



Project Journey

Quarterly Update to MWAA Board of Directors

April 2019 DRAFT

Turner



AGENDA



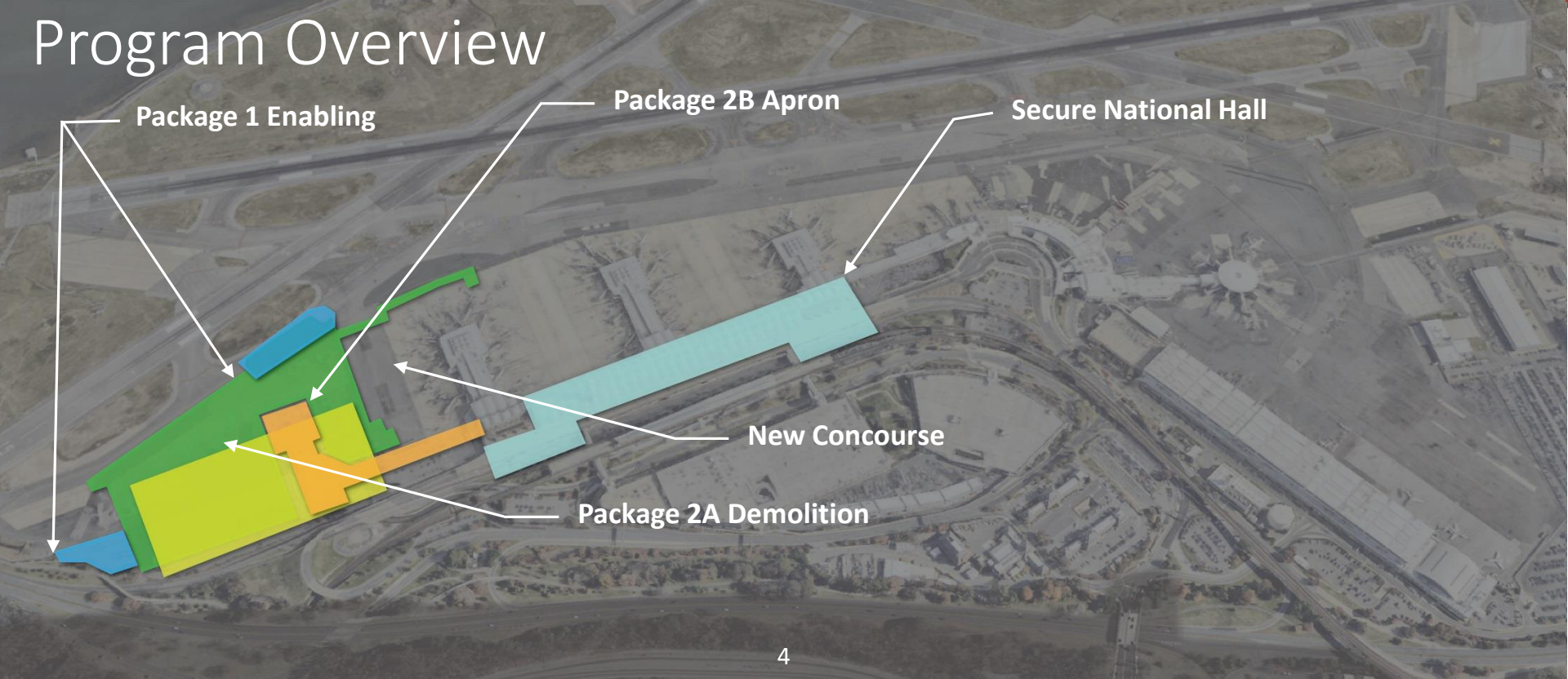
1. Program Overview
2. Project Status
3. Safety
4. Community Benefits Plan



Program Overview



Program Overview

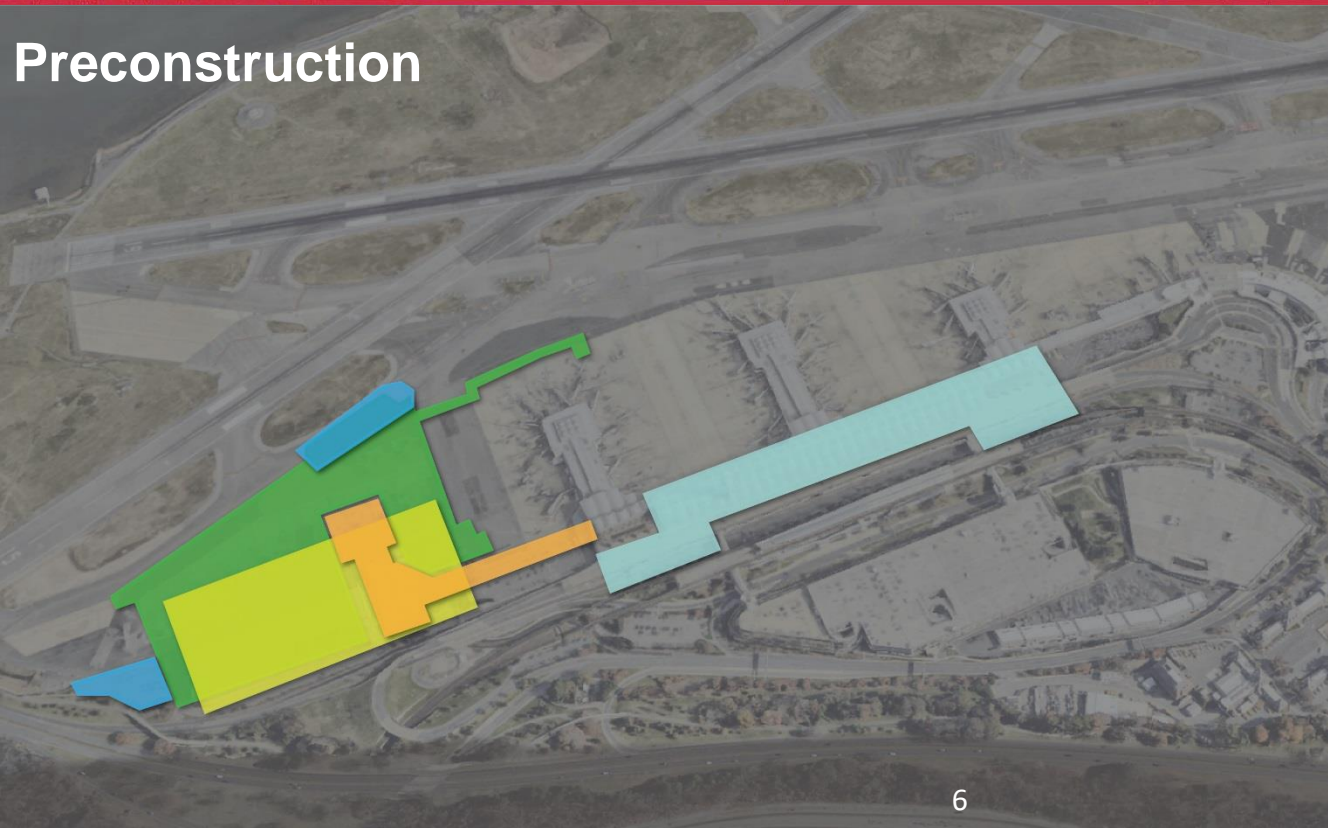




Project Status



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%





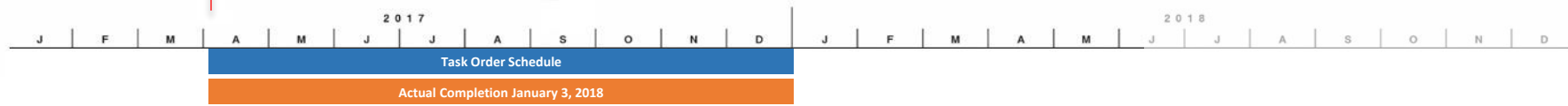
Package 2A – Demolition of Hangars & MWA COB

STATUS: *Construction Completed*



- 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**

25%

NTP



Current Schedule

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

**Construction
% Complete**

10%



2018

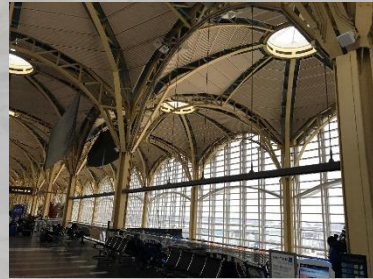
Current Schedule

July
2021



Secure National Hall

STATUS: *In Construction*



- South Stair and Escalator demo is complete. Escalator pit infill steel installation is ongoing.
- Security Identification Display Area (SIDA) Wall Steel installation is ongoing. 4 Bays are complete.
- Auger Cast production pile installation is ongoing in north and south medians.
- The Box Culvert is nearing completion with the final intercept construction ongoing

**Construction
% Complete**

18%





Safety

Safety



As of March 21, 2019

Man Hours	550,519
Recordable Incident Rate (RIR)	0.36
Lost Time Incident Rate (LTIR)	0
Safety Orientation (Total Employees Trained)	2,376

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- Feb 28, 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	76,867	1,615	2.1%	electrical
NC Package 3	40,316	2,674	6.6%	electrical, steamfitter, and plumbing
SNH	120,393	8,171	6.7%	electrical, iron worker, plumbing, sheetmetal, steamfitter

REQUIREMENT: *On-Going Engagement*



Continuous Focus for Internal Hiring/Development

- Recruitment
 - Attended a Recruitment Fair at the Naval Academy in March; identified 5 potential candidates
- Development and Retention:
 - Launched an internal Veterans resource group. 26 members
 - This resource group will focus not only on providing resources and support to our current employees who have previously served, but also on improving our recruiting efforts for additional veteran hires.
- Upcoming Activity
 - formerly homeless veteran support, May 3,



Vito Perrota
Operations Manager
20 Year Navy Vet

REQUIREMENT: *On-Going Engagement*



Community Engagement – Fundraising Season



UNCF 75th Anniversary

Greater Washington Urban League

Diversity in Construction Gala/
TSCM Graduation

Scholarship Program





Monthly Meet and Greet
Ongoing



DBE Exhibition Events
DGS: Elevate 2019 event



Development Work with Rosario School
(Workforce Development)



Task Order	Total Subcontracts	Total Subcontracts with LDBE	Status
NC Package 1	22	15	Executed TO
NC Package 2A	26	16	Executed TO
NC Package 2B	19	12	Executed TO
NC Package 3	77	46	Executed TO
SNH	67	36	Executed TO

REQUIREMENT: 25%

AWARDED TO DATE: 29%

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%	\$3,659,451	37%
New Concourse Package 2A (Demolition Of Hangars 11/12 and COB)	\$11,177,874	94.85%	\$3,545,175	32%
New Concourse - Package 2B	\$73,983,529	34.01%	\$23,879,349	32%
New Concourse - Package 3	\$195,127,253	9.14%	\$63,246,161	32%
Secure National Hall	\$200,560,655	21.52%	\$46,918,686	23%
TOTAL	\$494,446,048	22.32%	\$141,658,396	29%

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	12.6%	4.1%
NC Precon	\$2,001,494	11%	\$211,900	\$210,774	10.5%	4.9%
NC 1	\$10,025,432	37%	\$3,659,451	\$3,550,385	35.4%	39.4%
NC 2A	\$11,177,874	32%	\$3,545,175	\$3,280,909	29.4%	22.9%
NC 2B	\$73,983,529	32%	\$23,879,349	\$6,047,122	8.2%	11.6%
NC 3	\$195,127,253	32%	\$63,246,161	\$1,248,915	0.6%	2.7%
SNH	\$200,560,655	23%	\$46,918,686	\$4,571,431	2.3%	9%
TOTAL	\$494,446,048	29%	\$141,658,396	\$19,107,210	3.9%	7.8%

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	76,867	13,308	17.3%	1,342	1.7%	12,737	16.6%	45,116	58.7%	4,364	5.7%
NC 3	40,316	3,803	9.4%	10	0.0%	10,522	26.1%	19,739	48.9%	6,240	15.5%
SNH	120,393	16,308	13.5%	12	0.0%	28,355	23.5%	51,284	42.6%	24,435	20.3%
TOTAL	310,714	46,138	14.9%	1,990	0.6%	79,479	25.6%	145,635	46.9%	37,472	12.1%

Labor by State

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	76,867	37,167	48.4	21,183	27.6	3,303	4.3	15,214	19.8
NC Package 3	40,315	20,995	52.1%	14,460	35.9	862	2.1	3,999	9.9
SNH	120,393	47,965	39.9	59,491	49.4	8,492	7.1	4,445	3.7
TOTAL	310,713	132,519	42.6%	133,993	43.1	17,829	5.7	26,373	8.5

REQUIREMENT: *1 School / Year*



CORE PROGRAMMING

WASHINGTON, DC:

- ☐ Spring 2019, (May/June)
- ☐ Working in partnership with MWAA Supplier Diversity and Carlos Rosario School

SPANISH LANGUAGE:

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



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:** *2018: 6 college interns; 2 full-time offers, 3 offers to return for additional internship experience*
2019: recruitment has concluded; 7 interns will work on Project Journey



Brian Johnson

- VA Military Institute
- Reserve unit in FL



Parker Wilson

- North Carolina A&T
- Construction Management



Liam McCrann

- Graduating Dec 2019

REQUIREMENT: *Participation in District Summer Program*

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

Greater Washington Urban League Scholar: **Beni Lavodrama**

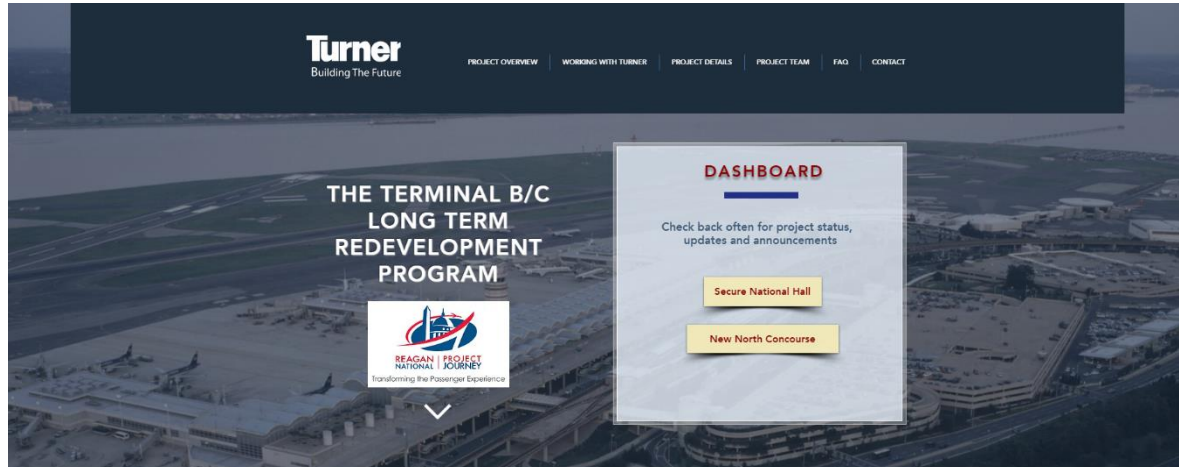


Understanding What it Means to be an Entrepreneur: **Howard Painting**



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*



		Project	Description	Time
Wash DC	Veterans	set up of 2 new homes for Veterans	furnish and set-up new homes for homeless vets	8:00am -3:00pm
	Immigrant	Rosario School	practicing english	8:00am -3:00pm
	Homeless	S.O.M.E. (saturday)	breakfast and lunch	6:30am - 1pm
	Youth	Boys Town	rehab assistance	7:00am- 3:00 pm
		elliott hine	environmental teaching	
VA	Need/Health	Ronald McDonald House	prepare lunch for families of children with life threatening illnesses	10:30am-12:30pm
	Community	N. VA Family Services	craft activities with 12 classes of children	9:00am- 12:30 pm
	Veterans	USO project	painting	7:30am- 3:30 pm
		A-Span (family friendly)	prepare sack lunches for homeless in need	1:00pm - 3pm
	Domestic Violence	LAWS (May 10)	painting	TBD
MD	Youth	Boys & Girls Club	general repairs to facility	7:30am- 3:30 pm
	Youth	Apprenticeship Day	with PGCC	TBD
	Homeless	Sleep in, meal and movie	TBD	TBD



METROPOLITAN
WASHINGTON
AIRPORTS AUTHORITY

MWAA.COM