



HALF MOON BAY AIRPORT

Airport Layout Plan (ALP) Update &
Narrative Report



Half Moon Bay Airport

OVERVIEW

What is an Airport Layout Plan (ALP)?

What is the purpose of an ALP?

What is the difference between an ALP and an Airport Master Plan?

Why is the ALP being updated?

What is the Scope of Work?

How does the public interact?

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What is an Airport Layout Plan (ALP)?

An ALP is a scaled drawing of existing and proposed land *and* facilities necessary for the operation and development of the airport.

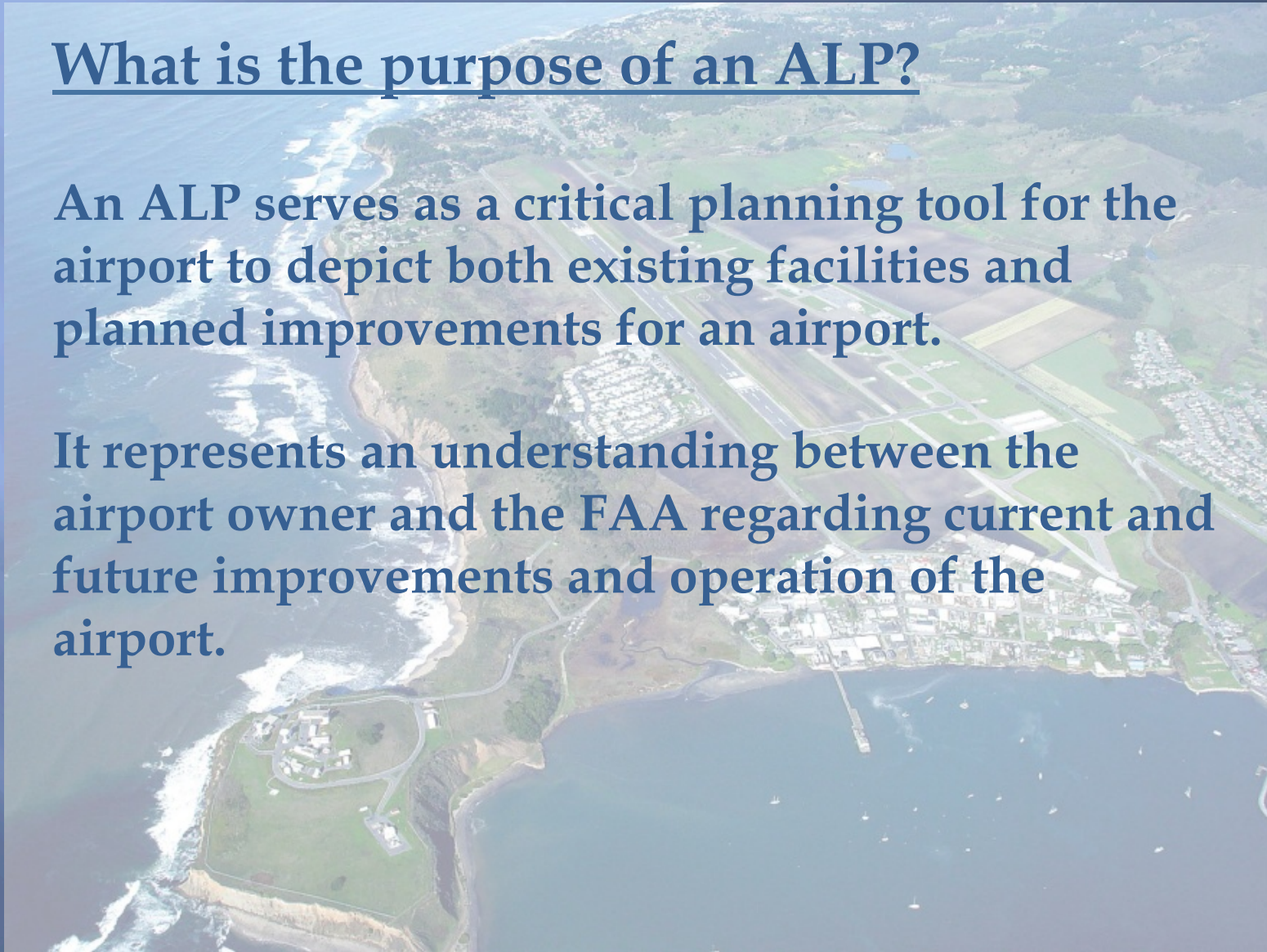


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What is the purpose of an ALP?

An ALP serves as a critical planning tool for the airport to depict both existing facilities and planned improvements for an airport.

It represents an understanding between the airport owner and the FAA regarding current and future improvements and operation of the airport.



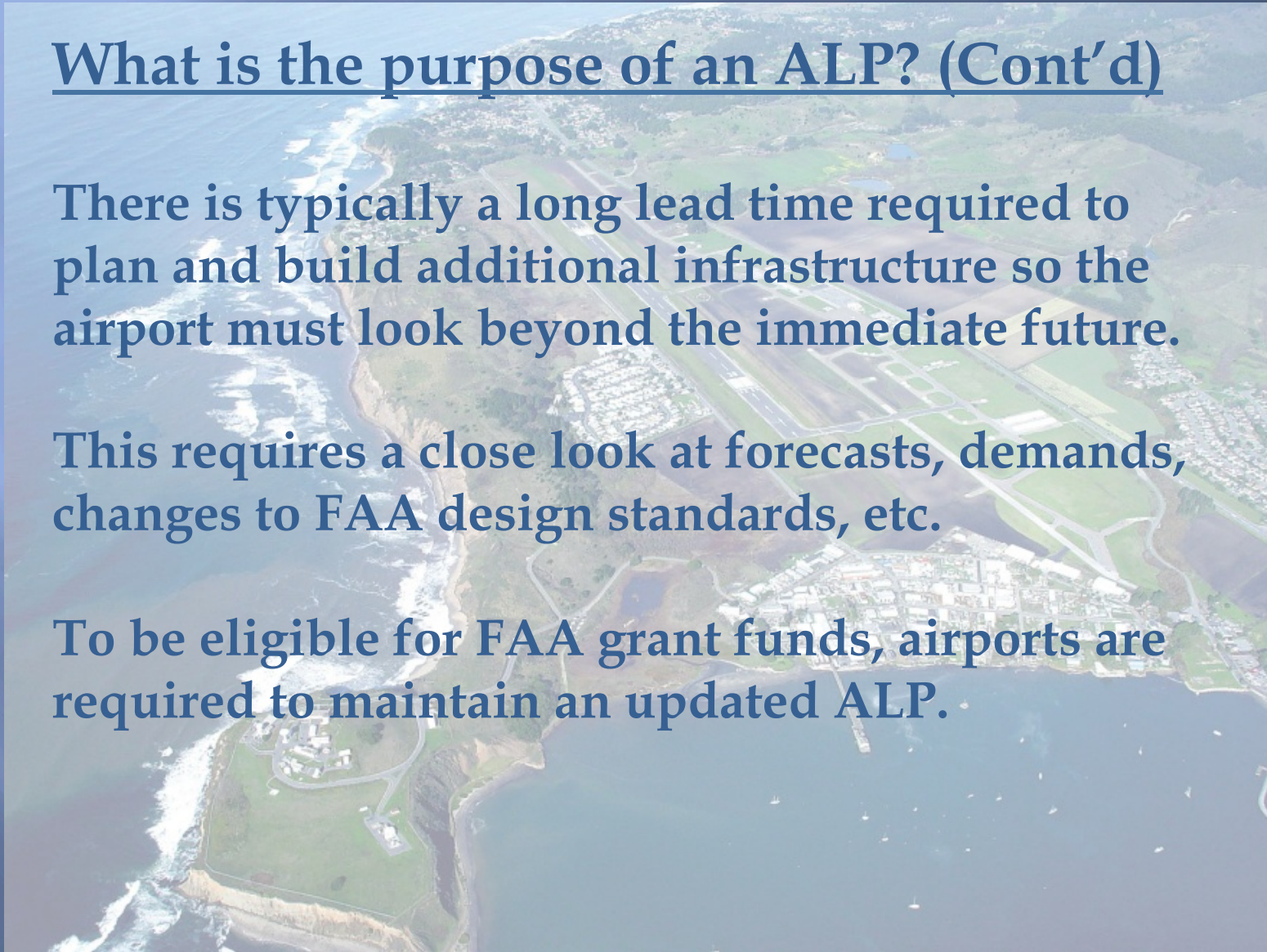
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What is the purpose of an ALP? (Cont'd)

There is typically a long lead time required to plan and build additional infrastructure so the airport must look beyond the immediate future.

This requires a close look at forecasts, demands, changes to FAA design standards, etc.

To be eligible for FAA grant funds, airports are required to maintain an updated ALP.

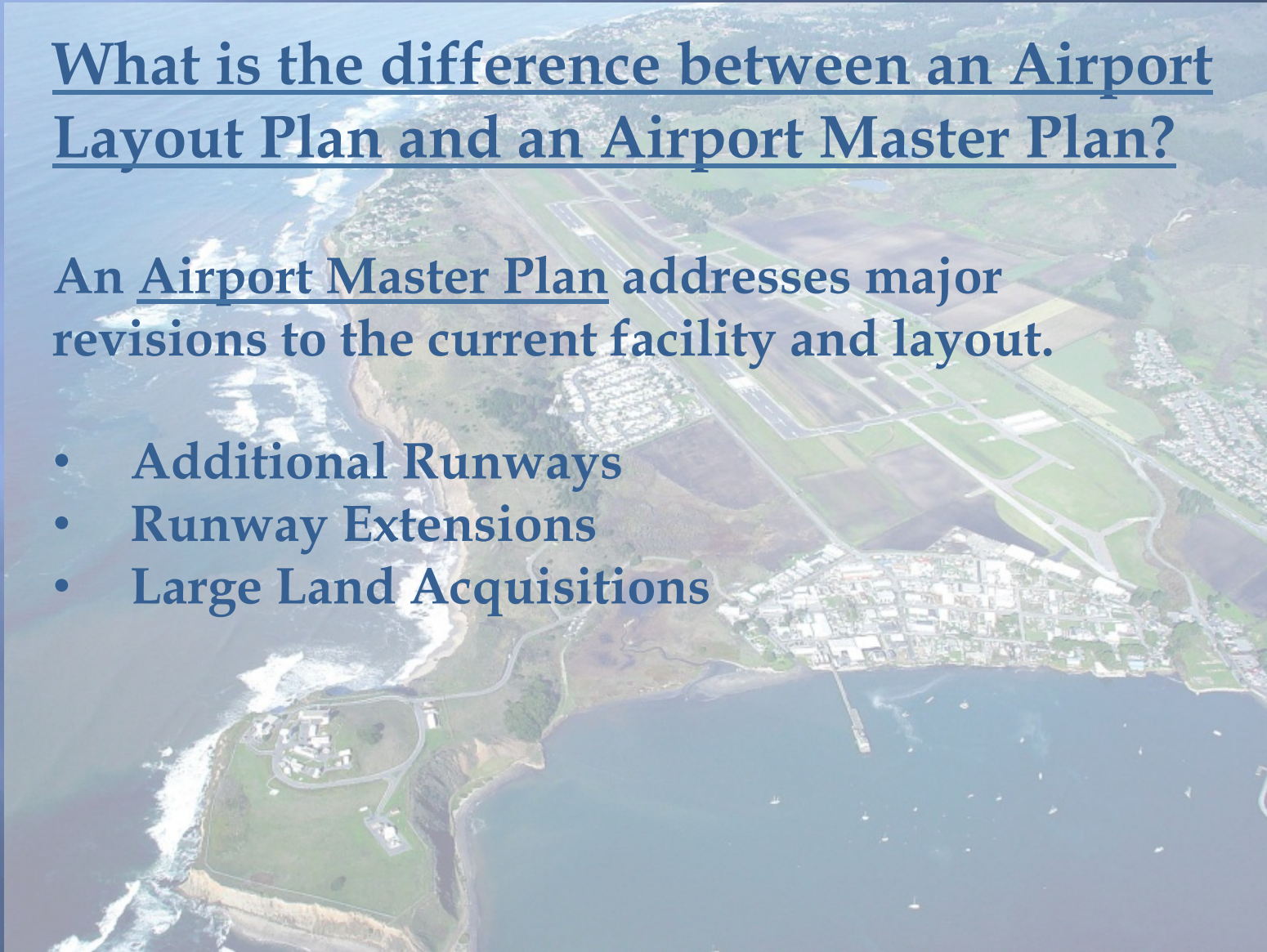


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What is the difference between an Airport Layout Plan and an Airport Master Plan?

An Airport Master Plan addresses major revisions to the current facility and layout.

- Additional Runways
- Runway Extensions
- Large Land Acquisitions



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What is the difference between an Airport Layout Plan and an Airport Master Plan?

An Airport Layout Plan is used to:

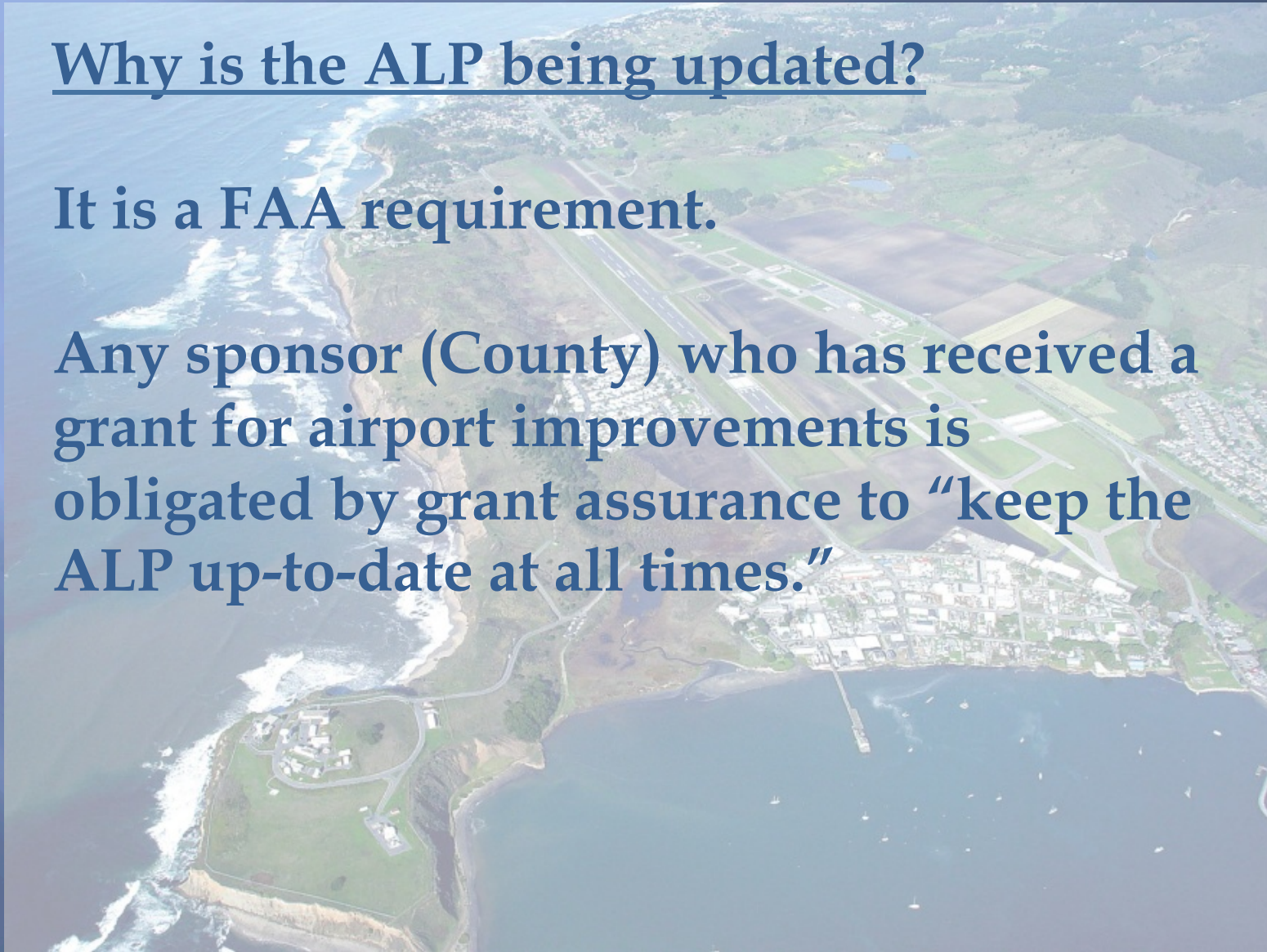
- Make revisions to drawings in order to document changes of the airport (updating drawings after completion of a recent Airport Improvement Project).
- Propose new improvements to meet new FAA design standards or demands. (These projects are only completed in accordance with a FAA approved ALP).

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Why is the ALP being updated?

It is a FAA requirement.

Any sponsor (County) who has received a grant for airport improvements is obligated by grant assurance to “keep the ALP up-to-date at all times.”



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ALPs become “out of date” when they:

- Do not adequately provide for future needs
- Do not conform to current airport design standards
- Do not accurately reflect existing features
- Do not reflect airport and critical land use changes that may affect navigable airspace



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What Applies to the Half Moon Bay Airport (HAF)?

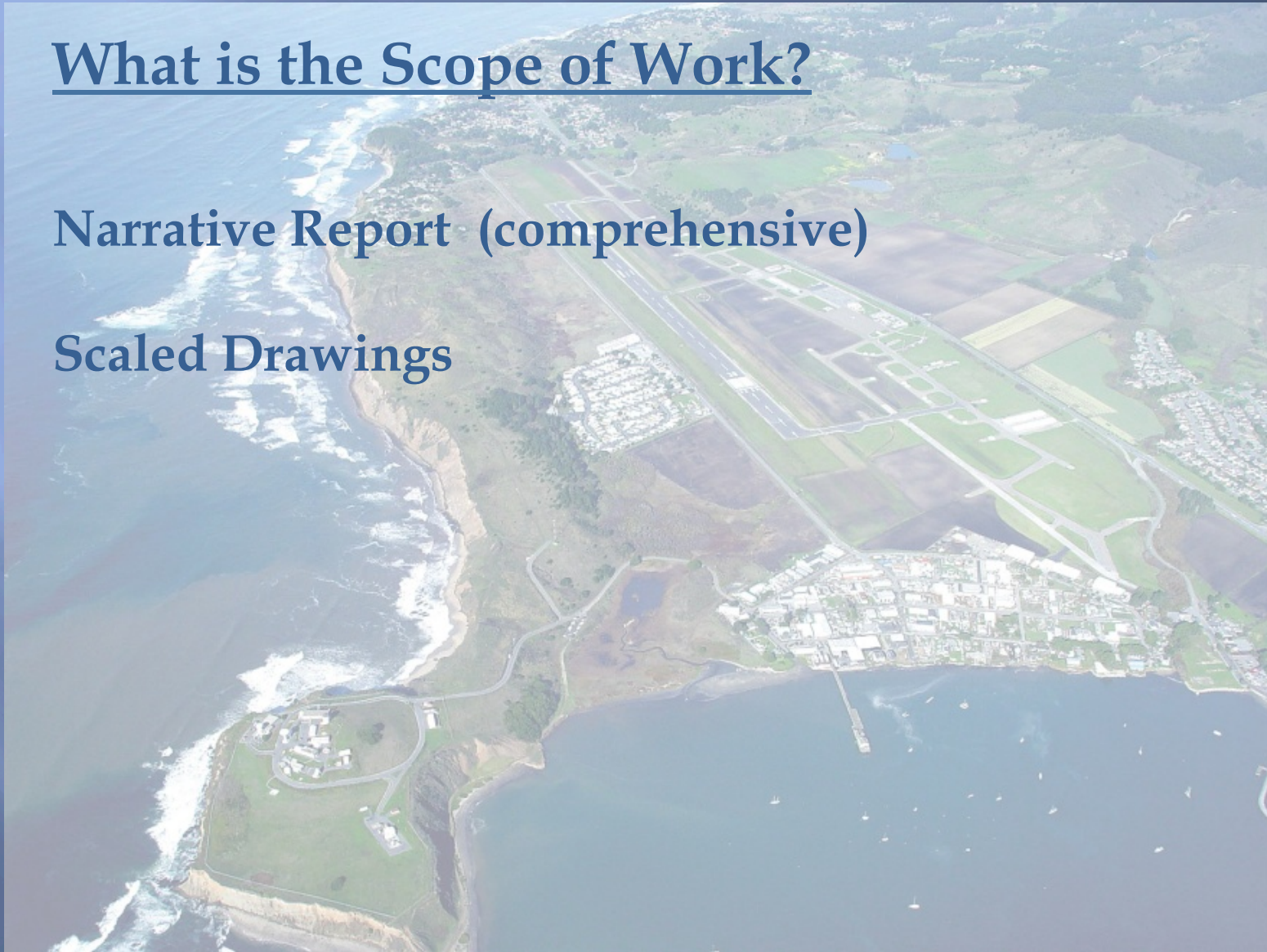
- Much of the existing data and forecasts are out of date.
 - This will be updated and also used in the Airport Land Use Compatibility Plan
- A close review will determine if the airport meets current design standards.
- The update will identify if the airport has maximum efficiency and capacity to meet forecasted demand.

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What is the Scope of Work?

Narrative Report (comprehensive)

Scaled Drawings



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What is the Scope of Work?

Narrative Report-

Inventory physical facilities

- Airfield - make record of pavement strength and conditions of infrastructure such as runway, taxiways and aprons; review the lighting and NAVAID systems
- Fixed Based Operators (FBOs)
- Supplementary facilities (other businesses on the airport)

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What is the Scope of Work? (Cont'd)

- Evaluate existing documents
 - Previous ALP, previous Draft Airport Master Plan (1997), regional aviation forecasts, CLUP, etc.
- Obtain new aerial photography and mapping
- Inventory air traffic activity
 - Obtained by County, FAA Regional Offices, CALTRANS and FBOs
- Inventory Local Socioeconomic Data
- Review Regional Aviation and Socioeconomic Forecasts

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What is the Scope of Work? (Cont'd)

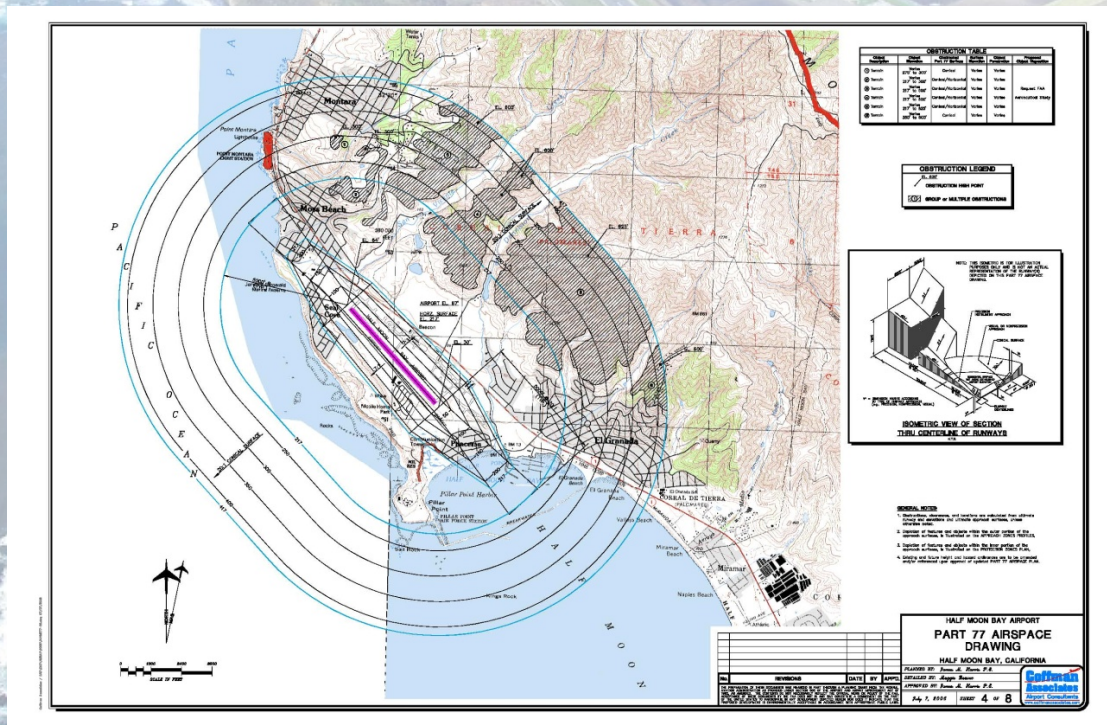
Prepare:

- Aviation Demand Forecasts
- Airfield and Landside Facility Requirements
- Recommended Development Concept
- Airport Development Schedules and Cost Estimates
- Capital Improvement Program
- Draft Narrative Report
- Meetings with County, Airport Users, FAA or other agencies as necessary
- Prepare Final Narrative Report

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What is the Scope of Work? (Cont'd)

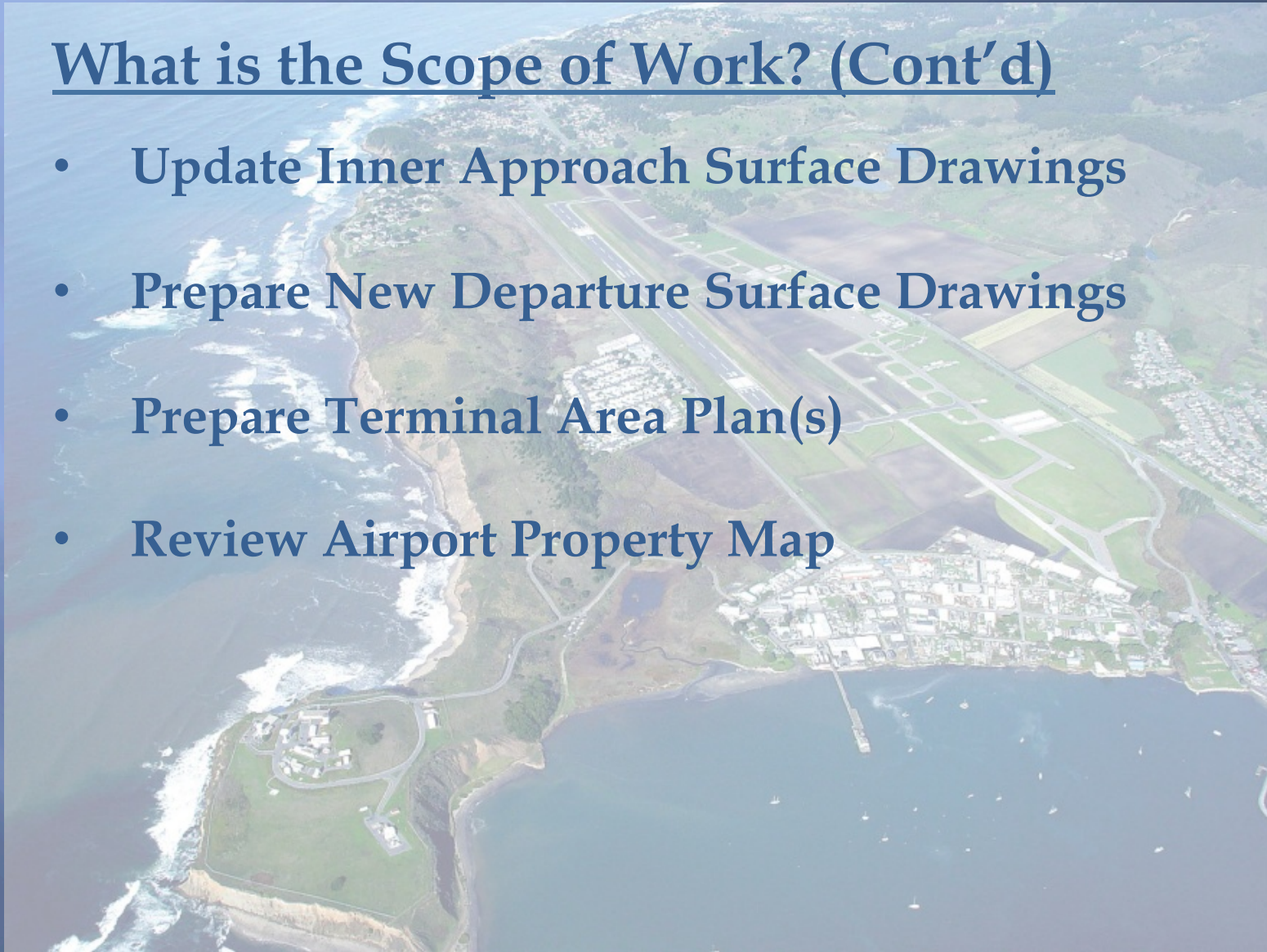
- Update Airspace Drawing



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What is the Scope of Work? (Cont'd)

- Update Inner Approach Surface Drawings
- Prepare New Departure Surface Drawings
- Prepare Terminal Area Plan(s)
- Review Airport Property Map



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What is the Scope of Work? (Cont'd)

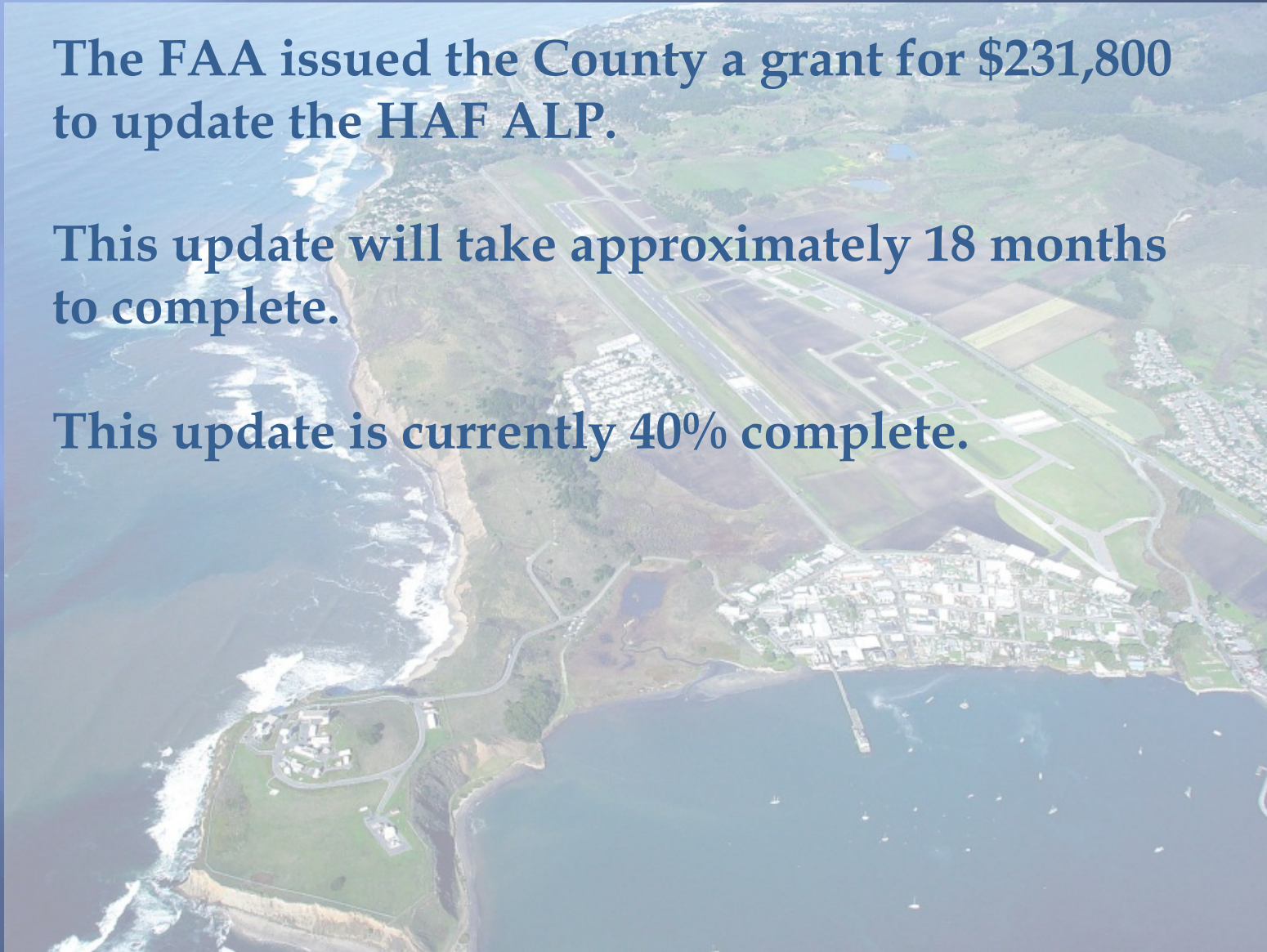
- Preparation of Draft ALP and Draft ALP Drawing Set
 - County, FAA and CALTRANS will Review
- Preparation of Final ALP and Final ALP Drawing Set
 - Board of Supervisors for Approval
 - Public Participation
 - FAA Approval

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The FAA issued the County a grant for \$231,800 to update the HAF ALP.

This update will take approximately 18 months to complete.

This update is currently 40% complete.



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Thank You.

Contact:

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