BWI Marshall Airport

Baltimore Metropolitan Council

March 27, 2018



MARYLAND AVIATION ADMINISTRATION



BWI Marshall Airport Stats and Figures



MARYLAND AVIATION ADMINISTRATION

BWI Marshall Airport continues to grow!

■ For the twelve months ending January 31, 2018

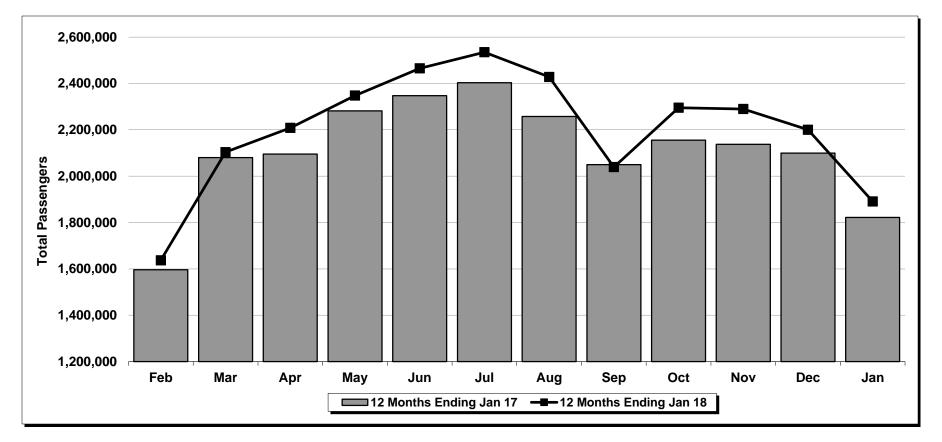
- 25.28 million domestic passengers
- 1.16 million international passengers
- Served by 17 carriers
- Including 12 domestic carriers and 5 international carriers
- We remain the busiest airport in the Washington/Baltimore region
 - Our passenger market share has increased to 36.3% from 35.6%!





Recent Passenger Trends

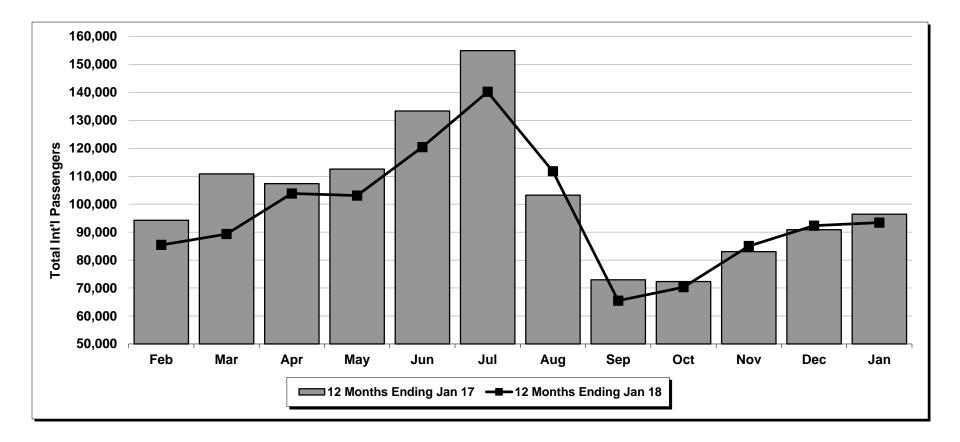
Continued Records!







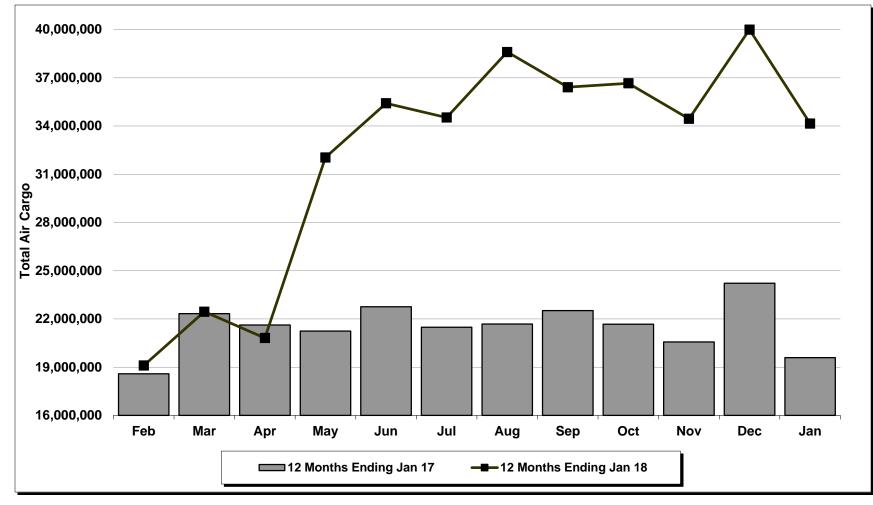
International Traffic





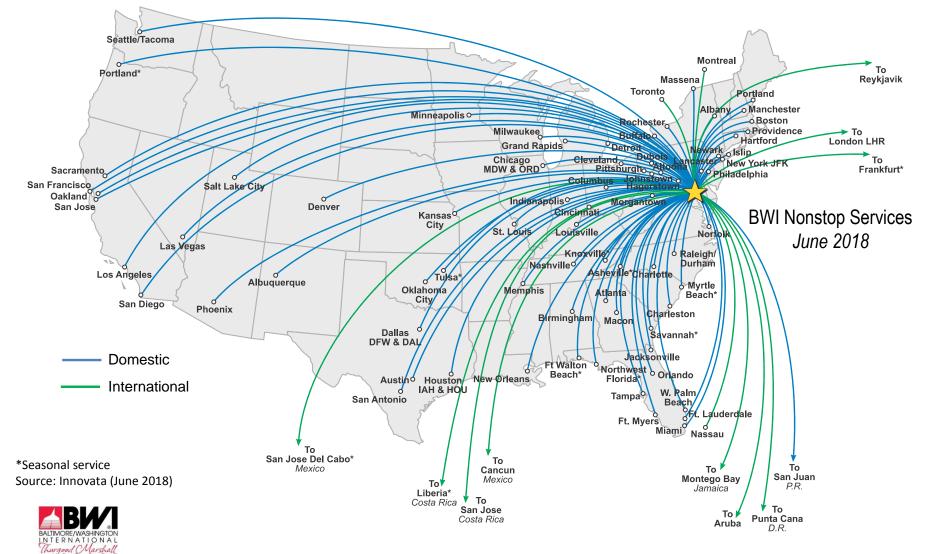


Cargo Traffic





BWI Marshall Airport has nonstop service to nearly 90 domestic and international destinations





Air Service Update



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Summer 2018 Expectations

June

- Seats up 3.4% on 2.4% more departures
- International seats increasing 27.4%!

July

- Seats increasing 3.4%
- International seats up 30.8%

August

- Departures flat, but seats still up 2.3%
- International seats up a whopping 43.4%!





- Air Canada will add daily nonstop service from BWI Marshall Airport to Montreal in May.
- Air Canada will also increase the seats to Toronto by adding EMB175 aircraft.
- Leasing three ticket counter positions starting in May.





Alaska Airlines now flies nonstop to five West Coast destinations from BWI Marshall Airport!

They started daily service to San Francisco on October 16, 2017

Seasonal service to Portland resumes in June.





Icelandair will become BWI Marshall Airport's newest carrier on May 28, 2018!

They will start seasonal service to Reykjavik.

Flights will operate four times weekly using 757-200 aircraft with 183 seats.





- Spirit added two new markets from BWI Marshall Airport last week.
- New service to both Montego Bay and Denver!
- They are also adding a third daily flight to Atlanta this summer.







WOWair increasing service for the summer peak!

- A second daily flight will operate four times weekly between mid-May and mid-September.
- Arrivals at 23:45 and departures at 00:45.





BWI Marshall Airport Economic Impact



MARYLAND AVIATION ADMINISTRATION

Overview









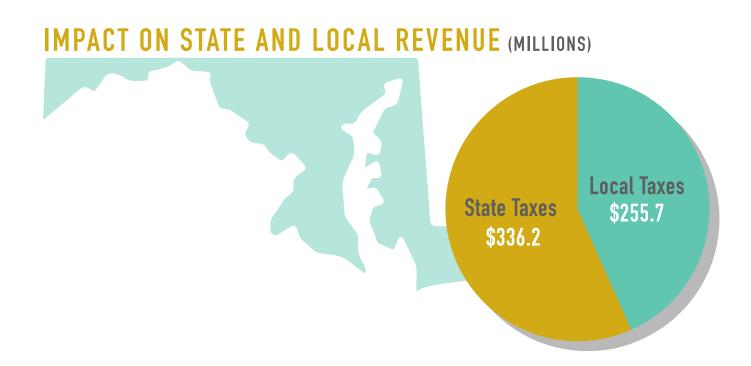








Overview





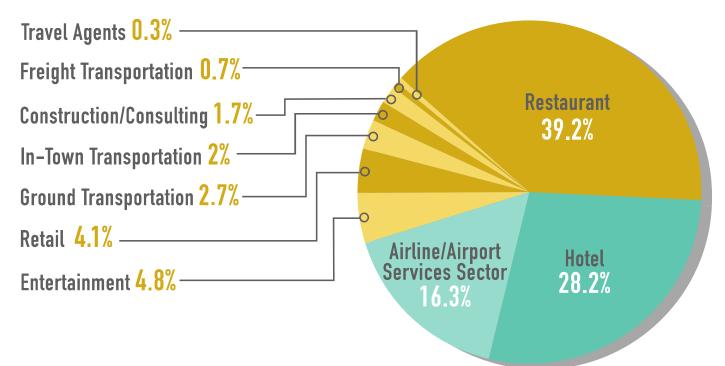
Employment





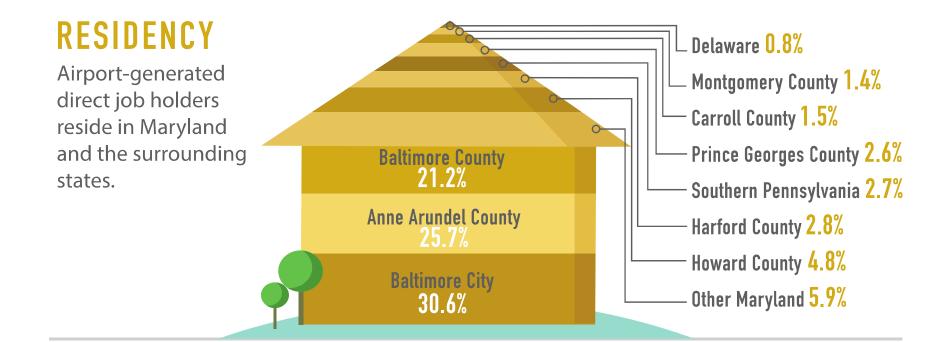
Employment

AIRPORT AND VISITOR DIRECT JOBS BY SECTOR



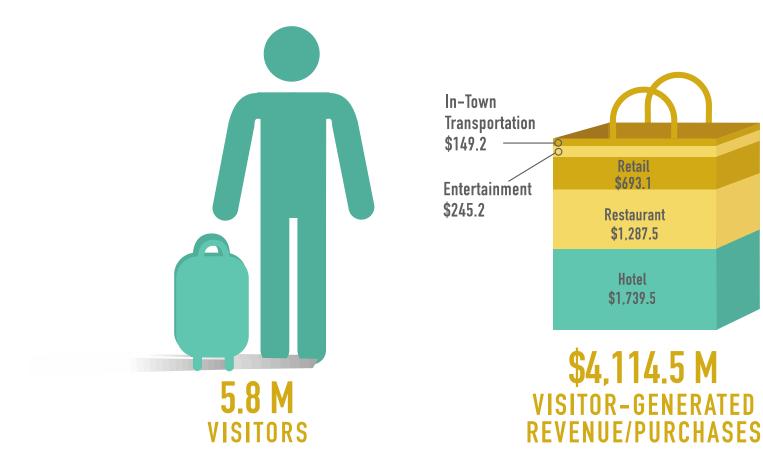


Employment





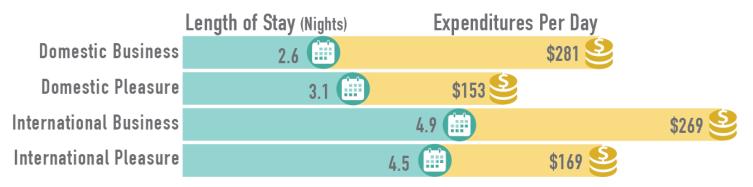
Connected to the World





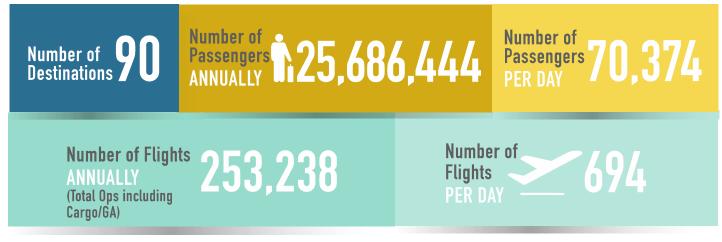
Connected to the World

VISITOR EXPENDITURES





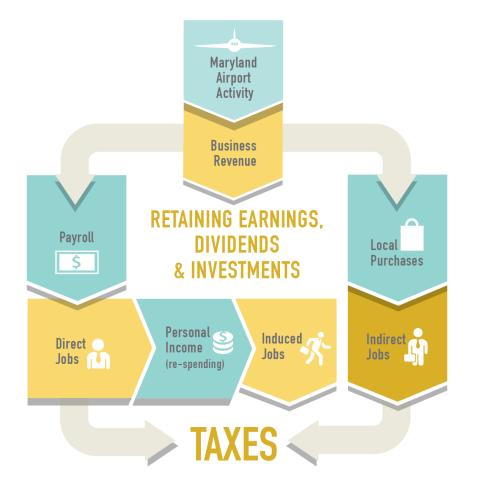
Connected to the World



Based on FY 2017 (PAX AND FLIGHTS PER DAY BASED ON TOTAL/365)



Flow of Economic Impact





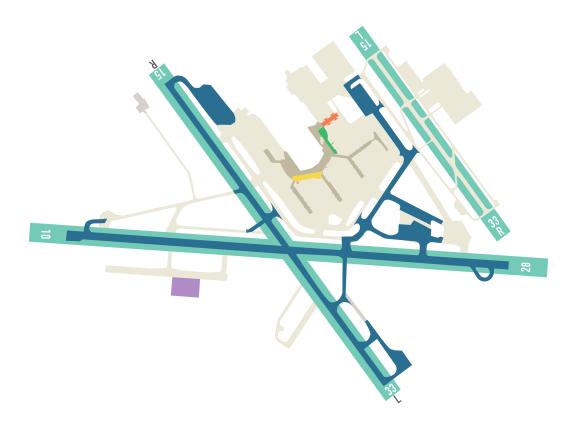
Improving Customer Experience

CAPITAL EXPENSE SUMMARY

\$253 M	\$177 M	\$374 M
FY16	FY17	FY18 through FY22



Improving Customer Experience



AIRPORT UPGRADES

TERMINAL UPGRADES

The Concourse **D** and **E** connector project provides additional international airline capacity and new passenger services, including a new security checkpoint to serve domestic and international passengers

The Concourse ${\sf B}$ and ${\sf C}$ project provides a new security checkpoint and connector

Concourse E expansion provides additional international capacity

AIRFIELD UPGRADES

- Pavement rehabilitation improvements and new pavement construction
- **Runway safety improvements**
- **Cargo expansion**





BWI Marshall Airport Facilities



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Major Initiatives Funded in FY 2018-2023 CTP

	No.	Project Name	Cost (\$ Million)
	1	International Concourse Extension	113.4
the set	2	Concourse B Apron Pavement Reconstruction	10.4
	3	Airfield Lighting Vault Relocation	35.7
-8 ***	4	Concourse D HVAC Replacement	17.0
The second secon	5	FIS Hall Reconfiguration	10.0
6 **** *******************************	6	B737-800 Modifications on Concourses A and B	5.4
The the the state	7	Relocation of RTR	2.2
	8	Aircraft Maintenance Facility Infrastructure	55.0
+++5	9	Residential Sound Insulation Program	45.0
	10 **	Loading Bridge Replacement Program	12.7
2-3	11 **	Restroom Improvement Program	54.0
	** Not	Displayed on Exhibit Total \$3	50.8 M
	P	Note: Cost es MDOT-MAA (Transportatio (CTP) FY2018	Consolidated In Program



International Concourse Extension

Description:

Extension of the International Concourse by 150' for additional six gates (two for arrivals and departures, four for arrivals only). Includes installation of Automated Passport Control kiosks, additional bag claim units, and new public restrooms.

Cost:

\$113.4 million

Funding Source(s): PFC

Time Frame:

Phase 1 improvements to FIS hall open to service; concourse extension to open in FY 2019.









Concourse E Extension – 6 Gates

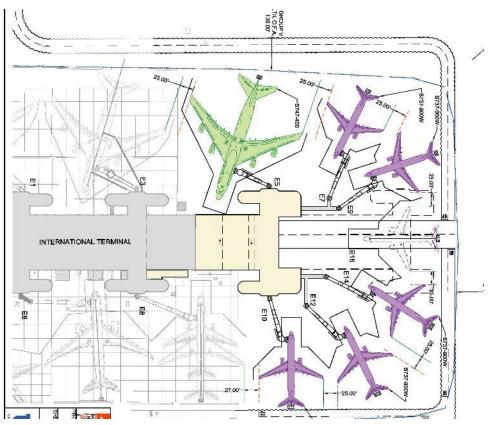
- 2018:
 - Concourse E Extension (total after completion of 10 international gates for arrivals and departures, plus 4 "arrivals only" gates)







Concourse E Extension – 6 Gates



- Concourse E Extension
 - Adds 2 permanent and 4
 "arrival only" gates
 - 14 total gates available



Concourse B Apron Pavement Reconstruction

Description:

Reconstruction of the apron pavement from gates B6 thru B15.

Cost:

\$10.4 million

Funding Source(s): TTF/AIP

Time Frame:

Construction to begin spring 2018 and will staged to minimize impacts to operations; work will occur over two construction seasons.





Airfield Lighting Vault Relocation

Description:

Relocation of the existing lighting vault to a grass area outside of the intersection of Taxiways P and U. Includes demolition and pavement of the area for the old vault and infill pavement of grass areas between Taxiways T and P.

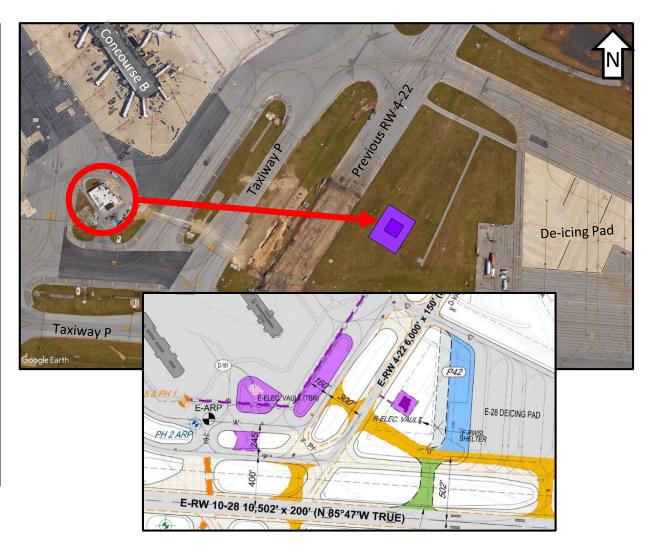
Cost:

\$35.7 million

Funding Source(s): PFC/AIP

Time Frame:

Construction anticipated to occur FY 2019 thru FY 2021.





Concourse D HVAC Replacement

Description:

Replacement of existing HVAC systems serving Concourse DY and commuter portions of Concourse D. Includes replacement of ceilings through Concourses DX, DY and commuter areas.

Cost:

\$17 million

Funding Source(s): PFC

Time Frame:

Work anticipated to start in FY 2019 and complete in FY 2022.





FIS Hall Reconfiguration

Description:

Improvements to increase through-put of Federal Inspection Services area by implementing CBP's new "Baggage First" processing, adding queuing space and additional passport kiosks and CBP processing areas.

Cost:

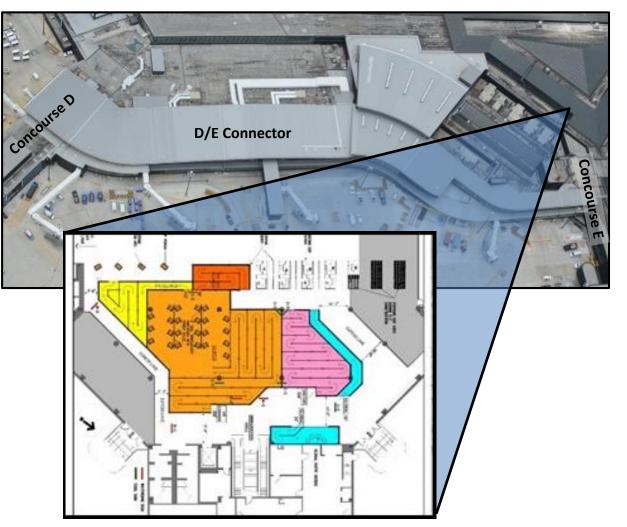
\$10 million

Funding Source(s):

TBD

Time Frame:

Work anticipated to start in FY 2019 and complete in FY 2021.





B737-800 Modifications on Concourses A and B

Description:

Expansion of holdrooms to accommodate B737-800 aircraft and construction of new emergency egress stairs.

Cost:

\$5.4 million

Funding Source(s): PFC

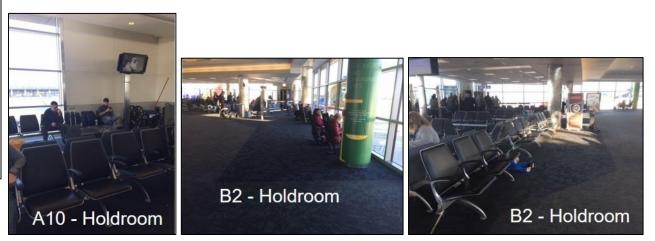
Time Frame:

Holdroom improvements open to service, construction of egress stairs expected to start in FY 2019.





Exterior of Gate B1 (Proposed Stair Location)





Aircraft Maintenance Facility Infrastructure

Description:

Provide infrastructure improvements (utilities and site grading) to support a new aircraft maintenance facility adjacent to Taxiway F.

Cost:

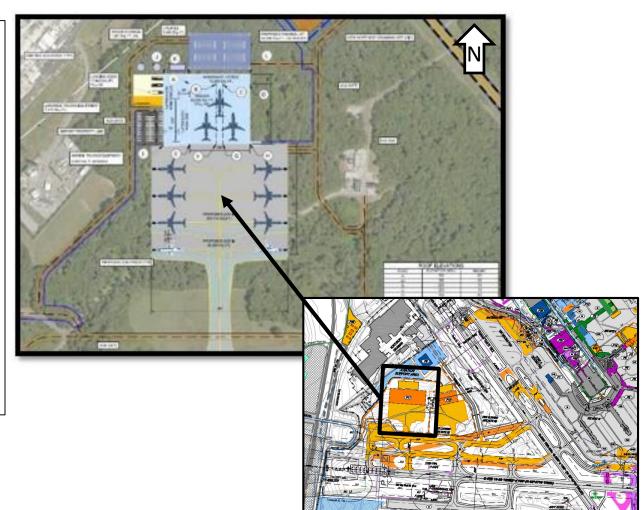
\$5 million preliminary services\$50 million est. construction

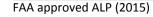
Funding Source(s):

TTF

Time Frame:

Design in FY2018 Construction - TBD







Loading Bridge Replacement Program

Description:

Purchase and installation of 15 new passenger boarding bridges (PBBs) at various gates; and installation of Pre-Conditioned Air and 400Hz power units on international common use gates.

Cost:

\$12.7 million

Funding Source(s):

TBD

<u>Time Frame:</u> Substantially complete – open to service.





Restroom Improvement Program

Description:

Renovation and expansion of public restroom facilities throughout the terminal.

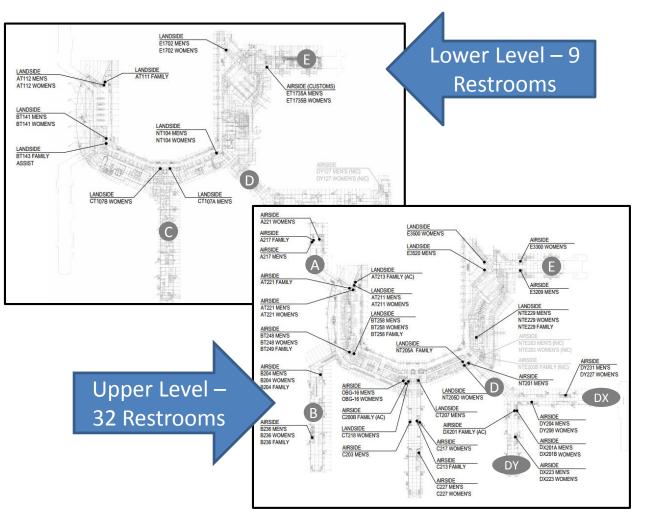
Cost:

\$54 million

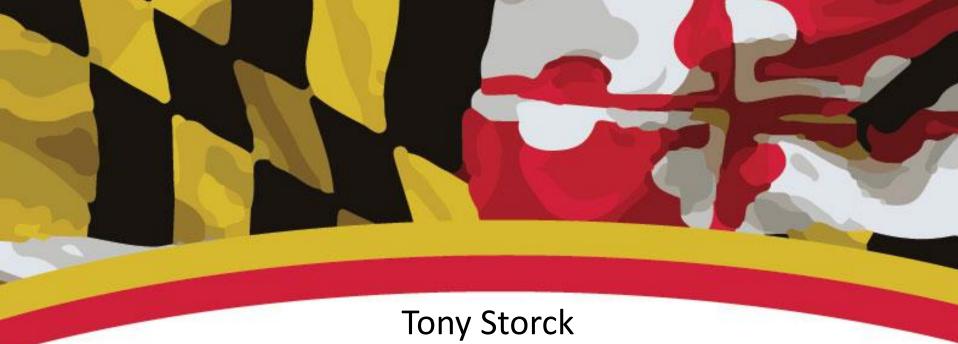
Funding Source(s): PFC

Time Frame:

Work will be phased to minimize impacts to airport patrons. Work anticipated to start in FY 2019 and complete in FY 2023.







Director Air Service Development





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