

**U.S. DEPARTMENT OF THE INTERIOR  
OFFICE OF NATIVE HAWAIIAN RELATIONS**

**FEDERAL SURVEY OF  
HAWAIIAN HOME LANDS  
PROJECT**

**Hawaiian Homes Commission Workshop  
November 19, 2018 • Hale Ponoʻī**



# Presentation Overview

15 minutes

Introductions

History of Survey Recommendation

Project Overview

Work in the Field

Pilot Boundary Field Work

Communication and Coordination

Timeline of Activities

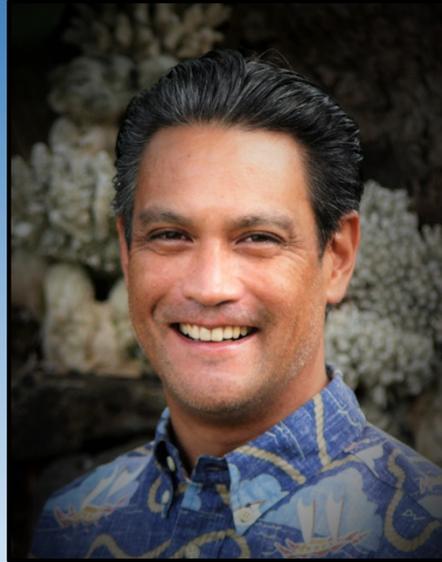
15 minutes

Discussion – Q & A

# Office of Native Hawaiian Relations



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Ka'i'ini "Kimo"  
Kalo  
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# Bureau of Land Management

## Cadastral Survey Program



Jon L. Kehler  
Chief Cadastral Surveyor  
Branch of Cadastral Survey  
California & Hawai'i  
Sacramento, California

Ralph "Ed" Patton  
Supervisory Land Surveyor  
BLM Cadastral Survey  
Hawaiian Islands Field Unit  
O'ahu, Hawai'i



# ControlPoint Surveying, Inc.

## Project Team

- Alden Kajioka, LPLS  
Senior Project Manager
- Rico Erolin, LPLS  
Project Manager
- Jeanie Lam  
CAD Project Manager & Field  
Coordinator



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# DHHL Assistance/Cooperation

Bureau of Land Management letter to Chair Masagatani (2/28/2018) requested DHHL's assistance

- Office of the Chair
- Planning Office
- Land Management Division
- Information and Community Relations Office
- Homestead Services Division
- O'ahu District Office
- \*Land Development Division
- \*Compliance and Community Relations Team

\*Meetings to be scheduled

# HHLRA – Survey of Trust Lands

**In 1995, Congress required in the Hawaiian Home Lands Recovery Act that the Secretary of the Interior conduct a survey of Hawaiian home lands.**

Sec. 205(e) – The Secretary shall conduct a survey of all Hawaiian Home Lands based on the report entitled ‘Survey Needs for the Hawaiian Home Lands’, issued by the Bureau of Land Management of the Department of the Interior, and dated July 1991.

# Benefits of the Federal Survey

- Provides a genealogical history of the lands going back prior to 1920 by compiling the legal authority for the transfer of lands to the Trust and the boundary lines of those lands.
- Places boundary monumentation in places where none exists.
- Where boundary monumentation currently exists, the survey can, through the use of modern technology, provide greater accuracy and resolve discrepancies between earlier surveys and maps.
- Creates a Federal Records Database that will be a powerful land management tool for current and future land development and dispositions.

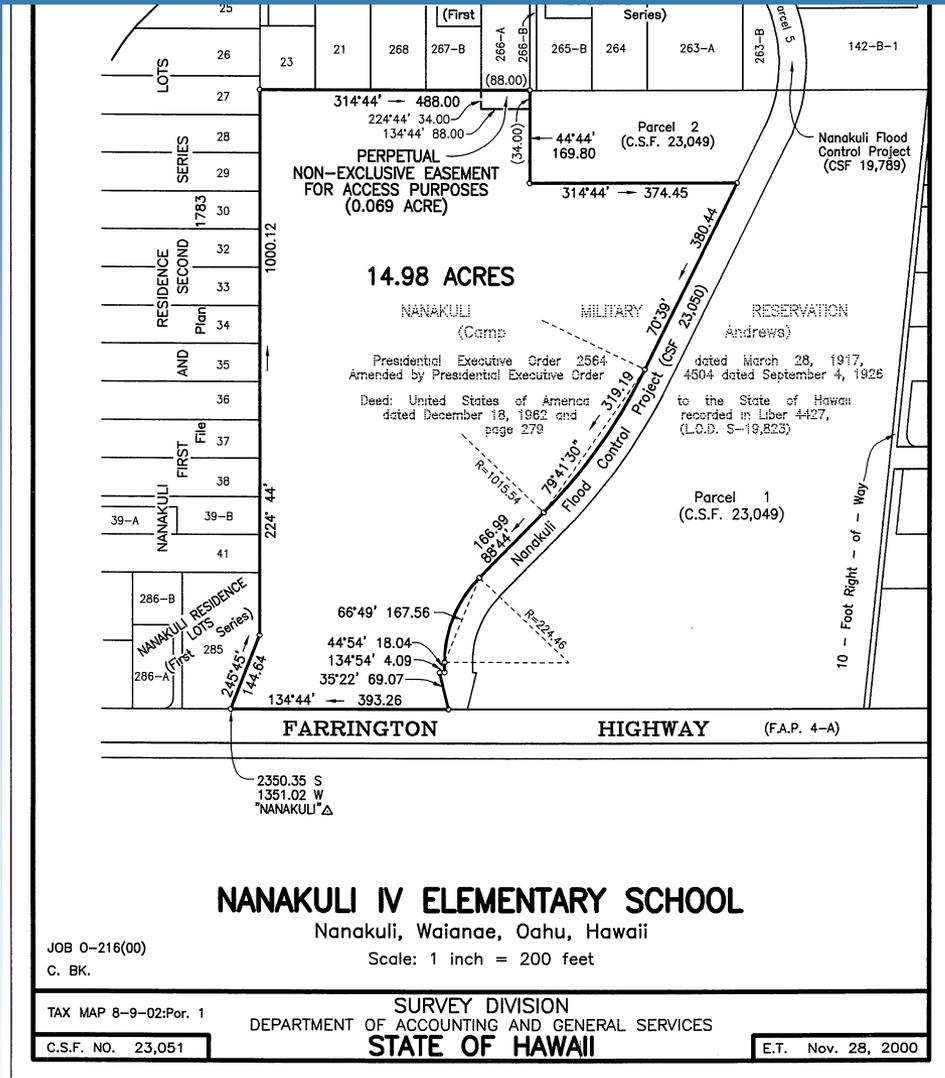
# Researching Back to the Source

Research and review of all existing records, conveyance and title documents, previous surveys, and historical documents to ascertain the legal boundaries of the Trust lands.

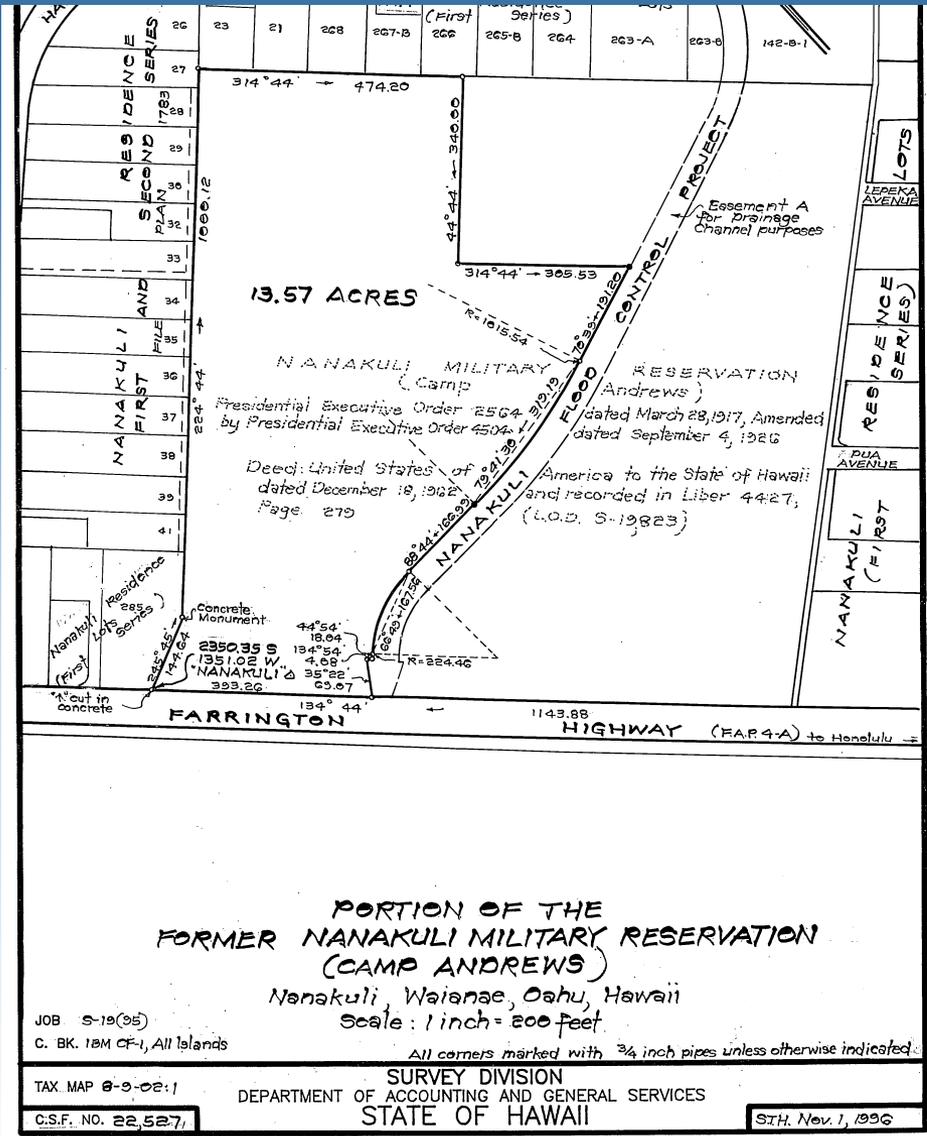
## *Sources of documents:*

- Department of Hawaiian Home Lands
- Land Survey Division, Department of Accounting and General Services
- Title company compiling chain of title reports
- Bureau of Conveyances, Department of Land and Natural Resources

# 2000 DAGS Survey Division Map v. Office of Planning GIS Map



# 1996 DAGS Survey Division Map v. Office of Planning GIS Map



# BLM Cadastral Survey Process

- Conduct Standards for Boundary Evidence (SBE) review for each parcel.
- Research and evaluate all existing survey records, land title documents, and historical documents to ascertain the legal boundaries of the Trust lands, and determine whether the existing survey records and land title records are sufficient to protect the Trust lands.
- Evaluate the boundary monumentation to determine whether the existing survey monuments are in good condition, disturbed, or missing.

# BLM Cadastral Survey Process

- Determine whether a Federal authority boundary survey is necessary.
  - If the existing survey records and land title records are not sufficient to protect the Trust lands, a Federal authority boundary survey is required.
  - If the existing survey records and land title records are sufficient to protect the Trust lands, but existing survey monumentation is insufficient due to age or disturbance, a Federal authority boundary survey is required.

# BLM Cadastral Survey Process

- Conduct Federal authority boundary survey if required.
- Officially file plats of survey in the BLM, California & Hawai'i Office, Sacramento, California.
  - 30-day notice is published in the Federal Register;
  - Written notices of protest must be filed during 30 calendar days period;
  - Plats officially filed 30 calendar days from publication of notice or the day after all protests have been dismissed or otherwise resolved.

# Scope of Project – Phase I

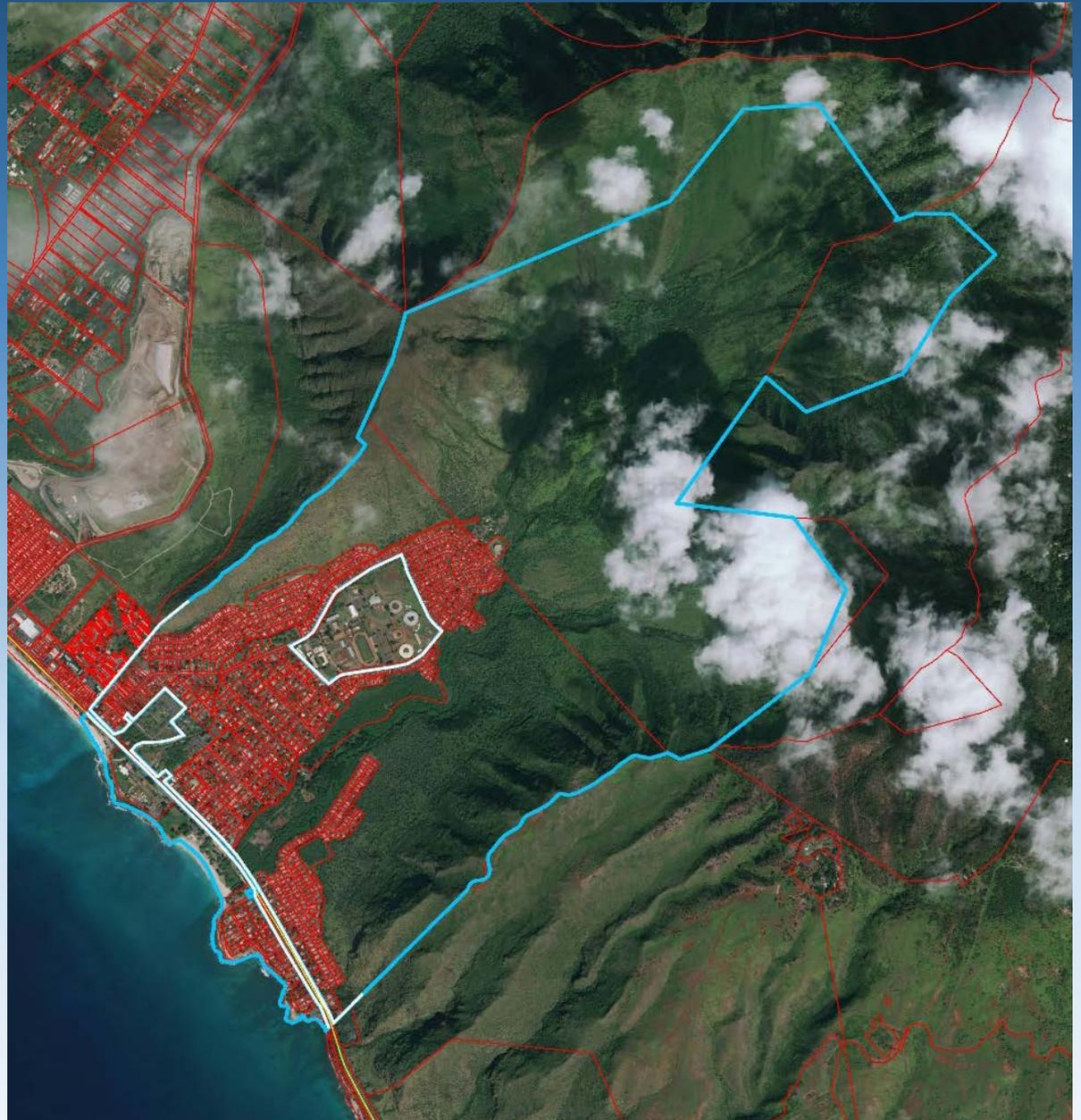
Under the current budgeted project –

- Work has begun with the island of O‘ahu.
- Standards for Boundary Evidence (SBE) review will be completed for all parcels of Hawaiian Home Lands on O‘ahu.
- Field survey work can run concurrently with the SBE review process.
- Field survey work will be limited to the first three priority areas, as determined by DHHL.

# Nānākuli

Boundary lines shown in white will be surveyed by ControlPoint.

Projected  
Communities  
Affected:  
Homestead  
households – 97  
Other HHL  
tenants – 10  
Non-HHL  
neighbors - 33



# Lualualei

Boundary lines shown in red will be surveyed by ControlPoint.

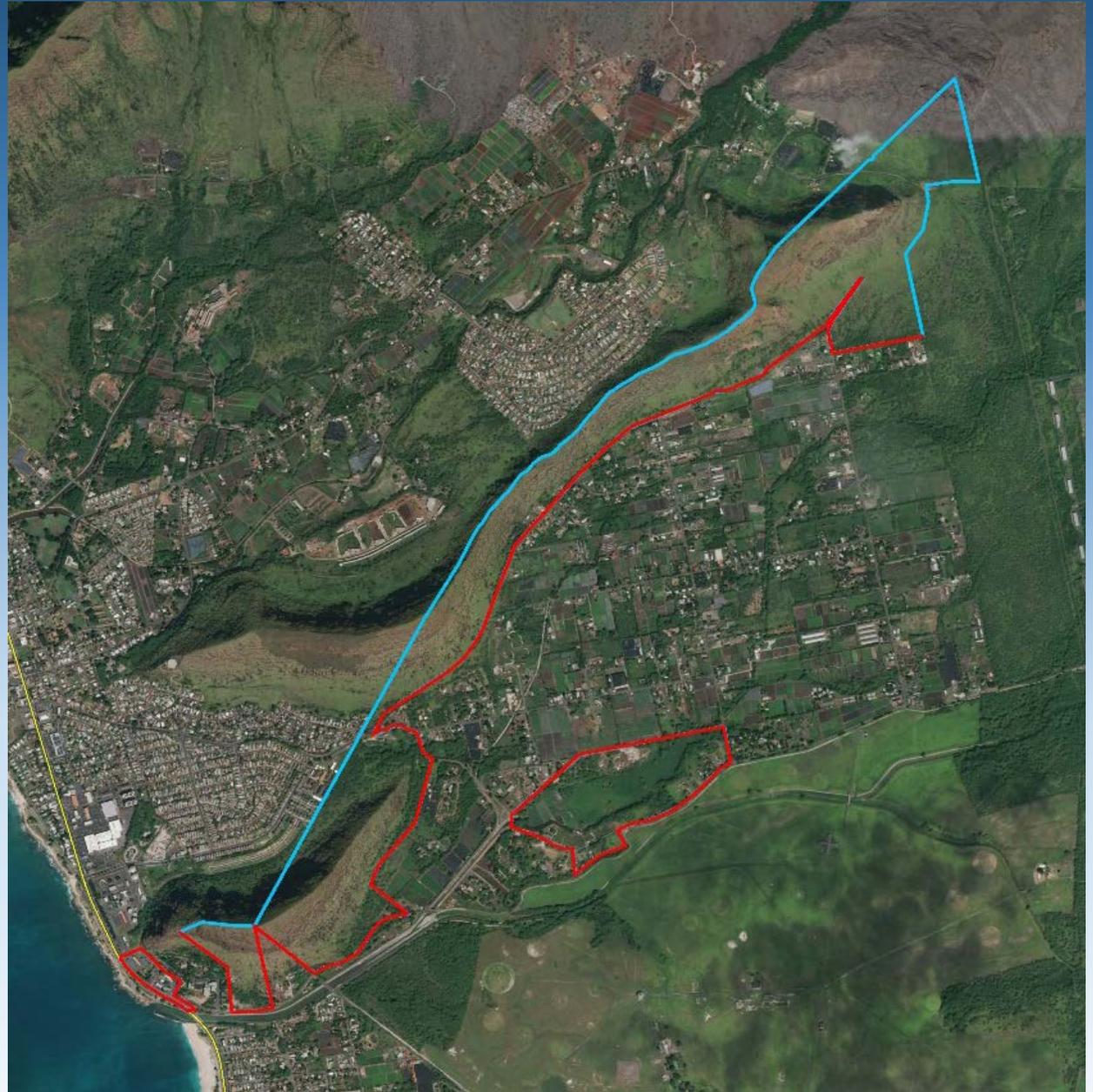
Projected Communities Affected:

Homestead ag lots – 20

Other HHL tenants – 5

Non-HHL

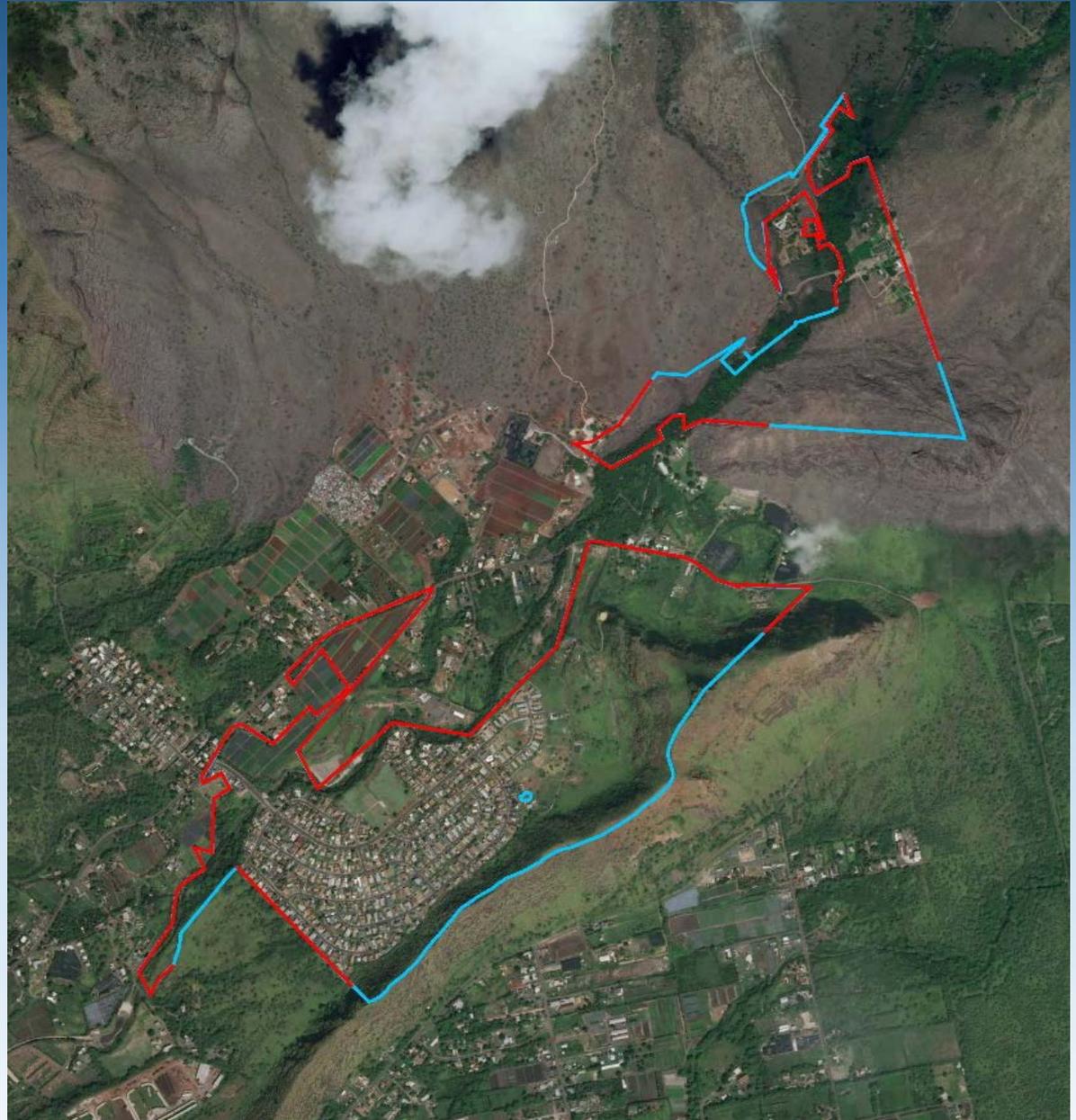
neighbors - 22



# Wai'anae

Boundary lines shown in red will be surveyed by ControlPoint.

Projected  
Communities  
Affected:  
Homestead  
households – 34  
Other HHL  
tenants – 8  
Non-HHL  
neighbors - 25





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# Work in the Field





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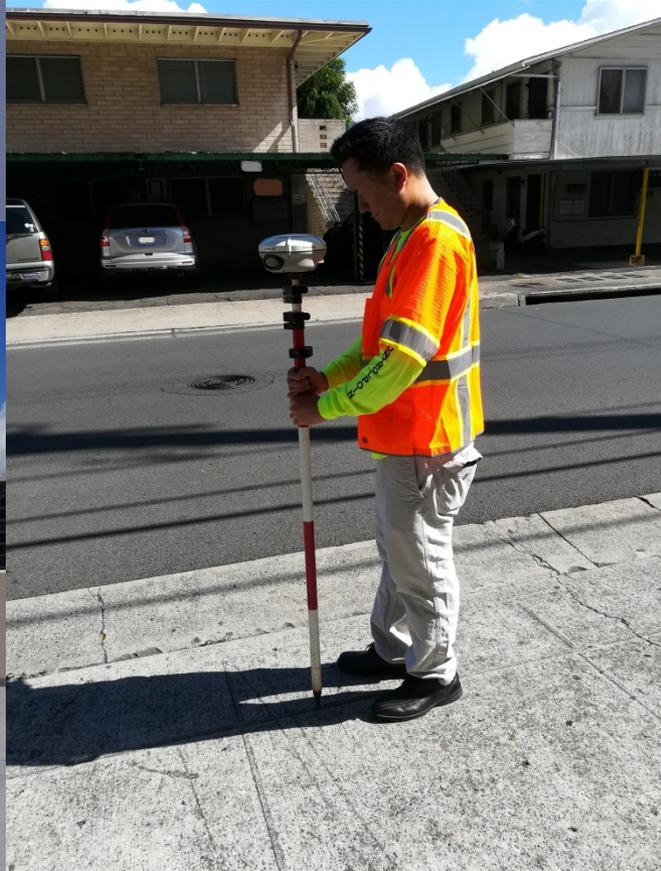
# Series of Activities in the Field

## Establish Survey Project Control Network

- Set permanent survey nails or spikes within 1000 feet of the boundary, mostly in public areas such as along roadways.
- Collect static GPS data over several hours and establish survey project control network of fixed points.
- Completed under DHHL Limited Right of Entry Permit No. 19:032, effective 10/31/2018 through 12/4/2018.



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GPS equipment



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# Series of Activities in the Field

## Traverse/Location Surveys and Data Collection

- Search for and recover existing monuments.
- Collect survey data, including Real Time Kinematic (RTK) GPS measurements, and angle and distance measurements using conventional survey instruments (Total Stations).
- Identify and locate encroachments along parcel boundaries.



Total Stations

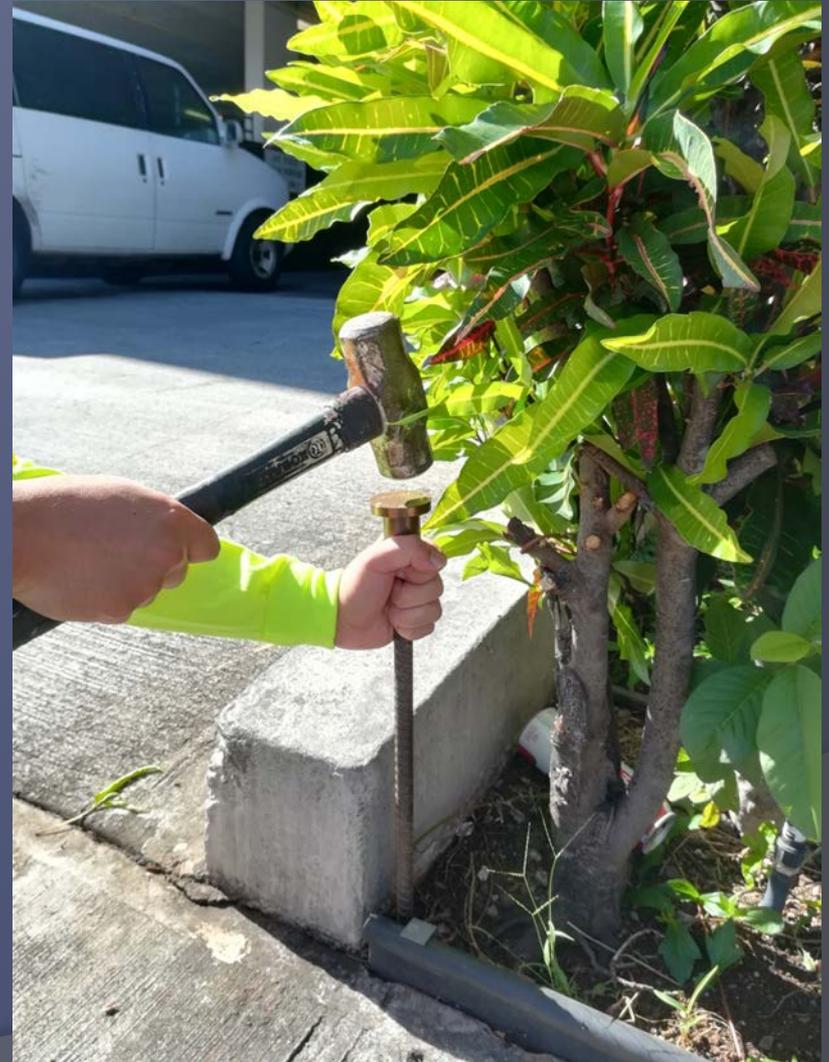


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# Series of Activities in the Field

## Boundary Survey Monumentation

Set new monuments where necessary monuments do not exist or existing monuments are not in the proper location consistent with BLM's Standards for Boundary Evidence for the parcel.



# Monument Cap

Monument cap may be customized as in the pictured example.

- Lines and angles will be stamped
- “HHL” will be stamped to indicate location with respect to such lines
- Other information may include: “Unlawful to Disturb”; “For information contact . . .”; etc.



# Pilot Boundary Field Work

Nānākuli High and Intermediate School (*under consideration*)

- Mostly non-homestead boundaries
- Boundary does run along 12 homestead lots which may be surveyed from the School side of the boundary and revisited later if access to homestead lots is necessary.

Under 30-day Limited Right of Entry Permit from DHHL

# Boundary Field Work

Boundary work along boundaries of homestead lots will begin after –

- Hawaiian Homes Commission grants a Right of Entry Permit;
- DOI outreach and coordination with the Homestead community associations and individual homestead lessees; and
- DOI outreach and coordination with the Neighborhood Boards and neighbor landowners and tenants, which will include public and private entities.

# Communication and Outreach

- Hawaiian Homes Commission
- Hawaiian Homestead Communities
- Individual lessees and tenants on HHL
- Neighborhood Boards
- Neighboring landowners and tenants
- State Agencies who are Neighbors
  - Department of Education
  - Department of Land and Natural Resources
- Government and community officials and representatives for the affected areas

# Information and Updates

- Introduction letters
- Fact sheet w/ ONHR contact information
  - Limited Right of Entry Permit attached for Pilot duration
  - Right of Entry Permit attached for remaining duration of the Project
- Frequently Asked Questions
- Webpage on [www.doi.gov/hawaiian](http://www.doi.gov/hawaiian)
- Individual letters to affected landowners and tenants

# Timeline (Projected)

- **Now**
  - Standards for Boundary Evidence Review
  - Obtain 30-day Limited Right of Entry Permit for Pilot
  - Pilot Boundary Field Work
- **November – December**
  - Seek Right of Entry Permit from the HHC
    - Informational workshop at HHC November meeting
    - Presentation and Q&A at HHC's Community Meeting in December
    - Decision-making at HHC December meeting

# Timeline (Projected)

- **January 2019**
  - Outreach and Coordination
- **January – March 2019**
  - On-going outreach and coordination
  - Traverse/Location Surveys and Data Collection
- **April 2019**
  - BLM Reviews and Approvals
- **May – July 2019**
  - Monumentation of Boundaries

# How to Contact ONHR

## WASHINGTON, D.C. OFFICE

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# MAHALO PIHA!

## Discussion – Q & A

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