Society of American Military Engineers
4th Annual Joint Training and Education Day
February 28, 2018
20-Year Passenger Forecast

Historical

2012

Projected

2016

Total Passengers (Millions)

Domestic
International

0.0
10.0
15.0
20.0
25.0
30.0
35.0

FY2018 Passenger Projection
Tampa International Airport is projected to handle 20.5 passengers during FY2018 and 28M passengers by FY2028
TPA route portfolio includes nonstop service to 83 destinations
17 international and 66 domestic | 219 daily departures

Source: Diio MI YE Jan 18 + new announced service
New Nonstop Domestic Service

Seattle
Service on Alaska Air started in 2014

San Francisco
Service on United started February 2017

San Diego
Service on Southwest started January 2018
New Nonstop International Service

**London, England**
Daily service on British Airways

**Cuba**
Commercial flights to Havana began Dec. 12

**Zurich, Switzerland**
Edelweiss launched flights in 2011

**Panama City, Panama**
Copa Airlines launched flights in 2013

**Bahamas**
Silver launched Marsh Harbour in 2015; Nassau service began May 26

**Frankfurt, Germany**
Lufthansa service began September 2015

**Grand Cayman**
Seasonal daily service on Cayman Airways in July and August

**Iceland**
Flights on Icelandair began in September
International Targets

Bogota  
Mexico City  
Lima  
Manchester  
Amsterdam  
Dublin
2012 Master Plan
Phase 1: Decongestion
2013-2018

Phase 2: Enabling
2018-2023

Phase 3: Expansion
2023-2028

A measured approach to growth
Master Plan - Phase 1

Budget: $971 million
Jobs created/saved: More than 9,000
Timeline: 2013-2018
Minority contracting: > $200 million

Projects:
• 2.6 million-square-foot Rental Car Center
• 1.4-mile Automated People Mover (SkyConnect)
• Transfer level expansion/concessions redevelopment (MTAC)

Benefits:
• Removes 2.7 million cars and buses annually from airport roads and curbsides
• Allows passenger growth by allowing rental car companies to grow
• Adds 2,400 spaces to Long-Term Parking Garage
• Accommodations for connections to future regional transportation
• Improves concessions mix to boost revenues
Master Plan Economic Impact

• Nearly 2,000 construction workers were on-site during peak days
• 9,229 total project head count
• More than 95 percent of nearly 400 contractors and subcontractors are Florida-based or have regional offices here
SkyConnect - Main Terminal Station
SkyConnect - Economy Garage Station
Customer Service Building and Rental Car Center
Rental Car Center
SkyConnect Maintenance Facility
Main Terminal Expansion and Concessions Redevelopment (MTAC)
MTAC
Transfer Level Improvements

- New Concession Spaces
- New Food Court Area
- Outdoor Terraces
- New Relocated Shuttle Lobbies
- New Restaurants
- Outdoor Terraces
MTAC

Main Terminal – Shuttle Lobby A
MTAC
Construction Walls and Graphics
Top honors for Customer Satisfaction

#2 in North America

#2 Favorite U.S. Airport

#4 Rated U.S. Airport

#2 in North America

#1 Large Hub U.S. Airport

#3 Best U.S. Airport
Main Terminal

- Chick-fil-A
- Qdoba Mexican Grill
- Starbucks
- Hard Rock Cafe
- P.F. Chang's
- Wendy's
- Mindworks
- Tech on the Go
- PGA Tour Shops The Runway
- Tampa Life

Suncoast SHRM/January 10, 2018
Hillsborough County Aviation Authority
Airside A
Airside E
Airside F
Master Plan Phase 2
Master Plan Phase 2 Overview

Curbside Expansion

Gateway Development Area
Demolish Red Side Garage - $10.6M

Features

• Demolition of 7 & 3 level post tensioned garage structure, former Airside D Guideway and vehicle exit ramp

• Project Status:
  o Early Part 2 Award: August 2, 2018 (utility relocation, etc.) with Supplemental Part 2 Award: October 4, 2018 (demolition)
  o Completion: June 2019
Curbside Expansion, Central Energy Plant Replacement and Related Projects - $303.7M

Features

• Four lane curb expansion at 4 locations with vertical circulation and connection to the Main Terminal

• Central Energy Plant, Electrical Service Bldg., FAA Parking Lot, HCAA Loading Docks and demolition of the Administration Building

• Procurement:
  o Selection: March 1, 2018
  o Award Part 1 Contract: June 7, 2018
  o Anticipated Part 2 Contract: Summer 2019
Roadway Expansion - $49.8M

Features

- Add additional lane to the Parkway and new exit lanes from the Gateway Development Area

- Procurement:
  - Award Part 1 Contract: May 3, 2018
  - Anticipated Part 2 Contract: Early 2019
Gateway Development Area – $121.7M

Features: Authority Projects

• Site preparation, Remote Commercial Curb, Atrium and Pedestrian Bridge

• Procurement (single construction package)

• Design Status:
  - Award construction: September 6, 2018
  - Complete site prep phase: April/May 2019
  - Complete remaining work: Late 2019
Gateway Development Area – Office, Hotel, Atrium, Curb
Gateway Development Area – Pedestrian Bridge and Atrium
Gateway Development Area – Atrium
Office Building RFP

Developer Selection Process

- Selected Developer will commence planning and design: September/October 2018
- Tentative date to begin construction: April/May 2019
- Construction complete: November 2020
Crossfield Taxiway A and Bridge

Features

- New taxiway including bridge similar to existing Taxiway B
- Project Status:
  - Bidding: March 2019
  - Award construction contract: May 2019
Phase 2 Master Schedule (Preliminary)

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Name</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Q1</td>
<td>Q2</td>
<td>Q3</td>
<td>Q4</td>
<td>Q1</td>
<td>Q2</td>
<td>Q3</td>
</tr>
<tr>
<td>8830 17</td>
<td>Demo Red Side Garage and Airside D APM Guideway</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8225 17</td>
<td>GDA Site Development &amp; Authority Facilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8226 17</td>
<td>GDA Office Complex</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8200 18</td>
<td>FAA Parking Lot</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8205 18</td>
<td>Energy Plant &amp; Loading Dock Building</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8900 18</td>
<td>Demo Admin Building</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8230 18</td>
<td>Blue Side Curb Expansion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8230 18</td>
<td>Red Side Curb Expansion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8235 18</td>
<td>Widen George Bean Parkway</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8235 18</td>
<td>Additional Exit Lanes South of Post Office</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8225 18</td>
<td>Crossfield Taxiway A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend:
- Yellow: Procurement
- Red: Construction
- Blue: Design
- Blue triangle: Milestone Completion Date Based on Original Schedule

SAME 4th - Annual Joint Training and Education Day / February 28, 2018
Hillsborough County Aviation Authority
Master Plan Phase 3
Airside D

- 16 swing-gate, three-level facility that contains security screening checkpoint, international processing and checked baggage screening
Evaluating Delivery Method Selection
Design/Build vs. Design/Bid/Build

1. Focus on delivery method selection process and ultimate goals:
   - Demand driven capital development program
   - Cost effective development
   - Customer convenience
   - Minimize disruption to operations
   - High-payoff results:
     - On-time or aggressive schedule driver
     - On-budget
     - High quality/value
     - Risk reduction
Evaluating Delivery Method Selection
Design Build vs. Design/Bid/Build

2. Complexity & Phasing
   • How will phasing impact operations and the customer
   • What impact will operations have on the project

3. Customer Service Needs
   • What are the operational constraints
   • How much coordination is required with stakeholders

4. Budget/Cost Impacts
   • What are the financial risks
   • What are the financial/operational impacts if late
   • What is the potential for cost growth and exposure to claims/litigation

5. Time Critical
   • What is the financial risk
   • What are the financial/operational impacts if late
Design Build Approach – Part 1 and Part 2

Part 1 Contract (design phase):
- Selection based on qualifications
- Includes all necessary planning, design up to 90% or 100%, permitting, development of a guaranteed maximum price (GMP) and established completion date
- GMP is developed based on competitive subcontractor bidding or estimates depending on complexity and timing

Part 2 Contract (remaining design and construction phase):
- Construction services (including fabrication as well as remaining design)
- All major construction elements are competitively bid
- Contractor’s general conditions and fees
- On complex or time sensitive projects Supplemental Part 2 contracts should be considered
Design-Build Experience

- First design build projects commenced in 1998
- Over 40 design build projects completed or in progress
- Over $2 billion in design build projects at Tampa International Airport
Recent and Near Term Design-Build Projects

• **Master Plan Phase 1:**
  – Rental Car Center and APM Program: $731.3M
  – Main Terminal Expansion and Concessions Redevelopment Program: $144.5M
  – Taxiway J Reconstruction: $34.9M
  – South Terminal Roadway Improvements: $26M
  – Reclaim Levels 1 and 2 in Long Term Parking Garage: $15.6M

• **Master Plan Phase 2:**
  – Main Terminal Curb Expansion and Central Energy Plant Replacement: $303.7M
  – Roadway Expansion: $49.8M
  – Red Side Rental Car Garage Demolition: $10.6M

• **Total Master Plan Phase 1 and 2: $1.3B**
Then go to any of the following under "More Information":

⇒ Airport Business
⇒ Procurement
⇒ Master Plan
⇒ Capital Development
⇒ Many others

www.tampaairport.com
Society of American Military Engineers
4th Annual Joint Training and Education Day
February 28, 2018