



# PDX 2045 Planning Advisory Committee

Meeting 5

January 15, 2025

# Meeting goals

- Recap findings from airfield planning exercise
- Hear a presentation on landside, terminal and support facilities needs
- Participate in landside planning exercise
- Look ahead to upcoming engagement efforts

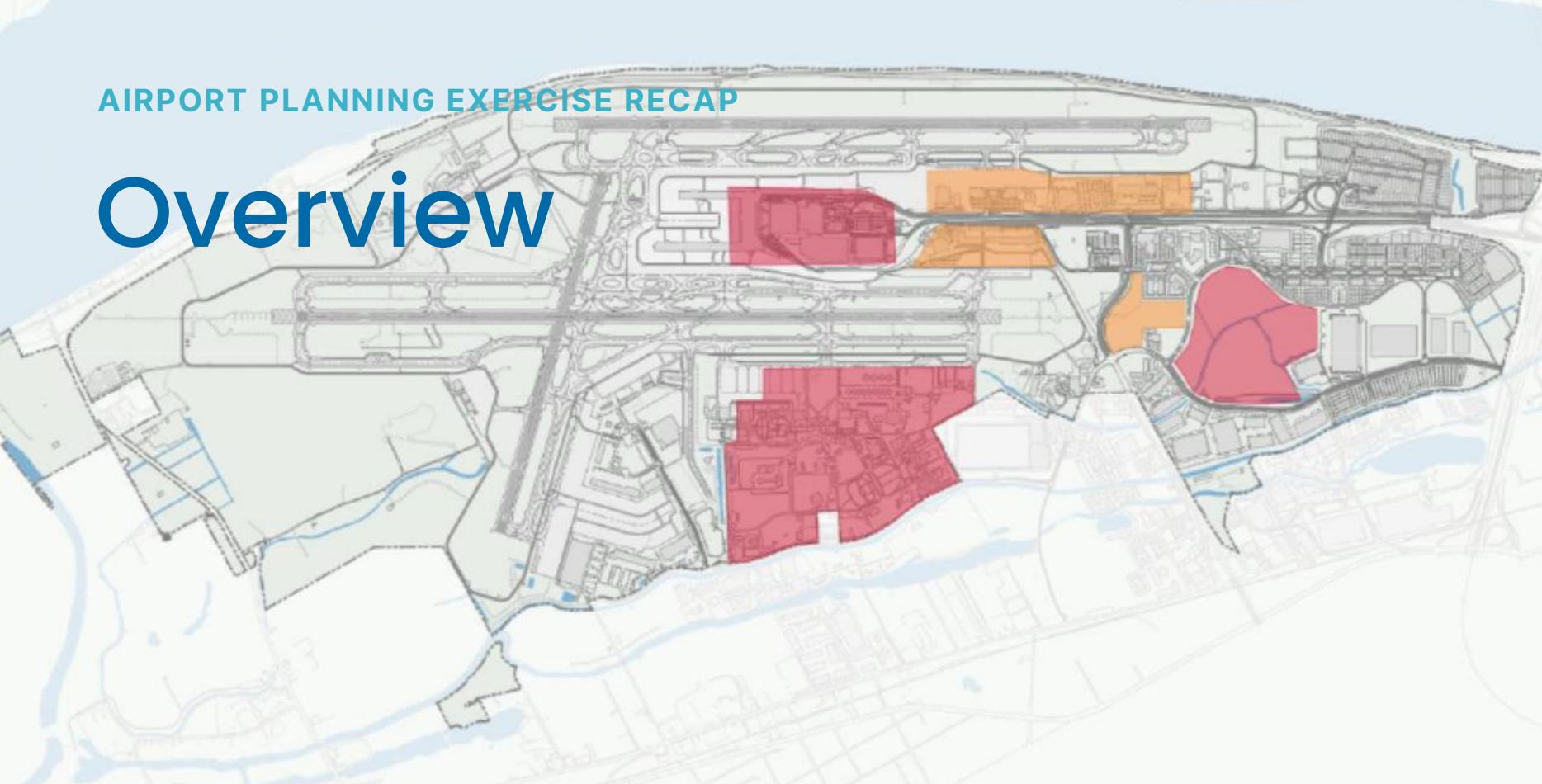
# Agenda

Time	Topic
6:00 PM	Welcome and Introductions
6:10 PM	Airfield Planning Exercise Recap
6:20 PM	Facility Requirements
6:50 PM	Public Comment & Break
7:00 PM	Passenger Journey Exercise
7:35 PM	Engagement Preview
7:55 PM	PAC Next Steps
8:00 PM	Adjourn

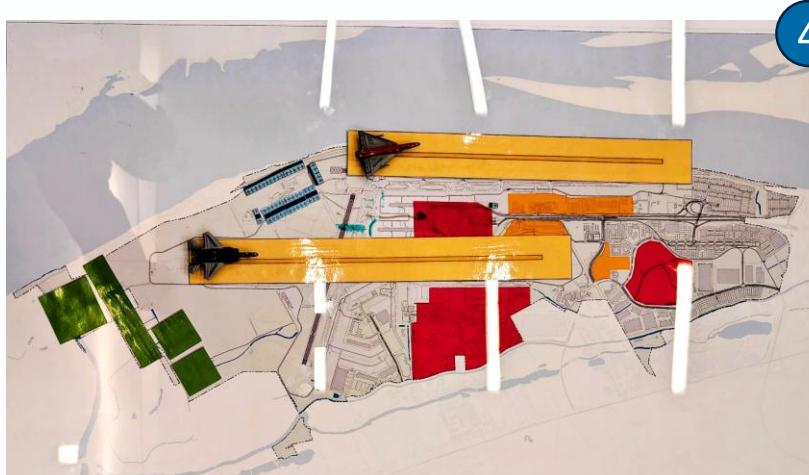
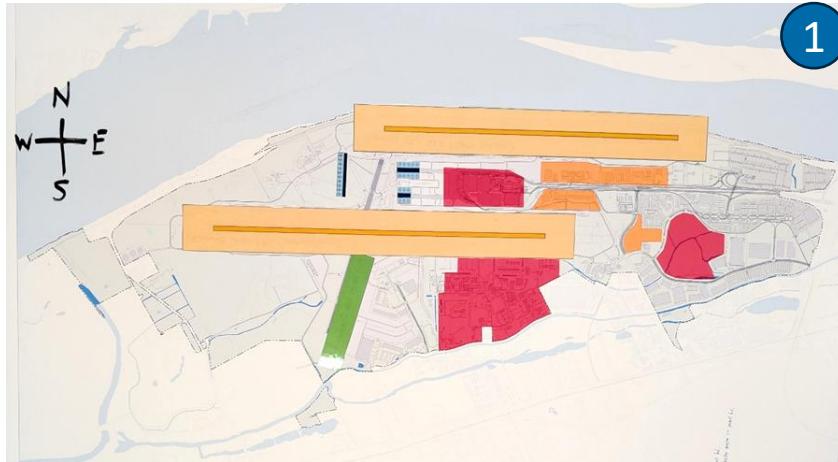
# Airfield Planning Exercise Recap

## AIRPORT PLANNING EXERCISE RECAP

# Overview



# PAC table groups



# Themes from PAC groups

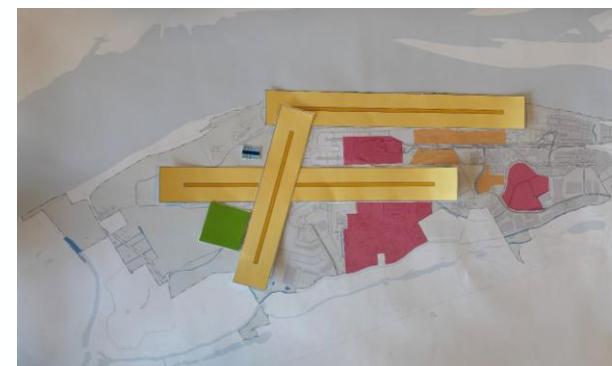
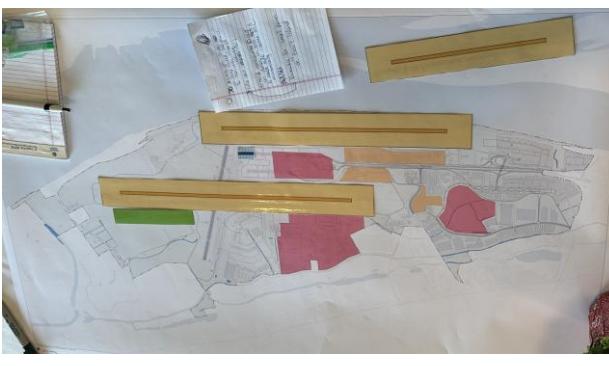
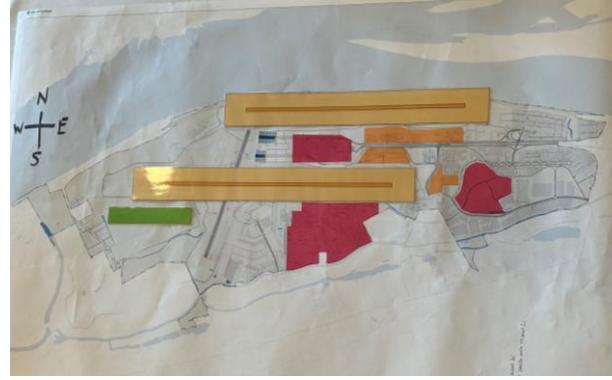
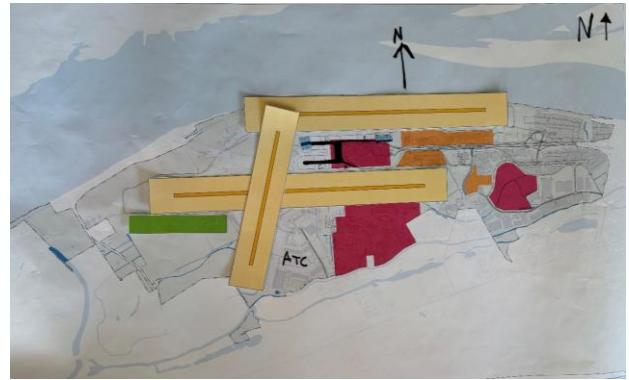
- **Crosswind Runway:** 5 of 7 groups recommended removing
- **New Gates:**
  - 3 would extend Concourses C and D
  - 2 would extend Concourses C, D and E
  - 1 would extend Concourses D and E
  - Some recommend a satellite terminal west of existing
- **Cargo:** 6 would place in SW Quad and/or at existing Crosswind Runway

## AIRPORT PLANNING EXERCISE RECAP

# Port staff



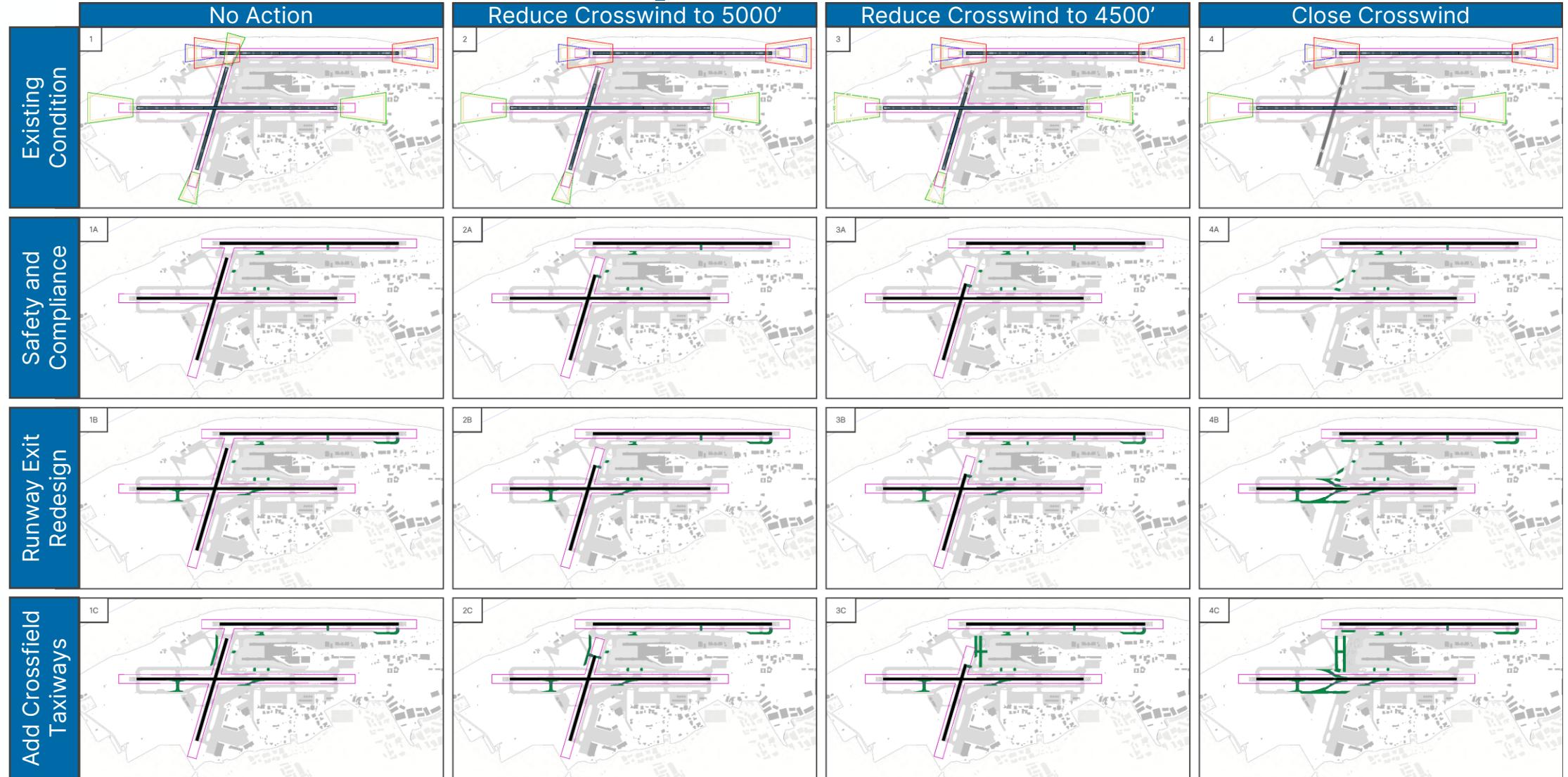
# Port staff groups



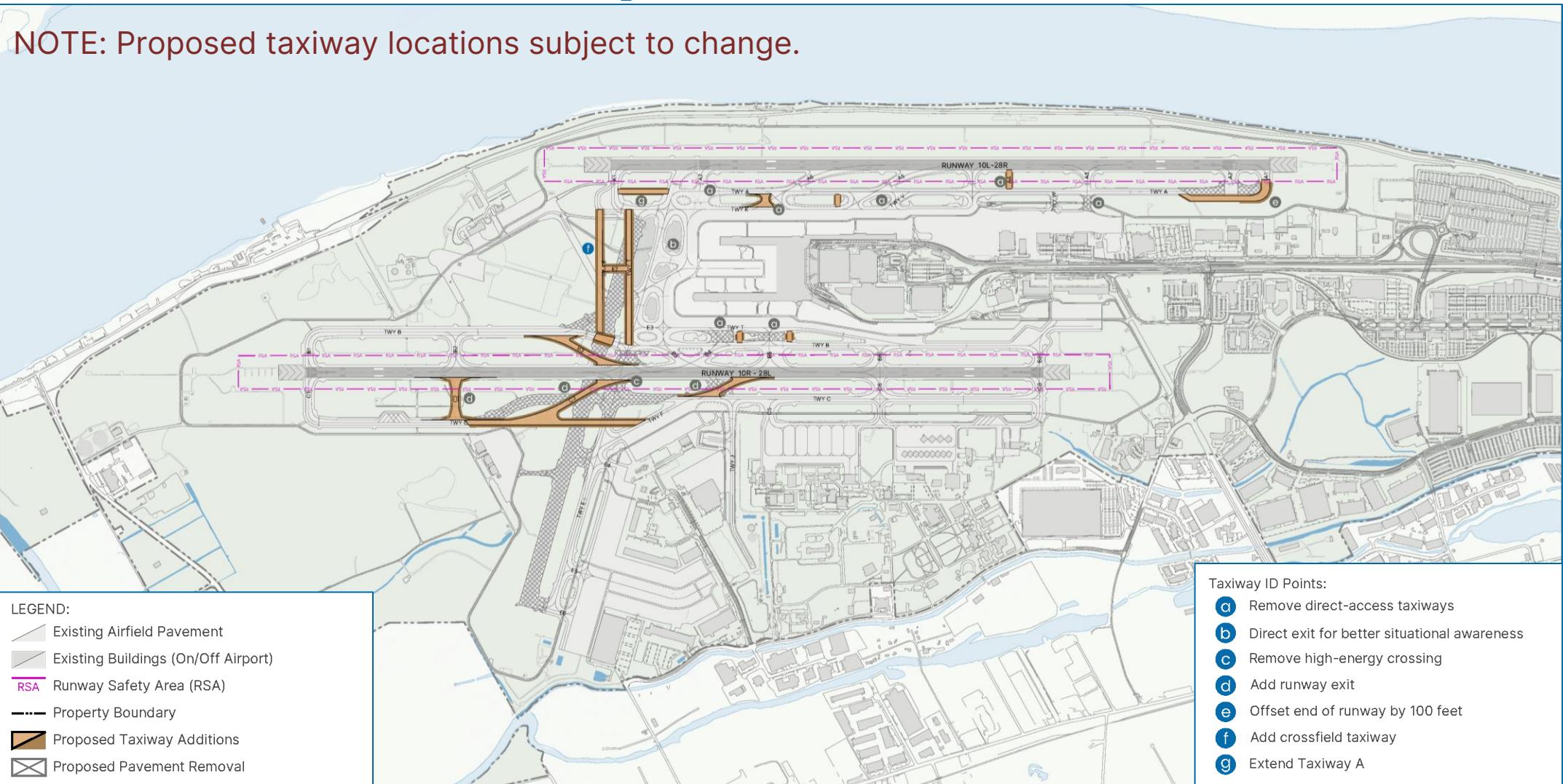
# Themes from staff groups

- **Crosswind Runway:** 10 of 12 recommended removing
- **New Gates:**
  - 11 would extend Concourse D
  - 5 would extend Concourse C
  - 5 would extend Concourse E
  - 3 recommended a satellite terminal west of existing
- **Cargo:** 12 would place in SW Quad and/or at existing Crosswind Runway

# How do we use your feedback?



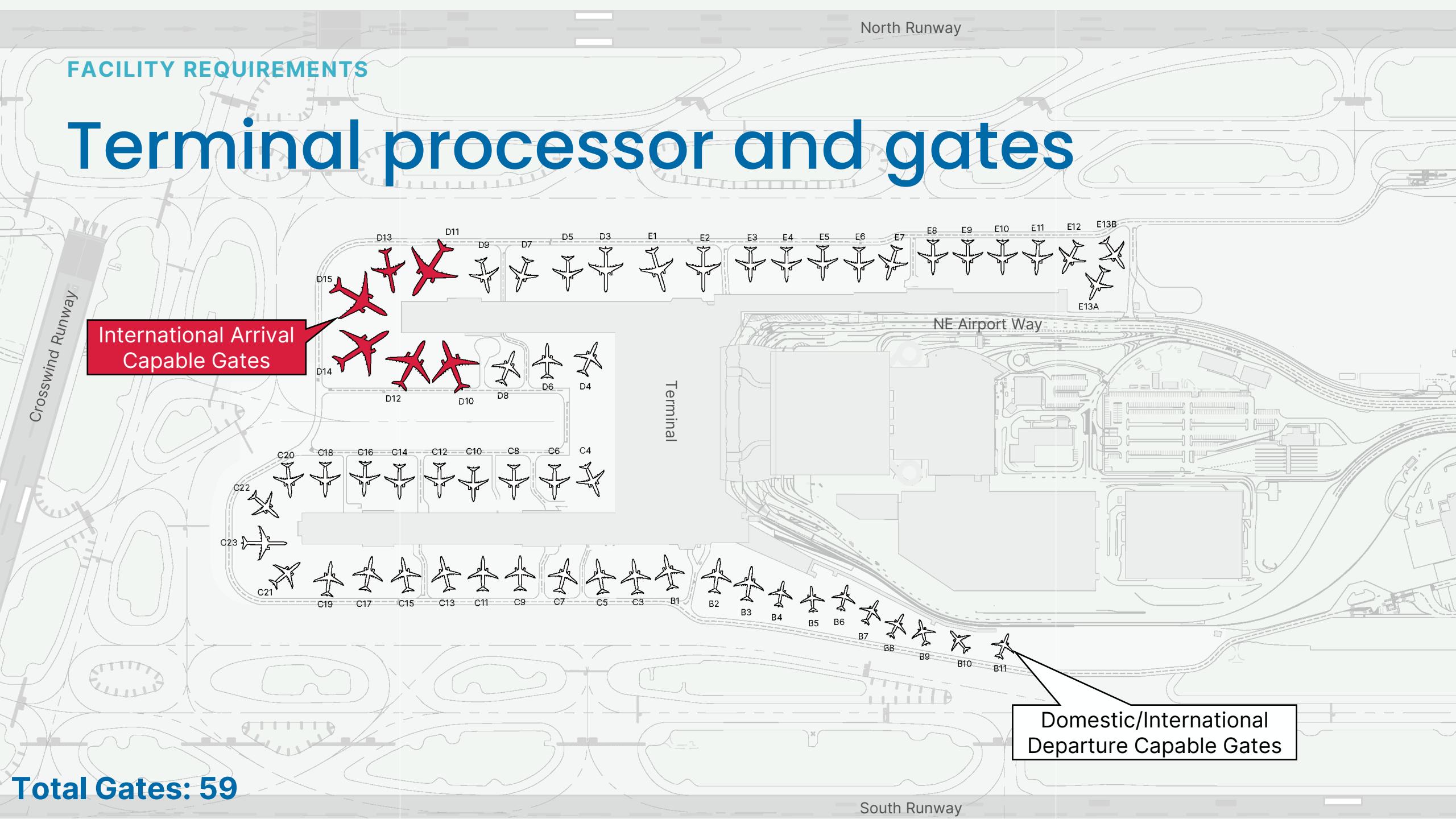
# How do we use your feedback?



# Facility Requirements

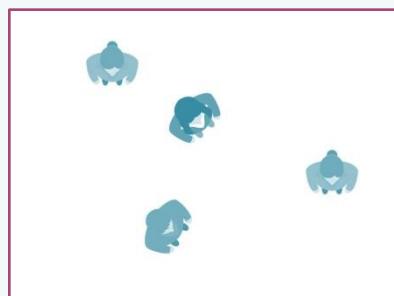
## FACILITY REQUIREMENTS

# Terminal processor and gates



# Terminal level-of-service

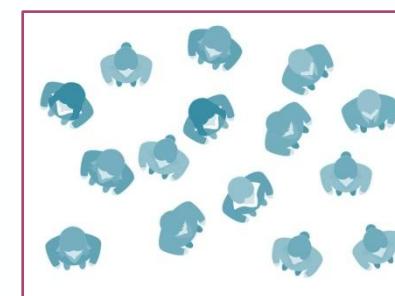
LEVEL-OF-SERVICE	FLOWS	DELAYS	COMFORT
Over Design	Free	None	Excellent
Over Design	Stable	Very Few	High
Optimum	Stable	Acceptable	Good
Suboptimum	Unstable	Passable	Adequate
Suboptimum	Unstable	Unacceptable	Inadequate
Under-Provided	System Breakdown	System Breakdown	Unacceptable



**Over Design:** Poor level of service; conditions of either excessive or empty space and over provision of resources; immoderate or unacceptable level of comfort.

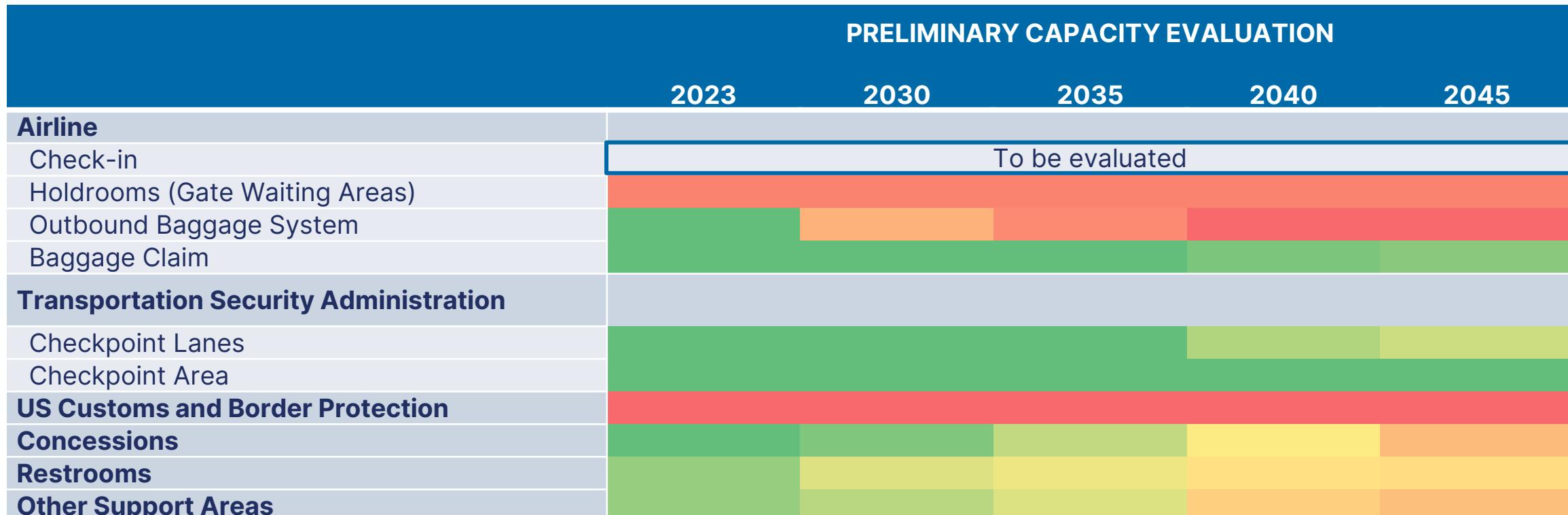


**Optimum:** Acceptable level of service; conditions of adequate to above-average space and reasonable to very few delays; good level of comfort.



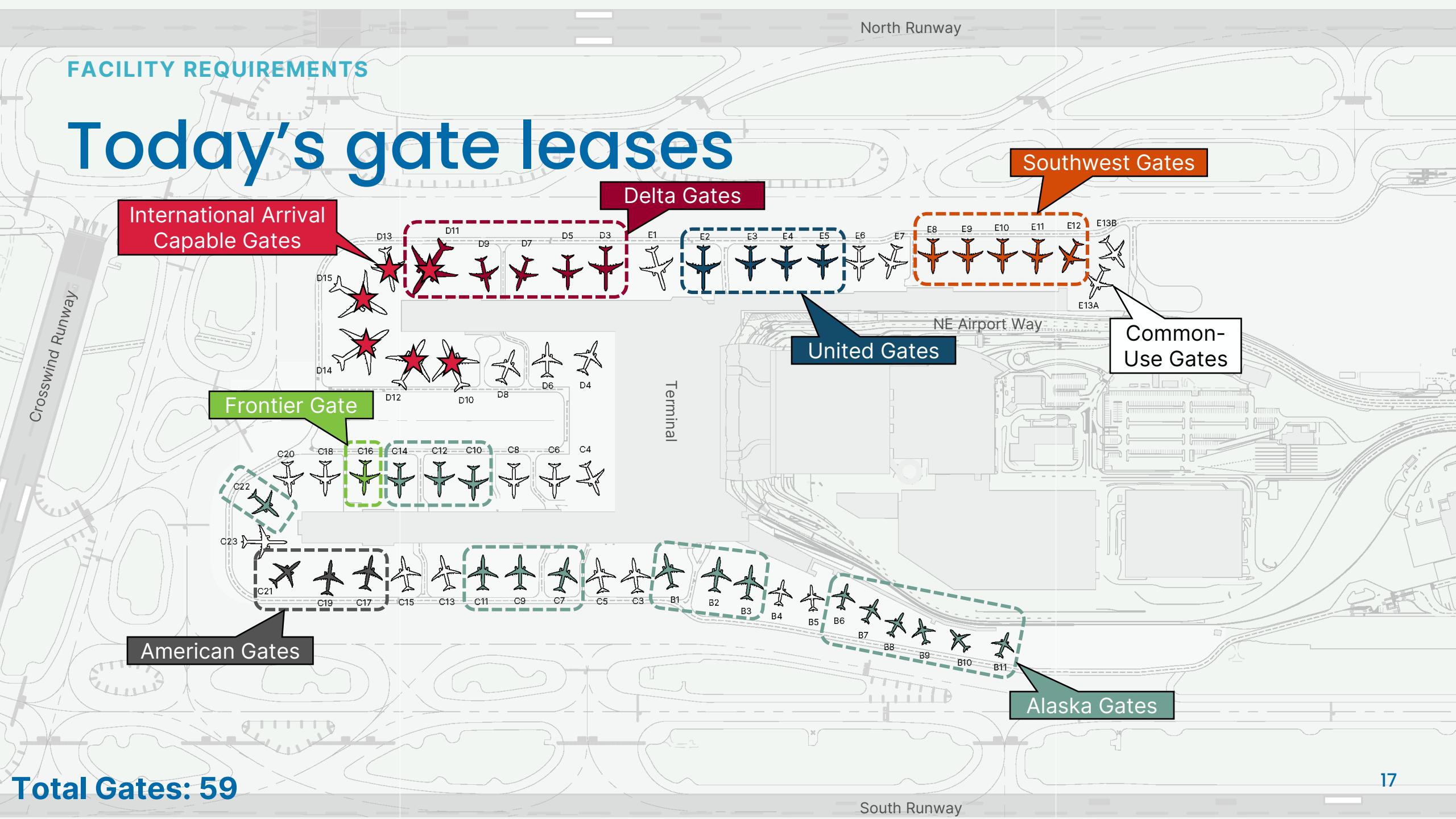
**Suboptimum:** Unsatisfactory level of service; conditions that provide crowded and uncomfortable spaces and present unacceptable processing and wait times; inadequate level of comfort.

# Terminal processors



## FACILITY REQUIREMENTS

# Today's gate leases

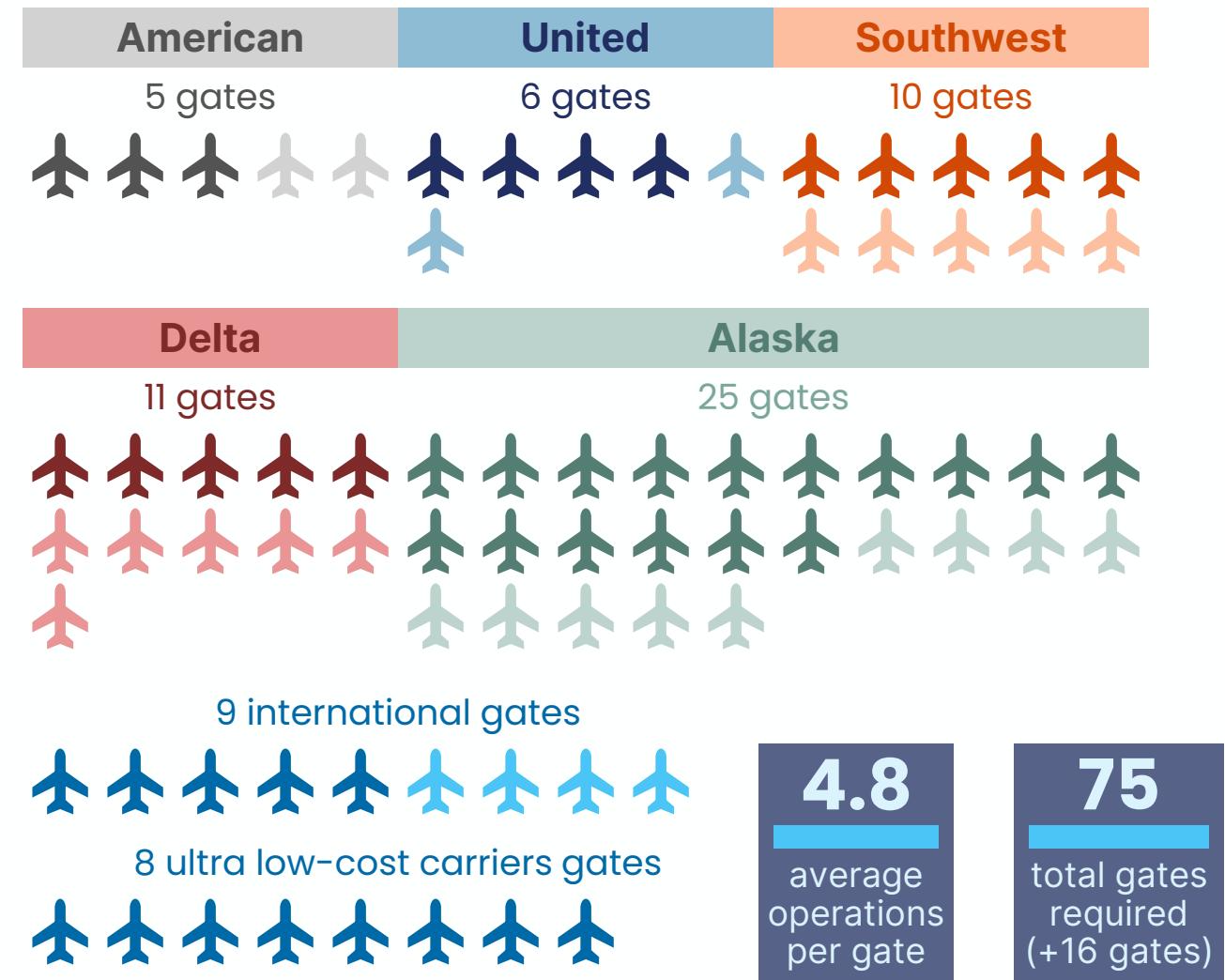
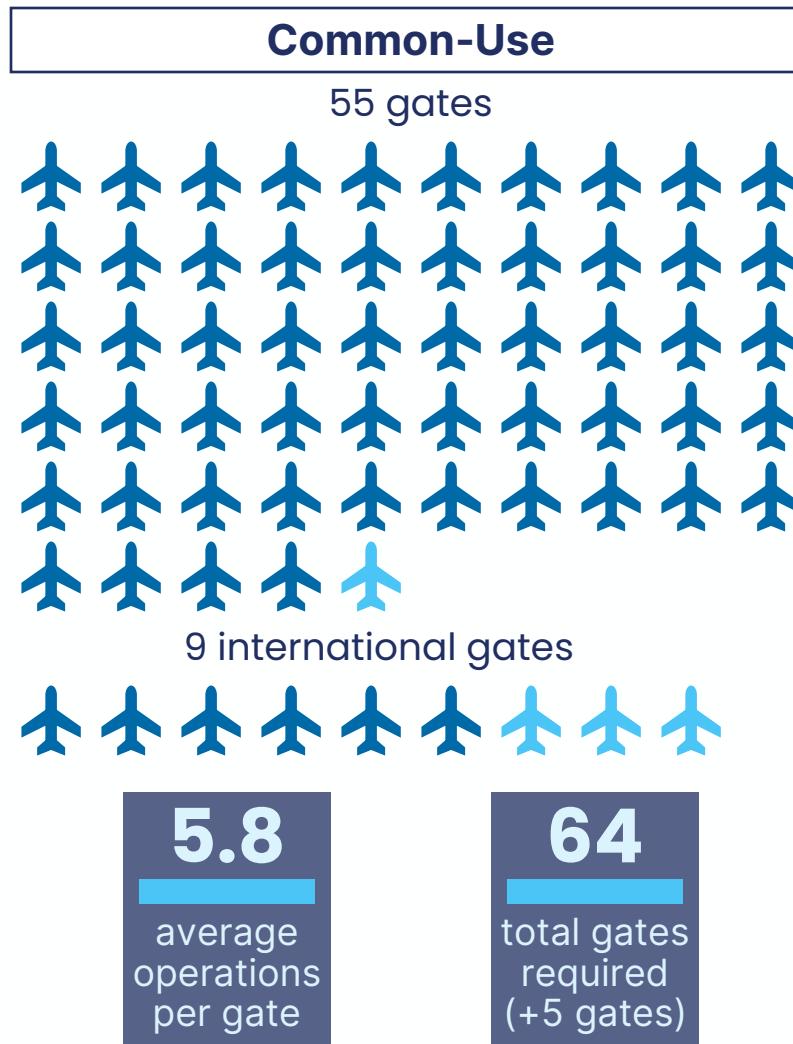


North Runway

South Runway

## FACILITY REQUIREMENTS

# 2045 gate requirements



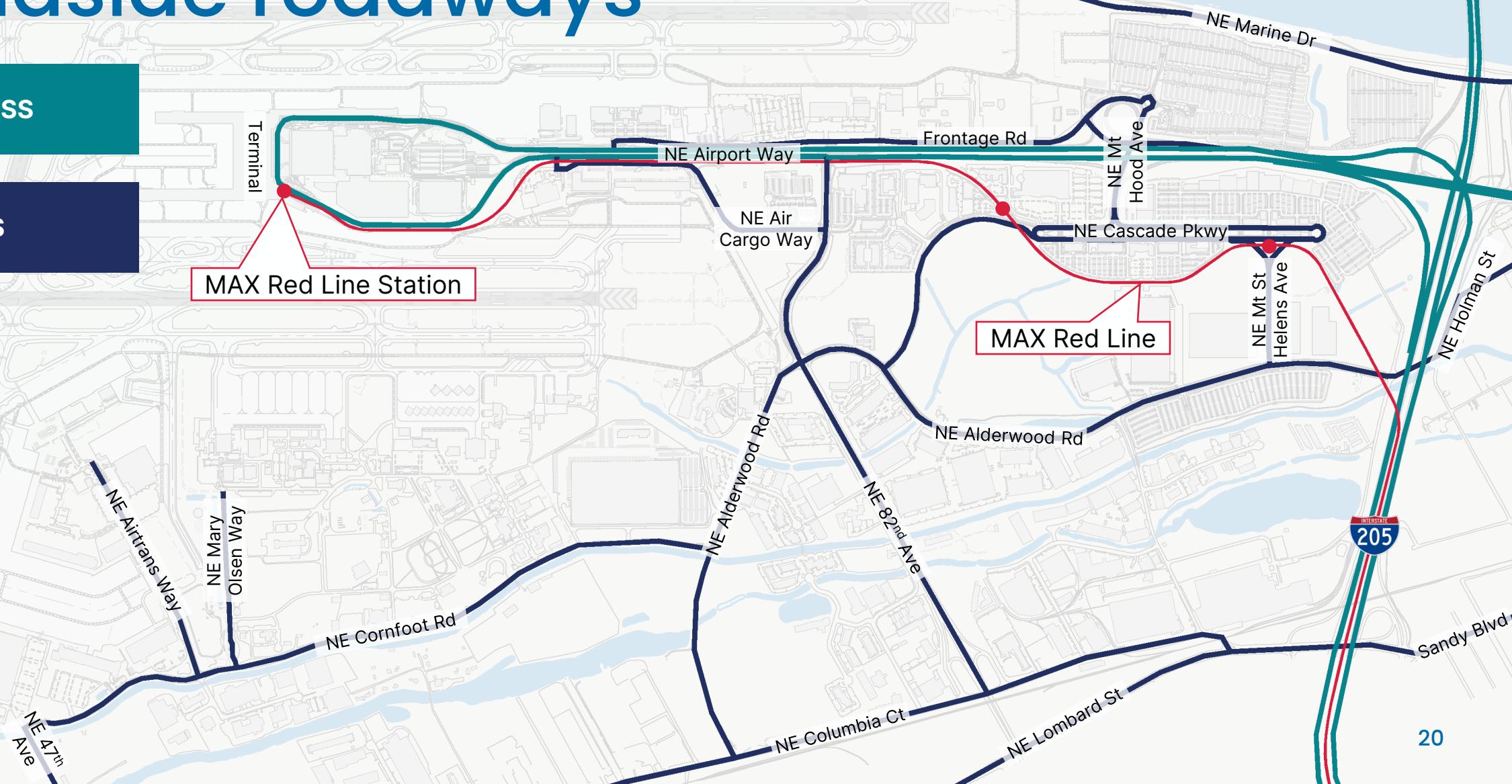
# Landside roadways

PRIMARY ACCESS

OTHER ACCESS

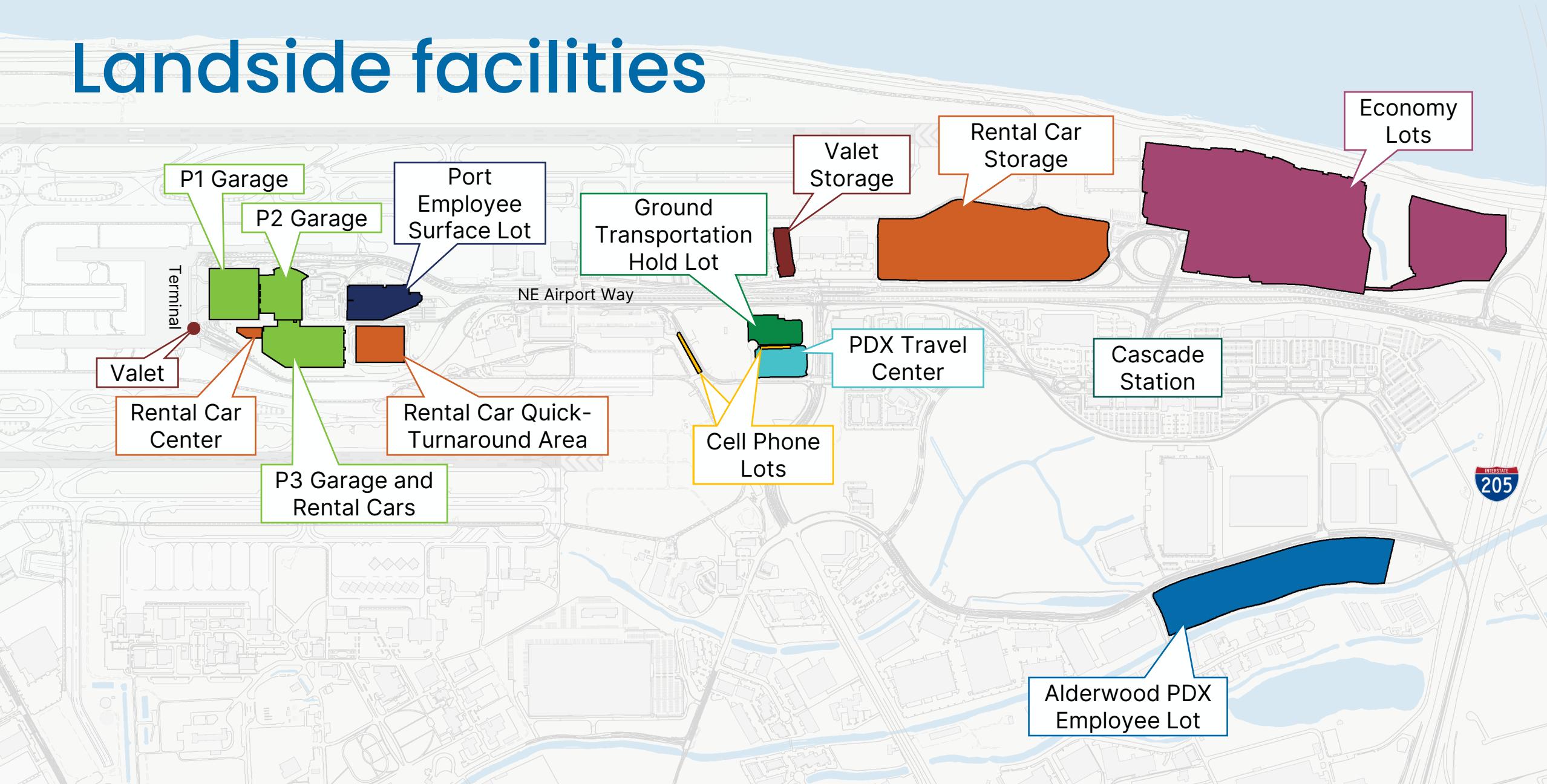
MAX Red Line Station

MAX Red Line



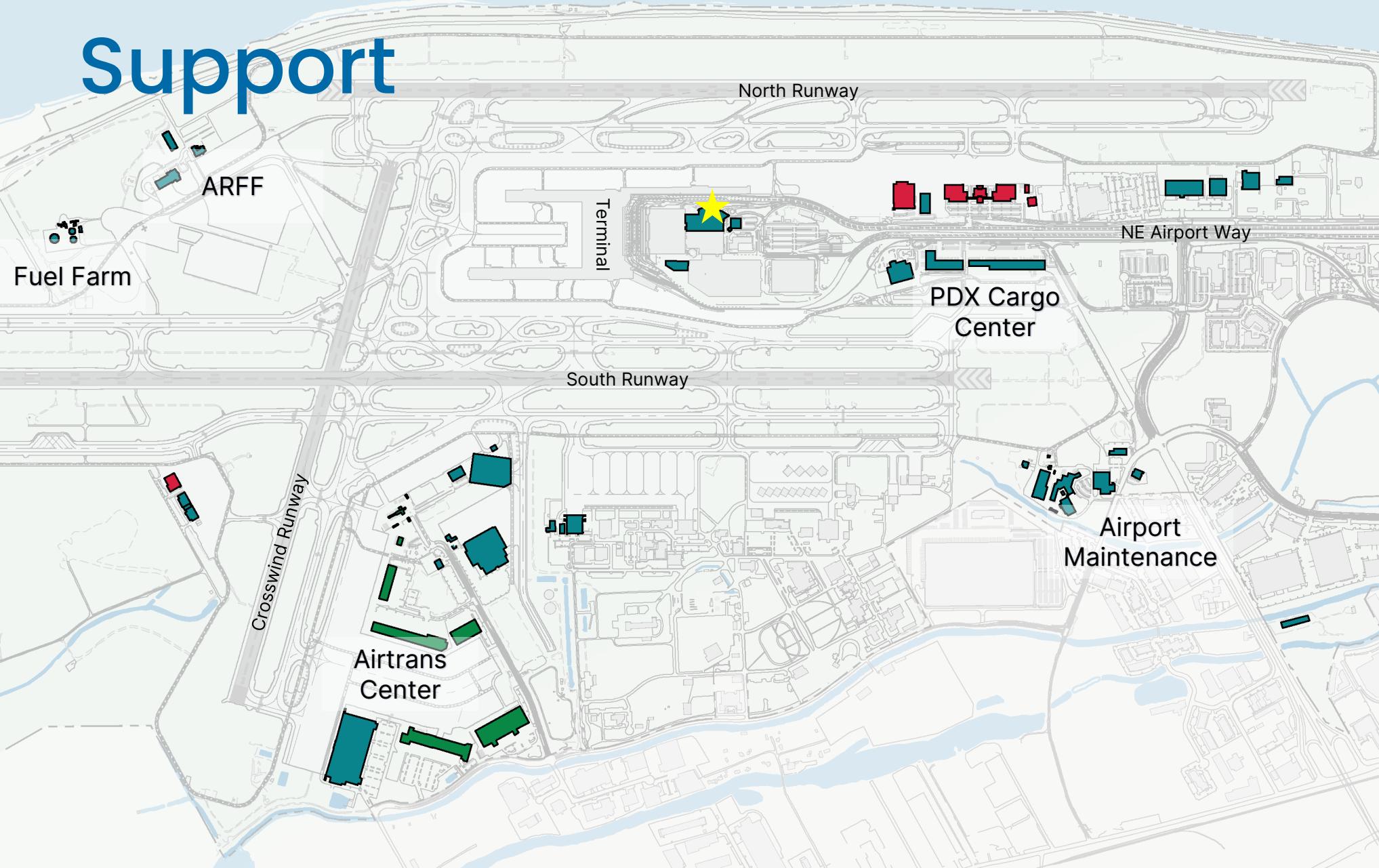
## FACILITY REQUIREMENTS

# Landside facilities



## FACILITY REQUIREMENTS

# Support



## CARGO

## GENERAL AVIATION

## AIRLINE AND AIRPORT SUPPORT

- Aircraft maintenance
- Ground run-up enclosure
- Flight kitchen
- Ground service equipment storage and maintenance
- Fuel farm
- Deicing facilities
- Airport maintenance
- Port administrative offices
- Consolidated receiving and distribution center
- Public safety facilities
- Federal Aviation Administration facilities

# Public Comment

# Interactive Exercise

# Passenger journeys

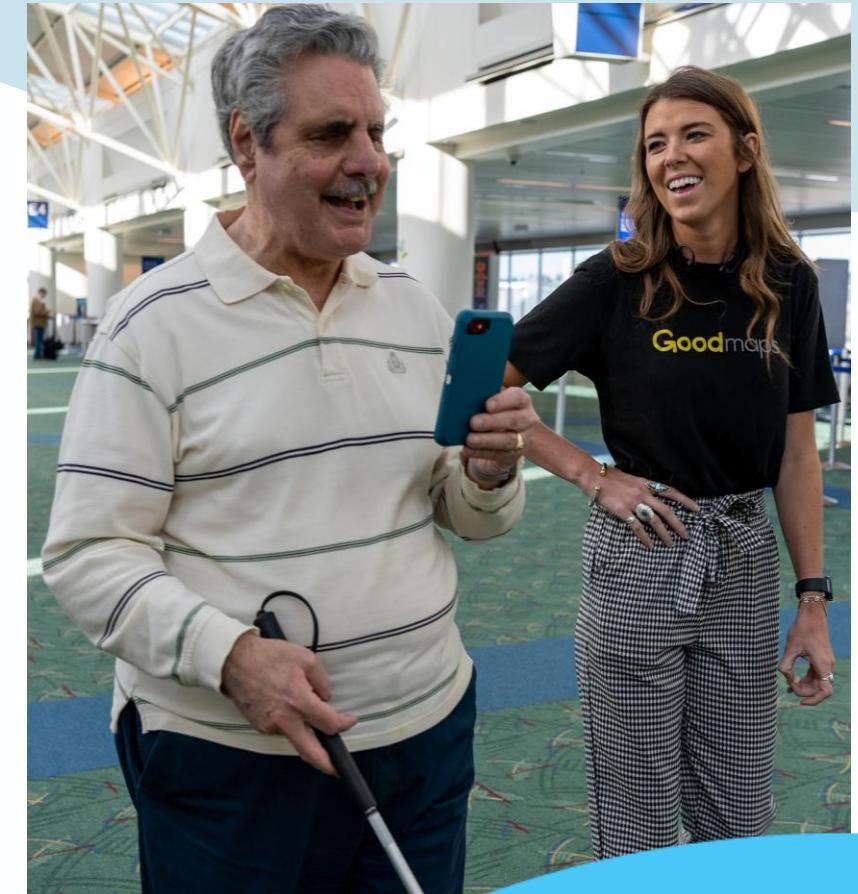
**Put yourself in the shoes of various passengers traveling through PDX.**

Each table will receive 4 passenger journey cards and 4 corresponding journey maps.

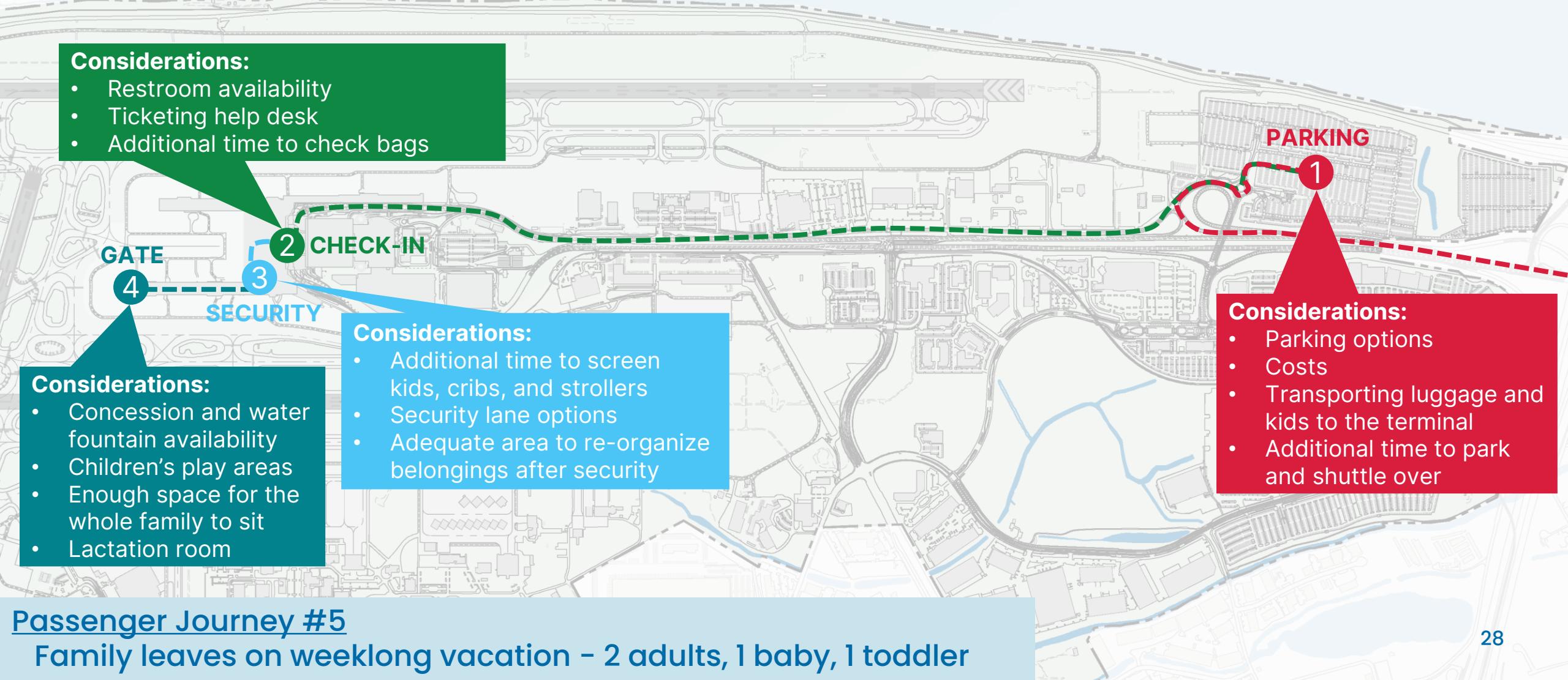
What does each passenger's journey look like?

Consider the following questions:

1. What amenities do you want in each facility that you use or travel through?
2. What are your travel needs between each waypoint?
3. What would make this experience better for you and why?



# Passenger journey map example



# Passenger journeys

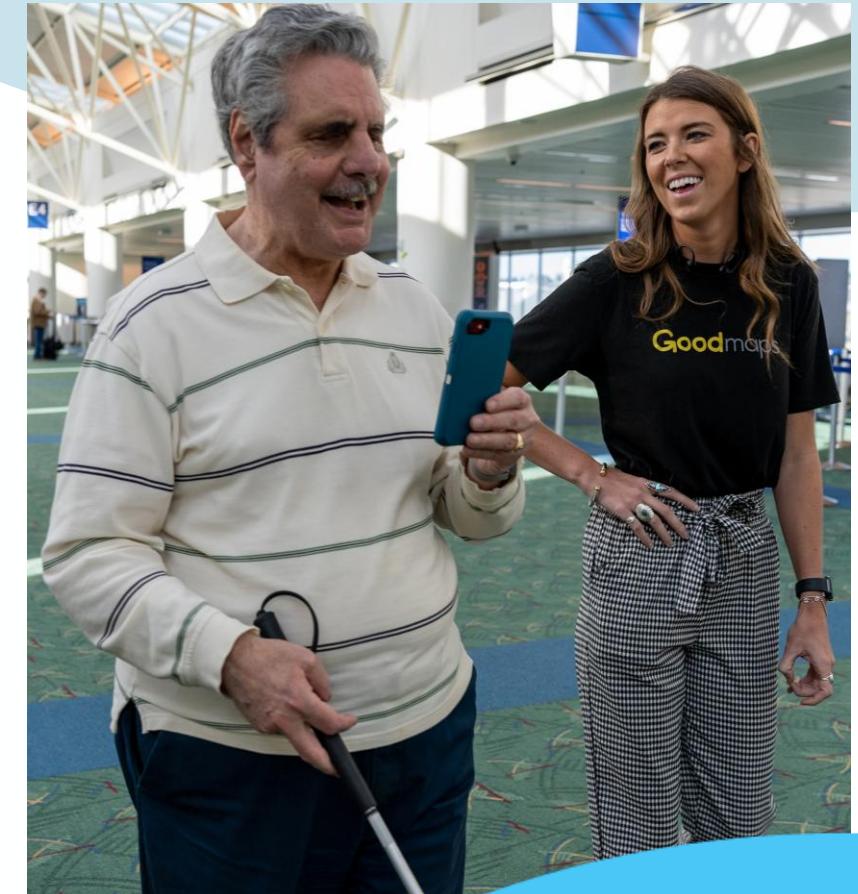
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# Community Engagement Preview

# Public engagement milestones



For each engagement milestone:

- Host **activities**
- Share information and explore **questions**
- Achieve desired process **outcomes**

# Engagement and communication toolbox

- Website, email, and social media
- Committees
- Interviews
- Online engagement
- Surveys
- Open houses and events
- Discussion groups and workshops



# Public engagement questions

- Is there an example of good engagement that you've experienced?
- What did you like about it?
- What do you see as the main barriers to engagement?
- What meeting locations or venues would you suggest?

# Next Steps

# Work plan

PAC meeting	Meeting topics	Date
1	Welcome and background	May 20, 2024
2	Baseline forecast & preliminary facilities requirements	July 16, 2024
3	Facility tour	Sept 19, 2024
4	Functional area alternatives and requirements	Oct 21, 2024
> 5	Functional area alternatives and requirements	Jan 15, 2025
6	Functional area alternatives and requirements	~ Mar 2025
7	Functional area alternatives and requirements	~ May 2025
8	Consolidated alternatives	~ July 2025
9	Preferred alternative	~ Sept 2025
10	Implementation	~ Oct 2025
11	Ongoing engagement	~ Dec 2025

Thank you for your  
participation!