



2022 Tampa International Airport Master Plan Update (MPU)

HCAA Project No. 6915 22

November 4, 2021



Agenda

Master Plan Update Definition and Process

- What is an Airport Master Plan Update?
- Why Prepare a Master Plan Update?

2012/2016 Master Plan Update Successes

2022 Master Plan Update - Overview





Master Plan Update Definition and Process

What is an Airport Master Plan Update?

“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

Responds to the local and regional air transportation needs



Serves as a roadmap for achieving HCAA's vision and airport improvement strategies for TPA



Reflects new and emerging industry trends



Ensures compliance with ongoing changes in airport design criteria



Guides future airport development and enhancements



Why Prepare a Master Plan Update?



Anticipate and prepare for future demand



Remain proactive, given the economic value of TPA as a gateway to the West Coast of Florida



Prepare a strategy for the cohesive development of the Airport



Maintain long-term financial sustainability



Leverage state and federal funding sources

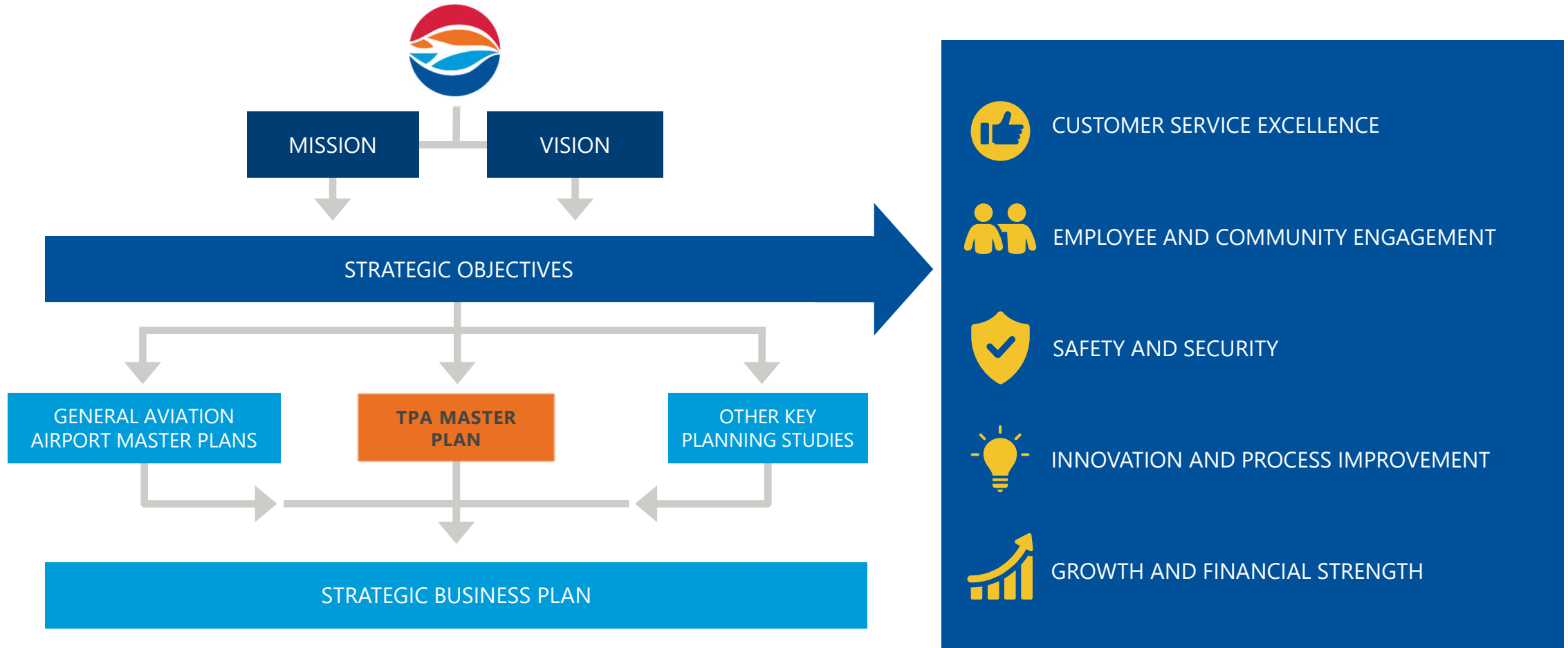
Culminates with an updated Airport Layout Plan



Federal Aviation
Administration
Airport Improvement
Program (AIP)



The Airport Master Plan – A Key Management Tool for the Authority





2012/2016 Master Plan Update Successes

2012 Master Plan Phases

Phase 1: Decongestion

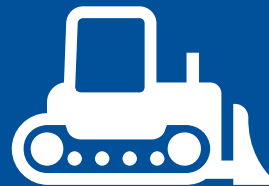
Phase 2: Enabling

Phase 3: Expansion

COMPLETE



UNDERWAY



TO BE VALIDATED



Phase 1: Decongestion

Rental Car Center



Phase 1: Decongestion

Rental Car Center

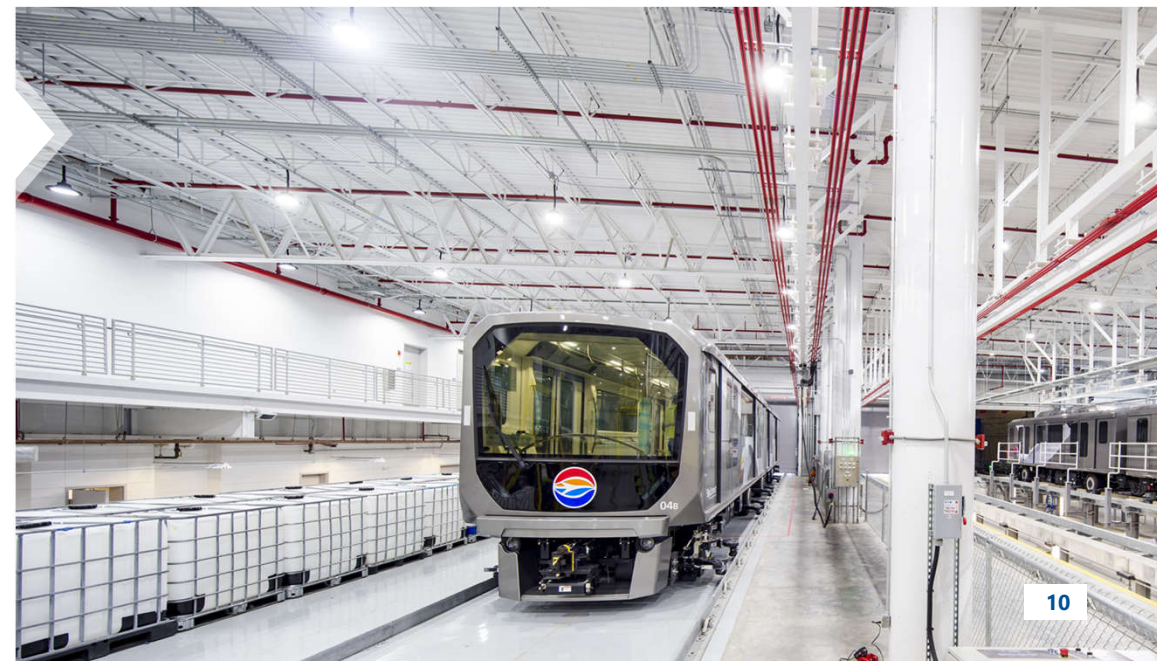
Automated People Mover



VISION



IN PLACE
TODAY

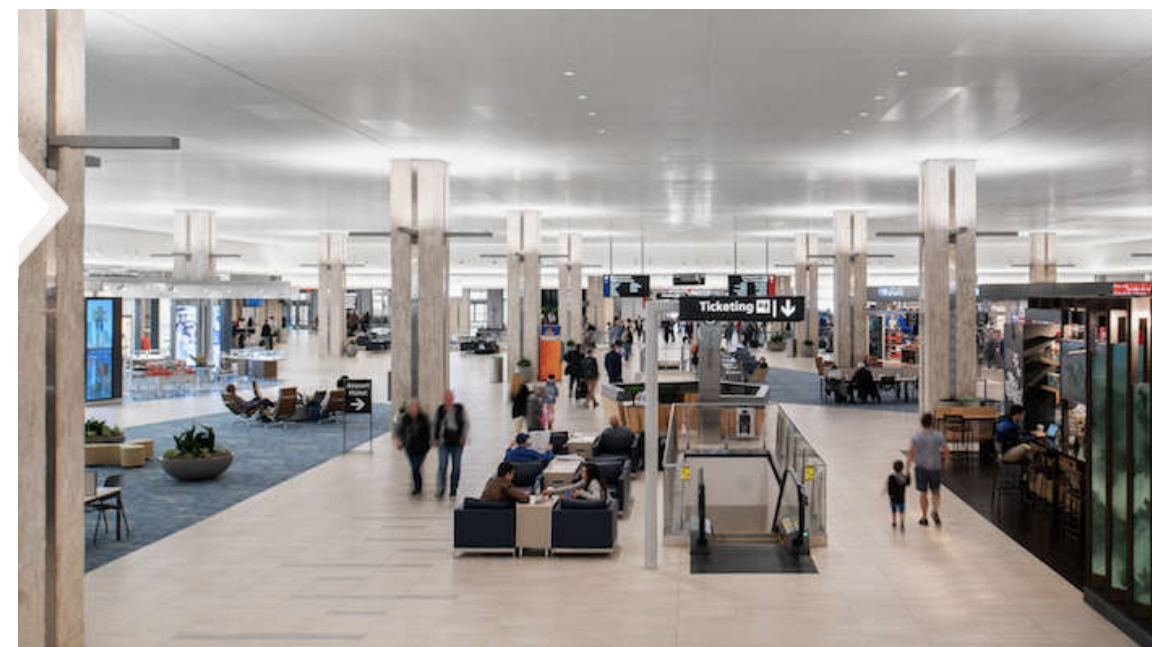
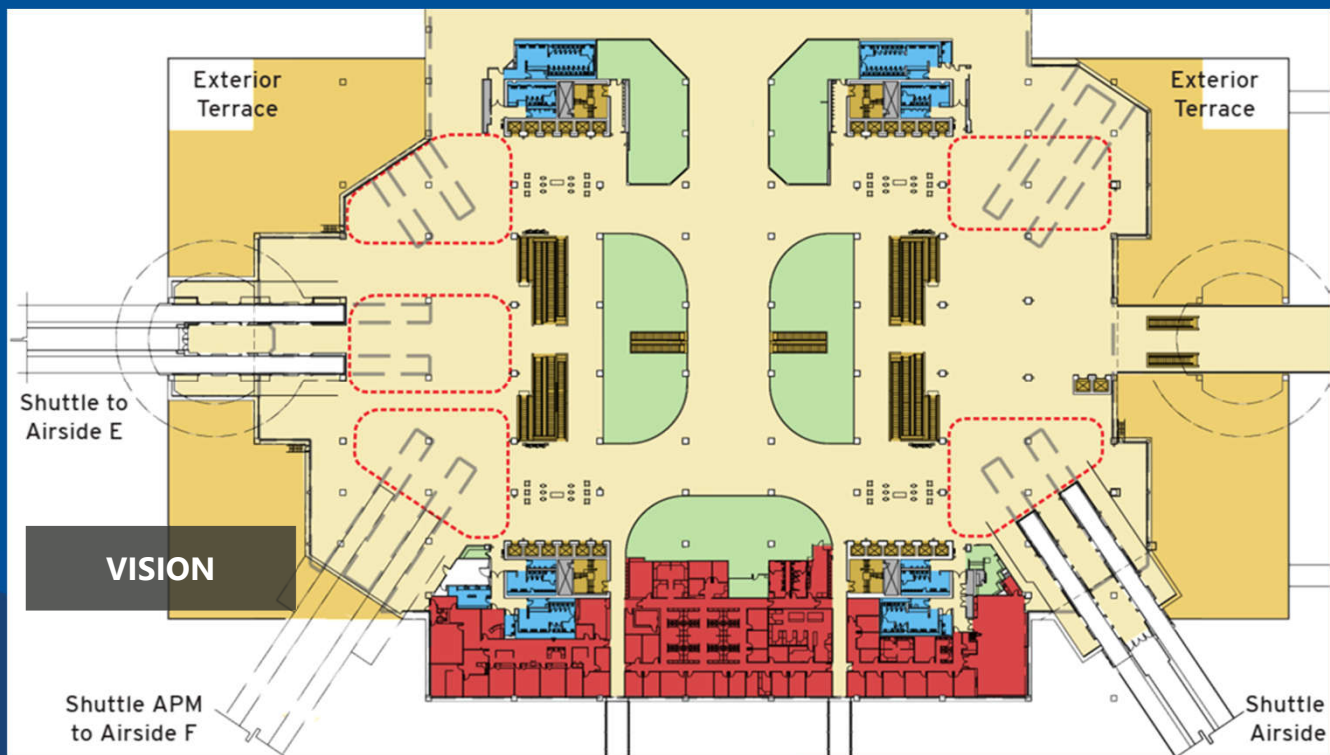


Phase 1: Decongestion

Rental Car Center

Automated People Mover

Main Terminal Expansion & Concessions Redevelopment



Phase 2: Enabling

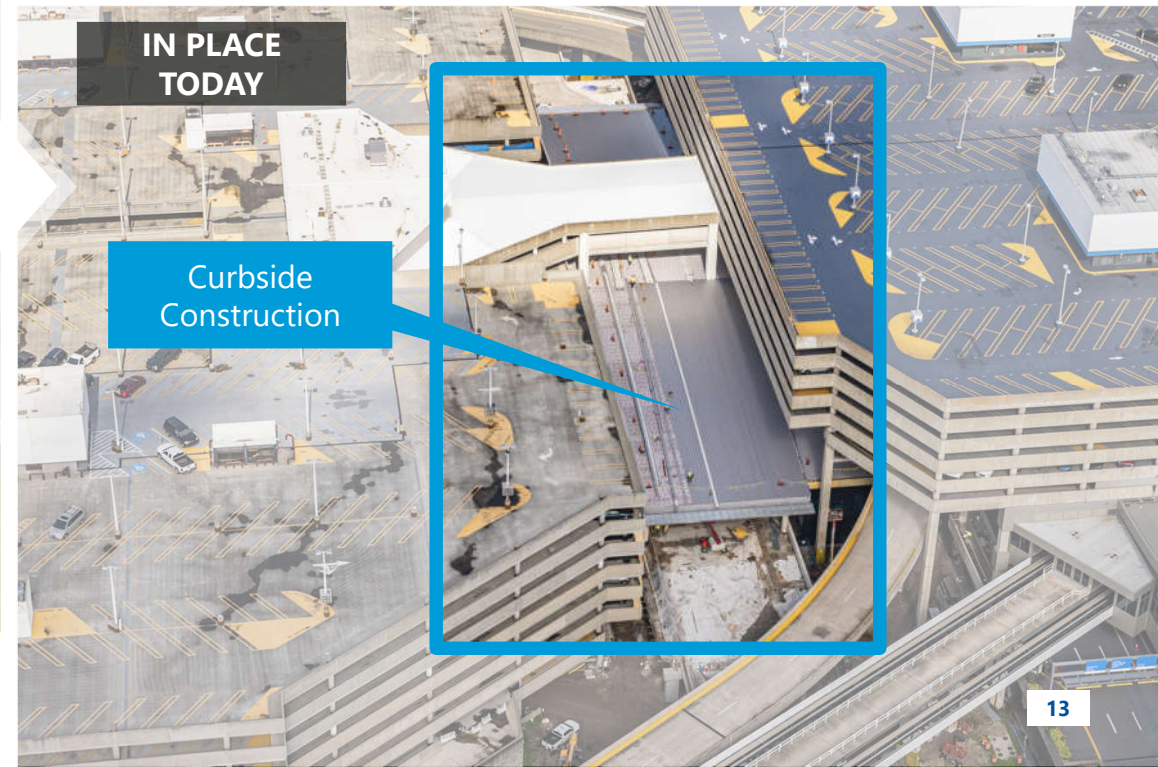
SkyCenter Development



Phase 2: Enabling

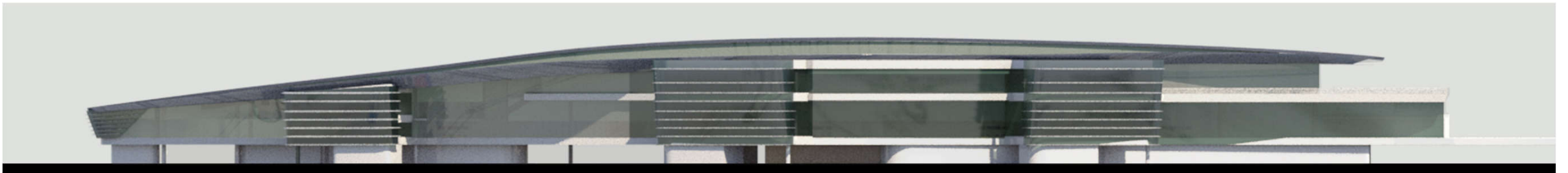
SkyCenter Development

Curbside Expansion



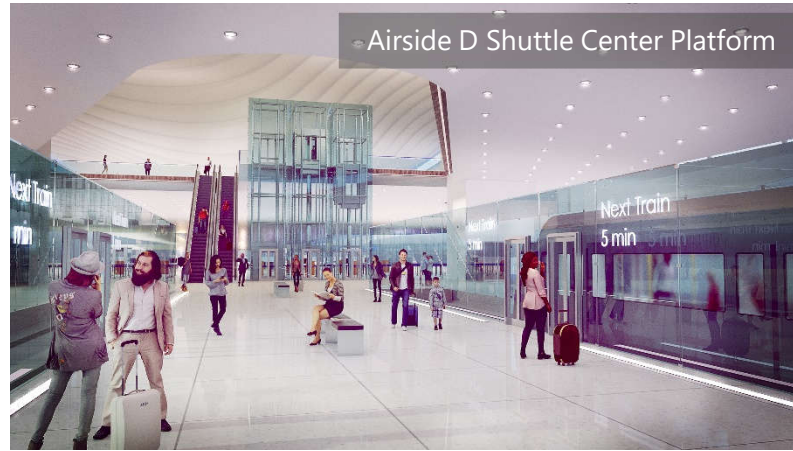
Phase 3: Expansion

New Airside D (16 domestic/international swing-gates)



Phase 3: Expansion

New Airside D (16 domestic/international swing-gates)





2022 Master Plan Update

Master Plan Update Process



Identify Industry Trends

Assess Future Aviation Demand

Establish Future Needs and
Further Enhancements



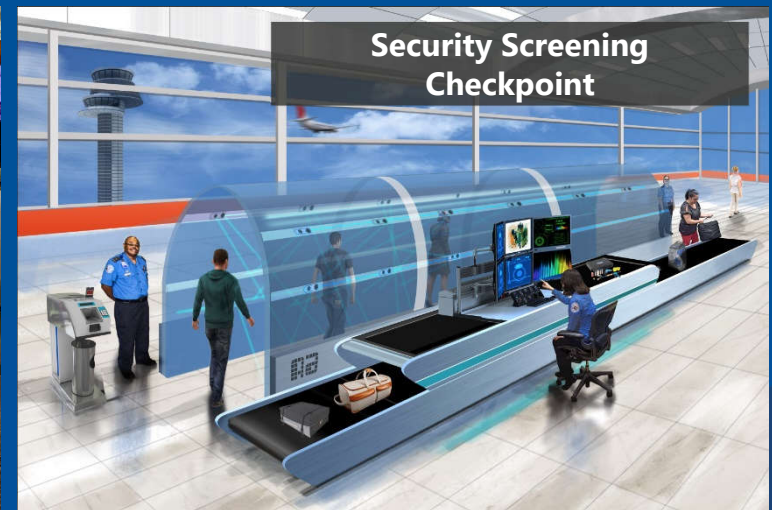
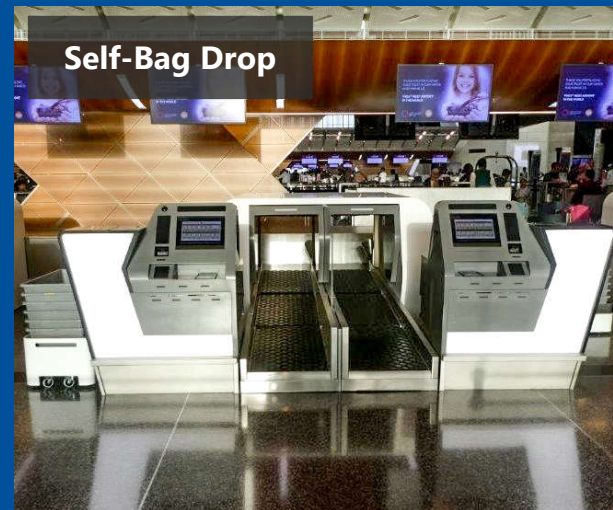
Create a Cohesive
Long-Term Airport
Development Strategy



Develop Capital
Improvement Plan

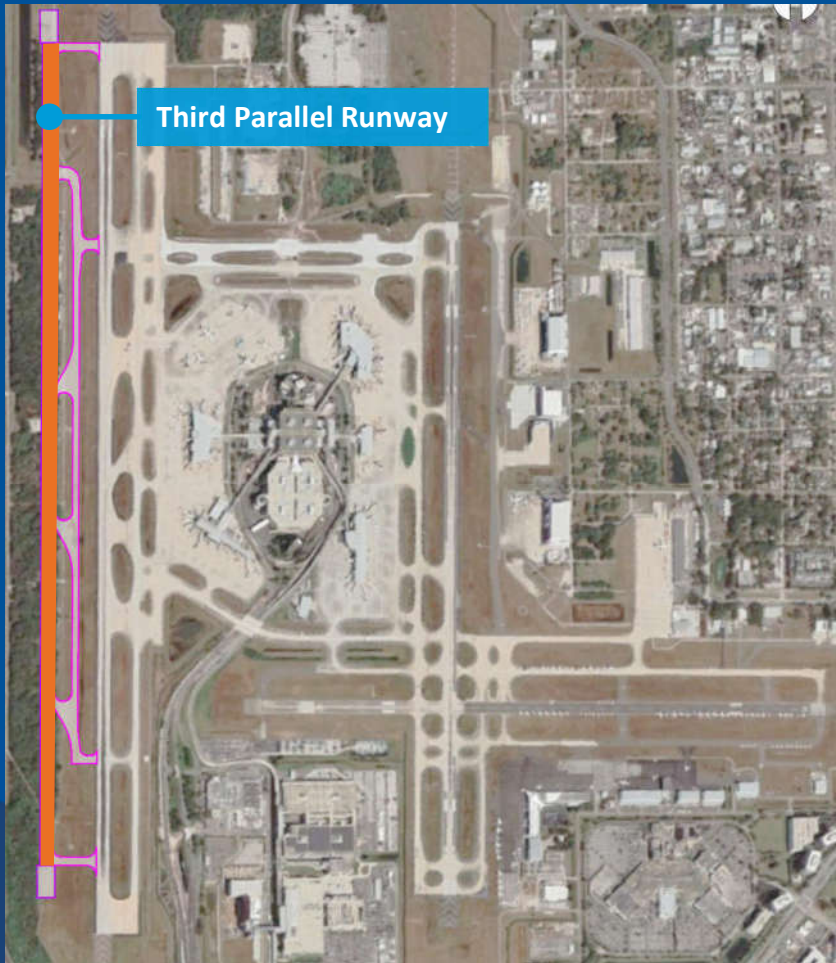


Innovative and Emerging Technologies



Airfield Focus Areas

Assess Future Airfield Capacity
(Timing for third parallel runway)



Review Existing Airfield Layout for Compliance
with FAA Design Requirements



Terminal Focus Areas

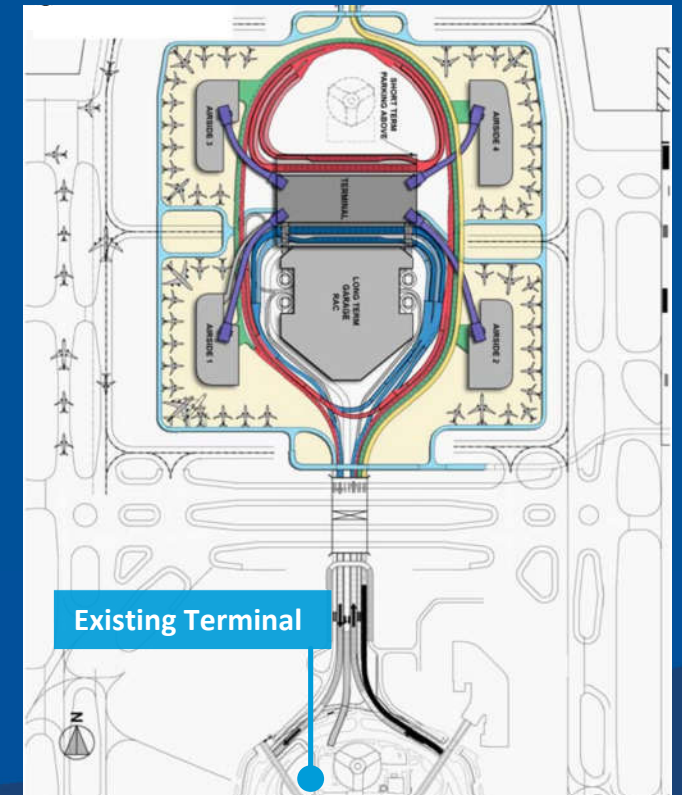
Assess Existing Terminal Capacity



Reassess Airside D Timeline



Future Terminal Requirements and North Terminal Implementation

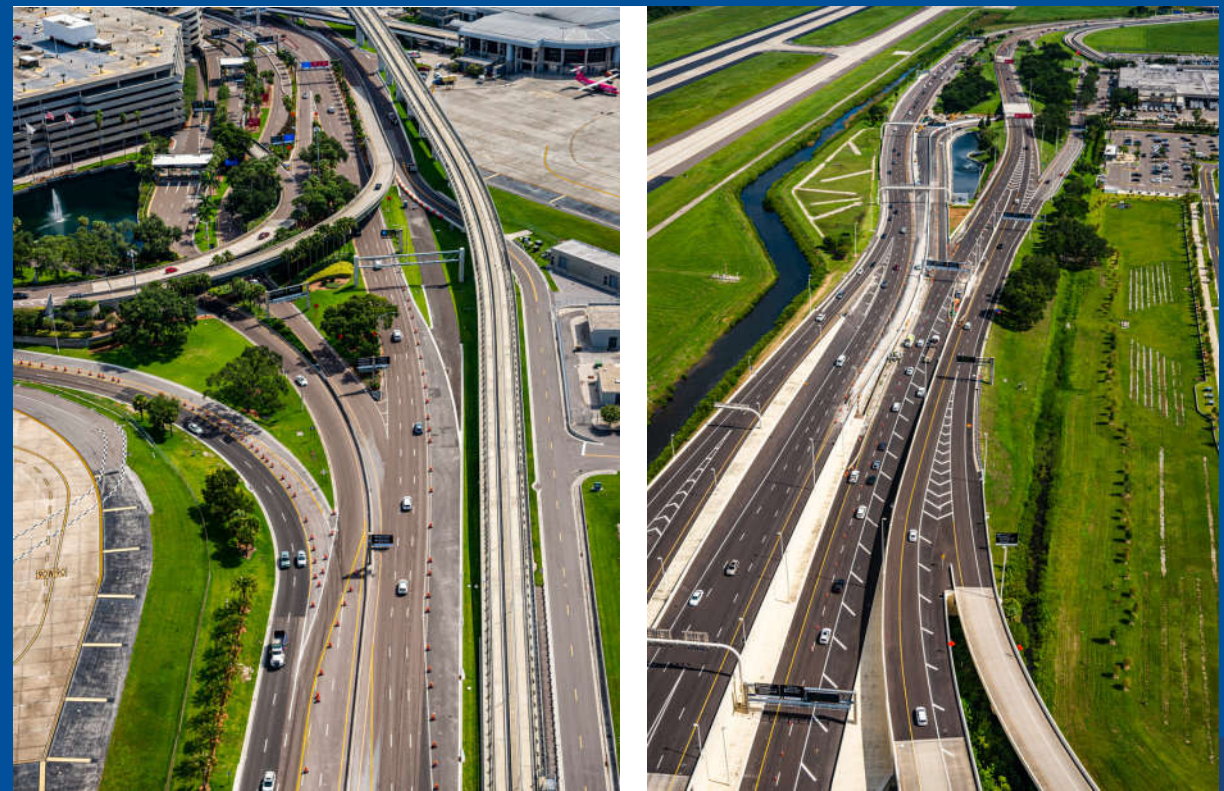


Landside Focus Areas

Assess Future Ground Transportation and Parking Requirements



Identify Future Access and On-Airport Circulation

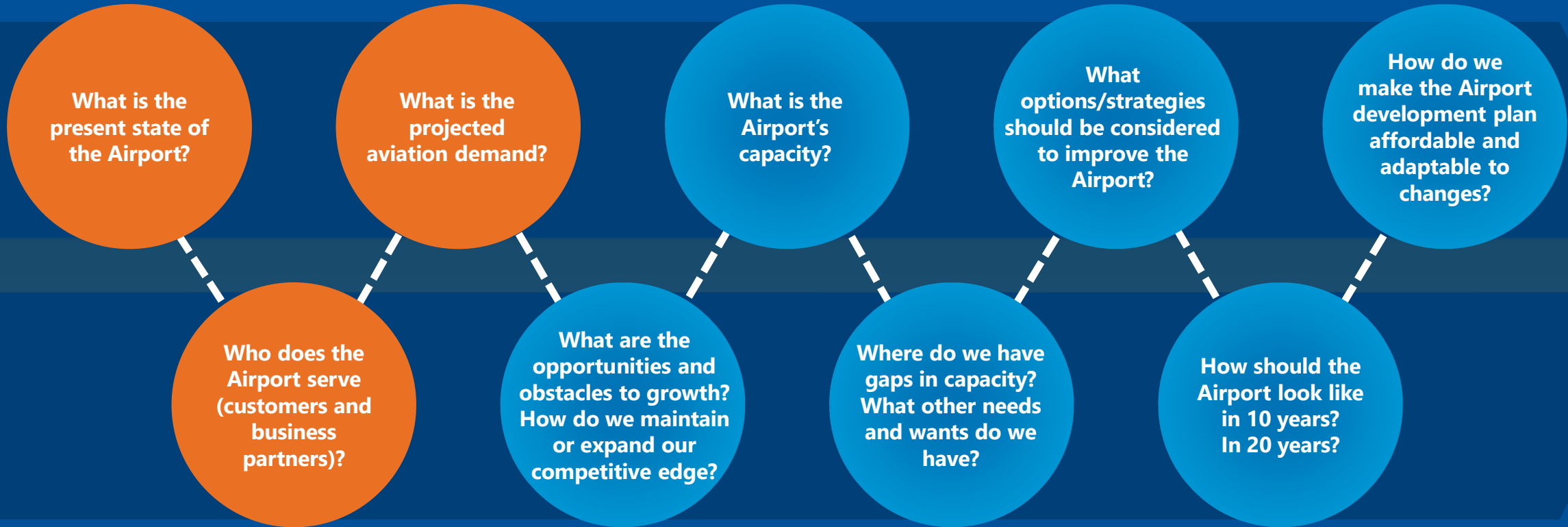


Other Aviation Business Sectors

Assess 20-Year Capacity Needs and Opportunities for Additional Airport Enhancements



What Questions will the Master Plan Update Answer?



Master Plan Tasks and Schedule

Forecast and Revalidation of Airside D

Longer Term Master Planning Analyses

Fall | Winter | Spring | Summer | Fall | Winter | Spring | Summer | Fall | Winter

FAA Forecast Review and Approval

FAA ALP Review and Acceptance

2021

2022

2023

2024



Public/Agency/Stakeholder Participation





Questions/Comments