



Project Journey

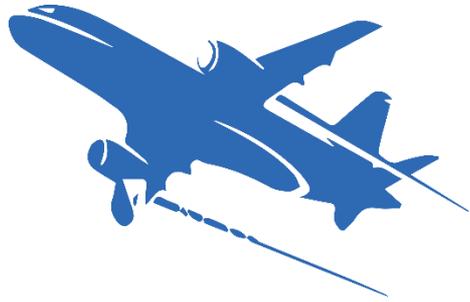
Quarterly Update to MWAA Board of Directors

July 2019

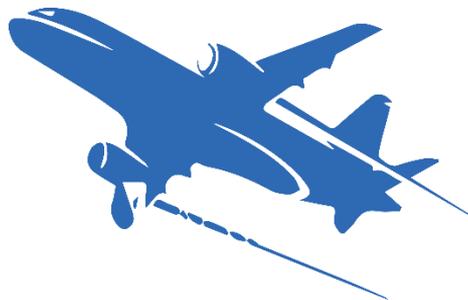
Turner



AGENDA



1. Program Overview
2. Project Status
3. Safety
4. Community Benefits Plan



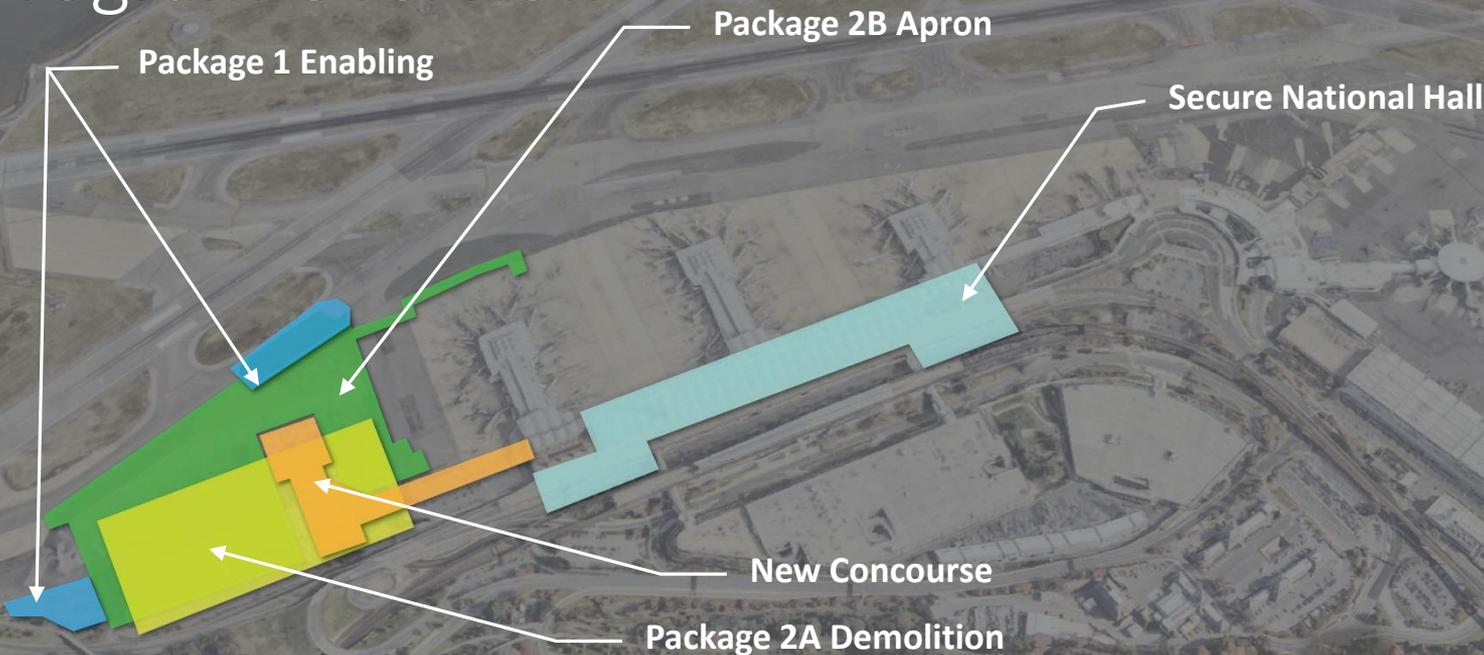
Program Overview



METROPOLITAN
WASHINGTON
AIRPORTS AUTHORITY



Program Overview

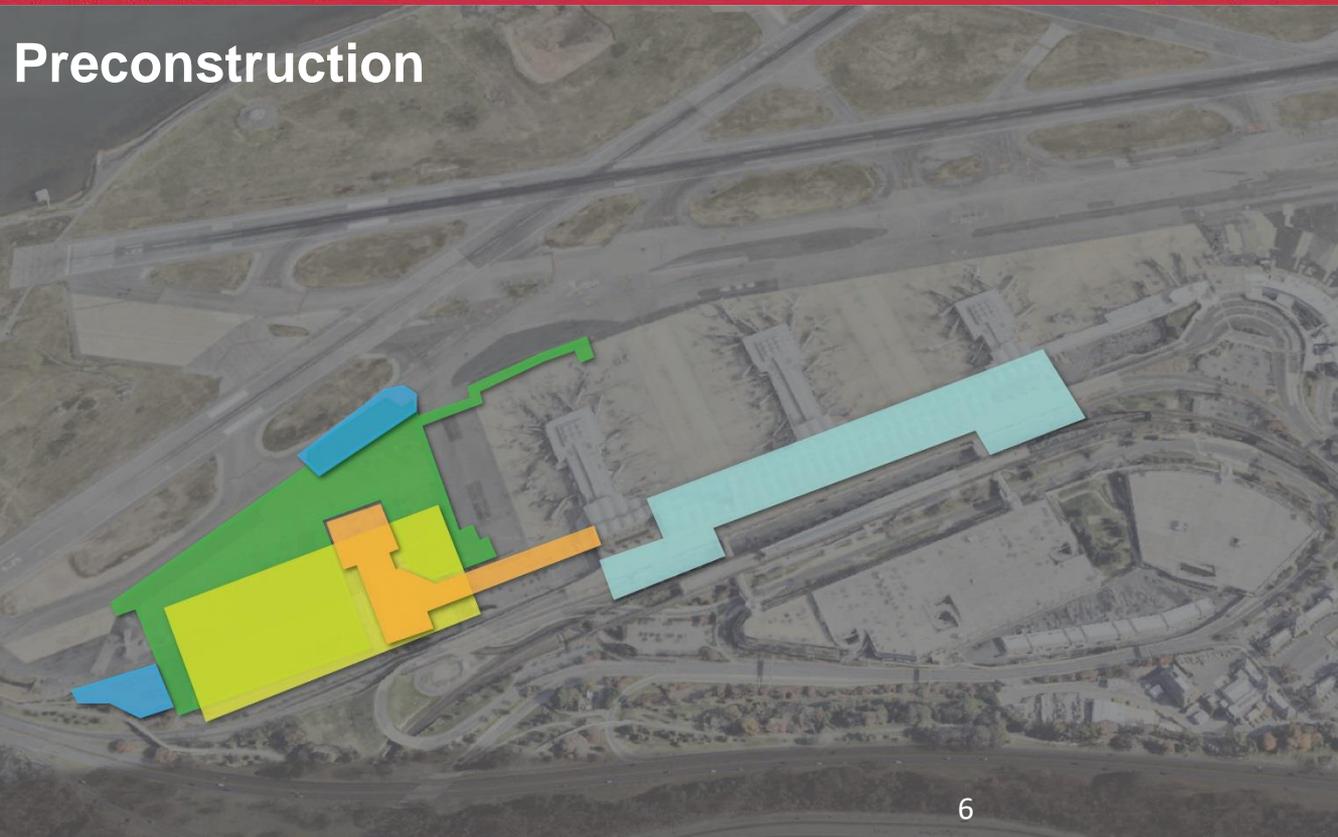




Project Status



Preconstruction



- Design Reviews
- Constructability Reviews
- Estimating
- Scheduling
- Value Engineering
- Development of Firm Fixed Price

% Complete

100%



Package 1- Lot K / Airfield Area A Paving

STATUS: *Construction Completed*



Before



After

- Relocation of American Airlines Commuter Ramp Operations Facilities
- Airfield Ramp Pavement Extension
- Utility Work

Construction % Complete

100%



Task Order Schedule

Actual Completion September 22, 2017



Package 2A – Demolition of Hangars & MWA COB

STATUS: *Construction Completed*



Before



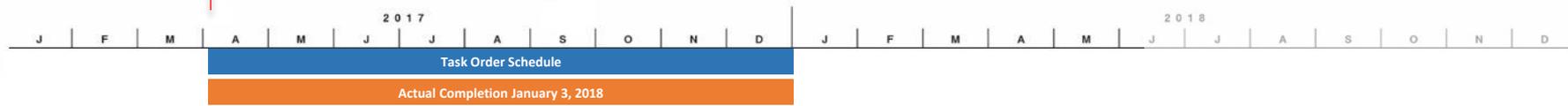
Demolition



After

- Demolition of Hangars 11/12 and MWA COB
- Relocation of American Airlines Commuter Aircraft Parking
- Air Operations Area (AOA) Fence modifications

Construction % Complete 100%





Package 2B – Apron

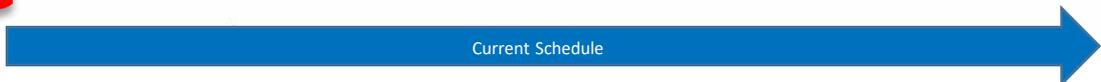
STATUS: *In Construction*



- Phase 1 Surcharge Complete & Removed
- Placement of P-501 Airfield Paving
- Installation of Utilities Inside Surcharge Area
 - a. Hydrant Fueling
 - b. Storm Drainage & Glycol Diversion
 - c. Electrical / Communications (Upcoming after New Year)
- Construction on Existing Utilities
 - a. Installation of Manhole 11 ; Tie in to existing 60-inch storm drain (not pictured)
 - b. Cleaning / Repair of Existing 60-inch storm drain (not pictured)

**Construction
% Complete** 48%

NTP



May
2021



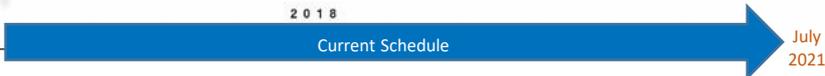
Package 3 – New Concourse

STATUS: *In Construction*



- Completion of North Sub-Station Underpinning (awaiting RFI response for elimination of 4 Pits ; 6 pits currently eliminated via RFI-364)
- Installation of Generator Ductbanks
- Test Pitting for Utilities
- Installation of Piles
 - a. Auger Cast
 - b. Driven Precast Piles
- Transition at Loading Dock C
 - a. Installation of Temp Ramp & Door at Bay C1
 - b. Preliminary Work for Relocation of Fence Between Bays C4 and C5
- Installation of AESS Mock-Up Pad
- Demolition of Existing Utilities
- Erection of Structural Steel

Construction % Complete 12%





Secure National Hall

STATUS: *In Construction*



- Security Identification Display Area (SIDA) Wall Steel installation is nearing completion. SIDA Glass rail mockup installation underway
- Concrete Foundation Work now ongoing on the South Security Platform structure
- Metro Bridge Tunnel erection ongoing
- High Temp Hot Water Re-route work underway

**Construction
% Complete** 30%



NTP



Safety

Safety



As of June 18, 2019

Man Hours

685,438

Recordable Incident Rate (RIR)

0.58

Lost Time Incident Rate (LTIR)

0

Safety Orientation (Total Employees Trained)

2,752

SAFETY **Living**
Injury Free
Every Day®



Community Benefits Plan

Update

1. Training and Apprenticeship Program *On-Going*
2. Veterans Program *On-Going*
3. LDBE Subcontracting Programs *Outreach Completed*
4. LDBE Training Program: Turner School of Construction Management (TSCM) *On-Going*
5. LDBE Mentor/Protégé Program *On-Going*
6. Career Outreach Program *On-Going*
7. Summer Youth Program *On-Going*
8. Community Hotline / Website / Other *On-Going*

REQUIREMENT: *On-Going Engagement*

Working with union shops to ensure placement of apprenticeship interests on the New Concourse (NC) and Secure National Hall (SNH)

Firm	Trade/Services
Kalkreuth	Roofing and Sheet Metal
Schindler	Elevators
NFP	Fire Suppression and Sprinklers
RM Thornton	Mechanical and Plumbing
AIW, Inc.	Misc. and Ornamental Metals
Jervis Webb	Baggage Handling
Boatman & Magnani	Terrazzo
Gelberg	Signage
ISEC, Inc	Millwork and Interior Wall Panels
Berlin Steel Construction Co.	Structural Steel Framing
Universal Builders Supply	Scaffolding

Apprenticeship Activity Jan 1, 2017- April 30, 2019 **Turner**

Task Order	Total Craftsman Hours	Apprenticeship Hours	% Apprenticeship Hours	Trades
NC Package 1	42,868	2,603	6.1%	electrical, pipelayer, roofing
NC Package 2A	30,270	2,113	7.0%	electrical
NC Package 2B	102,885	1,815	1.8%	electrical
NC Package 3	70,742	4,251	6.0%	electrical, steamfitter, and plumbing
SNH	150,889	10,261	6.8%	electrical, iron worker, plumbing, sheetmetal, steamfitter

REQUIREMENT: *On-Going Engagement*

✓ Continuous Focus for Internal Hiring/Development

- Recruitment
 - On-Going
- Development and Retention:
 - Employee Resource Group (26 veterans + associates/family members, etc.)

✓ Activities

- Veterans Administration Partnership
 - Retired Army Nurse – disabled, day of home maintenance tasks, purchase and installation of new dryer
- **Support from LDBE Vendor Sylvester Bush of MGS Group**
 - Furnish and Decorate home of a formerly homeless Veteran.
- 35th Annual Army 10 Miler – 20 participants committed





Regular Meet and Greets

Ongoing



Ward 4 Business Summit and Expo

ABC Diversity & Inclusion Summit

MWMCA Minority Outreach Fair



Hispanic Chamber of Commerce Gala



Task Order	Total Subcontracts	Total Subcontracts with LD BE	Status
NC Package 1	22	16	Executed TO
NC Package 2A	23	17	Executed TO
NC Package 2B	29	26	Executed TO
NC Package 3	51	29	Executed TO
SNH	54	36	Executed TO

LDBE Subcontracting Programs



REQUIREMENT: 25%

AWARDED TO DATE: 27%

Task Orders	CURRENT INDICATED REVENUE (\$)	WIP (%)	LDBE-AWARDED	
			\$	%
Pre Construction Secure National Hall	\$1,569,811	99.94%	\$197,674	13%
Pre Construction New Concourse	\$2,001,494	99.95%	\$211,900	11%
New Concourse Package 1 (Temp Pavement/Utilities)	\$10,025,432	100%	\$3,659,452	37%
New Concourse Package 2A (Demolition Of Hangars 11/12 and COB)	\$10,704,050	100%	\$3,543,029	33%
New Concourse - Package 2B	\$74,485,087	45.92%	\$23,886,015	32%
New Concourse - Package 3	\$195,127,253	14.31%	\$52,773,948	27%
Secure National Hall	\$200,560,655	25.71%	\$47,013,696	23%
TOTAL	\$494,473,782	27.90%	\$131,285,714	27%

PAYMENT STATUS

Task Orders	CURRENT CONTRACT AWARD AMOUNT	LDBE COMMITMENT (%)	LDBE COMMITMENT (\$)	LDBE ACHIEVEMENT (\$)	PAYMENT TO LDBE (%)	PAYMENT TO NON LDBE(%)
SNH Precon	\$1,569,811	13%	\$197,674	\$197,674	13%	4%
NC Precon	\$2,001,494	11%	\$211,900	\$210,775	11%	5%
NC 1	\$10,025,432	37%	\$3,659,452	\$3,587,861	36%	39%
NC 2A	\$10,704,050	33%	\$3,543,029	\$3,280,909	31%	23%
NC 2B	\$74,485,087	32%	\$23,886,015	\$6,835,647	9%	13%
NC 3	\$195,127,253	27%	\$52,773,948	\$1,623,055	1%	3%
SNH	\$200,560,655	23%	\$47,013,696	\$6,823,098	3%	10%
TOTAL	\$494,473,782	27%	\$131,285,714	\$22,559,019	5%	7%

Labor by Ethnicity



Task Orders	Total Hours	African American		Asian		Caucasian		Hispanic		Other	
		Hours	%	Hours	%	Hours	%	Hours	%	Hours	%
NC 1	42,868	8,098	18.9%	626	1.5%	15,518	36.2%	16,830	39.3%	1,796	4.2%
NC 2A	30,270	4,621	15.3%	0	0.0%	12,347	40.8%	12,664	41.8%	637	2.1%
NC 2B	102,885	15,212	14.8%	1,971	1.9%	15,806	15.4%	63,184	61.4%	6,712	6.5%
NC 3	70,742	5,132	7.2%	12	.02%	15,118	21.4%	41,378	58.5%	9,102	12.9%
SNH	150,889	19,432	12.9%	12	.01%	37,668	25.0%	63,390	42%	30,387	20.1%
TOTAL	397,654	52,495	13.2%	2,621	.66%	96,457	24.3%	197,447	49.7%	48,634	12.2%

Task Order	Total Hours	Virginia		Maryland		Washington DC		Other *	
		Hours	%	Hours	%	Hours	%	Hours	%
NC Package 1	42,868	10,977	25.6%	25,111	58.6%	4,670	10.9%	2,109	4.9%
NC Package 2A	30,270	15,415	50.9%	13,748	45.4%	502	1.7%	605	2.0%
NC Package 2B	102,885	50,470	49.1%	29,572	28.7%	5,753	5.6%	17,089	16.6%
NC Package 3	70,742	33,686	47.6%	30,432	43.0%	1,501	2.1%	5,122	7.2%
SNH	150,889	59,116	39.2%	75,570	50.1%	9,750	6.5%	6,453	4.2%
TOTAL	397,654	169,664	42.7%	174,434	43.9%	22,177	5.6%	31,380	7.9%

REQUIREMENT: *1 School / Year*



CORE PROGRAMMING

WASHINGTON, DC:

- TBD
- Offering Firm Specific Workshops

SPANISH LANGUAGE:

- Fall, (September)
- New partnership with SPRINT
- Will be "live cast"

BALTIMORE:

- Fall, (October)



REQUIREMENT: *Two Relationships, One General Contractor (GC) & One Additional*

✓ **ACHIEVEMENT:** *3 in place*



Continued focus on building financial competency; tracking, reporting and billing



Continued Focus on building GC Capabilities



Continued Focus on building overall volume

REQUIREMENT: *2 college interns every summer of project*

 **ACHIEVEMENT:** *2019: 7 interns working on Project Journey*



ACTIVITIES

Community Engagement

June 28: EMBRY RUCKER COMMUNITY SHELTER, Reston VA; serving a BBQ lunch for the underserved

July 19: Partnering with Veteran's Administration to outfit a home for a formerly homeless Vet and working on environmental project at Wolftrap

Project Engagement

July 23: Project Journey Overview and Leadership Workshop

REQUIREMENT: *Participation in District Summer Program*

✓ **ACHIEVEMENT:** *4 Phelps ACE High School interns for summer 2018; planning for summer 2019*

ACE Programming
Scholar: **Beni Lavodrama**
Turner: Impact Award



Summer 2019 Activity

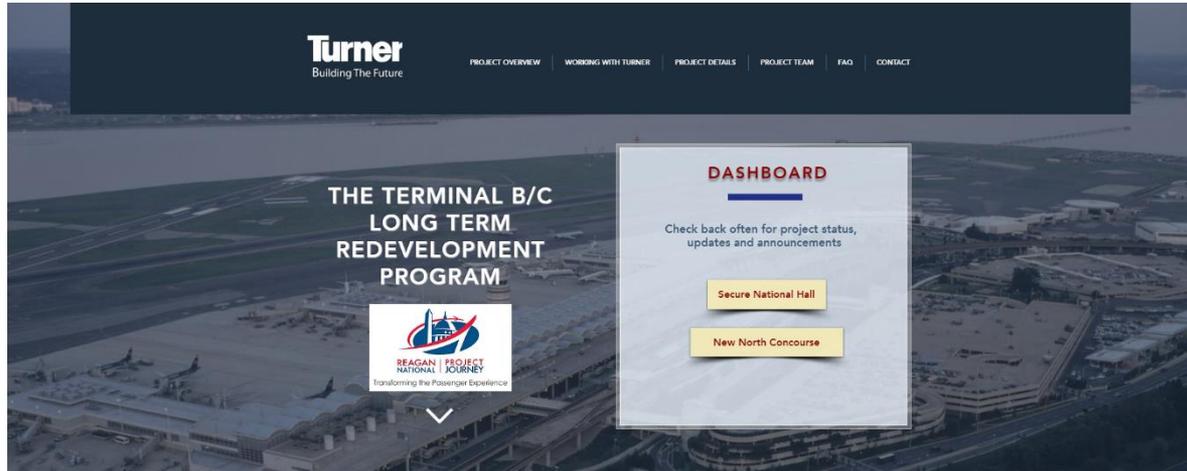
- 4 interns started on June 25
- LDBE Audit Project
- Community Service on June 28, July 12th, July 19th and July 26, 2019

REQUIREMENT: *Implementation of a Project Website*

(Core communication point for subcontractor information and project status)



ACHIEVEMENT: www.Turner-DCAProjects.COM



- **Implementation of a Hotline:** Alternative communication point for subcontractor information and questions



ACHIEVEMENT: (571) 260-0440





METROPOLITAN
WASHINGTON
AIRPORTS AUTHORITY

MWAA.COM