

# Master Plan Phase 2 Workshop

April 18, 2017



Hillsborough County Aviation Authority Tampa International, Peter O. Knight, Plant City and Tampa Executive Airports



Hillsborough County Aviation Authority Tampa International, Peter O. Knight, Plant City and Tampa Executive Airports

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# Tampa Airport: A Legacy of Innovation and Convenience

# Tampa Airport: A legacy of Innovation and Convenience

The world's first airport people mover



We're providing new ways to move people

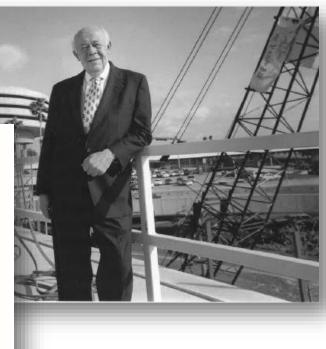


while we provide new ways to help you prepare food.



Westinghouse... we serve people

Aspennig in LDFR, November 11, 199



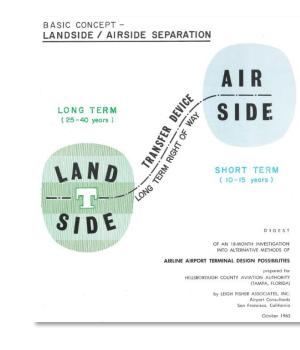


## Tampa Airport: A legacy of Innovation and Convenience 1963 – Study of Existing Terminals

In 1963 the Aviation Authority Board initiated an 18 month study to investigate alternative methods for terminal design

Conclusions:

- Designers created terminal facilities that compromised passenger convenience
- Walking distances were excessive
- Passenger processing was inefficient and time consuming
- Terminals facilities were inconvenient and confusing





## Tampa Airport: A legacy of Innovation and Convenience 1963 – Guiding Principles Established

The following guiding principles were established as a test against terminal design alternatives:

- **Human values**: Place highest priority on passenger physical and psychological comfort
- **Airline / Airport considerations**: Right size facility planning which takes all current and future operations into account
- Airport financial considerations: Design terminals to maximize revenues



Human Values: "Elements relating to psychological comfort may be considered to include waiting times, speed and ease of check in, ease of locating flight departure room, and any other factor which contributes to the psychological comfort or discomfort of the passenger"

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## Tampa Airport: A legacy of Innovation and Convenience Master Plan Phase 1

Rental Car Center:

- Travel time from bag claim to vehicle: 10 15 min
- One level customer service lobby with all available brands and room for expansion
- Baggage check in facilities with direct connection to future transit

SkyConnect:

- 4 minute trip time from Main Terminal to Rental Car Facility
- Eliminated 2.7M annual vehicle trips from roadways
- Designed to accommodate future expansion
- Main Terminal Expansion and Concessions Redevelopment:
- Increase circulation to meet 20 year demand and maintain high level of service
- Expand concessions to meet demand and increase revenues





6

## Tampa Airport: A legacy of Innovation and Convenience Master Plan Phase 2

Main Terminal Curb Expansion:

- New "express lanes" to meet 20 year curb demand and maintain a high level of service
- Convenient connection to and from the Main Terminal for travelers that are not checking bags

Gateway Development Area:

- Office building and hotel with convenient access to SkyConnect and future transit
- Convenient service station with direct access from Spruce
   Street
- Enables commercial development

Roadway Expansion:

Expand roadways to meet 20 year demand and maintain a high level of service







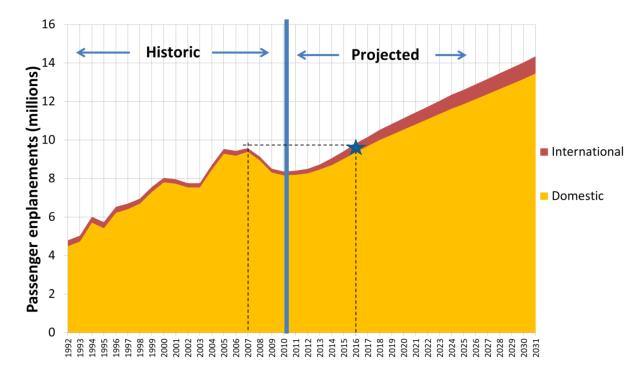
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# 2012 Master Plan

## **20-Year Passenger Forecast**

The FAA-approved forecast calls for doubling passengers



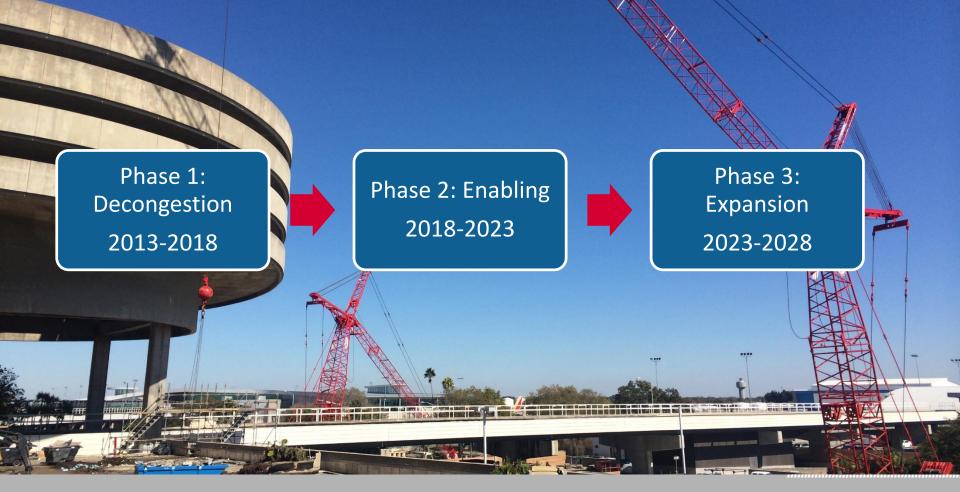


## **2012 Master Plan Update findings**

- Main Terminal: Nearing maximum capacity
- Rental Cars: At capacity with no ability to expand
- Curbside: Nearing maximum capacity
- Roadways: Nearing maximum capacity
- Long Term Parking: At maximum capacity
- International Facilities: Nearing capacity
- Security Screening: Nearing capacity
- Gates: Additional capacity needed

Board of Directors approved the Master Plan on April 4, 2013 and phase one was launched







Phase I: Decongestion 2013-2018 \$971 million

- Consolidated Rental Car Center
- Automated People Mover
- Taxiway J Reconstruction
- Transfer Level Expansion and Concessions Redevelopment





#### Phase II: Enabling 2018-2023 \$452 million

- Relocate Air Traffic Control Tower
- Relocate HCAA Service Building Offices
- Relocate Hotel
- Demolish Red Side Garage and prepare site for terminal complex expansion





#### Phase III: Expansion 2023-2028 \$1.2 billion

- North expansion of Main Terminal with consolidated checkpoint
- New Airside D and Expanded Airside C
- New CBP/FIS and new curbside roadways in Main Terminal
- George Bean Parkway improvements







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# 2016 Master Plan Refresh

# 2012 Master Plan Update

Airport management initiated a master plan review in early 2016 – year long process

- Validated Forecast
- Validated Plan
- Calculated Cost Escalation
- Evaluated Phase II and III projects considering cost, convenience and core principles:
  - FAA Tower
  - Consolidated Check Point
  - Marriott Hotel
- Studied and modeled curbside roadways
- Developed new phasing



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TIA officials taking time to re-evaluate master plan



Tampa International Airport CEO loe Lopano and marketing director Chris Mininer visit the food court under construction at the airport. JAY CONNER/STAFF

By Yvette C. Hammett | Tribune Staff Published: April 9, 2016 Updated: April 10, 2016 at 10:48 AM

TAMPA — With passenger growth in 2015 exceeding projections, Tampa International Airport officials are reevaluating plans for future upgrades.

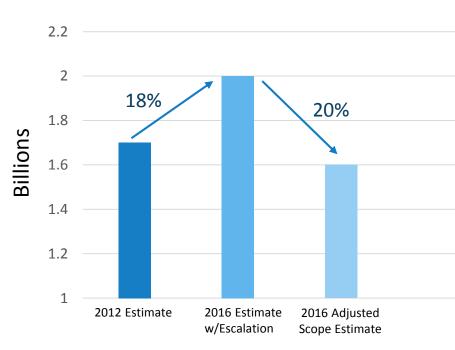
The \$1 billion initial phase of the airport's master plan appears to be on target for a smooth landing over the next year, so it's time to determine if the plan to move forward is solid, airport CEO Joe Lopano said.

That re-evaluation will take place over the next four months with the help of two consulting firms: one considering physical enovations and expansion, the other looking at whether the airport is targeting the right geographic regions to attract new nonstop flights to Tampa.



# **Master Plan Refresh Conclusions**

- Phase 2 is still an enabling phase in anticipation of Phase 3
- 2012 passenger forecast is on target
- Passenger growth is stimulated by larger aircraft
- Curbs remain stressed with additional lanes needed sooner to meet demand
- Gates still not needed until Phase 3
- Adjusted phasing and scope achieves significant cost savings and less complexity





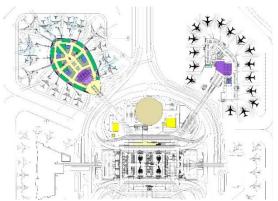
# Master Plan Refresh

Airside D

- 2012 update:
  - 16 gates with 10 swing gates
  - Main Terminal north expansion for consolidated security screening checkpoint for Airside C and D and centralized FIS Airside C modifications
  - Required relocation of the Hotel and ATCT
- 2016 refresh:
  - 16 swing gates
  - Three level facility with security screening checkpoint, international processing and checked baggage screening
  - Does not require Main Terminal north expansion, Airside C expansion, relocation of the hotel or ATCT
  - Less impact to customers during construction



**Previous** Plan



New Plan



18

Phase I: Decongestion 2013-2018 \$971 million

- Consolidated Rental Car Center
- Automated People Mover
- Taxiway J Reconstruction
- South Terminal Support Area Roadway Expansion
- Transfer Level Expansion and Concessions Redevelopment





Phase II Refresh: Enabling 2018-2023 \$543 million

- Demolish Red Side Garage and prepare site for curb expansion
- Relocate Authority offices to the Gateway Development Area
- Central Energy Plant and Related Work
- Main Terminal curb expansion
- Roadway expansion
- Taxiway A





20

Phase III Refresh: Expansion 2023-2026 \$798 million

 New 16 gate Airside D with shuttle, passenger screening checkpoint, CBP/FIS and checked baggage screening facilities





# Adjusted Master Plan phasing

Phase 2	2012 Update	2016 Refresh	Notes
Demolish red side garage	Yes	Yes	
Office Building	Yes	Yes	
Widen George Bean Parkway	Yes	Yes	Previously in Phase 2 and 3
Central Energy Plant	Yes	Yes	
Demolish airport admin bldg	Yes	Yes	
Curbside expansions	Yes	Yes	Previously in Phase 3
Taxiway A (formerly Taxiway M)	Yes	Yes	Previously in Phase 3
Consolidated checkpoint	Yes	No	
Demolish hotel	Yes	No	
Relocate ATC	Yes	No	
Phase 3			
Airside D	Yes	Yes	
Internat'l processing in Airside D	No	Yes	
Airside C expansion	Yes	No	



# Phase 2 Projects – Cost Estimates

laster Plan Phase II Projects Total Project		al Project Cost
Demolish Red Side Garage	\$	10,631,000
<ul> <li>Gateway Development Area</li> </ul>	\$	121,769,000
Parkway Expansion	\$	23,836,000
<ul> <li>Gateway Development Area - Exit Lane South of Post Office</li> </ul>	\$	25,985,000
• Taxiway A	\$	57,840,000
Central Energy Plant	\$	90,477,000
<ul> <li>Demolish Airport Administration Building</li> </ul>	\$	5,334,000
Blue Side Curb Expansion	\$	74,040,000
Red Side Curb Expansion	\$	119,789,000
Loading Dock Building	\$	9,515,000
• FAA Parking Lot	\$	4,570,000
Total Phase	II Ś	543,786,000

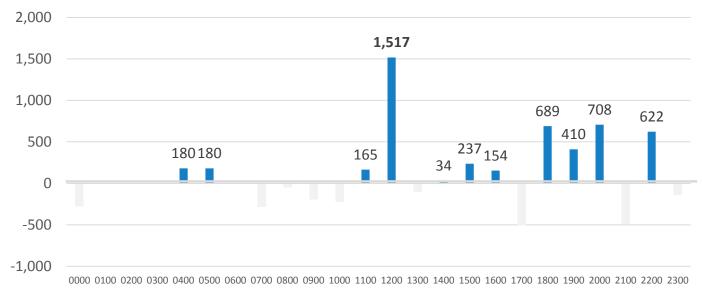
Other Potential Near-Term Capacity Projects		Total Project Cost	
Airside C Restroom Expansion	\$	15,000,000	
Airside A SSCP Expansion	\$	24,444,000	
Airside F RON Parking	\$	24,333,000	
Airside F Expansion	\$	30,346,000	
Airline / Airside Rebalancing	\$	29,662,000	
Total Other Potential Near Term Capacity	\$	123,785,000	
Grand Total	\$	667,571,000	





# TPA's peak hour demand is up 85%

Airline seat capacity has grown more during the noon hour since 2012.



Change in Arriving Airline Seat Capacity by hour (March 2017 vs. March 2012)

#### Source: DIIO Airline Schedule Database (March 2017 vs. March 2012)



# **Curbside Expansion Requirements**

2012 Master Plan vs 2016 Refresh

- 2012 plan (phase 3):
  - International arrival curb: Four lanes
  - All other curb locations: Two lanes
  - Not preferred due to pedestrian crossings
- 2016 Refresh (phase 2):
  - Increase traffic levels and congestion since 2012 due to the following changes:
    - No dwell time allowed at the curb
    - More flights and larger aircraft at peak periods
    - TNC vehicles
  - Four lane curb expansion required at all locations with vertical circulation and direct connection to the Main Terminal

Location	Curbside Expansion Requirements 2012 MP (2026)	Curbside Expansion Requirements 2016 MP Refresh (2023)
Blue Arrivals	2	4
Blue Departures	2	4
Red Arrivals	4	4
Red Departures	2	4
TOTAL	10	16

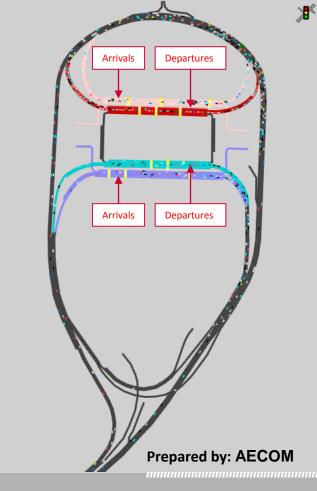


#### Curbside Analysis - 2023 Existing Curb and Roadways – No Expansion

2023 Growth projection - 24 million annual passengers

Levels of Service		
Location	2023	
Blue Arrivals	Е	
Blue Departures	D	
Red Arrivals	Е	
Red Departures	D	

- A Drivers experience no interference; B Relatively free flow
- C Double and Triple lane parking; D Restricted movement
- E Significant delays; F Unable to access curb



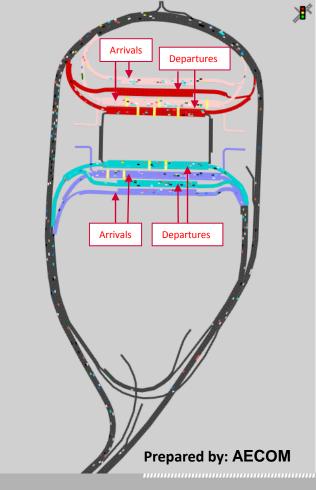


#### Curbside Analysis - 2023 Curb and Roadway Expansion Complete

2023 Growth projection - 24 million annual passengers

Levels of Service		
Location	2023	
Blue Arrivals	С	
Blue Departures	А	
Red Arrivals	В	
Red Departures	А	

- A Drivers experience no interference; B Relatively free flow
- C Double and Triple lane parking; D Restricted movement
- E Significant delays; F Unable to access curb

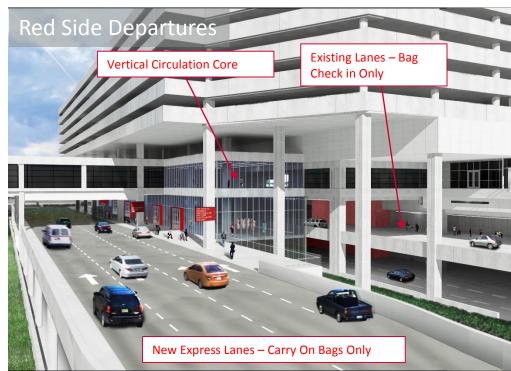




# Curbside Expansion - \$194 million

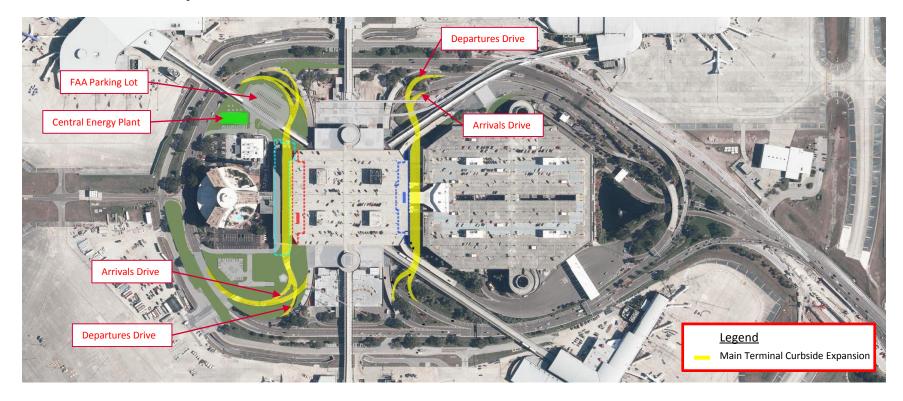
#### Features

- Four lane expansion at all locations with vertical circulation and connection to the Main Terminal
- Express curbs for travelers with carry on bags
- Pedestrian crossing at existing inner lanes prohibited
- Meets level of service requirements for the twenty year period and beyond





## Curbside Expansion – Overall Plan





#### Curbside Expansion Red Side – East View





#### Curbside Expansion Red Side – West View





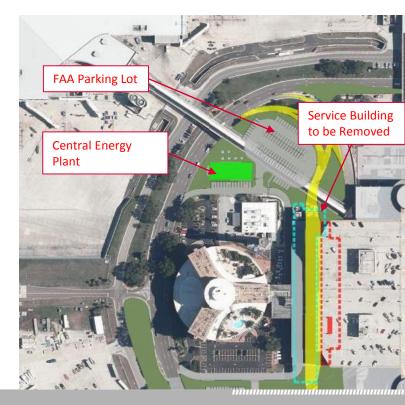
## Curbside Expansion Blue Side – West View





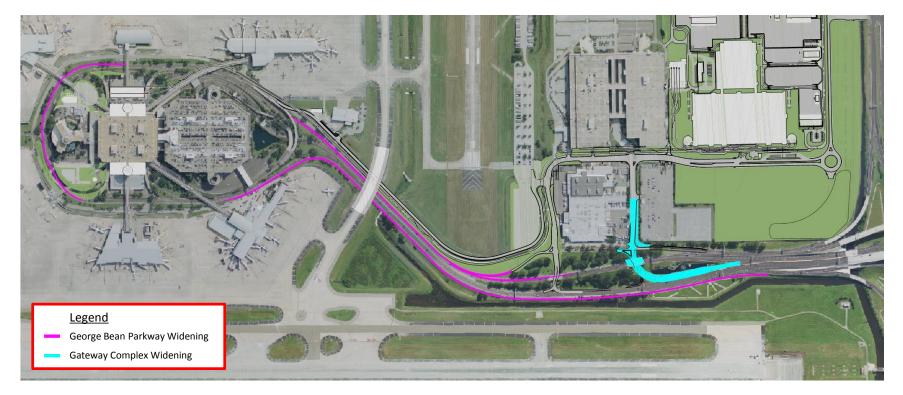
# Central Energy Plant and Related Projects - \$110 million

- The existing Main Terminal energy plant must be relocated to accommodate the red side curb expansion
- Includes the following:
  - New three story energy plant: \$90.5M
  - FAA employee parking lot: \$4.5M
  - Main Terminal loading dock: \$9.5M
  - Demolish the administration building: \$5.3M
- Will accommodate required heating, cooling and power for the Main Terminal





# Roadway Expansion - \$49.8 million





# Gateway Development Area - \$121.7 million





# Gateway Development Area – Plan

Aviation Authority projects:

- Site preparation for 17 +/- acres: \$13.5M
- Remote commercial curb: \$12.1M
  - 700 feet long / 5 lanes wide
- Atrium and Pedestrian Bridge: \$53.6M
- Build-out of Aviation Authority facilities and operations centers: \$42.5M

Developer projects:

- 240,000-square-foot, 8-story office building
- Convenience store/gas station: +/- 6,000 square feet
- Two hotels
- Other retail: +/- 20,000 square feet





#### Gateway Development Area – Hotel and Office





#### Gateway Development Area – Trail





#### Gateway Development Area – Retail Space





#### Gateway Development Area – Design Services Support Amend Stantec Agreement

- The Board authorized a multi-year agreement with Stantec on May 2, 2013 to provide commercial real estate development consulting and design services:
  - Phased program to subdivide and develop areas around Tampa Airport
  - Services include land planning, preliminary and final design, permitting and construction phase services
  - Current not-to-exceed authorization: \$2.6 M
  - The 5-year agreement expires March 2018
- In support of the necessary design for the Gateway program, the Board will be asked to consider the following changes to Stantec's agreement on May 4, 2017:
  - Increase the not to exceed authorization from \$2.6 M to \$18 M
  - Extend the contract term from March 2018 to March 2021



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#### 2012 Master Plan Update - Phase 2 Plan of Finance

#### Draft Master Plan Phase 2 Funding Plan

Project	FDOT Grants	AIP Grants	PFC Pay-As-U- Go	PFC-Supported Bonds	Authority Revenue- Supported Bonds	Authority Funds Pay-As-U-Go	Total
Demolish Red Side Garage				\$6,408,673	\$4,222,327	-	\$10,631,000
Gateway Development Area					\$121,769,000		\$121,769,000
FAA Parking Lot					\$4,570,000		\$4,570,000
Central Energy Plant				\$32,828,000	\$57,649,000		\$90,477,000
Loading Dock Building					\$9,515,000		\$9,515,000
Blue Side Curb Expansion					\$74,040,000		\$74,040,000
Red Side Curb Expansion					\$57,956,000	\$61,833,000	\$119,789,000
Demo Administration Building				\$4,771,000	\$563,000		\$5,334,000
Crossfield Taxiway Bridge A (CIP)	\$3,587,000		\$54,253,000				\$57,840,000
Widen George Bean Parkway					\$23,836,000		\$23,836,000
Additional Exit Lane South of Post Office					\$25,985,000		\$25,985,000
Total - Master Plan Phase II Projects	\$3,587,000	\$0	\$54,253,000	\$44,007,673	\$380,105,327	\$61,833,000	\$543,786,000
Airside A SSCP Expansion					\$24,444,000		\$24,444,000
Airside F RON Parking					\$24,333,000		\$24,333,000
Airside C Restroom Expansion					\$15,000,000		\$15,000,000
Airside F Expansion	\$15,173,000		1	\$5,673,000	\$9,500,000		\$30,346,000
Airline / Airside Rebalancing	\$14,831,000				\$14,831,000		\$29,662,000
Other Potential Near-Term Capacity Projects	\$30,004,000	\$0	\$0	\$5,673,000	\$88,108,000	\$0	\$123,785,000

Grand Total	\$33,591,000	\$0	\$54,253,000	\$49,680,673	\$468,213,327	\$61,833,000	\$667,571,000



# **Financial Projections**

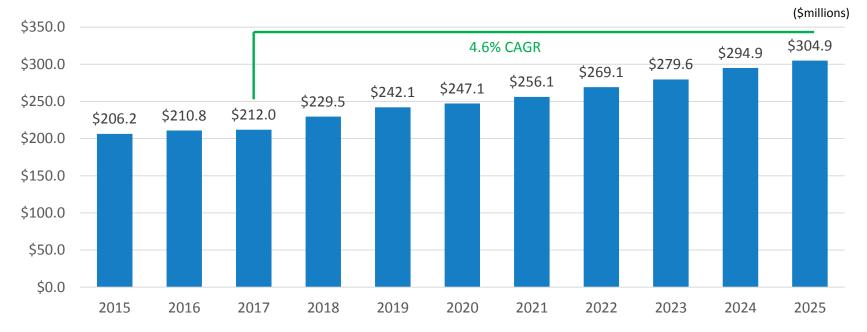
The financial plan for Phase 2 will result in continued strong ongoing financial performance for the Authority

- Primary Assumptions (2017-2025)
  - Bottom-up revenue forecasts
    - Revenue projections include incremental revenues from only known revenue sources
    - 4.6% projected annual growth rate vs 4.7% average annual growth rate 2012-2016
  - Combination of bottom-up and top-down expense forecasts
    - 5.6% projected annual increase in O&M vs. 5.5% average annual growth 2012-2016
  - 2.1% average annual passenger traffic growth vs 3.0% average annual growth 2012-2016
  - All debt for Phase 2 will be issued in the October 2018 timeframe
    - No interest rate assumptions made regarding the refunding of \$150 million of existing 2008 bonds
  - Projected annual ongoing capital project funding levels capped at \$35 million versus an annual average of \$24.7 million 2012-2016



## **Operating Revenues**

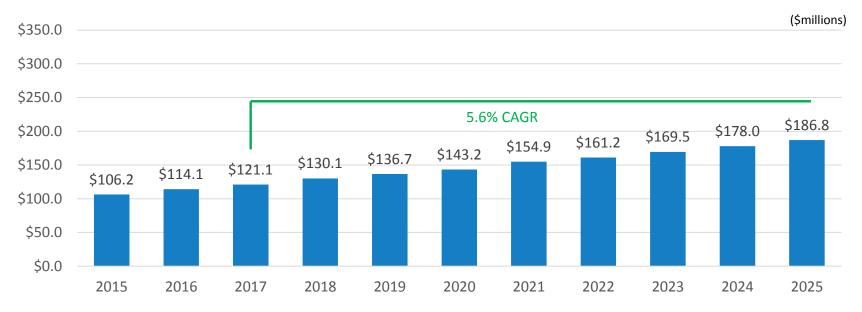
Authority operating revenues are projected to increase by 43.8% between 2017 and 2025, with growth primarily related to increased passenger traffic and concessions spend





## **Operating Expenses**

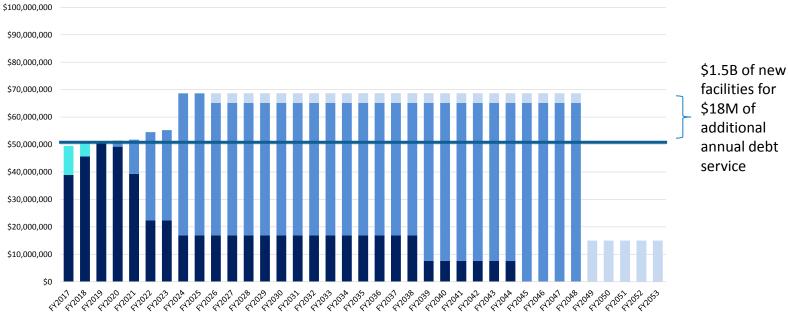
Over the same 2017-2025 period, the Authority's operating expenses are projected to grow by 54%, partially driven by incremental expenses coming online with the opening of the ConRAC





# The Authority's Projected Debt Service Profile

The Authority will be issuing additional Senior lien Revenue GARBs to fund a majority of the \$667.6 million total project cost in Phase 2



Existing GARBs SunTrust Note 2018 GARBs 2023 GARBs



# The Authority's Total Revenue Supported Senior Debt

After the 2018 and 2023 issuance of new revenue supported GARB debt which will provide funding for both Master Plan Phase 2 as well as multiple non-Master Plan projects, the Authority's Senior lien debt will total approximately \$1 billion

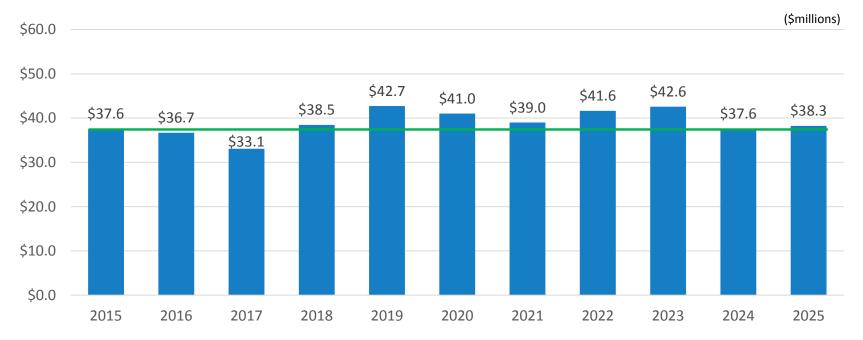


Note: Balances as of October 1<sup>st</sup>, the first day of the listed Fiscal Year



# "Bottom Line" Projections

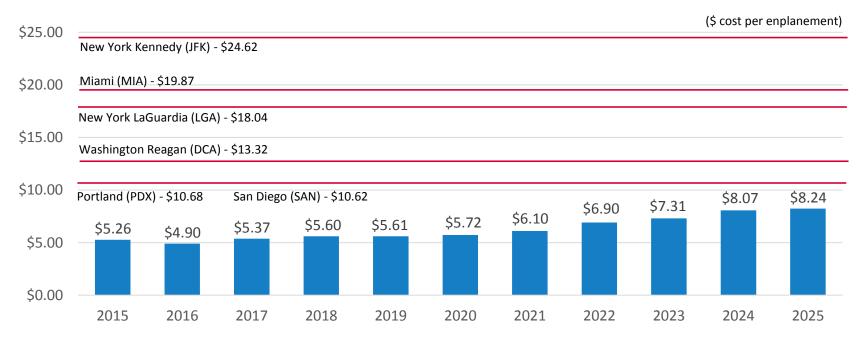
The Authority's pre-capital bottom line is projected to remain at current levels even after the increase in annual debt service related to Phase 2





## **Cost Per Enplaned Passenger**

Airline cost per enplanement is projected to increase to approximately \$8 per passenger with the introduction of Phase 2, still very competitive even at today's levels





### Summary Profit & Loss Statement

In summary, after Phase 2 is completed, the Authority will be able to maintain its strong financial performance and competitive airline costs

Summary Results	F١	Y2015	I	Y2016	I	FY2017		FY2018		FY2019	I	FY2020	F	Y2021	I	FY2022		FY2023	F	Y2024	F	Y2025
(dollars in thousands)	A	Actual	Р	rojected	Р	rojected	Р	rojected	P	rojected	Р	rojected	Pro	ojected	P	rojected	Р	rojected	Pi	rojected	Pr	ojected
Revenues	1	206,212		210,840		211,991		229,462		242,137		247,140		256,117		269,126		279,556		294,933		304,883
Operating Expenses	(:	106,209)		(114,119)		(121,098)		(130,117)		(136,662)		(143,216)	(	154,876)		(161,159)		(169,515)		(178,039)		(186,836)
Gross Profit		100,003		96,721		90,892		99,345		105,475		103,924		101,241		107,966		110,041		116,894		118,047
Net Debt Service		(52,077)		(50,004)		(49,520)		(50,716)		(50,881)		(51,428)		(51,768)		(54,530)		(55,266)		(68,675)		(68,679)
Funds Available		47,926		46,717		41,373		48,629		54,594		52,495		49,473		53,436		54,774		48,219		49,368
Estimated Airline Revenue Sharing		(9,975)		(9,172)		(7,700)		(9,625)		(11,310)		(10,907)		(9,937)		(11,247)		(11,642)		(10,040)		(10,568)
ASIP Waivers		(384)		(847)		(613)		(550)		(550)		(550)		(550)		(550)		(550)		(550)		(550)
Funds Available for Capital And Reserves		\$37,567		\$36,698		\$33,060		\$38,454		\$42,734		\$41,038		\$38,987		\$41,639		\$42,583		\$37,629		\$38,250
Capital Improvements funded by Authority funds		(26,850)		(31,422)		(30,169)		(35,000)		(31,548)		(30,000)		(30,600)		(31,212)		(31,836)		(32,473)		(33,122)
Capital Equipment funded by Authority funds		(2,411)		(1,661)		(2,474)		(2,418)		(2,378)		(2,425)		(2,474)		(2,523)		(2,711)		(2,884)		(3,054)
Contribution to Reserves	\$	8,306	\$	3,615	\$	416	\$	1,036	\$	8,808	\$	8,613	\$	5,913	\$	7,904	\$	8,036	\$	2,272	\$	2,074
Reserves Used to Fund Capital Program													\$	(15,459)	\$	(15,458)	\$	(15,458)	\$	(15,458)		
Cumulative Authority Reserves	\$	33,585	\$	37,200	\$	37,617	\$	38,653	\$	47,461	\$	56,073	\$	46,527	\$	38,973	\$	31,551	\$	18,365	\$	20,438
Cost Per Enplaned Passenger (2017 Business Plan Update)	\$	5.26	\$	4.90	\$	5.37	\$	5.60	\$	5.61	\$	5.72	\$	6.10	\$	6.90	\$	7.31	\$	8.07	\$	8.24
Cost Per Enplaned Passenger (2012 Business Plan)	\$	5.78	\$	6.16	\$	6.34	\$	6.11	\$	6.02	\$	6.60	\$	6.52	\$	6.51	\$	7.14				
Variance		-9.0%		-20.4%		-15.3%		-8.4%		-6.9%		-13.3%		-6.4%		6.0%		2.3%				
Senior Debt Coverage		1.89		2.31		2.12		1.97		1.99		1.95		1.87		1.91		1.92		1.65		1.67





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## 2017 Business Plan Update - Introduction

- The Authority maintains and updates a Strategic Business Plan which:
  - is governed by Authority policy P1003
  - provides guidance as to the future strategic direction of the Authority airports
  - provides detailed guidance to the Board regarding how the most recent Master Plan will be implemented
  - contains Authority financial projections for between a 5 and 10 year period from Plan date of issue
  - contains an overview of the Authority's 20-year rolling capital program including both Master Plan and non-Master Plan projects as well as projected funding sources
- The existing Business Plan was presented to the Board in January, 2014, and contained the original scope, timeline and cost for Master Plan Phases 2 and 3

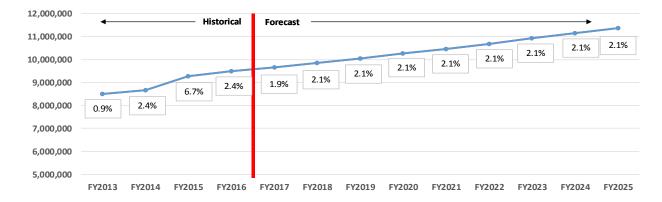
- Authority Policy P1003 states that "The Strategic Business Plan will be updated and presented to the Board for adoption following any master plan updates. In addition, the Chief Executive Officer or designee may also bring updates of the Strategic Business Plan to the Board at their discretion"
  - The scope, timeline and program cost changes to Master Plan Phases 2 and 3 versus the original Phases 2 and 3 require that the Authority issue an update to the existing Business Plan document
  - Board members will receive a draft version of the Business Plan update document at the end of this Board Workshop
  - Management will provide a more detailed presentation of the information contained within the Business Plan document at the May Board meeting



- The 2017 Business Plan Update includes:
  - updated Phase 2 and 3 scope, timeline and project costs versus the 2013
     Strategic Business Plan
  - financial projections for the 2017-2025 period
    - Financial projections contained within the forecast period match those seen earlier today in the Master Plan Phase 2 presentation
  - an overview of the Authority's 20-year capital program, with funding sources
    - The capital program is broken out into two horizons, with Horizon 1 covering projects between 2017 and 2026; and Horizon 2 containing projects between 2027 and 2037



- Highlights of the 2017 Business Plan Update include;
  - A 2.1% average annual passenger traffic growth rate through the 2017 through 2025 forecast period
    - Domestic Market 1.9% projected annual average growth
    - International Market 5.2% projected annual average growth





- A \$3.4 billion total capital development program between 2017 and 2037
  - \$1.6 billion in Master Plan Phase 2 and 3 projects
  - \$1.8 billion in non-Master Plan projects
  - Approximately 61% of the 20-year Authority capital program is projected to be funded through either the use of Authority generated funds, or via the issuance of new revenue supported

Funding Source	Amount	Percentage of Total
Bond Funds	\$1,305,908,096	38.3%
Authority Funds	\$778,598,880	22.8%
FDOT Grants	\$579,786,356	17.0%
PFC Funds	\$388,869,589	11.4%
AIP Grants	\$229,271,838	6.7%
Public/Private/P3	\$84,722,500	2.5%
TSA Grants	\$42,001,772	1.2%
Grand Total	\$3,409,159,030	

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Fiscal	Annual
Year	Program Cost
2017	\$220,658,180
2018	\$404,270,900
2019	\$337,630,649
2020	\$129,466,649
2021	\$76,960,050
2022	\$850,682,912
2023	\$176,528,394
2024	\$112,031,814
2025	\$78,342,195
2026	\$53,780,531
2027	\$287,523,315
2028	\$63,262,613
2029	\$130,627,937
2030	\$105,773,095
2031	\$159,987,687
2032	\$82,265,637
2033	\$24,076,010
2034	\$30,056,180
2035	\$20,480,510
2036	\$14,024,224
2037	\$50,545,548

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GARBs



Hillsborough County Aviation Authority Tampa International, Peter O. Knight, Plant City and Tampa Executive Airports

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## Master Plan Phase 2 Schedule

#### Master Plan Phase 2 Schedule – FY 17 & FY 18

Proj.																													
No.	Project Description		FY 1				FY 1					′ 19				Y 20			FY 21					FY 22					23
		Qtr :	2 Qtr	3 Qtr	r 4 Qt	tr 1 Q	tr 2 C	Qtr 3 C	Qtr 4	Qtr 1	Qtr 2	2 Qtr 3	3 Qtr	4 Qtr	1 Qti	r 2 Qt	r 3 Q	tr 4 (	Qtr 1	Qtr 2	Qtr 3	3 Qtr	4 Qtr :	1 Qtr 2	Qtr 3	3 Qtr 4	Qtr 1	Qtr 2	Qtr 3 Qtr
1	Demo Red Side Garage and Airside D APM Guideway																												
	FY 17																												
2	Gateway Development Area - Site Development																												
	FY 17																												
3	Gateway Developmnet Area - Developer Office Building and Garage																												
	FY 17																												
4	Gateway Developmnet Area - Pedestrian Walkway, Atrium, Commercial Curb, NOC, AOC and Office TI																												
	FY 17												П				П												
5	Central Energy Plant																												
	FY 18																												
6	FAA Parking Lot																												
	FY 18																												
7	Main Terminal Loading Dock Building																												
	FY 18																												
8	Demo Administration Building																												
	FY 18																												
9	Blue Curbside Expansion																												
	FY 18																												
10	Red Curbside Expansion																												
								Pr	00	ent				D	)es	igr	۱				Cor	nstr	struction						



#### Master Plan Phase 2 Schedule – FY 18

Proj. No.	Project Description		FY	17		FY 18					FY 19					FY	20			FY	21			FY	22	•		FY 23			
		Qtr	2 Q	tr 3 (	Qtr 4	Qtr :	1 Qtr	2 Qt	r 3 Q	tr 4 Q	)tr 1 (	Qtr 2	Qtr 3	Qtr 4	1 Qtr 1	1 Qtr 2	Qtr 3	3 Qtr	1 Qtr :	L Qtr 2	Qtr 3	Qtr 4	1 Qtr 1	L Qtr 2	Qtr	3 Qtr	4 Qtr	1 Qtr	2 Qtr 3	3 Qtr 4	
			Щ																												
1	Parkway Expansion																														
	FY 18		П						П													Ш						Т			
2	Gateway Development Area - Exit Lanes South of Post Office																														
	FY 18																					Ш						Т			
3	Taxiway A																														
	FY 18																			Π		Π							Τ		

Procurement



Construction

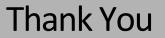


### **Next Steps**

- April 27– Public meeting (6:00pm, Authority Boardroom)
- May 4 Board meeting:
  - Strategic Business Plan update
  - Amend Stantec agreement: \$18 million
    - Gateway Development Area planning, design and construction phase services
  - CIP Amendment: \$132.4 million
    - Demolish Red Side Garage
    - Gateway Development Area
- August/September FY 2018 CIP Budget:
  - Remaining Phase II projects
  - Airline approval



Master Plan Update / Phase 2 Workshop April 18, 2017



Towns



61