



FLL Master Plan Update

BOARD OF COUNTY COMMISSIONERS BRIEFING

May 15, 2018

Agenda



Master Plan Schedule Overview

Progress Since Last Master Plan Briefing Workshop

Elevating FLL's Customer Experience

Next Steps



Master Plan Schedule Overview

INITIATE TASK



OCT 2017

| |
|--------------------------------|
| INVENTORY |
| FORECASTS |
| DEMAND/CAPACITY & REQUIREMENTS |
| MARKET ASSESSMENT |

COMPLETE TASK



JULY 2018

| |
|--|
| FAA APPROVED: JAN 13, 2017 |
| ADDITIONAL LAND NEEDS FOR FLL (FOR BOCC CONSIDERATION) |

PUBLIC INVOLVEMENT

| | | | |
|-----------|--------------------------------|-----------|---|
| JULY 2017 | ALTERNATIVES ANALYSIS | JULY 2018 | EVALUATION OF SHORT-LISTED CONCEPTS: MAY/JUNE 2018 BOCC AND STAKEHOLDER BRIEFINGS: MAY/JUNE 2018 FINAL REFINEMENTS: JUNE/JULY 2018 |
| JUNE 2018 | ENVIRONMENTAL & SUSTAINABILITY | SEPT 2018 | |
| JUNE 2018 | CAPITAL IMPROVEMENT PROGRAM | DEC 2018 | INTEGRATES MASTER PLAN RECOMMENDATIONS WITH OTHER IDENTIFIED CAPITAL PROJECTS AND AIRPORT NEEDS |
| JUNE 2018 | FINANCIAL FEASIBILITY | JAN 2019 | INCLUDES PRELIMINARY FINANCIAL PLAN |
| JUNE 2018 | AIRPORT LAYOUT PLAN | JAN 2019 | OFFICIAL FAA APPROVAL OF THE MASTER PLAN (BOCC APPROVAL OF FINAL RECOMMENDATIONS AND AIRPORT LAYOUT PLAN (ALP) WILL OCCUR PRIOR TO ALP SUBMISSION TO FAA) |
| JAN 2019 | FINAL REPORT | MAR 2019 | STUDY COMPLETION |

 TASK COMPLETED
 TASK IN PROGRESS
 UPCOMING TASK



Progress Since Last Master Plan Briefing Workshop

Refinement and Evaluation of Passenger Terminal Expansion Concepts

77-Gate Complex

(proposed for serving 42 Million Annual Passengers)¹

85-Gate Complex

(proposed for serving 53 Million Annual Passengers)²

95-Gate Complex

(provides practical balance with airfield)

Refined Concept

1



Refined Concept

5

**REASONS FOR
ELIMINATING
CONCEPT 5:**

Airfield constraints
(Single taxi lane)

Continuity of operations
during construction

Ability to accommodate large
aircraft (225+ passengers)

Refined Concept

6



Notes:

¹ Projected 2025 Demand Level Per the FAA Approved Master Plan Forecast

² Projected 2035 Demand Level Per the FAA Approved Master Plan Forecast



Short-listed Terminal Area Concepts

Intermodal Center

LOOKING TO THE SOUTH/SOUTHWEST



LOOKING TO THE EAST



Potential Integrated Development (To be further studied) Could include, but not be limited to:

- Multiple Modes of Ground Transportation & Rail
- Public Parking
- Employee Parking
- Bag Tagging/Drop-off for Early Arriving Passengers
- Entertainment
- Office
- Food Service Options

Landside Development Strategy

Transportation Modes Comprising Landside Development



RENTAL CAR



PARKING



TAXI



RAIL



LIMO



RIDE SHARING



 AIRPORT AREAS PRESERVED FOR POTENTIAL LANDSIDE FACILITIES DEVELOPMENT

 RESERVED FOR POTENTIAL FUTURE GATE EXPANSION

 ON-AIRPORT ROADWAY IMPROVEMENTS
 OFF-AIRPORT ROADWAY IMPROVEMENTS

Potential Palm Garage and Commercial Center Development

POTENTIAL FACILITY

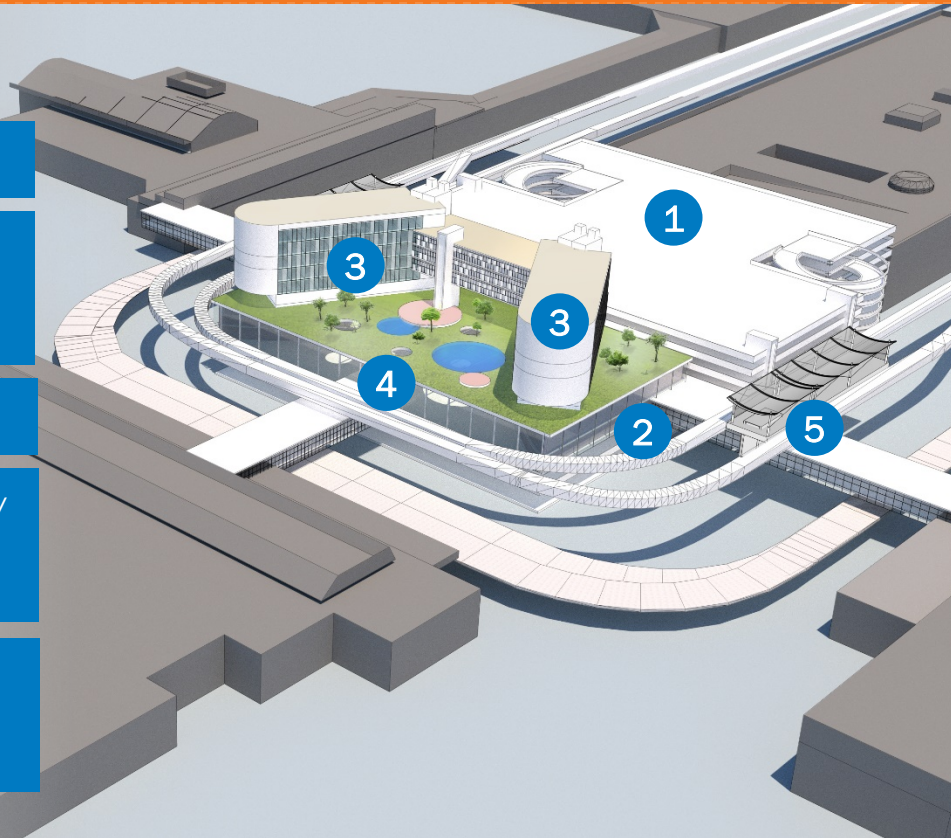
1 NEW PALM GARAGE

2 GROUND TRANSPORTATION CENTER (GTC)

3 HOTEL

4 COMMERCIAL CENTER / COURTYARD & OUTDOOR SPACE

5 AIRPORT PEOPLE MOVER STATION CONNECTION



RESULT/PROVIDES

More Parking Capacity;
Integrated with Hibiscus Garage

Consolidated & Co-located with
new Palm Garage; Reduces Road
& Curb Congestion

New Customer Offering &
Revenue Opportunity

Customer Offering & Assembly
Area For Early Arriving
Passengers

Easy Access & Connectivity to all
Terminals and Landside Facilities

Commercial Center

ILLUSTRATIVE SPACE EXAMPLES

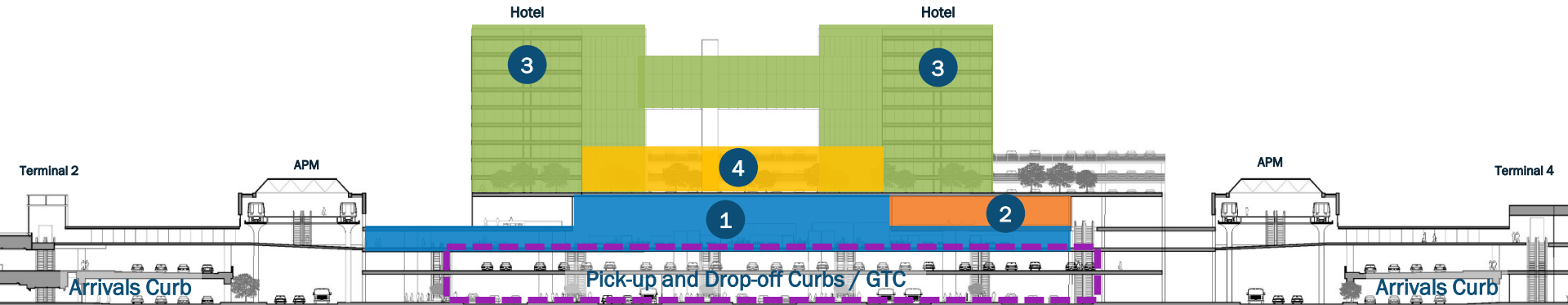


New Landside Commercial –
Transfer Level

Conference Space / Meeting Rooms

Hotel

Courtyard & Outdoor Exhibit
Palm Garage Levels Beyond



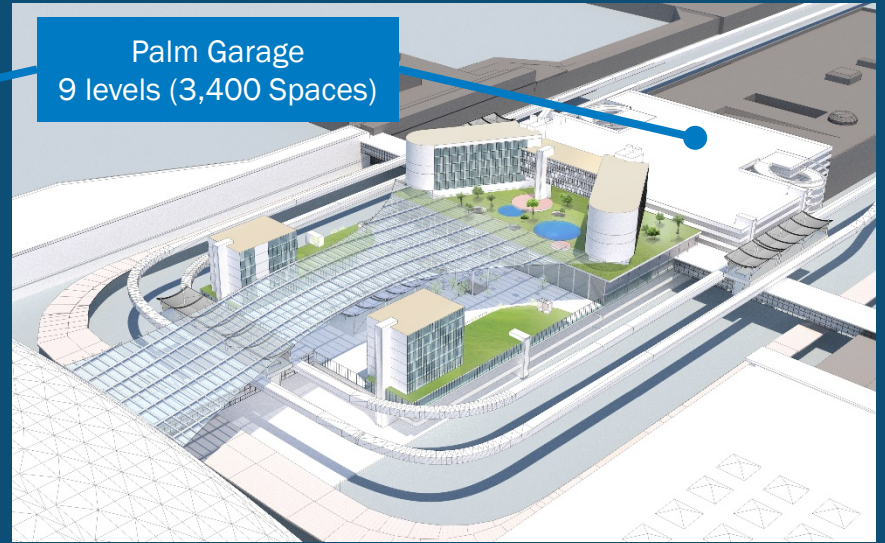
Commercial Center

POTENTIAL LANDSIDE REDEVELOPMENT



PHASE 1

Proposed Palm Garage
Redevelopment and Hotel



Palm Garage
9 levels (3,400 Spaces)

LONG-TERM EXPANDABILITY

(Dependent on Terminal 3 Redevelopment)
Landside Commercial Center

Concept 1

Terminal Development 95-GATE COMPLEX



Concept 6

Terminal Development 95-GATE COMPLEX





Elevating FLL's Customer Experience

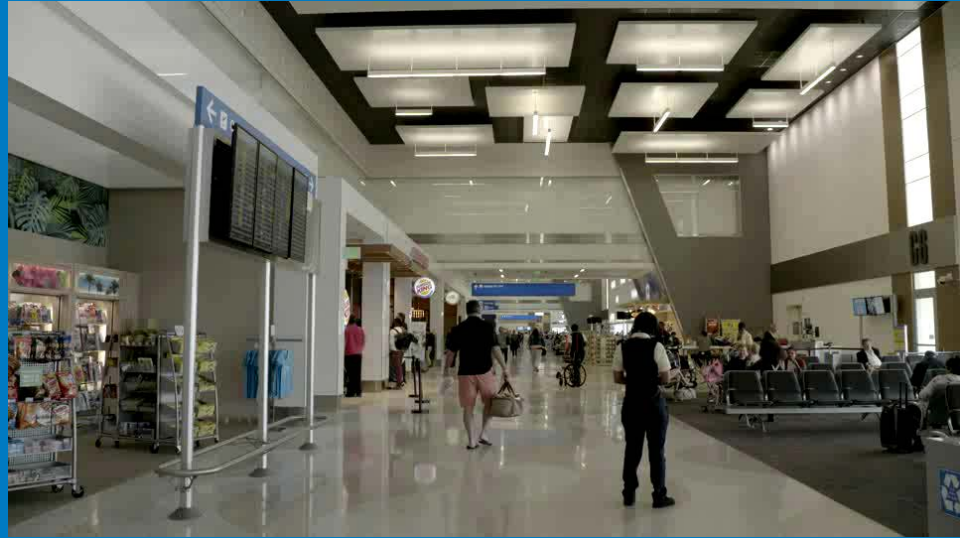


- Narrow passenger corridors
- Constrained holdrooms
- Low ceilings
- Limited food & beverage options
- Limited natural light

Existing Concourse F

Terminal 3

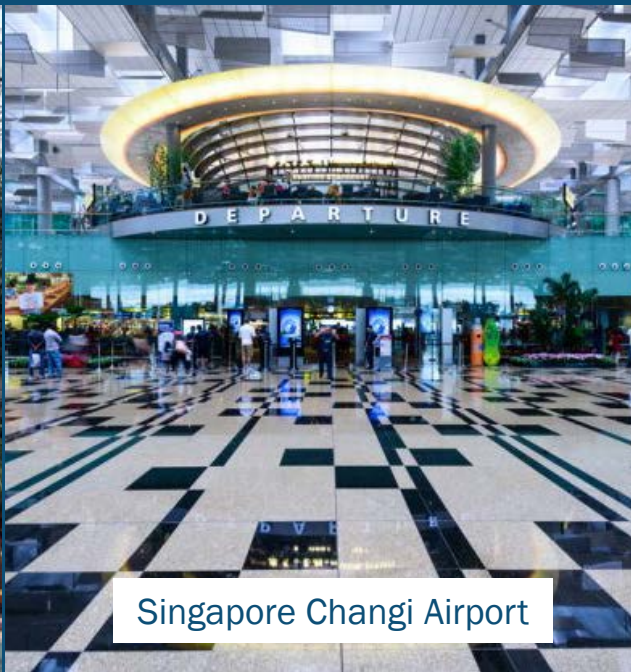
- Follows FLL terminal design guidelines
- Open interiors with high ceilings
- Expanded food & beverage options
- Design facilitates natural lighting



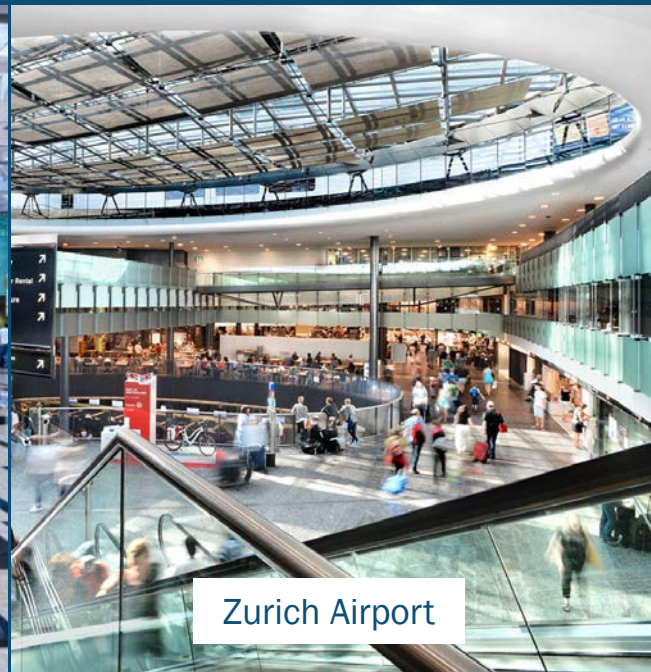
Existing Concourse G Terminal 4



Orlando International Airport



Singapore Changi Airport



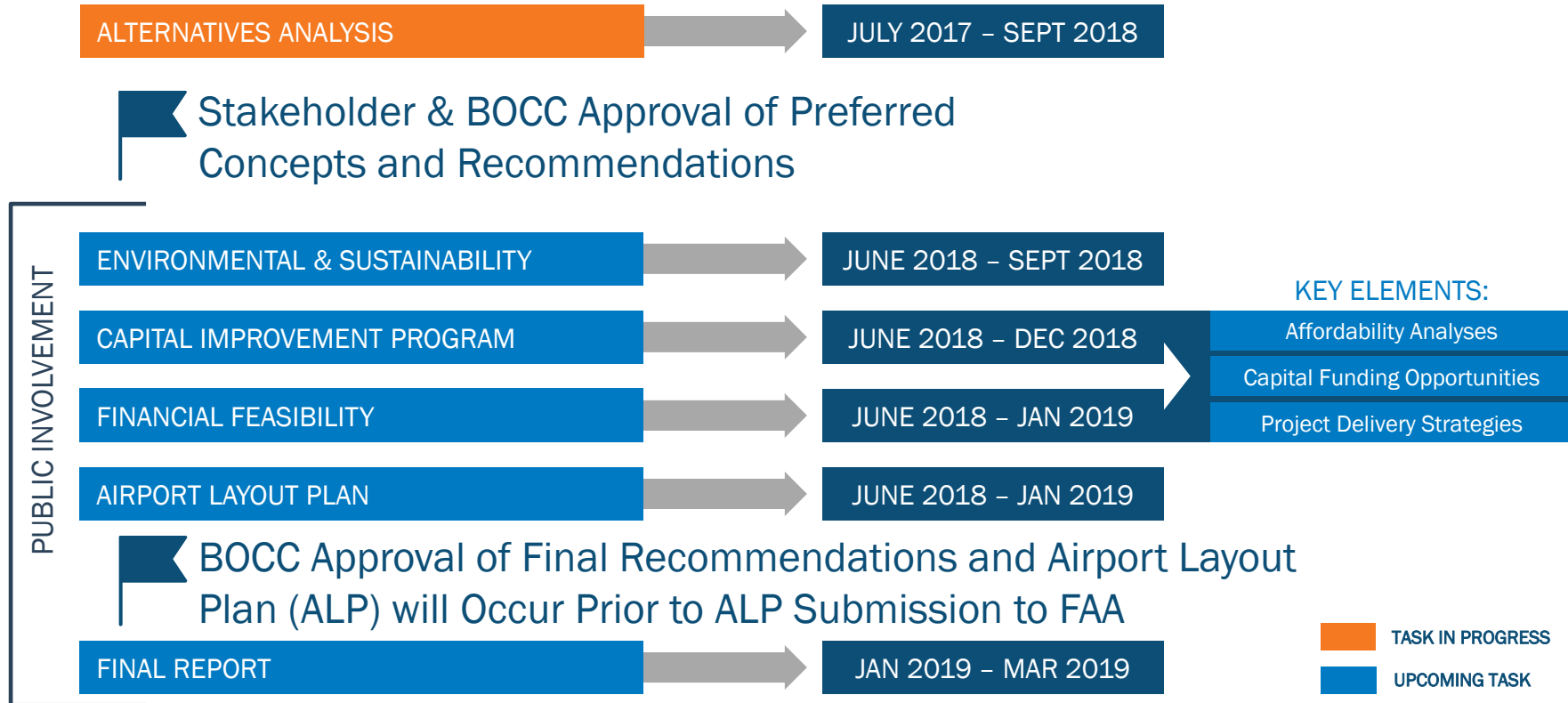
Zurich Airport

Future Opportunities – Illustrative Examples



Next Steps

Next Steps



Thank You

