

PAC/TAC Combined Meeting #1

Ellison Onizuka Kona International Airport (KOA)

Master Plan Update

May 23, 2025

Agenda

1. Introductions
2. Project Background
3. Master Plan Process
4. Goals and Objectives
5. Stakeholder Engagement and Communication
6. Next Steps



Introductions

Project Team

■ Prime Consultant: **HNTB**

■ Sub Consultants:



KYC Inc.
Terminal Planning



RM Towill Corporation
Field Survey



Anthology FINN Partners
Public Outreach



DWU Consulting LLC
Financial Implementation Plan



Martinez Geospatial
Airport GIS Survey

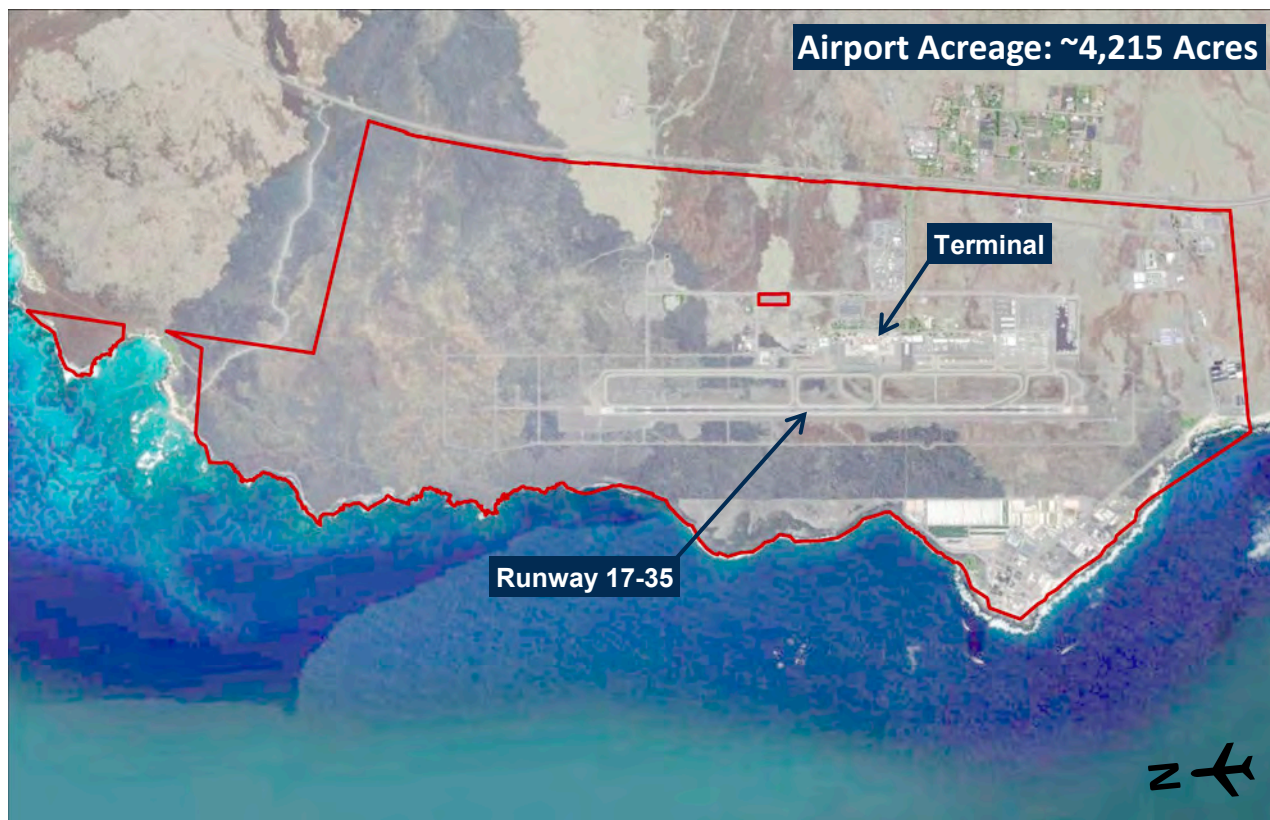


Rider Levett Bucknall
Cost Estimating

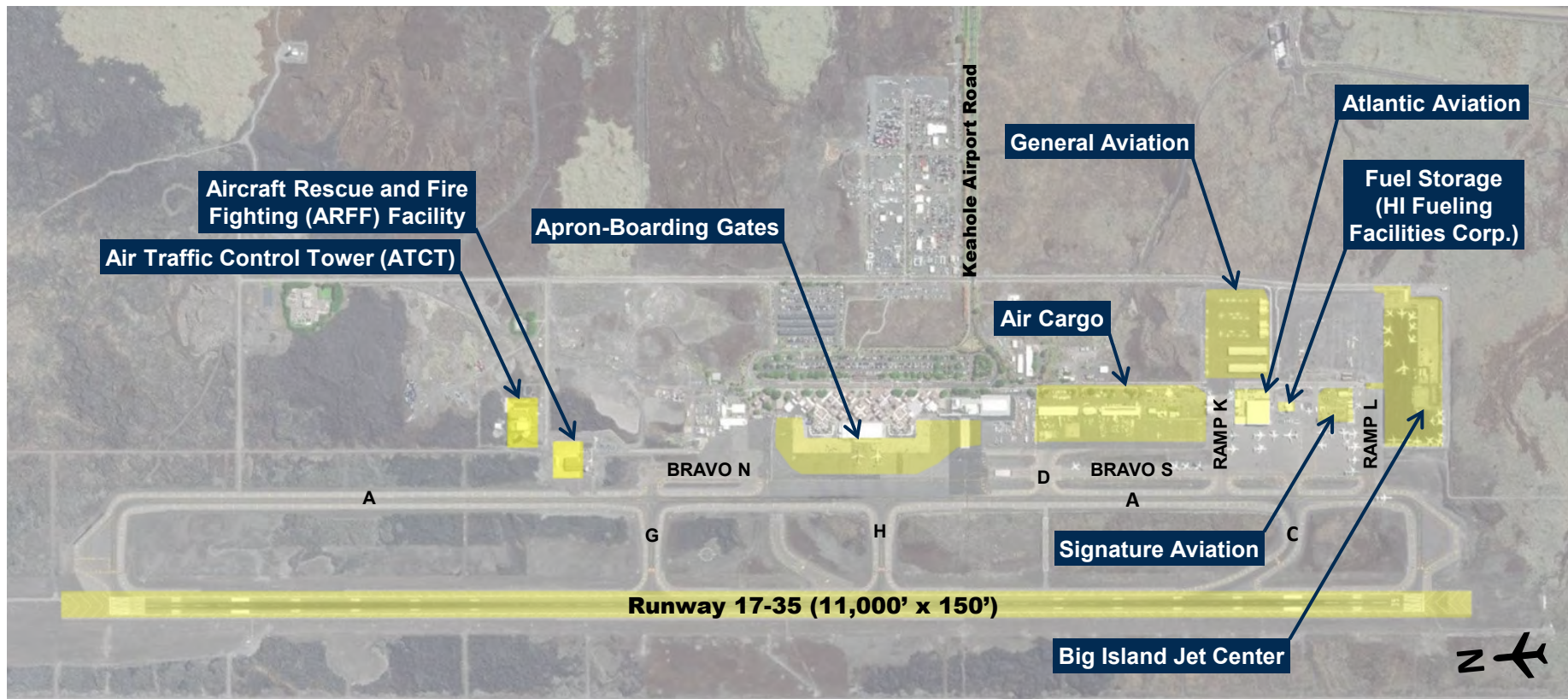


Project Background

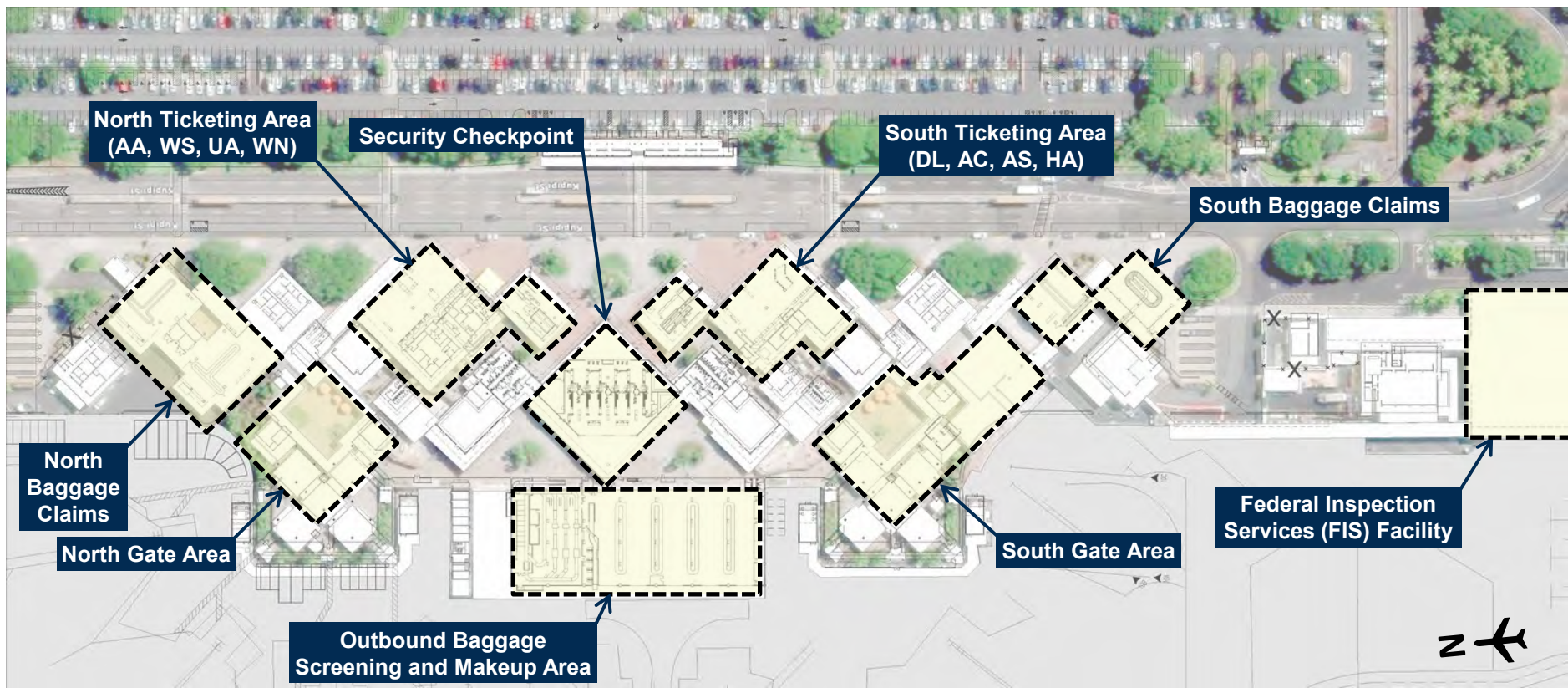
Inventory of Existing Conditions – Overall



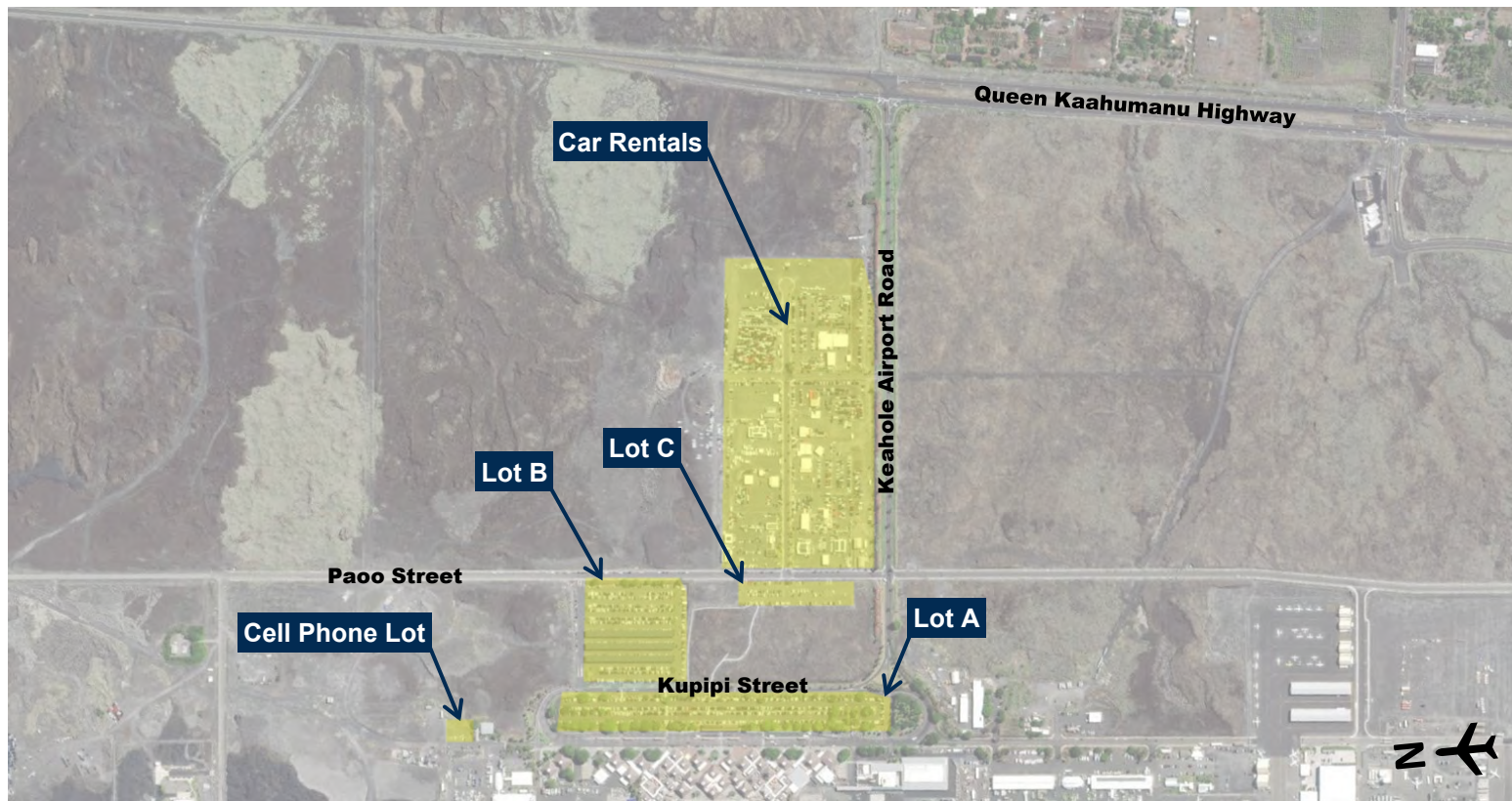
Inventory of Existing Conditions – Airside



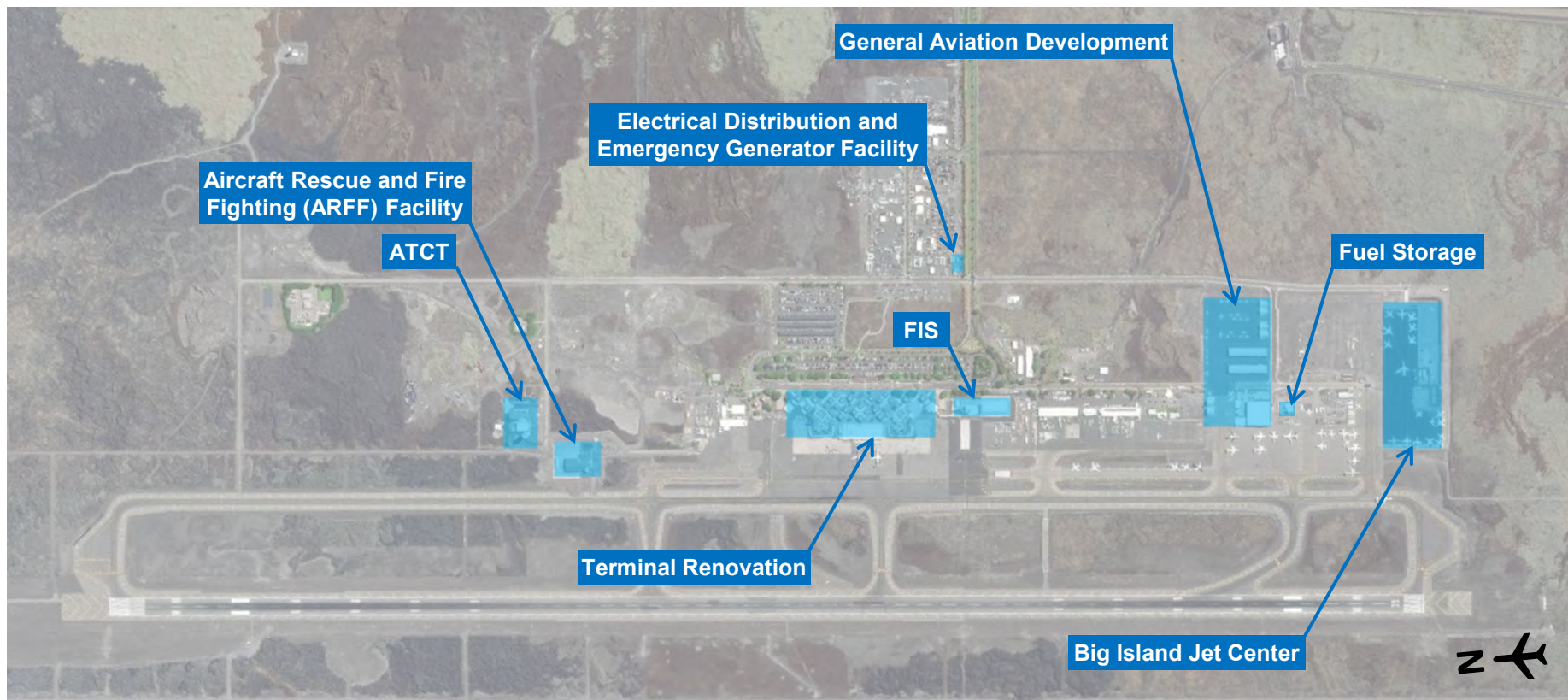
Inventory of Existing Conditions – Terminal



Inventory of Existing Conditions – Landside

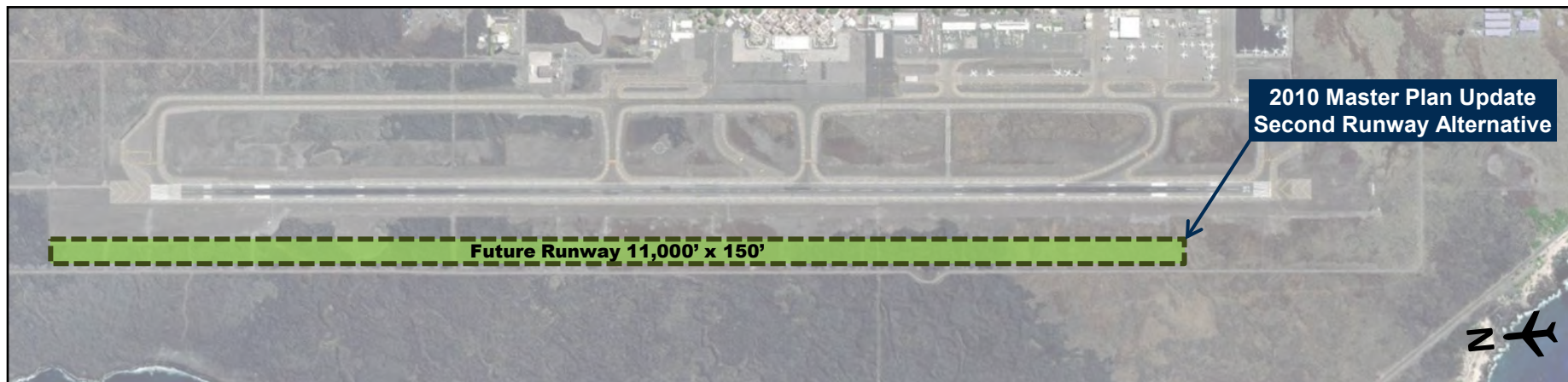


Developments since the 2010 Master Plan



Focus Study on the Second Runway

- Conduct a comprehensive study on a potential second runway, considering recent events, updated aviation activity forecasts, and the need for operational continuity





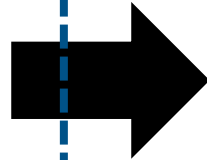
Master Plan Process

Master Plan Process

Understand Airport's Current Conditions

Airport-GIS Survey

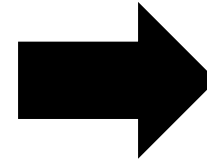
Inventory of Existing Conditions



Evaluate Future Needs

Aviation Activity Forecast

Facility Requirements



Identify Strategic Solutions

Alternatives Development and Evaluation

Facilities Implementation Plan

We are here

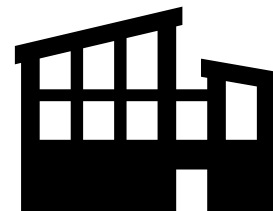


Goals and Objectives

KOA Master Plan Goals



Develop strategies to enhance
airfield safety and improve
landside connectivity



Expand and modernize terminal
facilities to accommodate projected
air service demand while
preserving the Kona sense of place

KOA Master Plan Goals

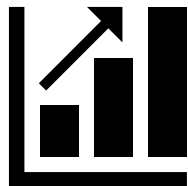
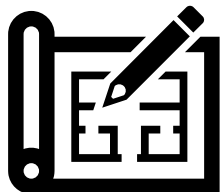


Maximize land use potential through strategic non-aeronautical developments that drive sustainable revenue growth

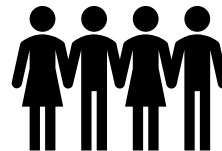


Enhance airport infrastructure to improve readiness and response capabilities for weather disruptions

KOA Master Plan Goals



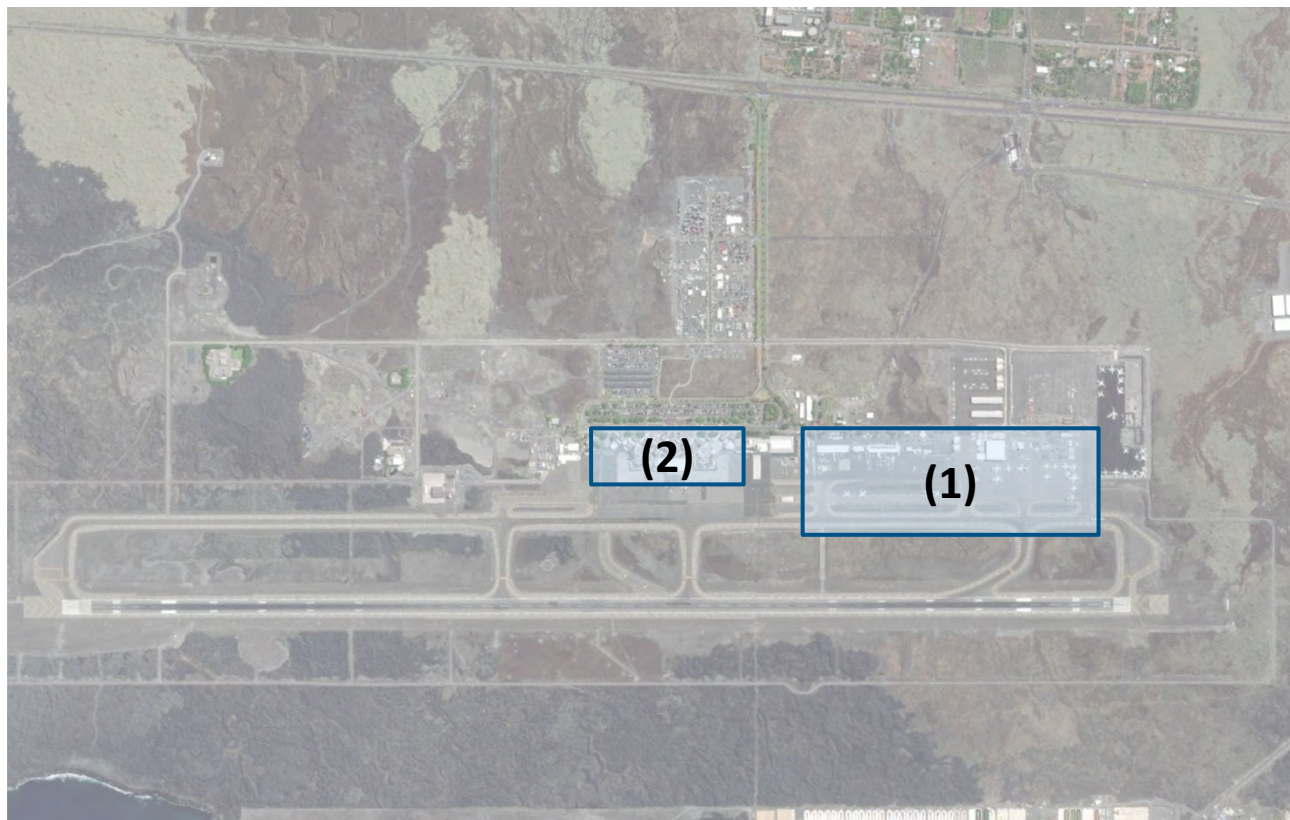
Develop a phased and feasible approach for master plan projects that allows flexibility for adjustments based on future growth projections



Engage with neighboring communities to ensure that the master plan supplements the Kona Community Development Plan

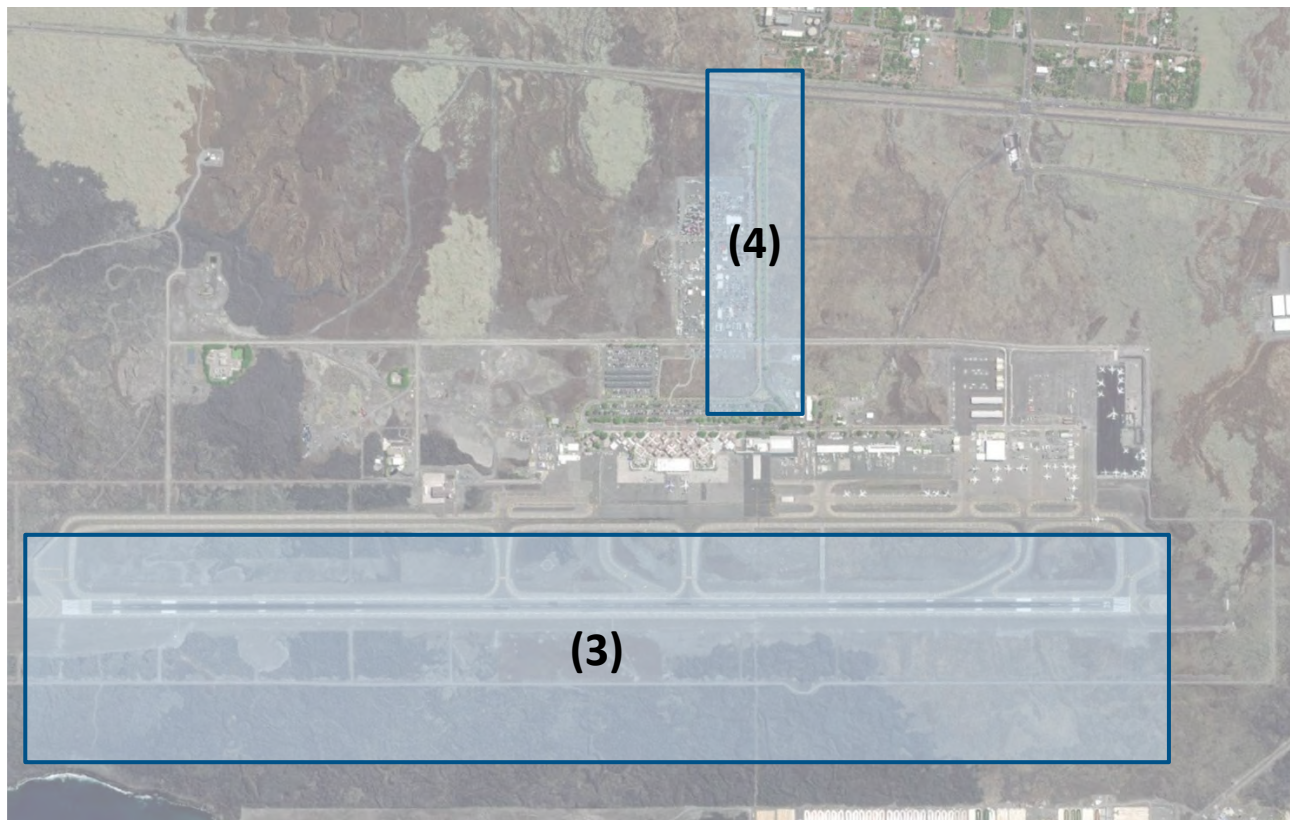
KOA Master Plan Objectives

- 1) Identify measures to **enhance safety for both fixed-wing and rotary-wing activities** at the airport
- 2) Enhance the passenger experience by evaluating travel paths, improving wayfinding, and **modernizing the terminal with expanded amenities**, while preserving the **Kona sense of place**



KOA Master Plan Objectives

- 3) Integrate a **second “right-sized” runway** into the airport’s airside infrastructure to boost operational capacity, continuity, and efficiency
- 4) Enhance landside connectivity by **providing additional airport access points**, reducing congestion, and improving traffic flow



KOA Master Plan Objectives

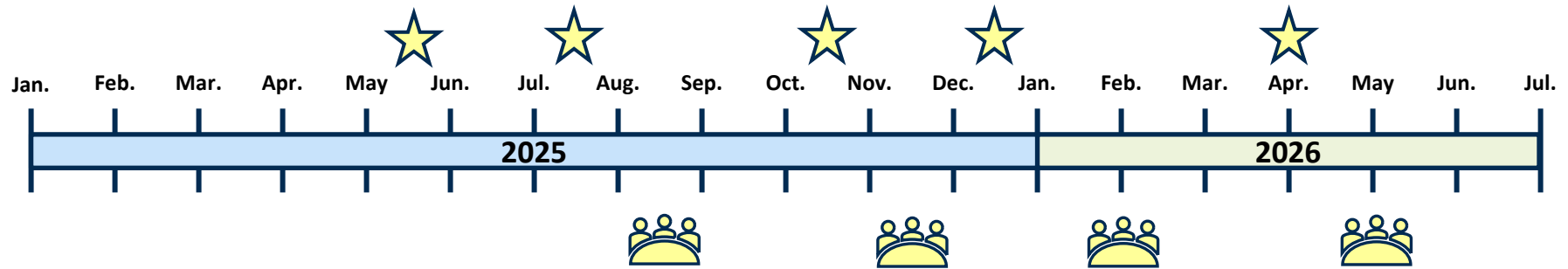
- 5) Ensure **reliable supply of power and jet fuel** to support future airport functions and operations
- 6) Pursue the development of airport lands and facilities in accordance with grant assurances, leveraging **non-aeronautical developments to generate additional revenue**
- 7) Create a **phased implementation plan** that prioritizes key projects while balancing long-term goals, near-term plans (i.e., Terminal Improvements), cost-effectiveness, and funding availability
- 8) Ensure the master plan **supplements the regional development goals** illustrated in the Kona Community Development Plan, reflecting community values and priorities through effective stakeholder engagement



Stakeholder Engagement and Communication

Project Schedule

- Overall project duration: ~18 months
- Public Advisory Committee (PAC) and Technical Advisory Committee (TAC) Combined Meetings (5)
- Public Open Houses (4)

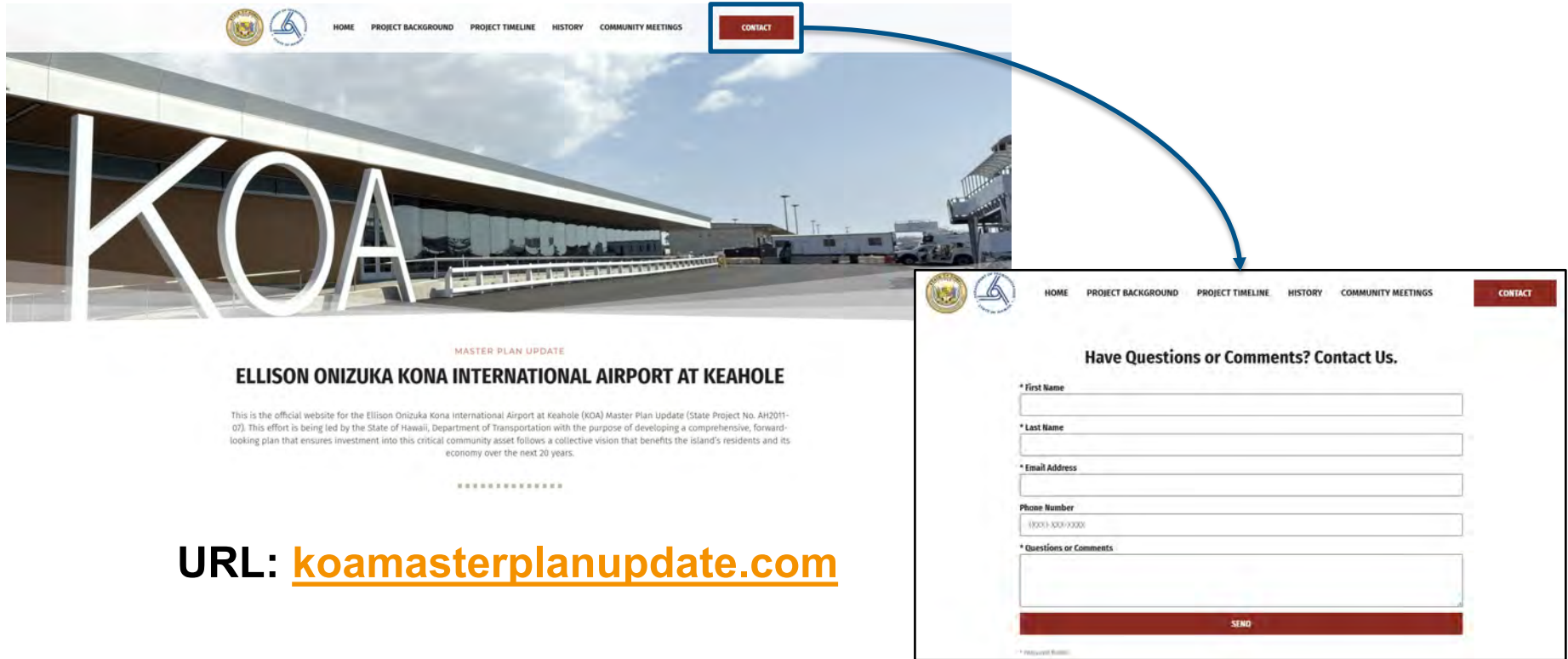


PAC/TAC Combined Meetings (Virtual)



Public Open Houses (In-Person)

Project Website



The image displays a screenshot of the official website for the Ellison Onizuka Kona International Airport at Keahole (KOA) Master Plan Update. The website features a large banner image of the airport terminal with the letters 'KOA' in the foreground. The navigation menu includes links for HOME, PROJECT BACKGROUND, PROJECT TIMELINE, HISTORY, COMMUNITY MEETINGS, and CONTACT. A red box highlights the CONTACT link, with a blue arrow pointing to a detailed view of the contact form on the right. The contact form includes fields for First Name, Last Name, Email Address, Phone Number, and a text area for Questions or Comments, followed by a SEND button.

MASTER PLAN UPDATE

ELLISON ONIZUKA KONA INTERNATIONAL AIRPORT AT KEAHOLE

This is the official website for the Ellison Onizuka Kona International Airport at Keahole (KOA) Master Plan Update (State Project No. AH2011-07). This effort is being led by the State of Hawaii, Department of Transportation with the purpose of developing a comprehensive, forward-looking plan that ensures investment into this critical community asset follows a collective vision that benefits the island's residents and its economy over the next 20 years.

Have Questions or Comments? Contact Us.

* First Name

* Last Name

* Email Address

Phone Number

* Questions or Comments

SEND

URL: koamasterplanupdate.com



Next Steps

Next Steps

- Submit inventory of existing conditions for HDOT's review
- Advance the Airport GIS survey
- Prepare a draft of the updated aviation activity forecast
- **PAC/TAC Combined Meeting #2:**
 - Review results of the draft updated aviation activity forecast

Questions?

Contact Us at: info@koamasterplanupdate.com