Minutes of the Joint Meeting of the MNAA and MPC Operations, Engineering & Strategic Planning Committees

BNA Nashville International Airport

Date:	November 10, 2021	Place:	Nashville International Airport Board Room
Time:	9:00 a.m.		
Committee Members Present:			Bobby Joslin, Chairman; Nancy Sullivan, Vice Chair; Andrew Byrd; and Glenda Glover
Committee Members Absent:			None
Others Present:			Bill Freeman; Jimmy Granbery; Joycelyn Stevenson; Doug Kreulen; Neale Bedrock; Cindy Barnett; Lisa Lankford; Ginger Cork and Sabrina Troy

I. Call to Order

Chairman Joslin called the Joint Meeting of the MNAA and MPC Operations, Engineering & Strategic Planning (Operations) Committees to order at 8:59 a.m., pursuant to Public Notice dated November 5, 2021.

II. Approval of Minutes

Commissioner Byrd made a motion to approve the Minutes of the October 13, 2021 Operations Committee meeting and Vice Chair Sullivan seconded the motion. The motion carried by vote of 4 to 0.

III. Chairman's Report

Chairman Joslin had no Chair's Report.

IV. Items for Approval

A. Arts at the Airport Foundation Board Appointments

Doug Kreulen, President and CEO, introduced Ms. Stacey Nickens, AVP, Corporate Communications, who briefed the Committee on the recommendation to appoint two members to the Arts at the Airport Foundation Board of Directors. The term is fulfilling two vacancies due to the resignations of Nate Harris and Sandra Fulton, with the term ending December 31, 2022. Nominees are Teri Alea and Monchiere' Holmes-Jones.

Staff requested that the Operations Committee recommend to the Board of Commissioners that it appoint Teri Alea and Monchiere' Holmes-Jones to the Arts at the Airport Foundation Board of Directors, effective January 1, 2021, with term ending December 31, 2022.

Commissioner Byrd made a motion to approve as presented and Vice Chair Sullivan seconded the motion. The motion passed by vote of 4 to 0.

President Kreulen introduced Ms. Traci Holton, VP, Chief Engineer and Deputy COO and Mrs. Holton reported on the following two items.

B. Satellite Concourse CGMP 2 of 3

Ms. Traci Holton, VP, Chief Engineer and Deputy COO, briefed the Committee on CGMP 2 of 3 which consists of utility infrastructure, hydrant fueling, structural steel and structural precast and the remaining General Requirements and General Conditions. There is no change to the SMWBE commitment or the schedule. The contractor is Holder Construction Group, LLC out of Atlanta, Georgia.

Total Contract Cost:	
CGMP #1 (PreCon, Design)	$12,653,688
CGMP #2 (Infrastructure)	$22,507,603 NTE
CGMP #3	$ TBD
Estimated GMP	$78,000,000

Commissioner Glover asked about the amount of CGMP 3. Ms. Holton stated that the estimated GMP is $78,000,000 but is trending high. President Kreulen stated that staff is locking in steel prices, similar to Vision 1.0. The contract started May 17, 2021 with an end of October 19, 2023. It is funded with 100% Bonds.

Commissioner Byrd made a motion to approve as presented and Vice Chair Sullivan seconded the motion. The motion passed by vote of 4 to 0.

C. TARI – Telecommunication Provider License and Access Fee

Ms. Holton briefed the Committee on how TARI impacts telecommunication providers AT&T, Comcast and Century Link. The consolidated ductbank will not be impacted by future project construction. Each provider is required to license individual conduits for exclusive use, which requires a license fee for construction cost and property access fee. Construction costs are prorated based on the total conduit

length. The property access fee is calculated by ductbank length x 10' width x 25% FMV. Ms. Holton presented a table showing the calculations for each telecommunication provider.

Ms. Holton requested that the Operations Committee recommend to the Board of Commissioners that it authorize the Chairman and President and CEO to execute licenses and receive fees associated with telecommunication service relocations in an amount up to $2,848,222.

Commissioner Byrd made a motion to approve as presented and Vice Chair Sullivan seconded the motion. The motion passed by vote of 4 to 0.

D. Beyond Vision Program Concept and Schedule

President Kreulen briefed the Committee on the Beyond Vision Program Concept and Schedule. This program addresses 2 challenges: 1) Baggage Handling System (BHS) Deficiencies and 2) Gate Shortfalls. The proposed program meets BHS requirements through 2037 and gate requirements through 2041. From 2021 to 2041 enplanements are projected to increase from 7.7M to 15.1M, gate needs are projected to increase from 43 to 69 and operations are projected to increase from 534 to 900.

President Kreulen presented a solution to improve the BHS. This plan will grow the BHS's capacity to handle bag volumes through 2037. The 8-phase plan schedule is 2022 – 2027 with a cost of ~ $125M.

The BHS Master Plan increases the capacity of TSA screening system by consolidating the location of and replacing the old EDS machines with each upgraded machine capable of processing bags faster (about 1.4 times faster) than each of the current machines.

The capacity of the system will increase as new faster EDS machines are replaced into a larger consolidated single matrix design that eventually phases out the old 2 matrix design. The processing capacity of the screening system will be capable of processing the volume of bags checked by 32MAP.

The new system will provide operational contingencies by using redundant lines to optimize delivery of the bags to the machines, and from the machines to the sort lines. Make-up unit carousels will be added along the sort lines at the vacated main CBRA. This will enhance the sort options and storage capacity to be twice that of the current make-up system.

The 8-phase plan allows BHS to remain operational as changes occur over multiyear construction period.

President Kreulen then presented a solution to meet gate requirements. This is a 2-phase plan that addresses a gate shortfall that returns in 2030. The plan first extends Concourse D, with the 5 gates serving as an empty chair for construction of a new Concourse A. This plan requires temporary relocation of air freight functions, until a new Air Freight building can be constructed after the Donelson Pike relocation. The cost of the Concourse D extension is ~ $245M with a schedule of 2022 – 2025. The future site is ~ $25M.

After the 5 additional gates in Concourse D open, airlines would be moved off Concourse A and it would enter construction. The new Concourse A would have 16 gates, resulting in a total of 69 gates, which would accommodate future growth and allow airlines additional expansion opportunities. Chairman Joslin asked if the new Concourse A would have moving sidewalks, and President Kreulen stated that the intent is that it would. He provided an overview of the changes that were made to the existing Concourse A to accommodate the international arrivals. President Kreulen confirmed that the cost of filling and paving the Concourse A ramp area were included in the Vision 2.0 budget. Chairman Joslin commended staff on their planning efforts.

President Kreulen presented a timeline, with Board updates throughout the course of the program development. He requested that the Operations Committee recommend to the Board of Commissioners that it approve the proposed concept and schedule for the Beyond Vision Program and authorize the President and CEO to develop a plan, not to exceed $1M in development costs, for the proposed $1.1B concept to further expand the Nashville International Airport.

Commissioner Byrd made a motion to approve as presented and Commissioner Glover seconded the motion. The motion passed by vote of 4 to 0.

V. Information Items

A. Board Retreat Actions Item Update

President Kreulen briefed the Committee on the status of actions from the Board Retreat. The following BNA items are completed, and applicable reports will be issued following the meeting:

- Airline Bag Sharing Information
- Gate Capacity Plots – Moderate, Strategic & Aggressive Forecasts
- Retreat Slides to Board
- Analysis of Hard Stands for Short-Term Gate Shortfall

- Debt Summary & Terms
- Glossary of Airport Acronyms

Beyond Vision Naming is still in process.

President Kreulen addressed the following JWN items that are completed:

- Certified letters sent to displaced tenants who owe security deposits
- CFM Geotechnical Analysis (Slabs reusable)

President Kreulen addressed the following items that are in process:

- ATCT Operations
- Stakeholder Meeting November 18, 2021
- Coordinating radar options with FAA and ATCT
- Taxiway Clearance Analysis (striping planned)
- 2nd FBO Analysis
- Taxiway Traffic Modeling (quote in review)
- Before/After Financial Model of JWN
- Summary of JWN Redevelopment (by funding source)

Future Committee/Board meeting at JWN will be planned after the completion of construction.

B. JWN Redevelopment Update

Ms. Holton provided an update and addressed the following JWN Construction schedule. Phase 1 hangars (5 buildings) are scheduled to open December 21, 2021, Phase 2 hangars (5 buildings) are scheduled to open January 17, 2022 and the remaining Phase 2 hangars (6 buildings) and Phase 3 are scheduled to open April 23, 2022. She explained the delay in the schedule for both Phase 1 and Phase 2 was primarily due to supply chain issues which delayed delivery of electric manholes. Manholes were scheduled to be on site in early September and to be installed ahead of paving. Structures arrived on site October 18, 2021, delaying sections of the ductbank, feeder wiring & asphalt paving. Also, slow rock excavation related to manholes and ductbank are extending planned excavation durations. Additionally, delivery of the electric panelboards is also delayed, impacting Phase 1 and 2.

Commissioner Granbery complemented Messer for all the work they had completed.

Chairman Joslin asked about the JWN Stakeholder meeting on November 18, 2021. Jeff Roach, AVP, Executive Director, JWN, provided an overview of the schedule, and said he would resend all invitations. Commissioner Granbery asked that an invitation be sent to all Commissioners.

C. Customer Experience Update

Stacey Nickens, AVP, Corporate Communications, provided an overview of BNA's Customer Experience program. Customer feedback sources include Fresh Desk, CX Portal, CX Trackers, Phoenix Marketing survey, Boingo survey, and the Lost and Found Tracker. An inter-departmental team analyzes input and develops resolutions and action plans for the current and future concerns. Commissioner Byrd recommended staff look at satisfaction levels for passenger pick-up. Ms. Nickens also provided trends for satisfaction levels.

VI. Adjourn

There being no further business before the Joint Committee of the MNAA and MPC Operations, Engineering and Strategic Planning Committees, Chairman Joslin adjourned the meeting at 9:50 a.m.

Joycelyn Stevenson, Board Secretary