

Key West International Airport Master Plan Study

August 15, 2018



Agenda



- Master Plan Definition and Process
- Existing Conditions and Study Area
- Aviation Activity Forecast
- Proposed Short-, Intermediate-, and Long-Term Development
- Airport Layout Plan (ALP)
- Joint Use Review
- Outreach Program
- Next Steps

What is an Airport Master Plan and Why Prepare One?



What is an Airport Master Plan?

“An airport master plan is a comprehensive study of an airport and usually describes the short-, medium-, and long-term development plans to meet future aviation demand.”

– FAA Advisory Circular 150/5070-6B – Airport Master Plans

Why Update the Key West International Master Plan:

- Previous Master Plan was completed in 2003
- Federal Aviation Administration (FAA) recommends updating master plans every 5 to 10 years
- Ensures that the Airport will be able to accommodate future aviation demand
- Keeps the Airport in compliance with FAA requirements to maintain an up-to-date Airport Layout Plan (ALP)

Airport Master Plan Process



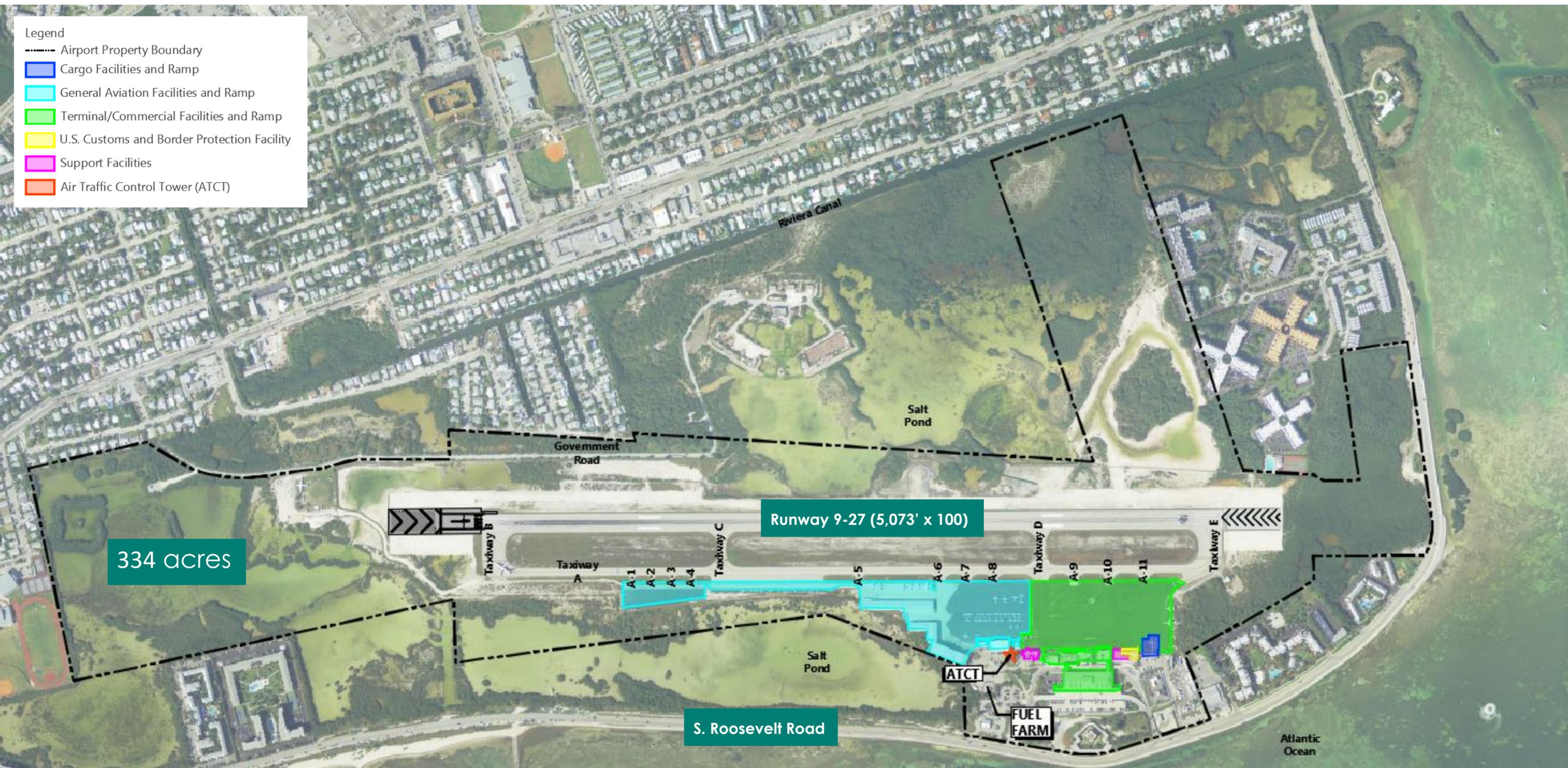
Received FAA approval in August 2016

■ Completed
■ Ongoing

Existing Conditions and Study Area



- Legend
- Airport Property Boundary
 - Cargo Facilities and Ramp
 - General Aviation Facilities and Ramp
 - Terminal/Commercial Facilities and Ramp
 - U.S. Customs and Border Protection Facility
 - Support Facilities
 - Air Traffic Control Tower (ATCT)

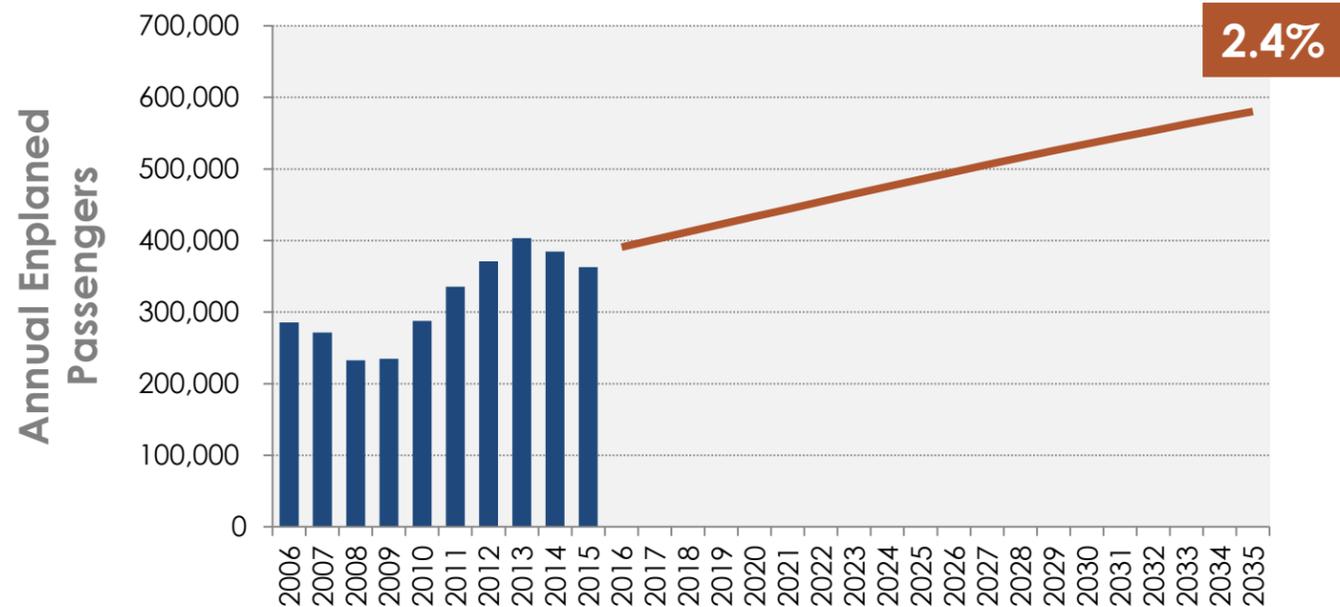


Aviation Forecasts (Approved by FAA on August 2016)

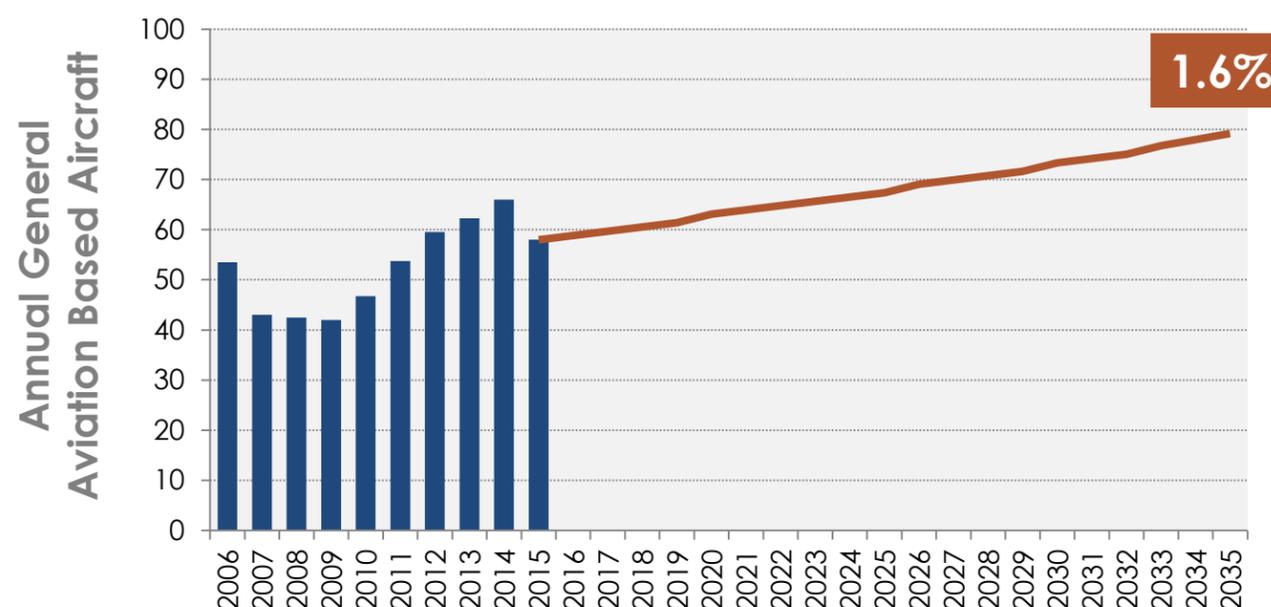


The approved forecasts drove the proposed Master Plan development.

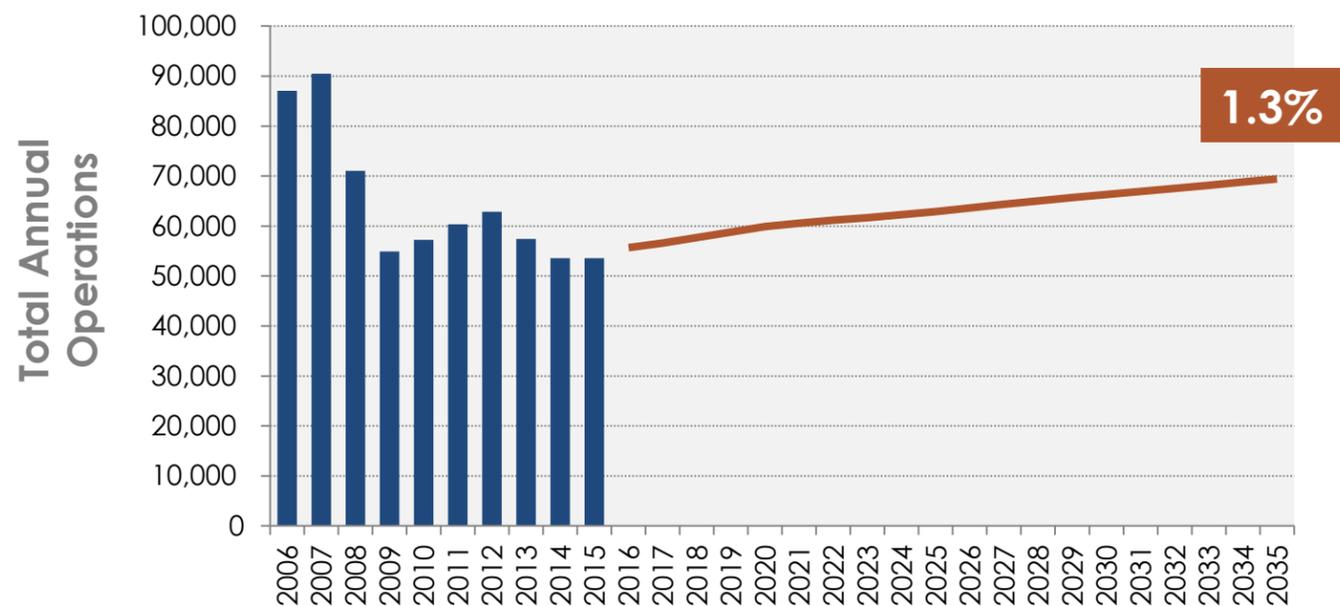
COMMERICAL - ENPLANEMENTS



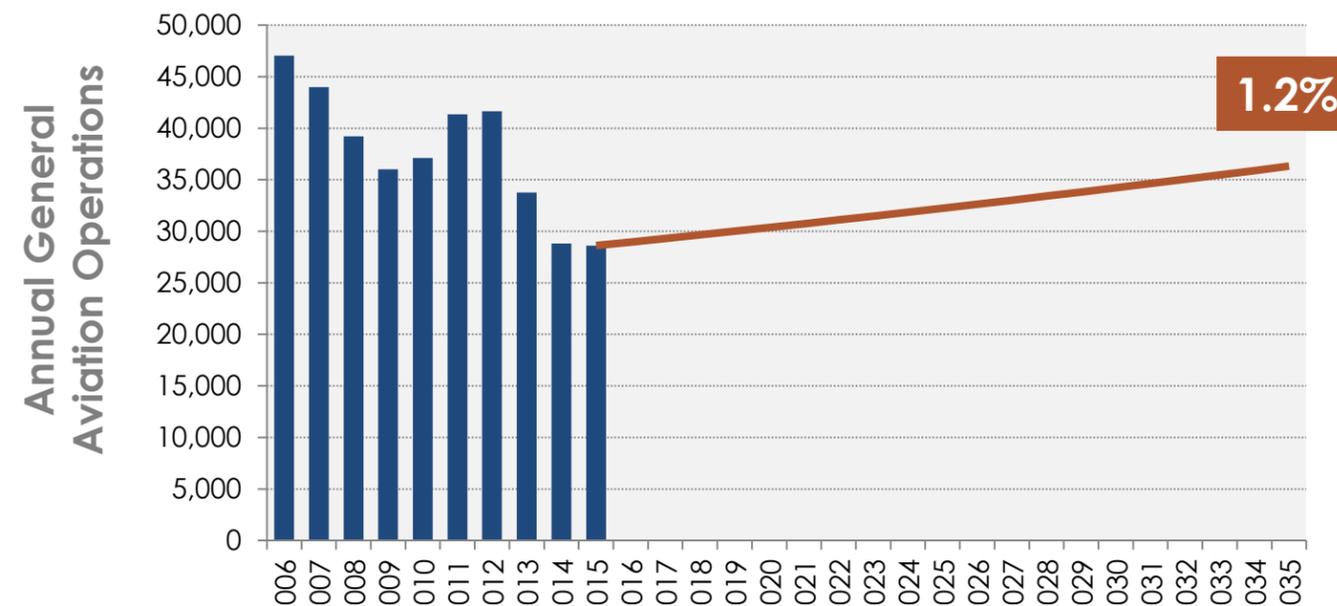
GENERAL AVIATION - BASED AIRCRAFT



COMMERICAL - OPERATIONS



GENERAL AVIATION - OPERATIONS



LEGEND

■ Historical

— Master Plan Forecast

Sources: FAA, April 2016 (historical); Ricondo & Associates Inc., McFarland Johnson, Inc., May 2016 (forecast).

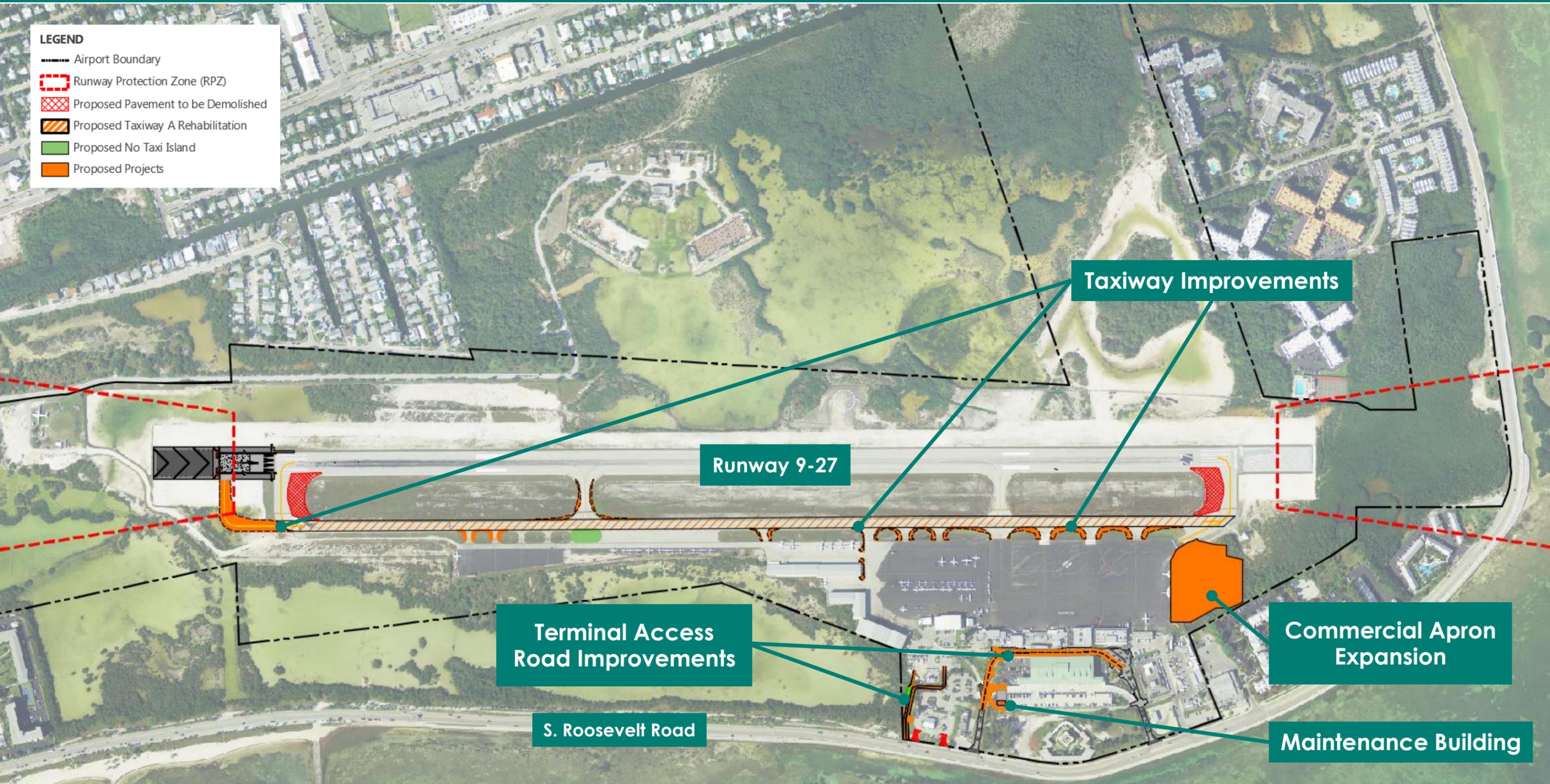
Proposed Short-Term Development



(0 - 5 Year Horizon)

LEGEND

- Airport Boundary
- Runway Protection Zone (RPZ)
- ▨ Proposed Pavement to be Demolished
- ▨ Proposed Taxiway A Rehabilitation
- Proposed No Taxi Island
- Proposed Projects



Taxiway Improvements

Runway 9-27

Terminal Access Road Improvements

S. Roosevelt Road

Commercial Apron Expansion

Maintenance Building

Proposed Intermediate-Term Development



(6 - 10 Year Horizon)

LEGEND

- Airport Boundary
- Runway Protection Zone (RPZ)
- Existing No Taxi Island
- Proposed Projects



Runway 9-27

Terminal Expansion

S. Roosevelt Road

Public Parking Lot

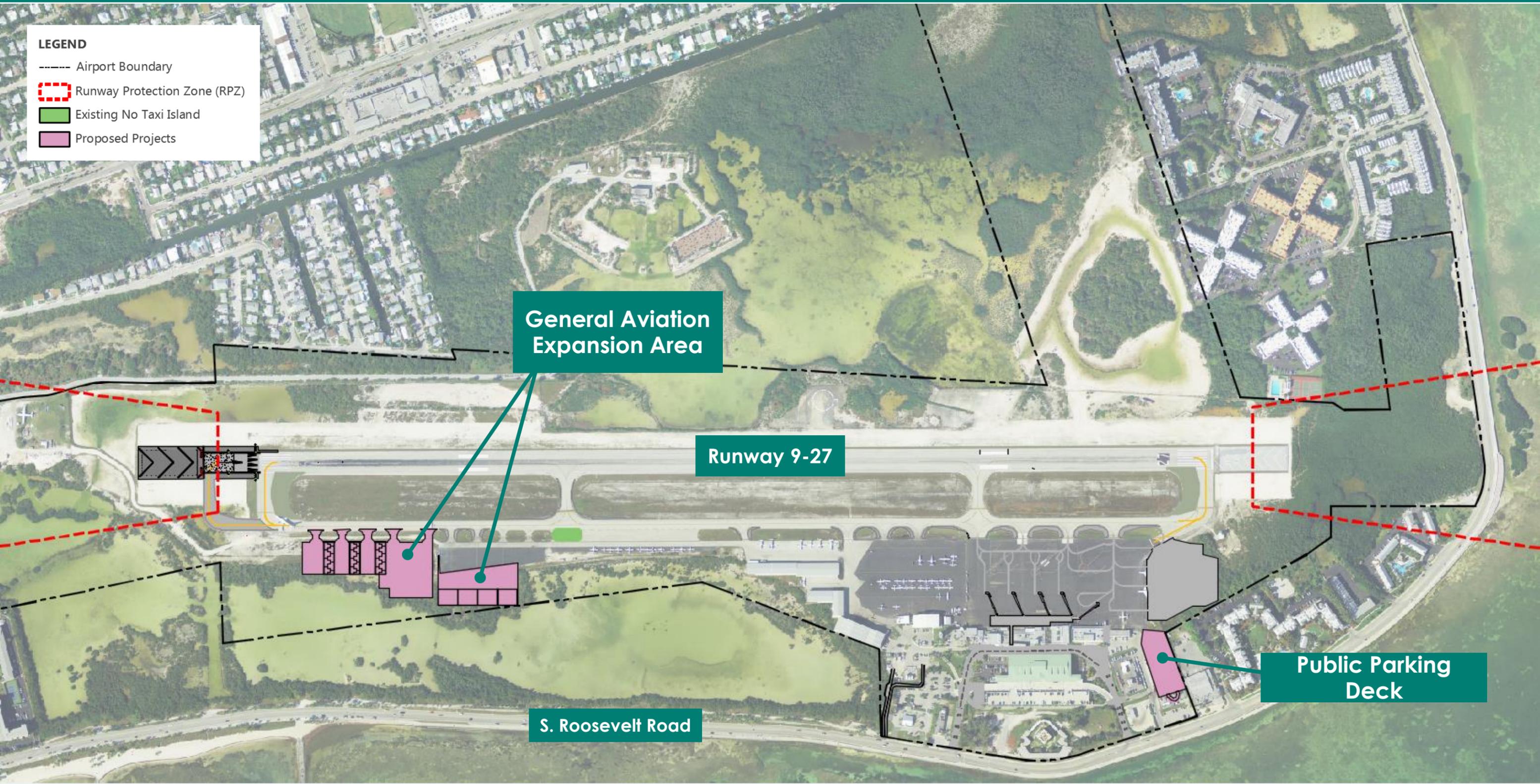
Proposed Long-Term Development



(11 - 20 Year Horizon)

LEGEND

- Airport Boundary
- Runway Protection Zone (RPZ)
- Existing No Taxi Island
- Proposed Projects



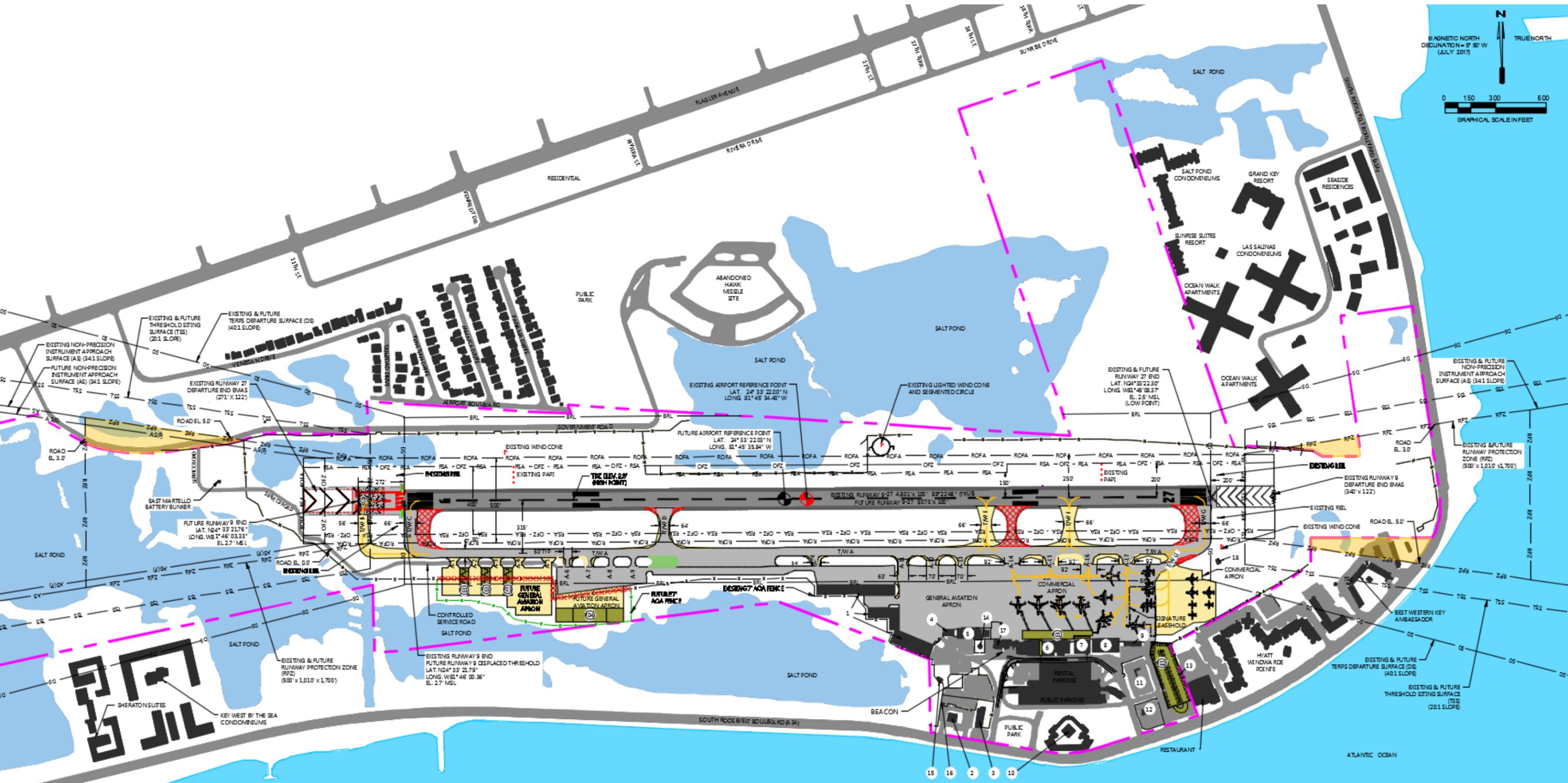
**General Aviation
Expansion Area**

Runway 9-27

S. Roosevelt Road

**Public Parking
Deck**

Airport Layout Plan (ALP)



Joint Use Review



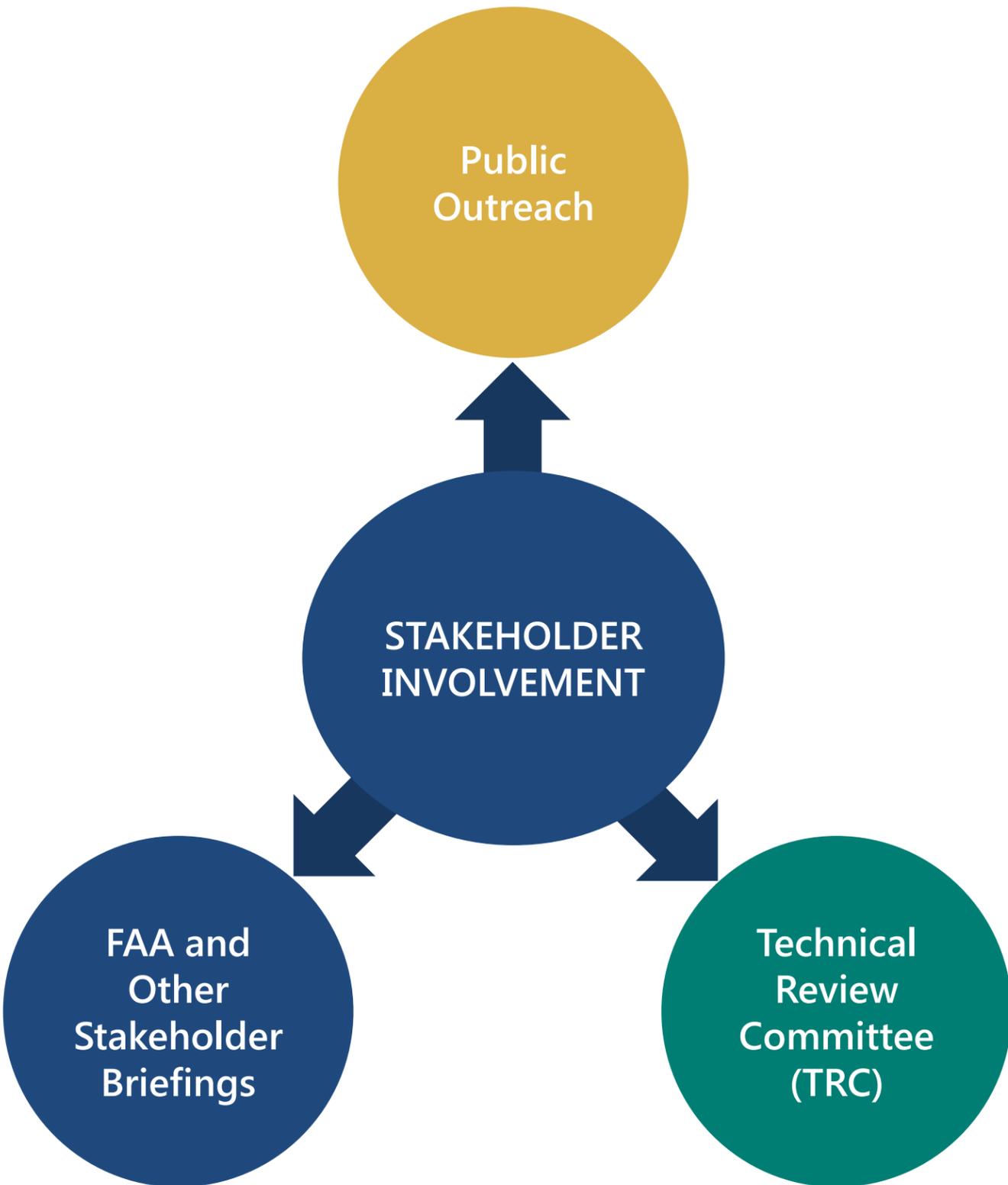
Joint-Use Viability Review

- Joint Military and Commercial Airline Use Only
- Review of Existing Documentation and Informal Coordination with Naval Air Station Personnel
- Identified Areas with Particular Operational Challenges (aircraft operational requirements, security, developable land, facility requirements)
- Further Development and Study of Joint-Use Concept Would be Required



Aerial Image: Google Earth Pro, 2017; Landsat/Copernicus, 2017; TerraMetrics, 2017 (aerial photography - for visual reference only, may not be to scale).

Stakeholder Involvement and Public Outreach



PUBLIC OUTREACH

<p>PUBLIC MEETING #1: NOVEMBER 1, 2016</p> <p>Master Plan Process Aviation Activity Forecasts</p>	<p>PUBLIC MEETING #2: JANUARY 19, 2018</p> <p>Facility Requirements Development Alternatives</p>	<p>PUBLIC MEETING #3: JUNE 14, 2018</p> <p>Preferred Development Layout Implementation Plan and Financial Feasibility</p>
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TECHNICAL REVIEW COMMITTEE (TRC)

<p>TECHNICAL REVIEW COMMITTEE MEETING #1: JUNE 16, 2016</p> <p>Inventory Aviation Activity Forecasts</p>	<p>TECHNICAL REVIEW COMMITTEE MEETING #2: NOVEMBER 2, 2016</p> <p>Facility Requirements Development Alternatives</p>	<p>TECHNICAL REVIEW COMMITTEE MEETING #3: MAY 23, 2017</p> <p>Preferred Development Layout Environmental Overview Preferred Development Plan</p>
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Next Steps



BOCC approval of final recommendations and airport layout plan

- Revise plan and documentation as necessary

Submit Airport Master Plan Update and ALP set to:

- Federal Aviation Administration (FAA)
- Florida Department of Transportation (FDOT)

Closeout project upon receipt of FAA and FDOT approvals