,087	203,128
IDC @15%	\$ 28,378	48,913	48,913	20,535
Total Expenses	\$ 151,336	375,000	375,000	223,663