



Airport Commission

Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport

PLEASE NOTE:

This meeting is will be held on zoom and in-person in the Wright Room at the Airport. Zoom Info:

Join from a PC, Mac, iPad, iPhone or Android device:

Please click this URL to join. [https://us02web.zoom.us/j/86253461005?](https://us02web.zoom.us/j/86253461005?pwd=U0IQem55VVRxb2RCUGs4aHVFb3VSdz09)

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Passcode: 472807

Or One tap mobile:

+ 16468769923,,86253461005# US (New York)

+ 13017158592,,86253461005# US (Washington DC)

Or join by phone:

Dial(for higher quality, dial a number based on your current location):

US: +1 646 876 9923 or +1 301 715 8592 or +1 312 626 6799 or +1 669 900 6833 or +1 253 215 8782

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Webinar ID: 862 5346 1005

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1. Call to Order

Subject

1.1. Call to Order

Meeting

January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport

Category

1. Call to Order

Department

Type

Subject

1.2. Acknowledgement of Remote Commissioners

Meeting

January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport

Category

1. Call to Order

Department

Type

2. Agenda

2.1. Motion to amend/adopt agenda

3. Public Forum

Subject	3.1. PUBLIC FORUM - Verbal Comments
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	3. Public Forum
Department	
Type	

4. Consent Agenda

Subject	4.1. Approval of Minutes
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	4. Consent Agenda
Department	
Type	
Recommended Action	

5. Action Item

Subject	5.1. 5.1 Parking Enforcement Ordinance
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	5. Action Item
Department	Burlington International Airport
Type	
Recommended Action	

6. Construction Update

Subject	6.1. 1. Construction Update, L. Lackey
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	6. Construction Update
Department	Burlington International Airport
Type	

7. Noise Data

8. Financial Update

9. Director's Report

Subject	9.1. Director's Report
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	9. Director's Report
Department	
Type	

10. Commissioner Items

Subject	10.1. Commissioner Items
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	10. Commissioner Items
Department	
Type	

11. Follow-up Items

12. Adjournment

Subject	12.1. Motion to adjourn
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	12. Adjournment
Department	Council and Board
Type	
Recommended Action	

13. Informational and Non-Discrimination Statements

Subject	13.1. This agenda is available in alternative formats upon request. For more information on access, call Lori Olberg, Licensing, Voting and Records Coordinator (802-865-7136)(TTY 802-865-7142). Persons with disabilities who require assistance or special arrangements to participate are encouraged to contact 802-865-7000 (voice) or 802-865-7142 (TTY) at least 72 hours in advance so that proper arrangements can be made. This meeting will also air on Town Meeting TV the Wednesday after the meeting, starting at 8:00 pm and repeating at 1:00 am and 7:00 am the following day. The City of Burlington will not tolerate unlawful harassment or discrimination on the basis of political or religious affiliation, race, color, national origin, place of birth, ancestry, age, sex, sexual orientation, gender identity, marital status, veteran status, disability, HIV positive status, crime victim status or genetic information.
Meeting	January 8, 2025 - Airport Commission Meeting - Wednesday, January 8, 2025, 4:00 PM, Zoom/Wright Room at the Airport
Category	13. Informational and Non-Discrimination Statements
Department	Council and Board

Type

To: Airport Commission

From: Larry Lackey, Director of Planning, Engineering and Environmental Compliance

Date: **January 8, 2025**

Subject: Airport Commission Construction Update

1. **Annual Parking Garage Maintenance (\$2.2M)**. The purpose of this maintenance is to ensure the longevity of the parking garage. We are in the process of replacement of all lighting and the fire alarm systems in the parking garage totaling up to \$2.2M. MEI was the selected contractor. Construction on the lighting and fire alarm replacement in the entire garage is complete. The replacement of the expansion joints and joint seal repair in the vicinity of the north and south garage areas has started and is ongoing.
2. **Environmental Assessment (est. \$.25M)**. The purpose of this project is to evaluate environmental impacts related to the mitigation of obstructions with in the aircraft approach surfaces to the runways. This is in follow up to the recently completed Master Plan, which includes obstruction identification and environmental review. The scope and IFE process is complete and a grant application was prepared and submitted on April 29, 2022. Grant received. Contract issued with work progressing. Letters currently going out to property owns about the investigations required. Investigations are complete with the report in progress. The draft report has been submitted to the FAA for review. Also, a scoping meeting outline was send. The scoping meeting will be scheduled soon.
3. **South Terminal Replacement Project (\$35M)**. The purpose of this project is for overall terminal efficiencies and a better passenger experience. Due to increased aircraft seating existing passenger hold areas are overcrowded during peak times as identified in the recent Master Plan Update. Recently the opportunity had risen through the Airport Terminal Improvement Program from the Bipartisan Infrastructure Law. We have submitted our request for full build out of this project, including: Demolition of the existing South Concourse; new Terminal improvements (approximately 45,000 SF of new gross floor area on 2 levels); five (5) new aircraft gates; up to four (4) new passenger boarding bridges (PBB), new passenger circulation and hold rooms; future concessions space; and apron construction within demolished South Concourse footprint. The South Terminal Replacement Project will be approximately 160' farther from Taxiway A as the existing South Concourse. We were not selected this past year and have reapplied for FFY23

design only. We did receive notice from the program that we will be awarded the a design only grant for this project. We have finalized discussions with the FAA to how best move this project forward in the future, as the timing to design this needs to be pushed back due to FAA scheduling requirement and having the funding to complete the construction of this project.

4. **Cargo Apron Design Project (\$0.3M).** The purpose of this project is to provide additional space for other potential cargo carry operations. Have submitted 7460-1 (Air Space Review) to FAA for this project. The scoping of the he project, design only has been completed with the FAA. The IFE process for completion before a FAA Grant Application in April has been completed. Grant Application was submitted on April 3, 2023. Grant has been issued, moving to finalize contract. The contract has been issued to Hoyle, Tanner and Associates with the design to started. It has been determined that this project will require additional FAA technical operations review prior to proceeding. The FAA updated review has been issued as favorable, and the project design is moving forward.
5. **SRE Building Design (\$1.2M).** The purpose of this project is to replace the existing out dated facilities, which does not meet the storage needs of the required equipment to maintain the airfield. A contract for study is being completed with programing and scoping moving forward. The scoping session with the FAA has been completed. The final scope is complete with the IFE process was completed. The Grant Application was submitted to the FAA. Contract has been signed with Passero Associates to design and bid this project. Site investigations were completed in November. The site plan is developed with the building design at 30%. We have had page turn of the draft plans. Applications for permits are being moved forward.
6. **Burlington Tech Center (BTC) (\$12M).** The purpose of this project is to support the design efforts for an improved facility at the airport for the regional educational needs. The Burlington School district has been given an award for \$10M in which they are in the process of applying for. We continue to work with the school on this project. Permit applications were submitted on March 25th to the regulatory bodies for this project. The SB DRB issued there positive decision with follow submittal needed as agreed during the hearing. **DEW was the selected contractor. Construction started December 4th. The planned completion is August 2025.**
7. **FAA CIP for next 5 years.** We had our FAA Airports Division CIP review on September 14th.The focus was on next years proposed projects (FFY24), with the balance of the meeting discussion on the needed funds for our identified projects for the additional 4 years and beyond. A couple of weeks ago we had our annual review. IT went very well with the FAA requesting proposed project worksheets. They asked that we submit them in the next 2 weeks. Item's (Projects) included the balance of Project Next, TW C rehabilitation, obstruction removal, and the SRE Building.

8. BETA – Development

Communication and coordination with Beta on the first phase of the Electric Aircraft Assemble Facility and Valley West Hangar for all aspects of permitting, environmental, engineering, utilities and attendance at public hearing and construction meetings. The first Phase is complete.

- 9. South Apron and TW G Ext. Development (\$6.6)**. The purpose of this project is to provide much needed additional general aviation apron area on the airfield. Received scope and proposal from the consultant (Hoyle, Tanner and Associates) and have completed the FAA scoping session. The FAA IFE process is complete. The proposed project would extend Taxiway G approximately 100', construct a 19,000 SY general aviation apron in the area of the "quarry". Excess material from the site would be used to fill in the "gully" creating a level area along the Medium Intensity Approach Light System (MALS) approach lighting plane replacing two light stations currently on towers with ground mounts and connecting the vehicle service road from the civilian to the military side of the airport. Scope for design and bidding has been completed with an IFE. Design is underway. There has been a delay in design do to the availability of the geotech contractor. Request for bids have been issued. The geotech report confirmed that a total fill of the gully is not economically feasible at this time. Grant has been recieved. Received Bids with the selected bidder being Engineers Construction, Inc. Grant Application has been submitted to the FAA. Completed questions from the FAA on the Application. We have completed permit process. Contractor started mobilization/construction on July 17, 2023. Mass excavation is complete. Stormwater chamber installation is complete, with other drainage piping work is completed. Placement of final sub-base materials is underway. In vicinity of the Beta building a temporary aircraft access for the winter is complete. Project is complete with exception to tie downs. This is being coordinated.

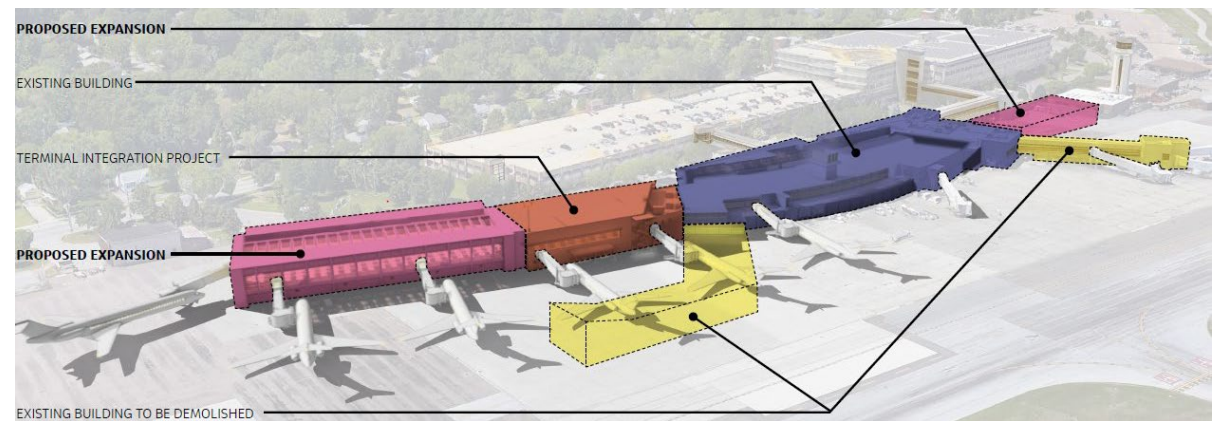
- 10. Glycol System Upgrade (est. \$3.5M)**. The purpose of this project is to improve the glycol system (De-icing). We have had additional follow up discussions with the FAA and it appears this is eligible for funding and is being added back into our FAA CIP. We have received and reviewed the site evaluation and process review scope. We brought this for Airport Commission approval last month subsequently, it was approved by City Council. Study is moving forward. We visited the Syracuse Airport to evaluate and understand the technology they were using to compare to our Portland Jetport visit. The Draft study has been issued and is under review by the airport team. **A review session with Stantec is scheduled for January 10th.**

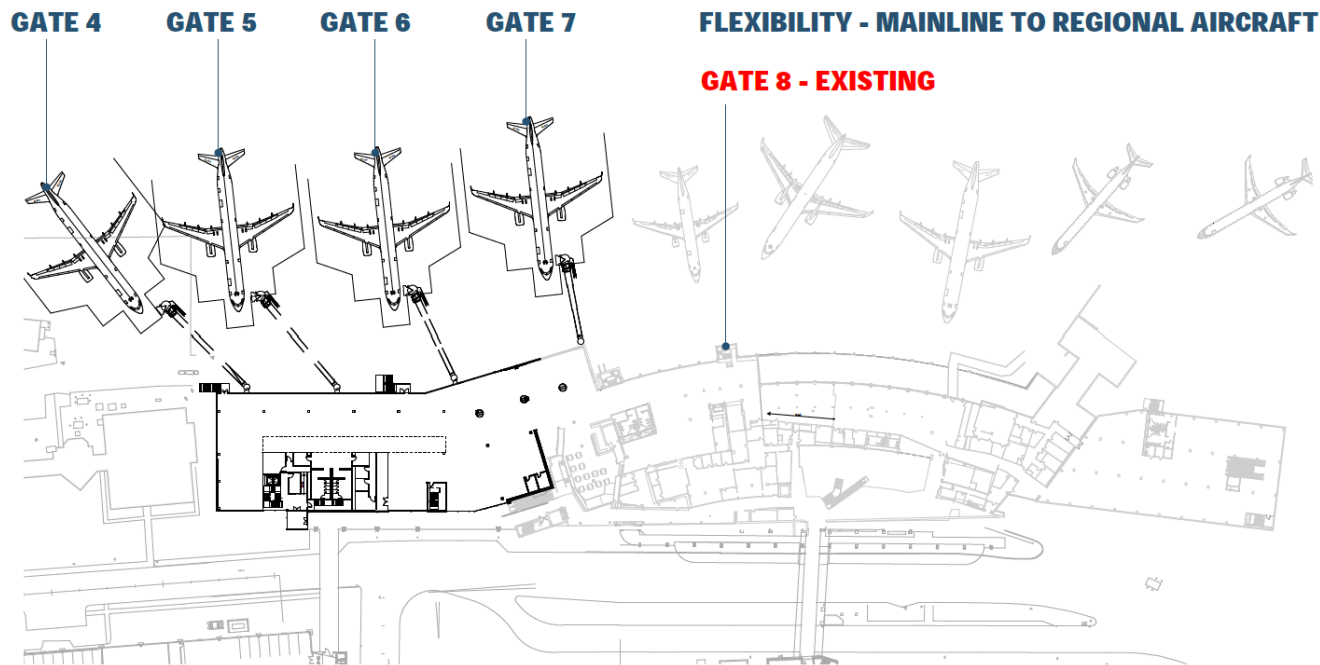
- 11. North Terminal Improvement Project (\$2.2M)**. The purpose of this project is for overall terminal efficiencies and a better passenger experience due to the completion of the TIP the north terminal will be upgraded to provide more capacity for passengers and concessions. This includes the removal of the existing north TSA station along with the removal of the existing escalators. This project is under design and funding is anticipated from the recent approval of the Infrastructure

Law. Received Bids with the selected bidder being Engelberth Construction, Inc. Preparing and submitting Grant Application. This will become a FFY23 Project. We have received the Grant from the FAA. Construction is nearing completion, and should be complete by September 15th. There was a delay related to the glass for the new restaurant area. Construction is complete with final inspection with the FAA completed on 10/30/23. Project closeout in process. We have applied for an additional grant to add additional egress lanes in both the North and South Terminal locations. A grant application was submitted April 26th to the FAA. Received BOF approval to accept the Grant on June 17, 2024, City Council to vote on June 25, 2024. Grant has been issued for the two new egress lanes.

- 12. PROJECT NEXT: North Terminal Replacement Project and New PBB's (\$63M).** The purpose of this project is for overall terminal efficiencies and a better passenger experience. Due to increased aircraft seating existing passenger hold areas are overcrowded during peak times as identified in the recent Master Plan Update. Recently the opportunity had risen from Senator Leahy's office through Congressional Directed Spending. We have submitted our request for full build out of this project Phase III Terminal Improvement Project, including: Demolition of the existing North Concourse; new Terminal Improvement (approximately 25,000 SF of new gross floor area on 2 levels); five (5) new aircraft gates; six (6) new passenger boarding bridges (PBB), new passenger circulation and hold rooms; future concessions space; and apron construction within demolished North Concourse footprint. Contract for 30% design has been issued to Jacobs Engineering Group. Geo-technical site work has been completed. Data collection and design currently on going. We submitted to the FAA for a Construction Manager at Risk (CMAR) RFQ/P construction development process. We received approval from the FAA on this procurement process. The RFQ/P for CMAR has been advertised with a pre-bid meeting and site visit by prospective contractors completed. CMAR Proposals received reviewed and scored. Also, held interviews with the top 3 contractors. This has been scored and we can let you know the selected contractor at the AC meeting. As reported the CMAR selected is Engelberth Construction Company. The contract with our design engineer, Jacobs Engineering Group, is completing the 80% design to move to pricing. We received City Council approval to accept the Grant on March 25 for this project, as brought for your approval during our last meeting. Our CMAR is in the process of receiving bids for the final price for this project. The FAA asked us to submit a draft grant application for administrative review prior to final construction pricing to help us expedite the grant issuance, with them once final pricing is in. The Draft Application was completed and submitted on March 27. The FAA grant application was submitted on May 23. Received BOF approval to accept the Grant on June 17, 2024, City Council to vote on June 25, 2024. We received the Grants for this project. The enabling work has started on the project.

Conceptual Renderings – North and South Terminal (concourse) Improvements





13. **RW 15 – 33 Improvements – Mill and Overlay (15M).** The purpose of this project is to improve the pavement condition of the airport's main runway. The 100% plans are complete and we are moving to bid this project. FAA Grant Application will be submitted by May 1, 2024. Construction will begin in the spring of 2025. This project bids were received on April 18. The bids received were in line with the engineers estimate and bids reviewed were all within a difference of \$100K on a \$10.2M low bid. Received BOF approval to accept the Grant on June 17, 2024, City Council to vote on June 25, 2024. We received the Grant for this project. Construction to start in May.
14. **Airfield Pavement Plan Update (\$.25M).** The purpose of this project is to update the outdated pavement condition report done in 2017. All surfaces will be evaluated so we can plan on future improvement for the safety of the aircraft users. Scoping has been completed with the FAA. We have completed the IFE. A Grant Application was submitted on April 3, 2023. Investigations have started, and the grant has been issued. Moving to finalize contract. The Contract has been issued to HTA with the investigations being completed. The report is in progress.
15. **TW C/G Rehabilitation (\$4.6M).** The purpose of this project is to improve the pavement condition of the airport's taxiway C and intersection at taxiway G. Site investigation (geotechnical, survey...) have been started then it will move to design. FAA Grant Application will be submitted by May 1, 2025. Construction will begin in the spring of 2026.

16. **Obstruction Removal (\$0.5M)**. The purpose of this project is to remove potential obstructions within the aircraft approach surfaces to runways 15 and 33. Environmental Assessment is almost complete with the scoping session with the FAA to be scheduled. FAA Grant Application will be submitted by May 1, 2025. Construction will begin as soon after grant is issued as possible taking into environmental conditions.
17. **Runway 33 Threshold Bar Improvement Project (\$.25M)**. The purpose of this project is to remove the damaged navigational aid, replace the lights and rings, and place a quick dry durable concrete for a longer term fix. This bar has been detreating for years. The airport has spent thousands of dollars repairing this FAA owned aid. We have also spent years working to resolve this issue with the FAA Tech Operations Section and finally have a plan to move forward.

VTANG Arrester Cable Drainage (Stormwater) Project (\$1.5M). This project involves repairing and modifying the existing Aircraft Arresting Systems (AAS), which are safety mechanisms designed to rapidly decelerate aircraft during landings or takeoffs by catching the aircraft with cables or barriers. The improvements will include upgrading the drainage system by adding infiltration galleries and connecting it to the existing stormwater system, ensuring continued compliance with state and federal stormwater regulations. Enhancements include upgrading the sump pump capabilities to establish redundant drainage functions in each barrier pit, updating the control system for flood-level monitoring, and relocating the Arresting Gear Markers. The AAS at Leahy BTV are the only functioning systems for this installation and are critical to operations. This project will be completed concurrently with the Runway 15 – 33 Rehabilitation Project.

Projects in closure process or on hold.

1. **In-line Baggage Screening System Design (\$.75M)**. The purpose of this project is to update the baggage screening system from independent system to a more efficient streamlined in line baggage system. This project design is substantially complete and moving to closure so we may work with TSA for a grant on construction in future years. TSA has included this in their 2027 fiscal year budget, at this time.
2. **Gate 9 Passenger Boarding Bridge (PBB) (\$2.0M)**. The purpose of this project is to provide a fully enclosed access for passengers to the commercial aircraft using the Terminal Gate 12 location on the Apron from the new TIP. Received scope and proposal from the consultant (Jacobs Engineering Group). The FAA scoping session was completed with the FAA. The Independent Fee Estimate (IFE) process is underway. This project is for the installation of a new PBB. The new PBB will be located at the south end of the Terminal Integration Project (TIP), which is currently under

construction. The second floor of the TIP will serve as the Gate 9 hold room. The new PBB will eliminate the need for passengers to descend a stairwell, walk across the apron, and board aircraft via a stair truck. Accessibility for disabled passengers will be drastically improved as well. This project is being initiated now to identify the preferred rotunda location and PBB configuration while the TIP project can still accommodate changes. Bids were received on April 27, 2022 and a grant application was prepared and submitted on April 29, 2022. Grant received. Construction contract issued moving forward with construction. Construction and installation is nearing completion. Due to a request of one air carrier for a certain angle an addition wedge piece was fabricated for connection to the building. The new PBB is operational and functioning well. The new PBB construction is complete with Final Inspection with the FAA was completed on 10/30/23. Project closeout in process.

- 3. Taxiway A Mill & Overlay (est. \$3.7M).** The purpose of this project is maintenance and the addition of safety measures to include new edge lighting and paved shoulders. The scope and proposal to have been received from the consultant (McFarland and Johnson Consulting, Inc.) A scoping session with the FAA was completed. The FAA Independent Fee Estimate (IFE) process has started. The permitting preparation process has started. The project consists of the rehabilitation of approximately 21,000 SY of existing Taxiway A pavement between Taxiway C and Taxiway G. Additionally, the project will include the construction of one 20-foot asphalt shoulder. The major project components include the mill and overlay of approximately 21,000 SY of existing taxiway pavement, the construction of approximately 4,000 SY of taxiway shoulder pavement, the installation of new taxiway edge lighting, airfield signage, and other ancillary items. Bids were received on April 20, 2022 and a grant application was prepared and submitted on April 29, 2022. Received grant moving to scheduling and contracts. We submitted an additional grant application for this project which includes the remainder of TW A and corresponding connection to TW C. Grant was received last week. This was initially removed from the previous year application do to limits on funding. Construction started on July 24, 2023. Construction is substantially complete. Final Inspection with the FAA was completed 10/30/23. There are inspection punch list items to be completed. We are establishing an approach to make the corrections. The corrections have been completed, moving to project closeout.