

# PDX 2045 Planning Advisory Committee

Meeting #1

May 20, 2024

# Meeting goals

- Convene the PDX 2045 Planning Advisory Committee (PAC) for our first meeting!
- Team member meet and greet
- Learn about the Port of Portland
- Learn the basics of an Airport Master Plan
- Discuss the PAC charter and working agreement
- Learn what to expect next

# Agenda

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Time	Topic
6:00 PM	Welcome and Introductions
6:35 PM	Port of Portland Introduction
6:50 PM	Airport Master Planning 101
7:10 PM	Break
7:15 PM	Public Comment (if needed)
7:15 PM	PAC Charter
7:25 PM	PAC Working Agreement
7:50 PM	PAC Work Plan and Next Steps

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# Meet and greet

- Name and pronouns
- Write a sticky note (or add to your name, if on Zoom) with a term or phrase that represents you, and add to your nametag



# Move with Purpose: Port of Portland Intro

**We're an economic engine for our region, creating opportunity for everyone who lives and works here**



**We move with  
purpose to make  
big things happen**



# Our property footprint



Troutdale Reynolds Industrial Park

Troutdale Airport

Gresham Vista Business Park

Portland International Airport

Portland International Center

Terminal 2

Hillsboro Airport

West Hayden Island

Swan Island

Terminal 6

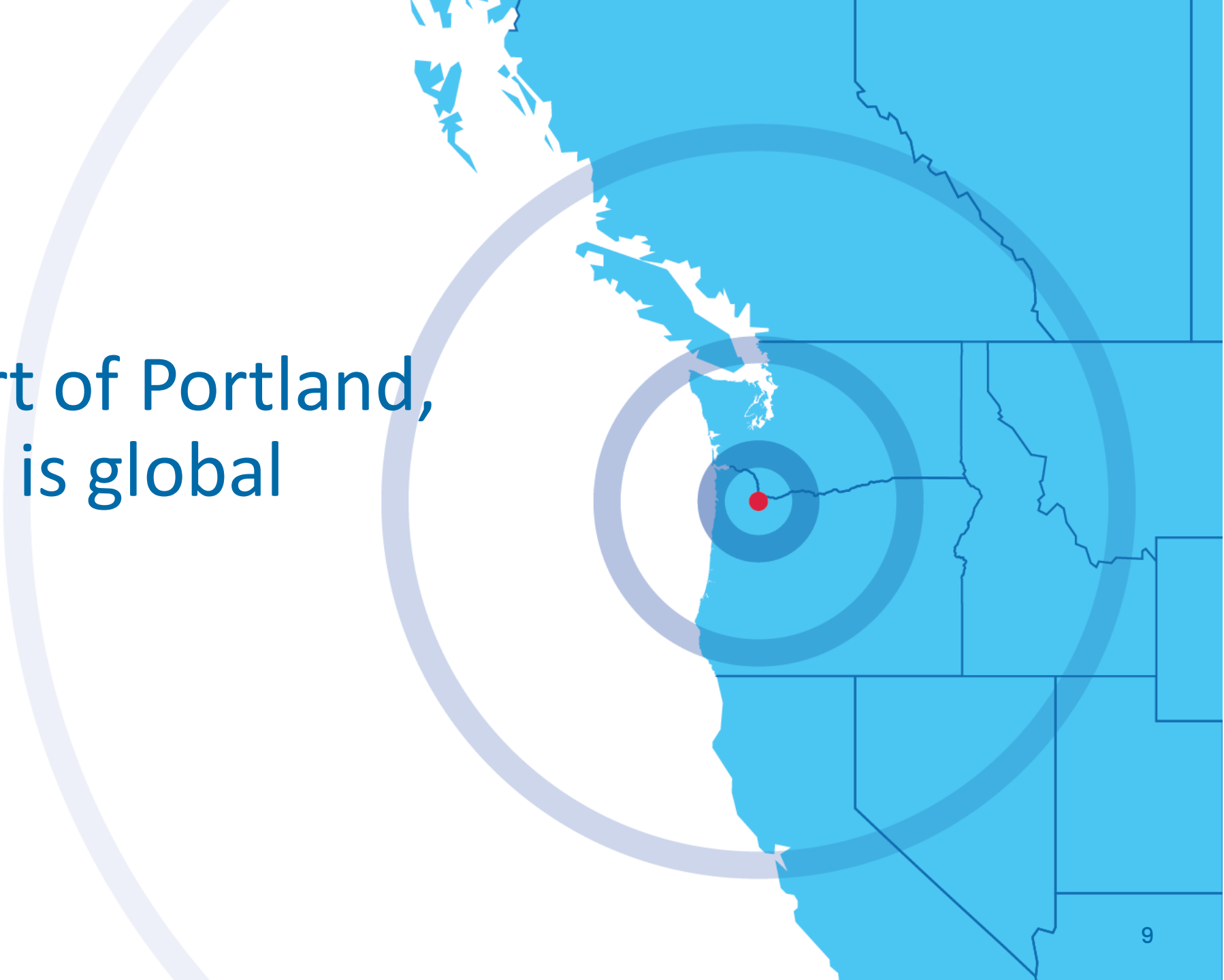
Rivergate Industrial District

Terminal 4

Terminal 5



We're the Port of Portland,  
but our reach is global



# The Port's economic impact

- The Port contributes \$9.7 billion in annual GDP
- The Port supported nearly 100,000 jobs in 2021
- 61,045 jobs were in the Portland MSA (57,644 Oregon side)\*
- Nearly 900 across the rest of Oregon and more than 1,000 across the rest of Washington\*



# Making local businesses global

- Pacific NW businesses get their products shipped around the world – from Nikes and wheat to cherries and cheese
- Marine terminals support thousands of family-wage jobs, many of which don't require a college degree



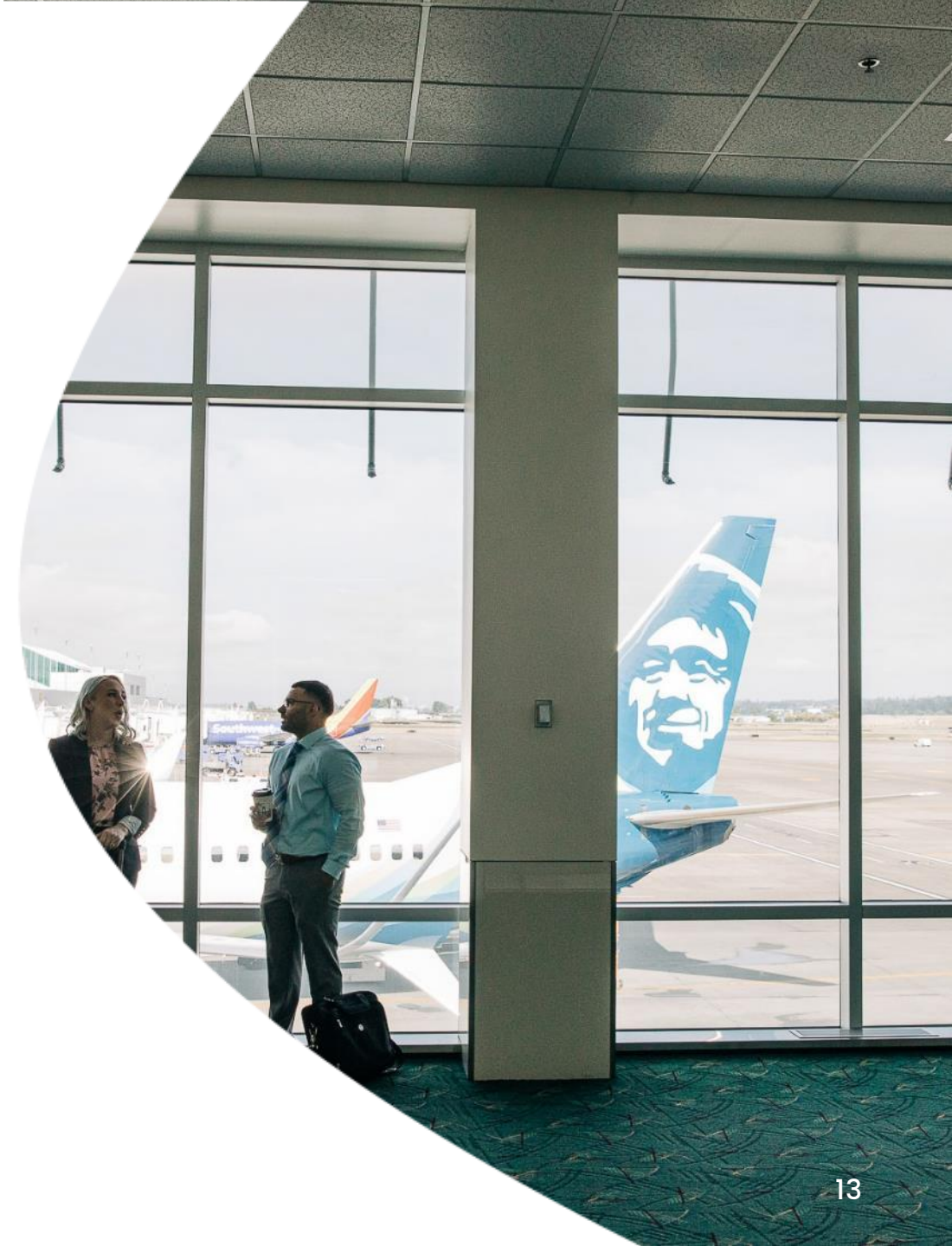
# Helping local businesses grow

- Commitment to designating 20% of Port contracts to small businesses
- Pathways for local food and retail businesses to set up shop at PDX
- Mentor Protégé Program pairs emerging businesses with established industry leaders for three years of strategy support



# PDX: Connecting Portland to the world

- Creating regional connections and supporting tourism
- Driving economic growth with thousands of quality jobs
- Lowering our carbon footprint and reducing emissions at PDX
- Ensuring PDX is welcoming and accessible



# What makes PDX different

- Commitment to sustainability in planning & operations
- Emphasis on maximizing efficiency before building new capacity



# PDX at-a-glance



**3**

Runways

**31**

Airlines

**50**

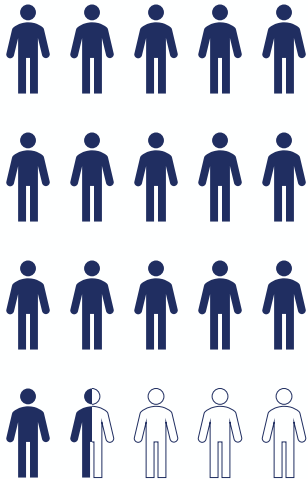
Gates

**3,360**

Acres

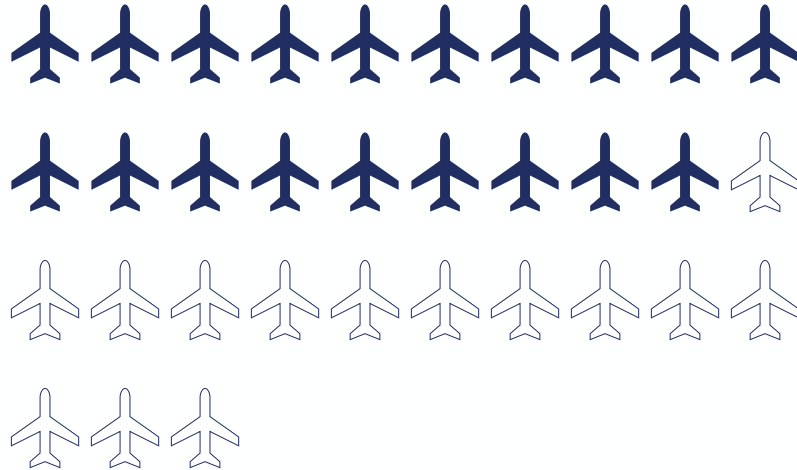
# In 2023 at PDX...

There were ~16.5 million annual passengers.



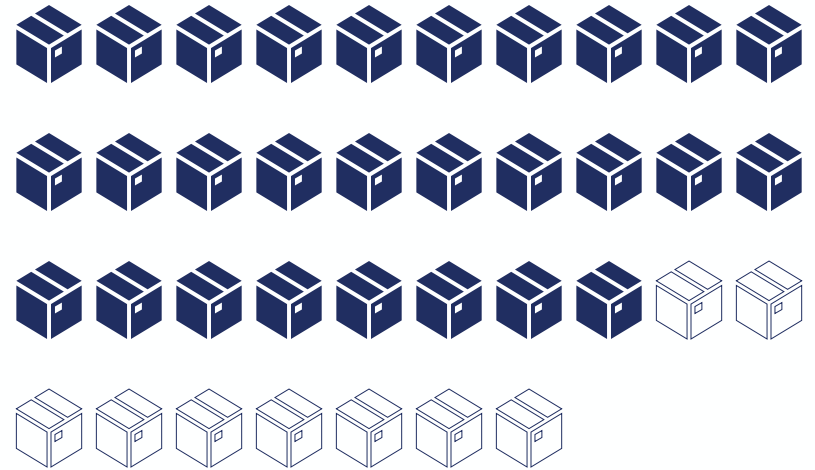
The historic high:  
~20 million in 2019

There were ~190,000 takeoffs and landings.



The historic high:  
~330,000 in 1997

There were ~280,000 metric tons of cargo processed.



The historic high:  
~370,000 in 1997



# Q&A

# Airport Master Planning 101

# What is an airport master plan?

## “**FAA Definition**

A comprehensive study of an airport that defines and describes the short-, medium-, and long-term development plans to meet future aviation demand.”

## “**Master Plan Goal**

Provide the framework needed to guide future airport development that will cost-effectively satisfy aviation demand, while considering environmental and socioeconomic impacts.”

# Projects benefits & needs



## Maintain Existing Facilities

Invest in existing facilities to prolong useful life or develop new facilities to increase flexibility.



## Aircraft Gates

Provide the appropriate number of international and domestic gates to service future airline.



## Passenger and Baggage Processing

Assess processing areas to optimize capacity and passenger throughput.



## Federal Processing

Expand International Arrivals capacities to meet anticipated demand levels.



## Landside Capacity

Provide additional means of managing vehicular traffic to relieve the congested roadway systems.



## Customer Experience

Maintain the “best-in-class” reputation of PDX. Enhance services and offerings for customers.



## Airside Optimization

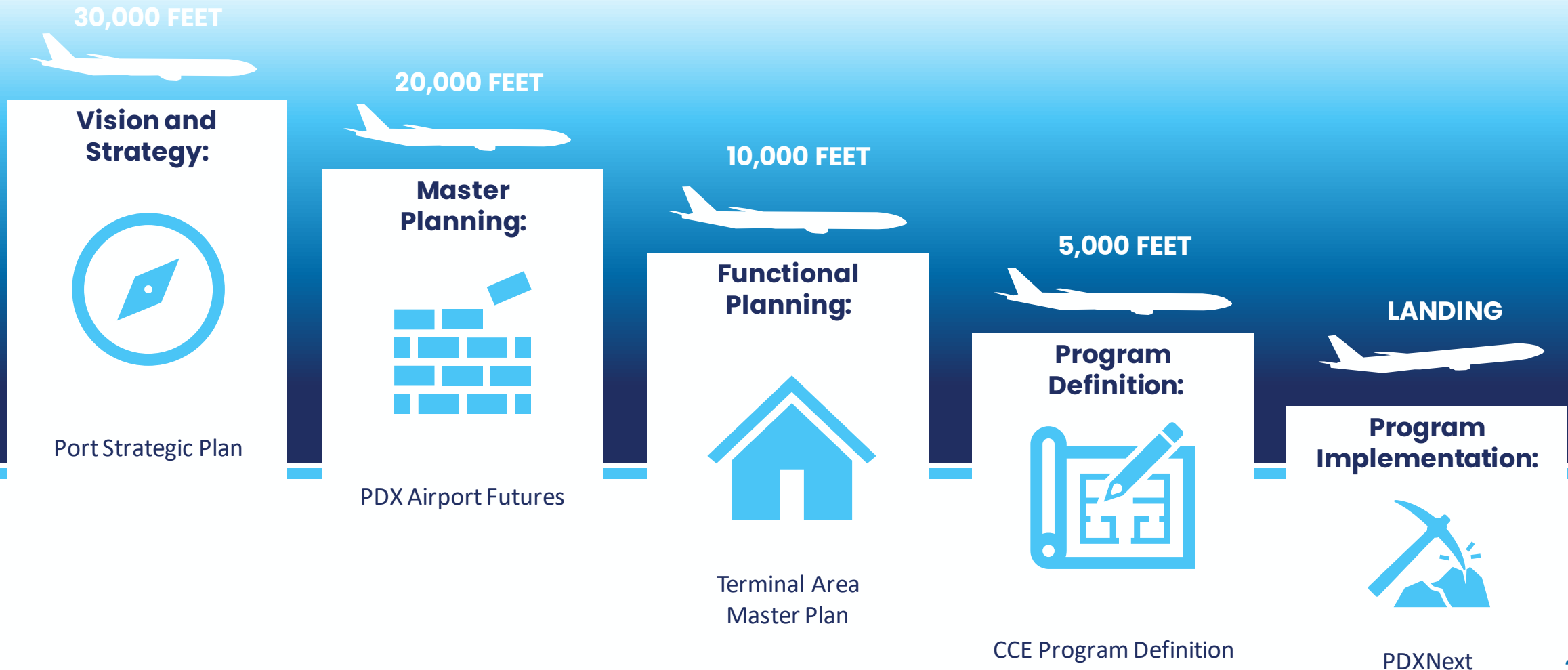
Identify the appropriate airfield facilities needed for future activity.



## Support Facilities

Functions not associated with airfield, terminal, and landside improvements.

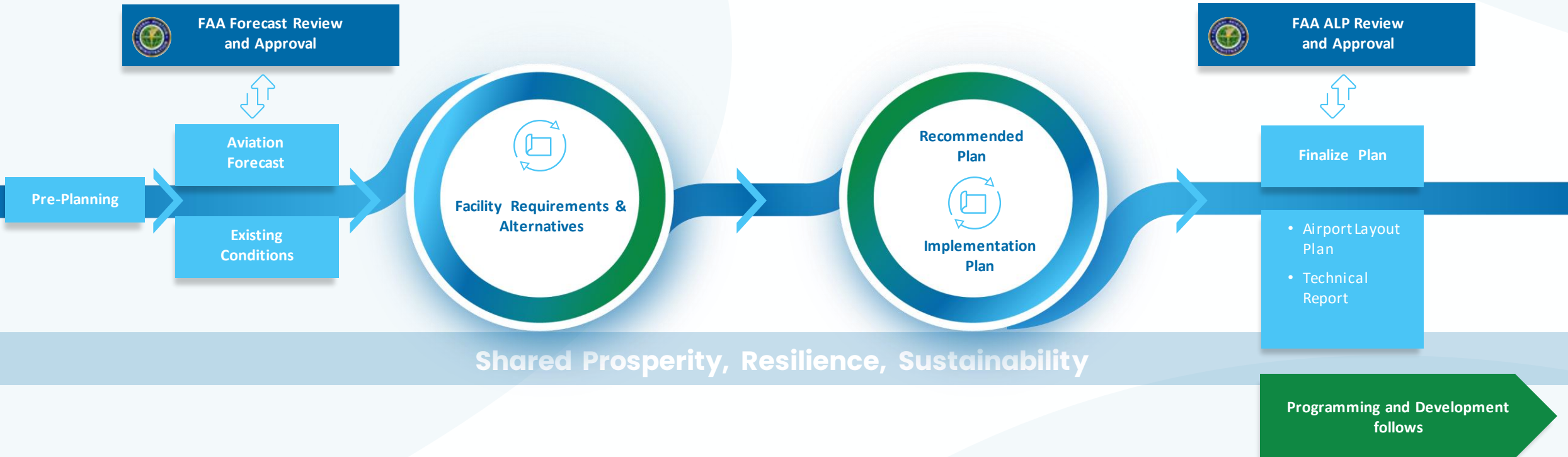
# Different stages and levels of planning



# Typical master planning process

Vision Planning Precedes

## STAKEHOLDER ENGAGEMENT

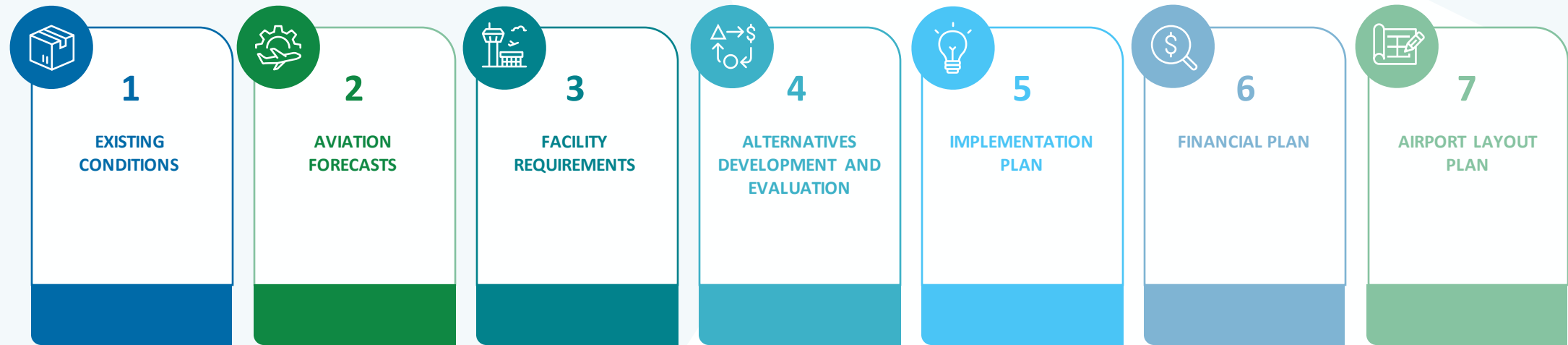


# Master planning guiding principles

Shared Prosperity, Sustainability, and Resilience



# The master planning process

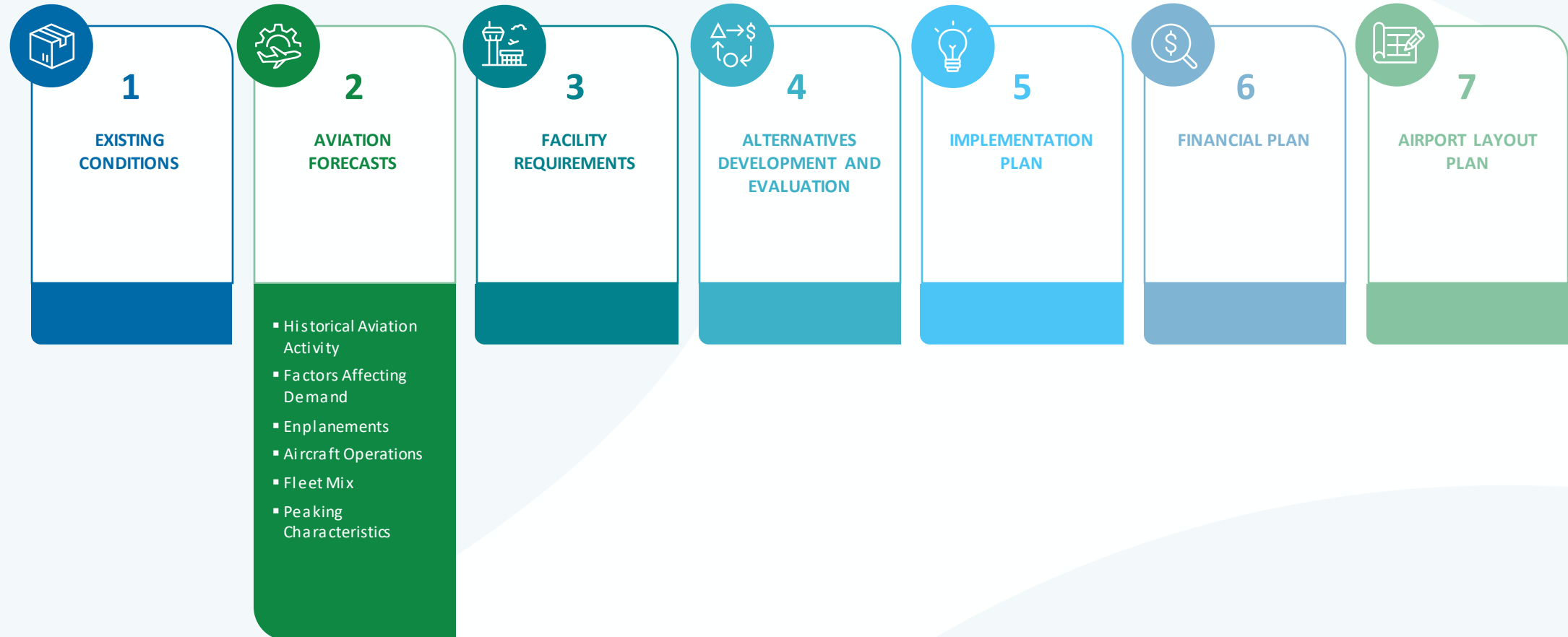




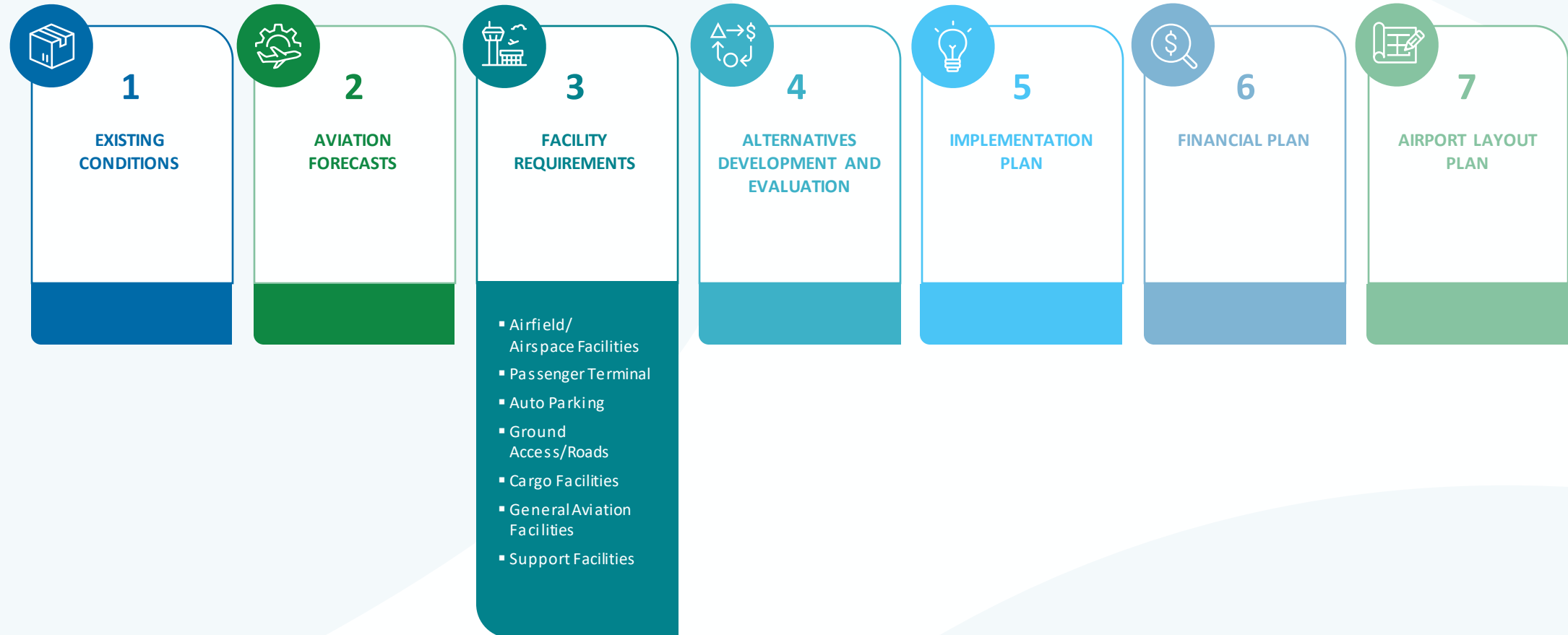
# The master planning process

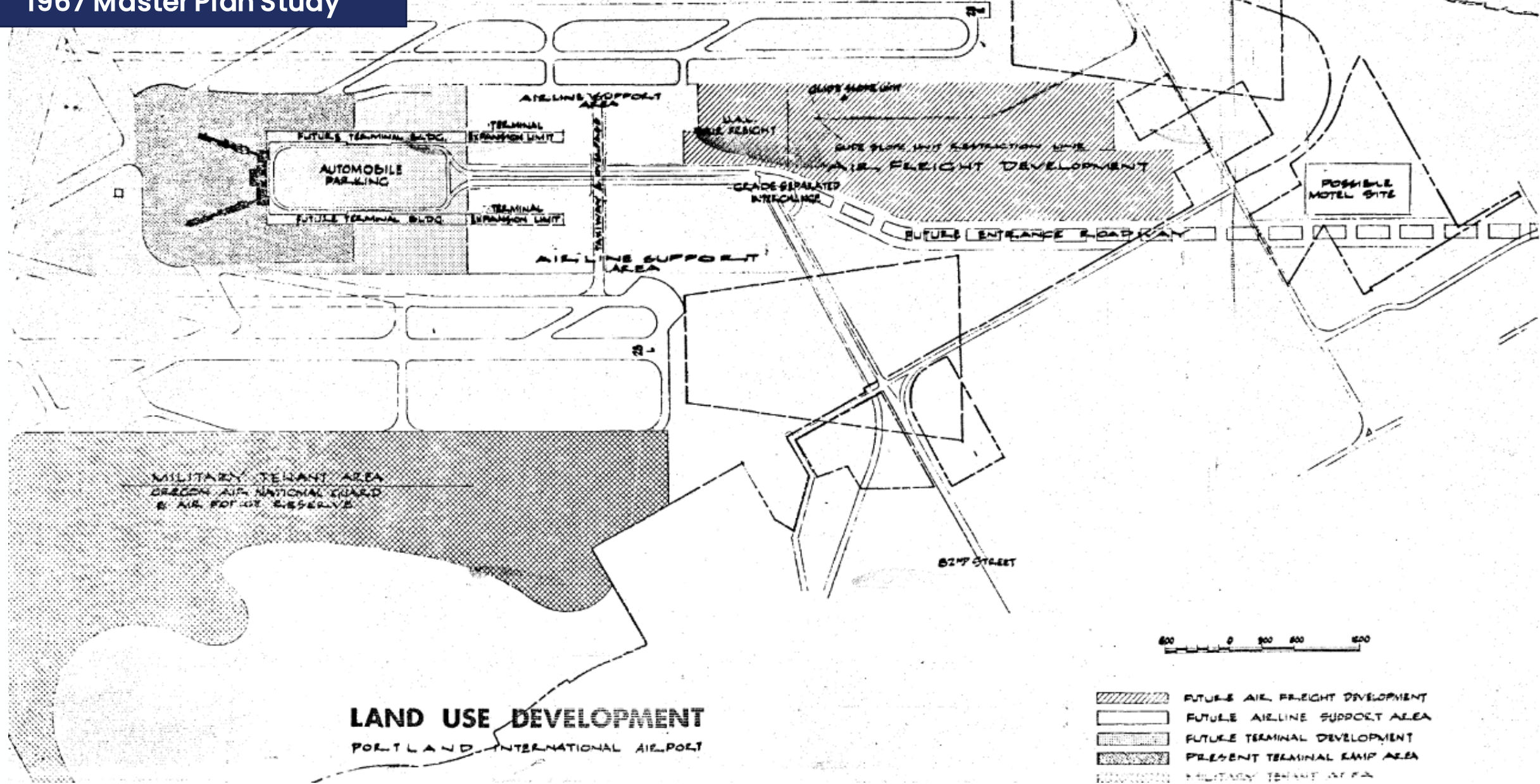


# The master planning process

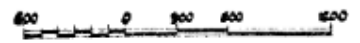






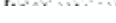
# The master planning process



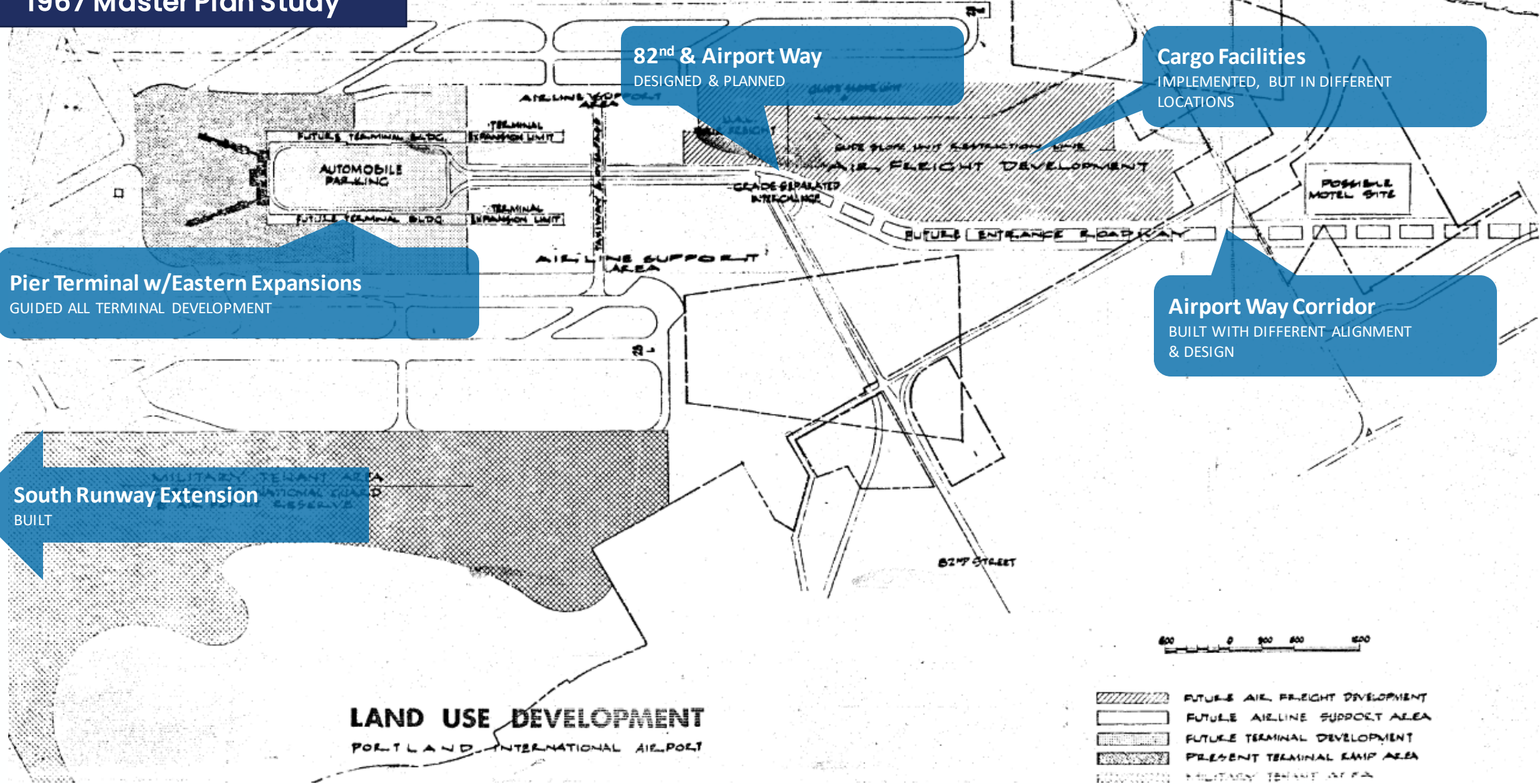


**LAND USE DEVELOPMENT**  
 PORTLAND INTERNATIONAL AIRPORT



-  FUTURE AIR FREIGHT DEVELOPMENT
-  FUTURE AIRLINE SUPPORT AREA
-  FUTURE TERMINAL DEVELOPMENT
-  PRESENT TERMINAL RAMP AREA
-  MILITARY TENANT AREA

# 1967 Master Plan Study



**82<sup>nd</sup> & Airport Way**  
DESIGNED & PLANNED

**Cargo Facilities**  
IMPLEMENTED, BUT IN DIFFERENT LOCATIONS

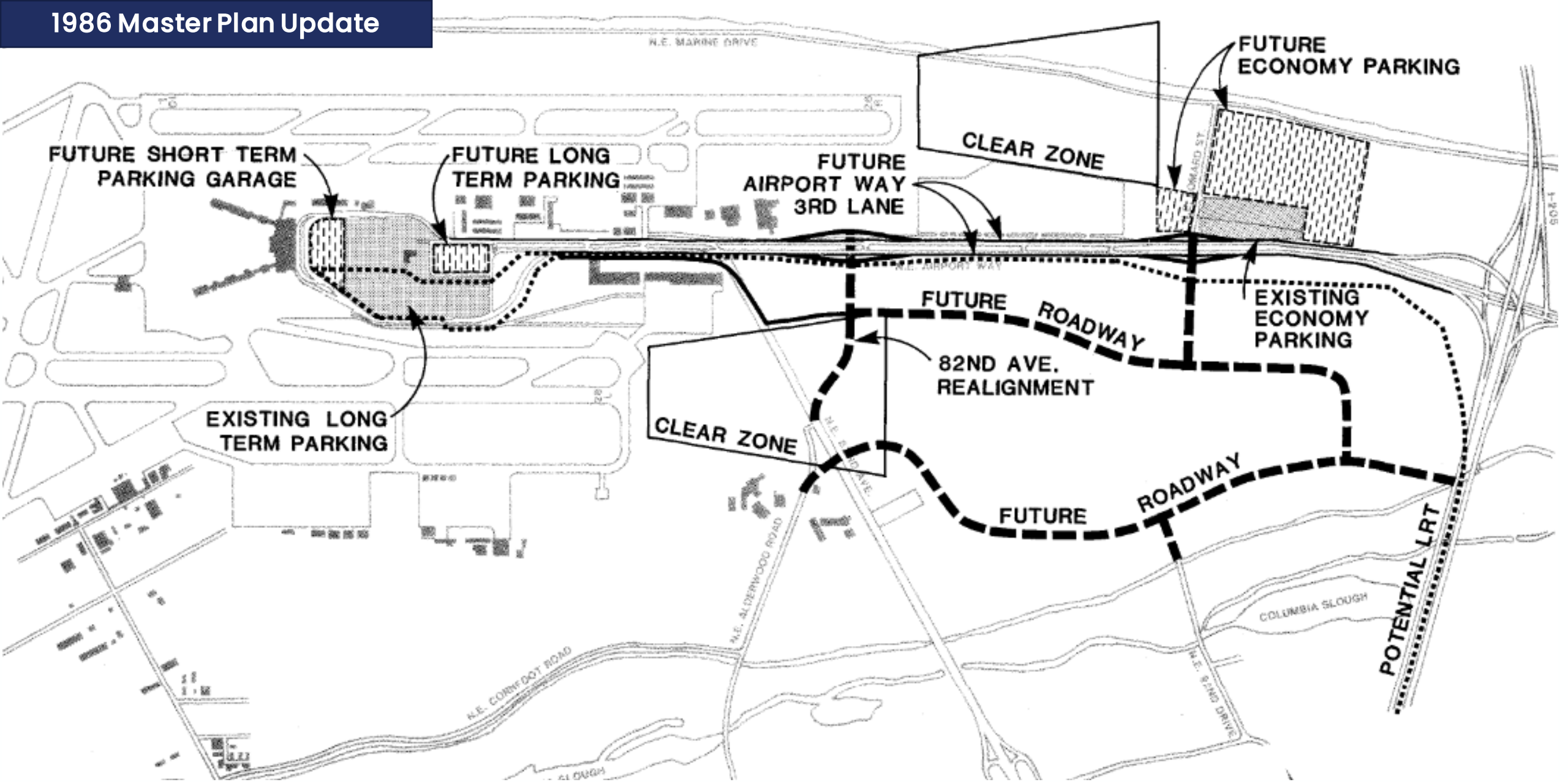
**Pier Terminal w/Eastern Expansions**  
GUIDED ALL TERMINAL DEVELOPMENT

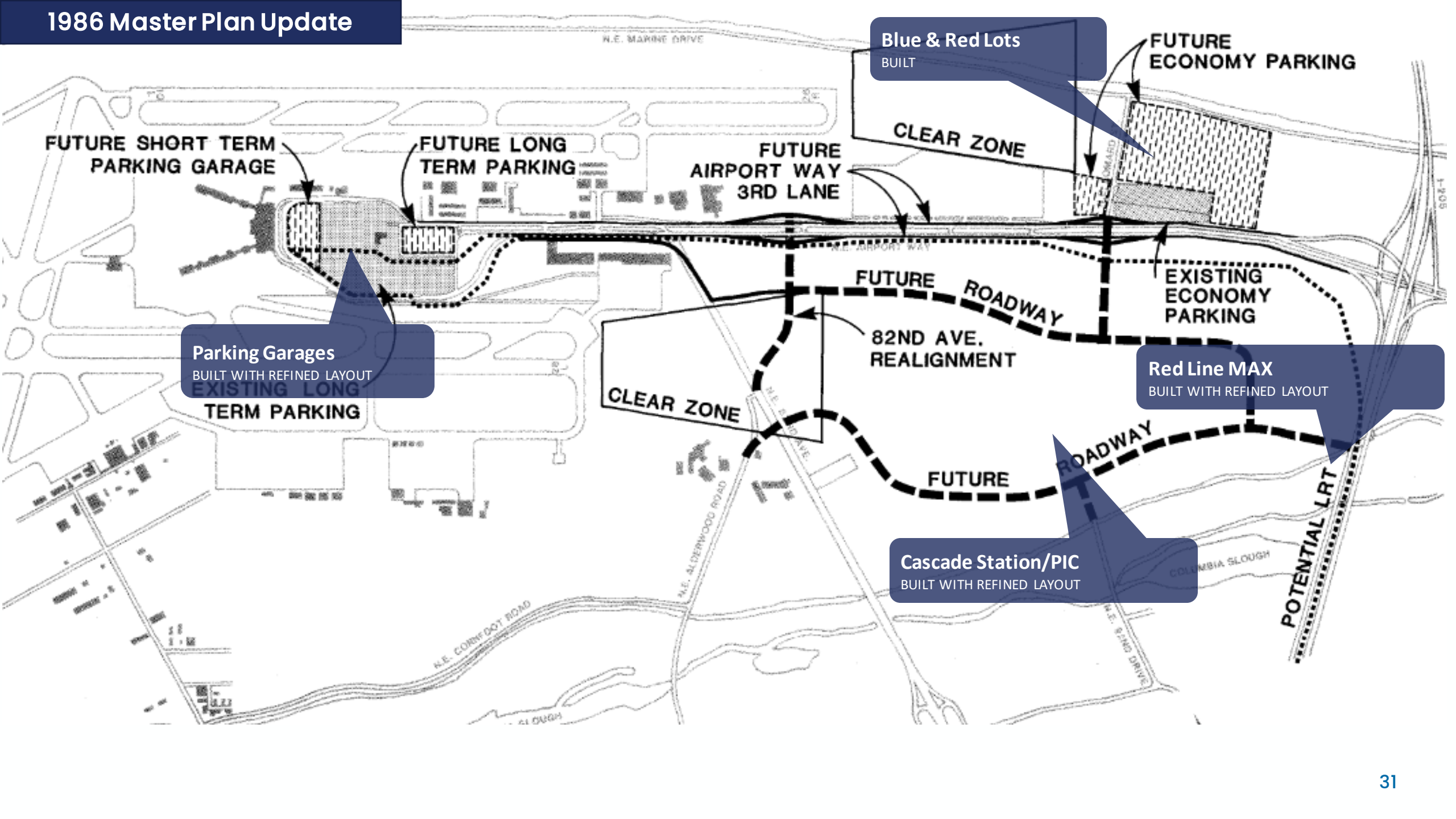
**Airport Way Corridor**  
BUILT WITH DIFFERENT ALIGNMENT & DESIGN

**South Runway Extension**  
BUILT

**LAND USE DEVELOPMENT**  
PORTLAND INTERNATIONAL AIRPORT

- FUTURE AIR FREIGHT DEVELOPMENT
- FUTURE AIRLINE SUPPORT AREA
- FUTURE TERMINAL DEVELOPMENT
- PRESENT TERMINAL RAMP AREA
- MILITARY TENANT AREA



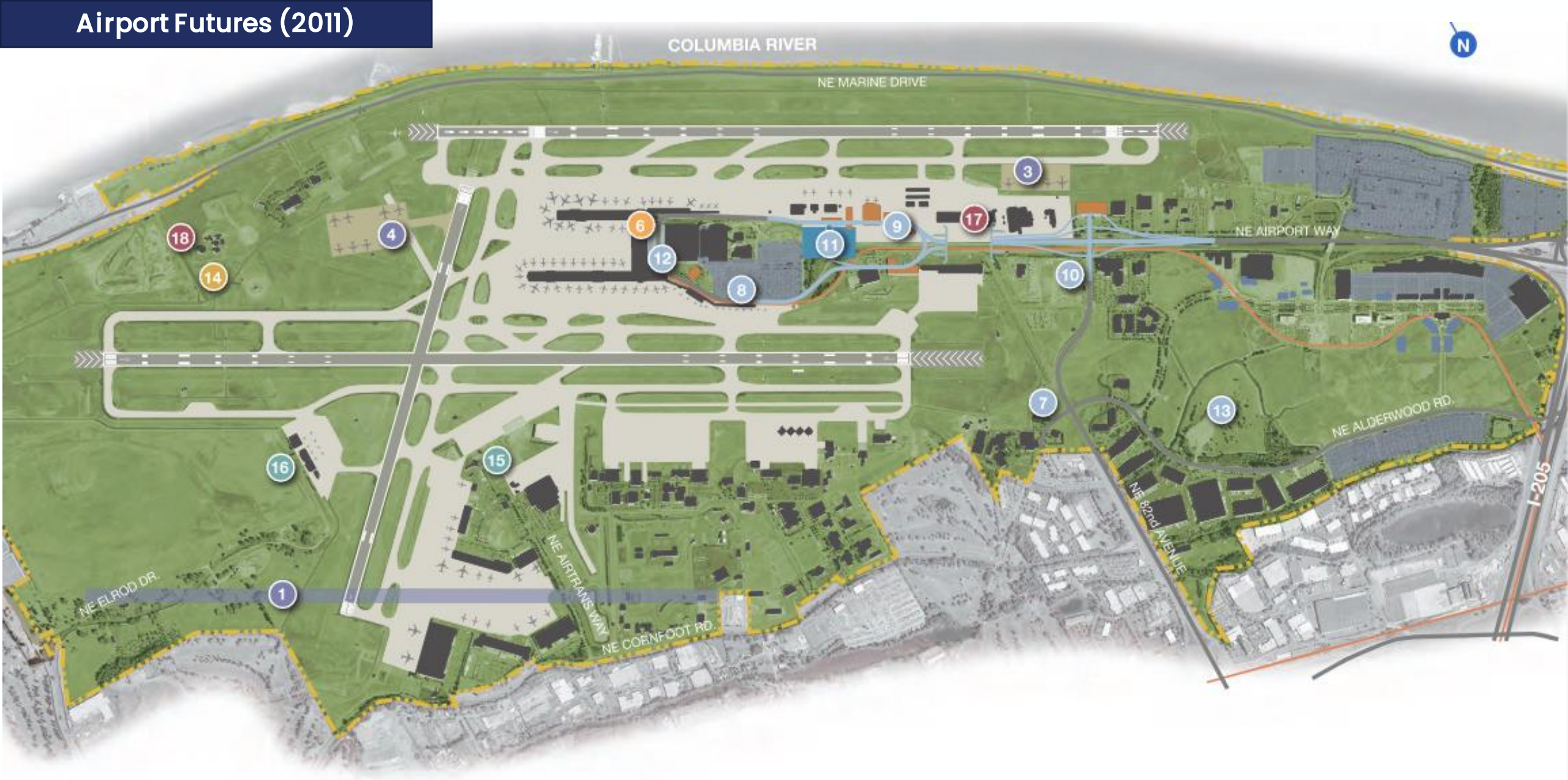


**Parking Garages**  
BUILT WITH REFINED LAYOUT  
EXISTING LONG TERM PARKING

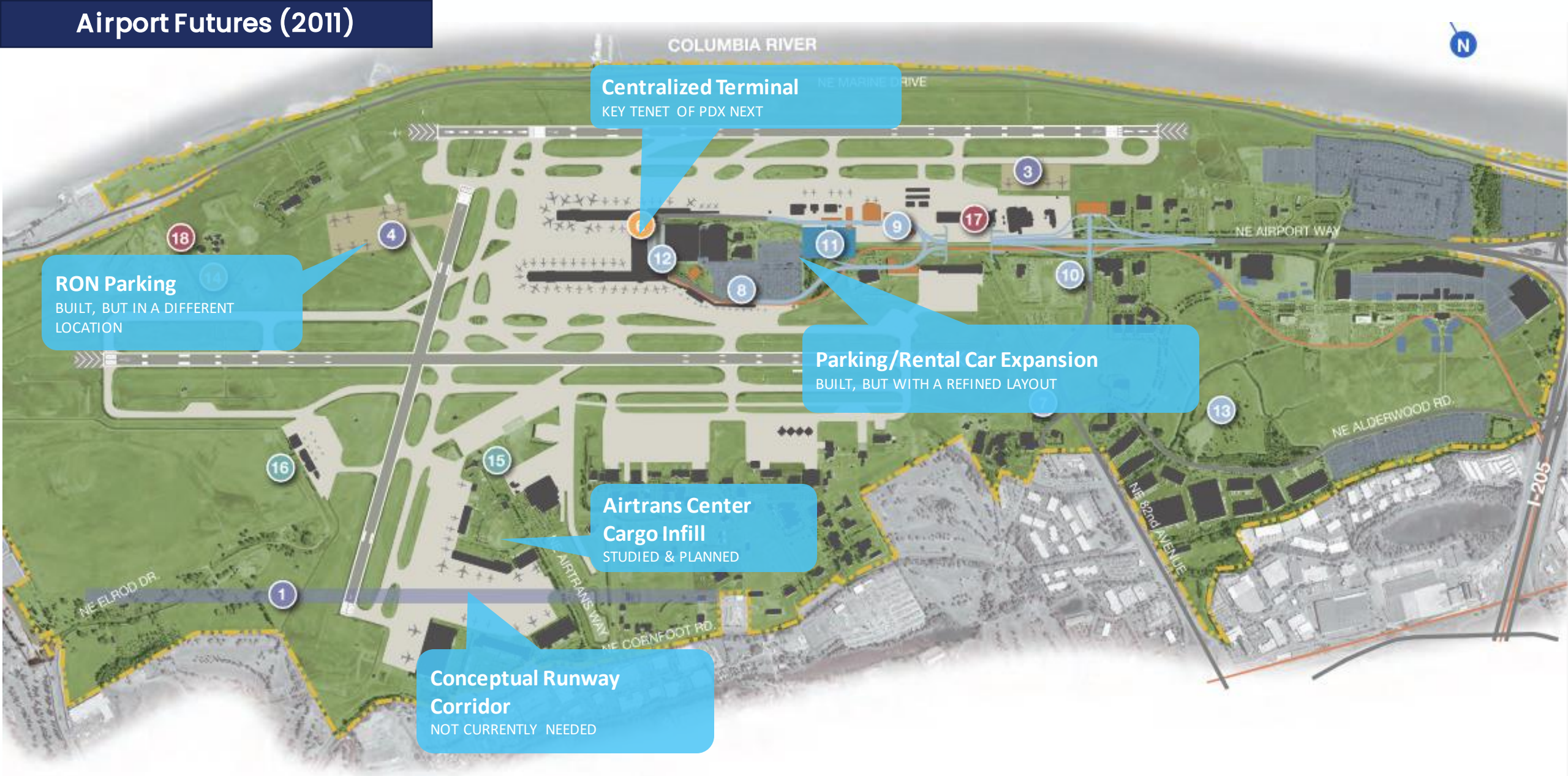
**Blue & Red Lots**  
BUILT

**Red Line MAX**  
BUILT WITH REFINED LAYOUT

**Cascade Station/PIC**  
BUILT WITH REFINED LAYOUT







**Centralized Terminal**  
KEY TENET OF PDX NEXT

**RON Parking**  
BUILT, BUT IN A DIFFERENT LOCATION

**Parking/Rental Car Expansion**  
BUILT, BUT WITH A REFINED LAYOUT

**Airtrans Center  
Cargo Infill**  
STUDIED & PLANNED

**Conceptual Runway  
Corridor**  
NOT CURRENTLY NEEDED

# Q&A

# PAC Charter and Working Agreement

The purpose of the PAC is to serve as an advisory body for PDX 2045



# Charter contents

- Project background
- PAC purpose and description
- Vision and values
- Membership
- Meeting design
  - Frequency and location
  - Agenda and materials
  - Meeting notes
- Working agreement
- Recommendation structure
- Photography, recording, and social media



# Roles & responsibilities

## The PAC will:

- Inclusively represent the knowledge, skills and experiences of project stakeholders
- Provide informed insights and opinions on Master Plan topics
- Bring their 'whole selves' to the project
- Discuss potential benefits and challenges of plan alternatives
- Consider input and information from other community members, stakeholders, and interested parties

## The Port will:

- Make decisions about the Master Plan
- Speak on behalf of the Port of Portland or the project

# Port mission and values

## Mission

Building shared prosperity for the region through travel, trade and economic development.

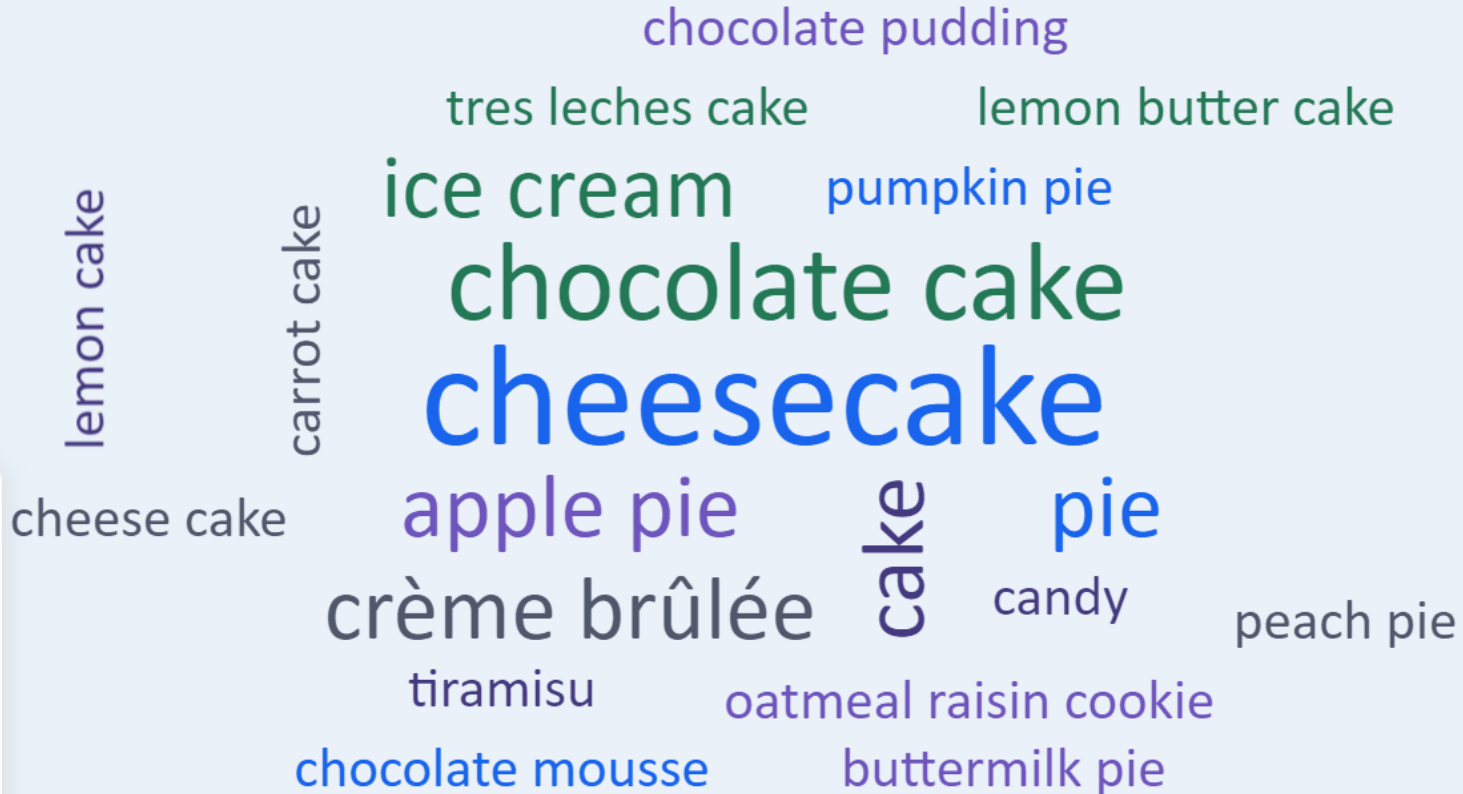
## Values

A prosperous region, where quality jobs, multi-generational wealth, and access to markets are equitable and shared.



# What is your favorite dessert?

31 responses







# Overview

- What is a working agreement?
- How will we use it?
- How will we commit to working together?
- What atmosphere do we want to create?
- Group discussion using Mentimeter



# Collaboration principles

1

Listen

2

Think

3

Participate

4

Be respectful

5

Be yourself





# What would you like to see in our working agreement?

33 responses



# Q&A

# Next Steps

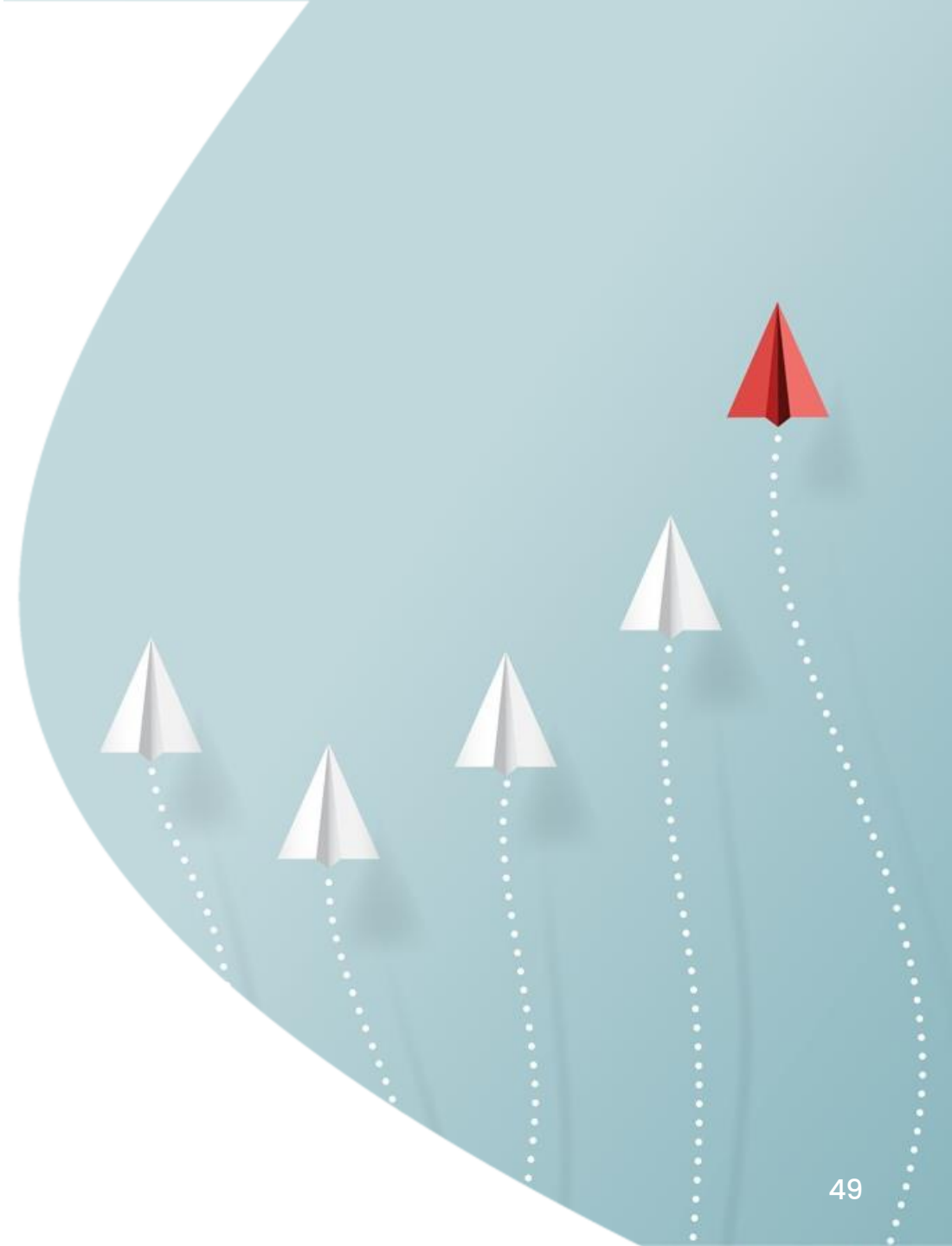
# Preliminary work plan

PAC meeting	Meeting topics	Date
1	Welcome and background	May 20, 2024
2	Baseline forecast & preliminary facilities requirements	July 2024
3	Facility tour	Aug – Sept 2024
4	Facility requirements & preliminary alternatives	~ Oct 2024
5	Functional area alternatives	~ Jan 2025
6	Finalist functional alternatives & initial consolidated alternatives	~ Mar 2025
7	Refined consolidated alternatives	~ May 2025
8	Preferred alternative	~ July 2025
9	Preliminary implementation planning	~ Sept 2025
10	Implementation	~ Oct 2025
11	Thank you and PAC wrap	~ Dec 2025



# PAC meeting #2

- **Meeting #2 information:**
  - Week of July 15
  - Port of Portland HQ, Chinook Room
  - 6:00 PM – 8:00 PM
- **Homework for PAC members:**
  - Review forecast and requirements
  - Review draft PAC charter



# What activity do we forecast?



## Passengers

- Domestic and International
- Origin and Destination (O&D) and Connecting
- Additional Breakdown As Needed:
  - Airline
  - Terminal
  - Point of Origin



## Operations

- Mainline and Regional Passenger Operations
- Cargo
- Air Taxi
- General Aviation
- Military
- Additional Detail as Needed
  - Fleet mix
  - Itinerant / Local
  - IFR / VFR



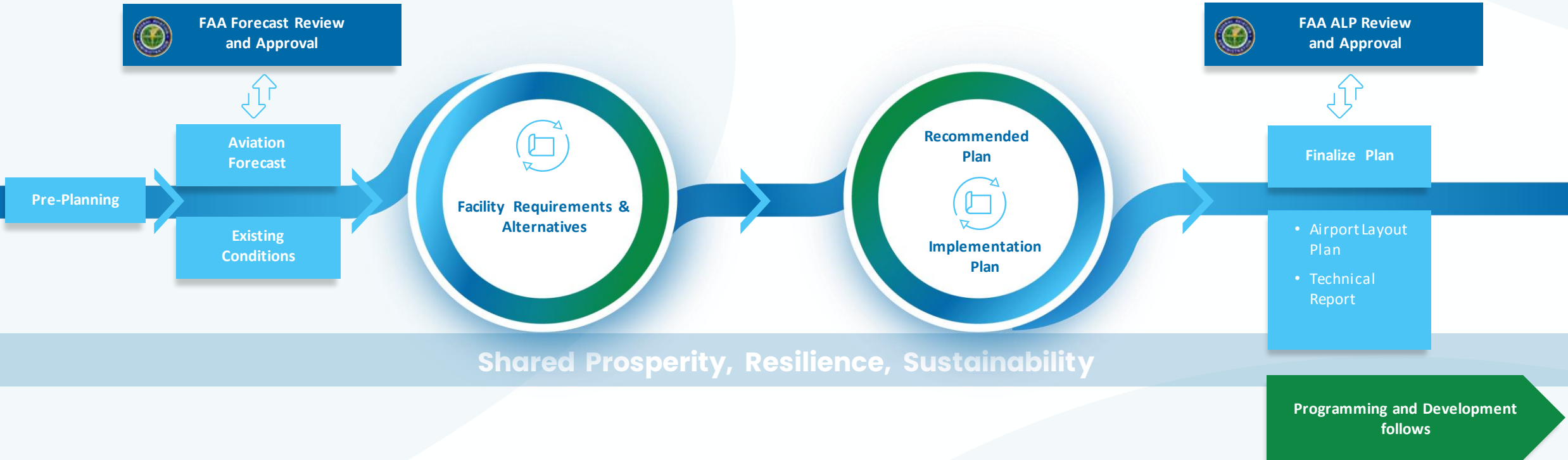
## Other Activity and Metrics

- Cargo Volume
- Landed Weight
- Based Aircraft
- Peaking Characteristics (seasonal, daily and hourly)

# Typical master planning process

Vision Planning Precedes

## STAKEHOLDER ENGAGEMENT



# How do we use forecasts within the context of PDX 2045?



## Facility Planning Forecasts

- What will we need to accommodate future activity?
  - Parking spaces, curbside, security lanes, gates, bag room, runways...
  - How many, how big and how are they configured?
- How concentrated will the activity be by time of day?
- A conservative facility planning forecast does not constrain forecast growth.



Ensure that the facilities can accommodate the maximum levels of realistic activity

# Thank You for Your Participation!



Please take our  
meeting evaluation  
survey