



Airport Master Plan Update

Technical Advisory Committee (TAC)

Meeting #4

October 31, 2023

www.ALB-Master-Plan.com



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LIST OF PRESENTERS

Philip Calderone, Esq.
Chief Executive Officer – Albany County Airport Authority

Connor Haskin
Airport Planner – Albany County Airport Authority

Kelly Melaragno
Senior Project Manager – CHA Consulting


Paul McDonnell
Chief Planner – CHA Consulting

Calvin Kuang
Airport Planner – CHA Consulting

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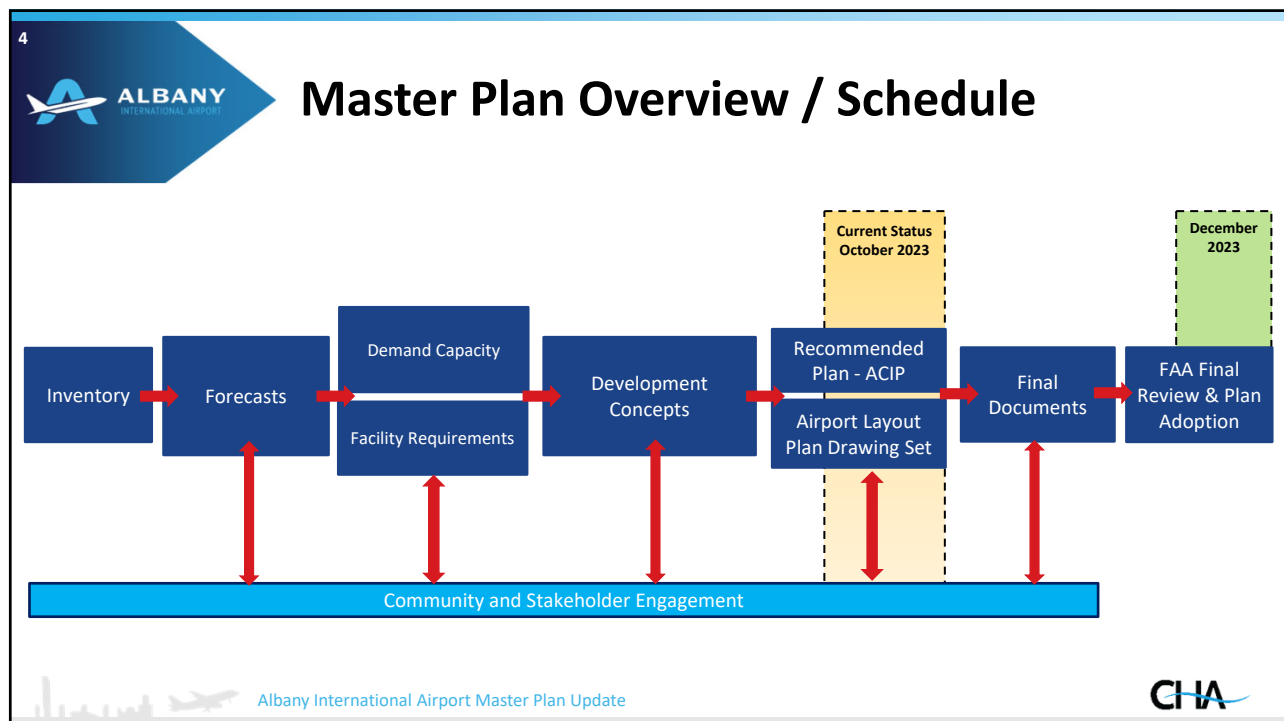
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AGENDA

- Opening Remarks
- Master Plan Purpose and Implementation
- Upcoming Public Information Meeting – November 8, 2023
- Ongoing Projects
- Recommendations
 - Phasing and Funding
- Next Steps

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Master Plan's Purpose



- A Long-Range Facility Plan
 - Provides a comprehensive development strategy for airport as a whole
 - Phased approach based on priorities
 - Considers safety, capacity & sustainability
 - Stakeholder & public Input
- Looking ahead 20 years, fosters better decision-making
- Recommended to Update Master Plan at least Every 10 Years



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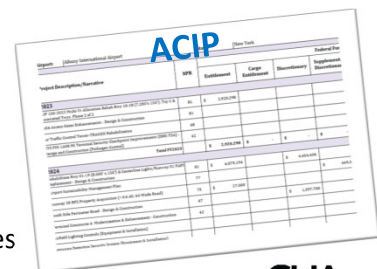
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Implementation Process

- Forecast Years Vs **Planning Activity Levels (PAL)**
 - Based on **Enplanements**
- Planning Approach:
 - Master Plan accommodates all foreseeable needs
 - Implementation is limited to documented needs
- Recommendations incorporated into the **5-year ACIP**
 - Based on priorities
 - Considers available FAA and Airport funding
- Master Plan complete, but ALB planning will continue
 - Sustainability Management Plan
 - Master Drainage Study
 - Project Environmental Reviews & Other Focused Planning Studies

| PAL | Year | Enplanements |
|-----|------|--------------|
| 1 | 2026 | 1,700,000 |
| 2 | 2031 | 1,840,000 |
| 3 | 2036 | 1,980,000 |
| 4 | 2041 | 2,100,000 |



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Final Study Meeting



- **Public Meeting - No. 2**
 - November 8th – CHA Office

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Public Information Session – No. 2

3 Winners Circle (CHA Office)



**Public Information Open House
Albany International Airport
Master Plan Update**

**Your insight on the future of Albany
International Airport is needed!**

The Albany International Airport is developing a Master Plan Update to support growth and guide airport improvement to meet existing and future needs of Airport users over a 20-year planning period.

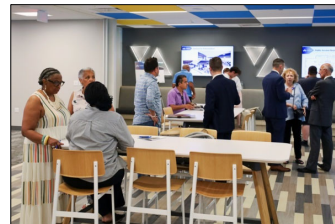
Attend the Public Information Session No. 2

Please attend the *final* information session to learn more about the ongoing Airport Master Plan Update. You will have an opportunity to provide feedback on the Draft Plan that will guide future Airport Development.

Wednesday, November 8, 2023, 5 – 7 PM
3 Winners Circle
Albany (Colonie), NY 12205

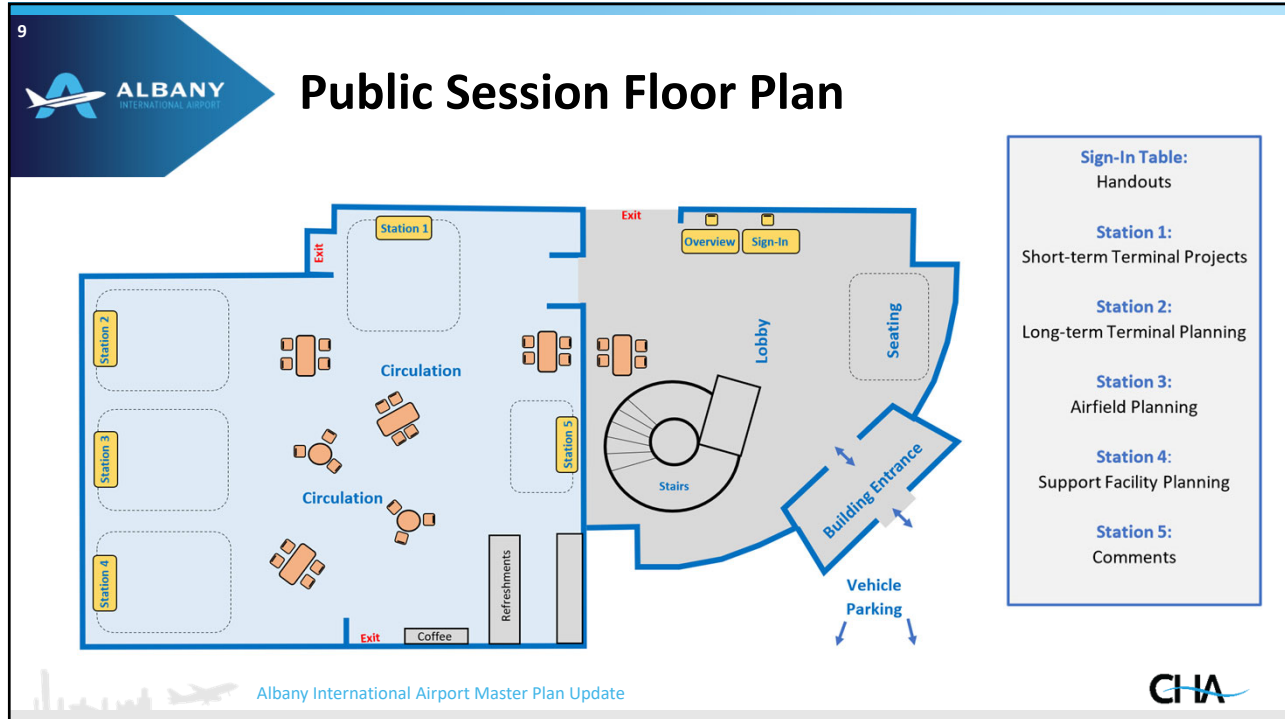
Stay Connected Online: www.ALB-Master-Plan.com

On the website, share your input, join the mailing list, and stay up to date with the Plan process and documents.



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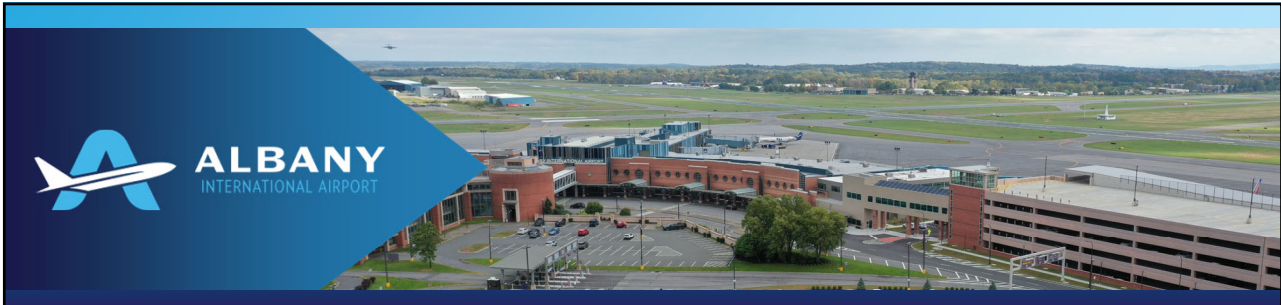
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Facility Requirements Summary

| Facility | Key Requirements | Existing | Required (long-term) |
|---------------------------|----------------------------------|-------------------------|-------------------------|
| Airfield | FAA Design Standards | Outdated | Upgrades to Standards |
| | Runway 1/19 Parallel Taxiway | West Side | East and West Sides |
| Terminal Building Complex | Security Checkpoint Expansion | 4,100 SF | 12,000 SF |
| | Departure Gates | 4 Gates | 16 Gates |
| | Outbound Baggage System | Separate by Airline | In-Line, with Screening |
| | Concessions | 25,000 SF | 38,000 SF |
| | Other (Ticketing, Baggage Claim) | Adequate | Long-Term Expansion |
| | Passenger Parking | 7,000 Spaces | Potential 9,800 Spaces |
| Support Facilities | Hangars (FBO, Corporate, MRO) | 190,000 SF* | 330,000 SF* |
| | Aircraft Rescue & Fire Fighting | Constrained, Undersized | New Relocated Station |
| | Fuel Farm | Adequate | Potential 25% Expansion |

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*Not including T-Hangars & NYANG



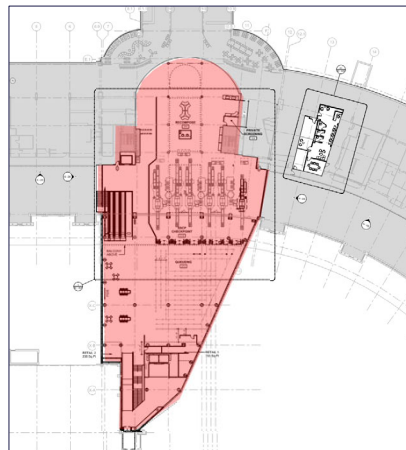
Ongoing Projects



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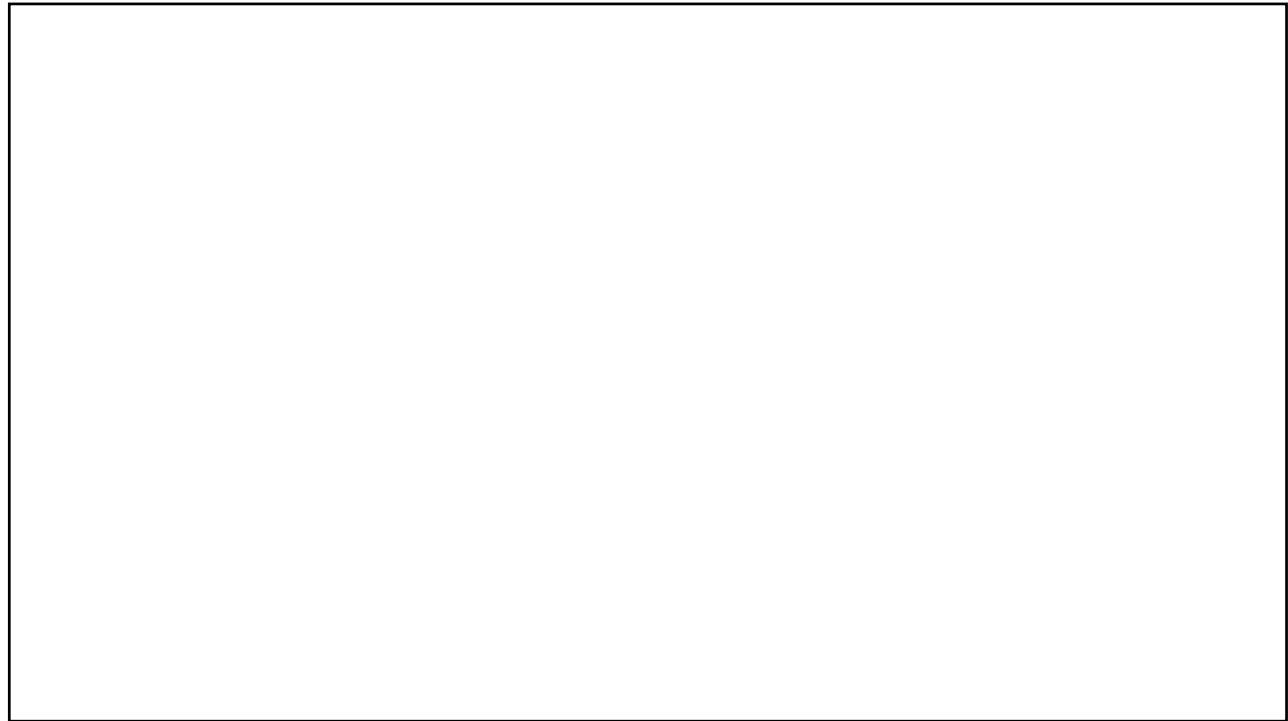


Security Checkpoint Expansion



- Address existing congestion during peak hours
- Current status: Under Construction
- Construction: 2023-2025





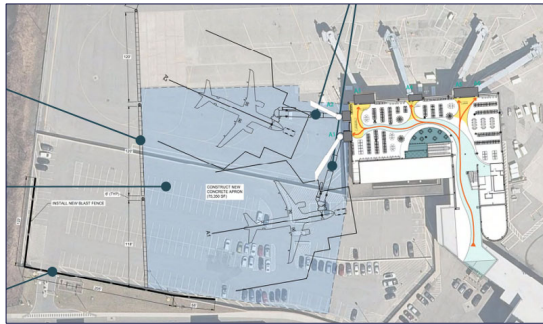
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Concourse A Renovation



- Provides two additional gates on Concourse Level
- Improve interior holdroom layout



- Current status: **Design Completed;**
Funding Application Submitted

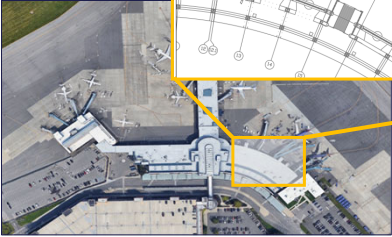
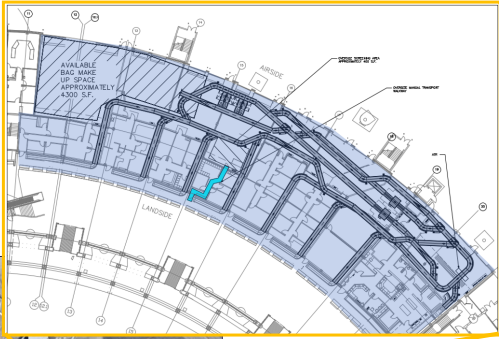


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Outbound Baggage



- Consolidates baggage handling for departing flights
- Current Status: **Under Design**

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Airfield Recommendations

| Short-Term | | Mid-Term | | Long-Term | |
|-------------------------------------|----------------|---|----------------|---|----------------|
| Project | Funding Source | Project | Funding Source | Project | Funding Source |
| Southside Service Road | FAA | VOR Relocation/ Demolition | FAA* | Eastside Parallel Taxiway – Phase 3 | FAA |
| Property Acquisition (64 Wade Rd) | FAA | Eastside Parallel Taxiway – Phase 2 | FAA | Taxiway ‘P’ Extension | FAA |
| Eastside Parallel Taxiway – Phase 1 | FAA | Direct Access to Runway 1/19 Mitigation | FAA | Taxiway ‘C’ Realignment | FAA |
| Runway 10/28 ROFA Improvements | FAA | Taxiway Re-Designation | FAA | Vertiport Development (future EVTOL aircraft) | FAA |

Routine Airfield Pavement Maintenance will be conducted throughout the planning period – **FAA** Funded

Note: **FAA** funding is 90% FAA, 5% NYS, 5% Airport. Funding sources are preliminary based on historical data and may change when projects are advanced.

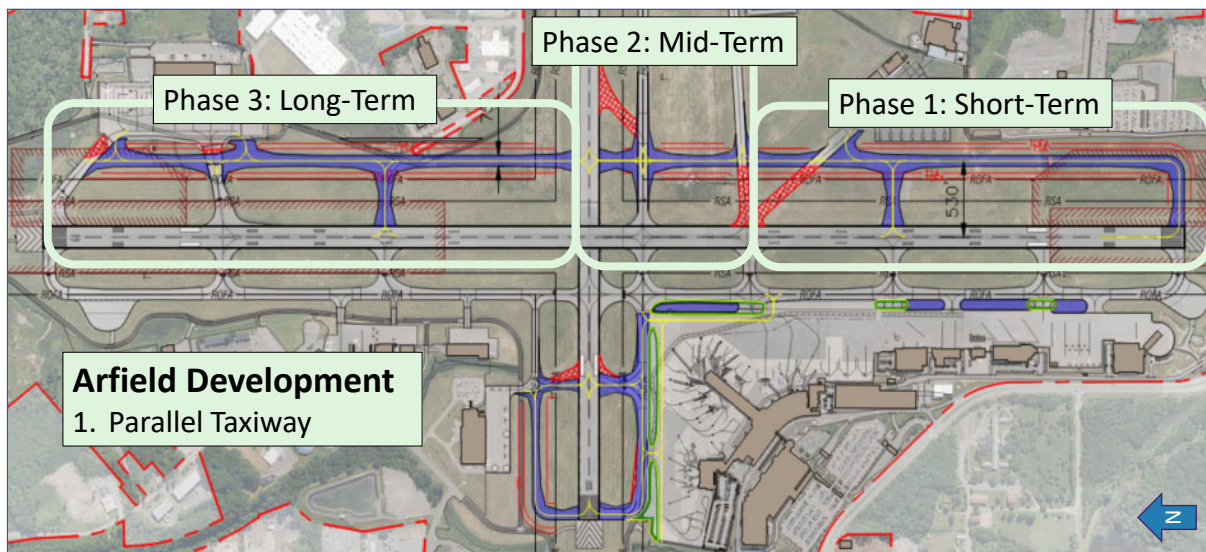
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Airfield Recommendations



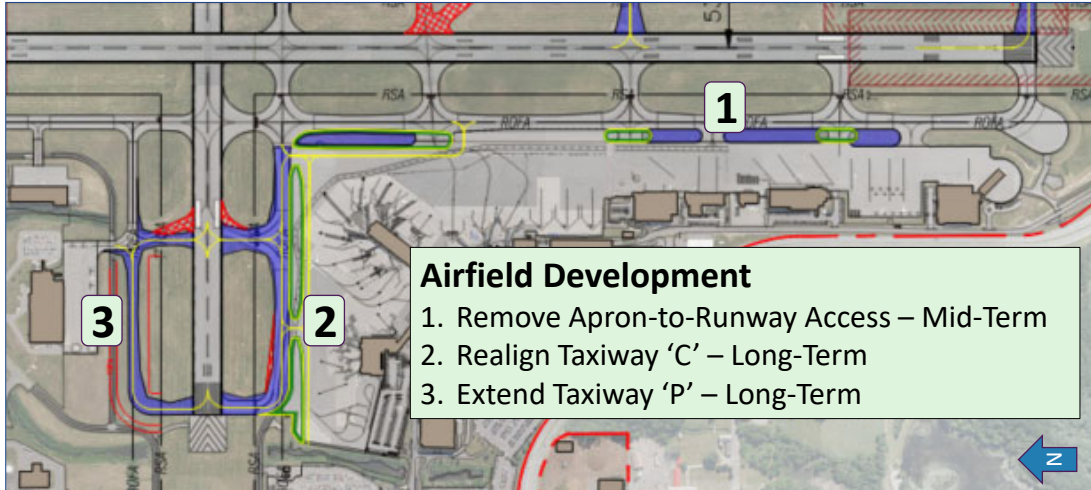
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Airfield Recommendations



Airfield Development

1. Remove Apron-to-Runway Access – Mid-Term
2. Realign Taxiway 'C' – Long-Term
3. Extend Taxiway 'P' – Long-Term



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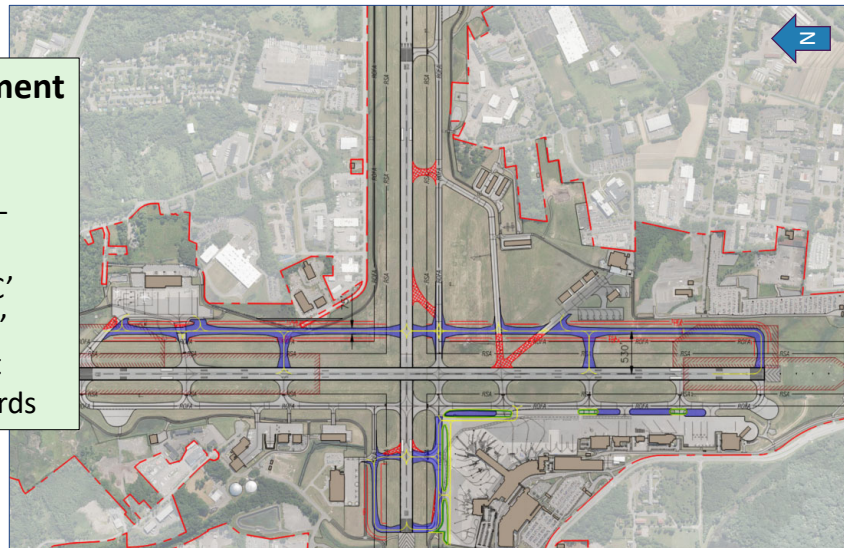
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Airfield Recommendations

Airfield Development Highlights

1. Parallel Taxiway
2. Remove Apron-to-Runway Access
3. Realign Taxiway 'C'
4. Extend Taxiway 'P'
5. Update Pavement Geometry Standards



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Terminal Recommendations

| Short-Term | | Mid-Term | | Long-Term | |
|--|-----------------|-------------------------------|----------------|--------------------------|-----------------------|
| Project | Funding Source | Project | Funding Source | Project | Funding Source |
| Airport Traffic Signalization Improvements | Airport / State | Economy Lot E Expansion | Airport | Concourse B Rebalancing | Airport / State / FAA |
| | | Terminal Roadway Improvements | FAA | Parking Garage Expansion | Airport |

Routine Terminal Maintenance will be conducted throughout the planning period – Airport/FAA/State Funded

| Beyond Planning Period (+20 years) | Funding Source |
|------------------------------------|----------------|
| Concourse C Expansion | Airport / FAA |
| Concourse A Holdroom Expansion | Airport / FAA |

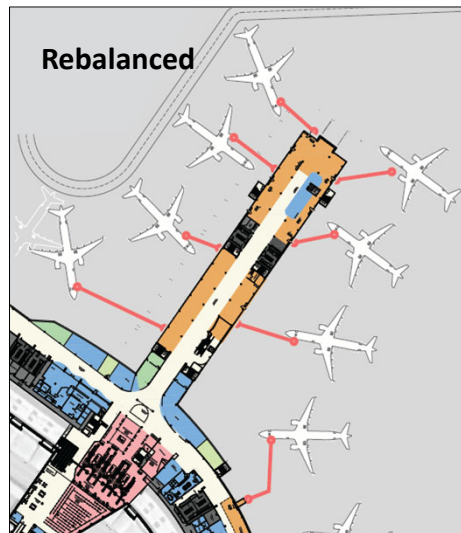
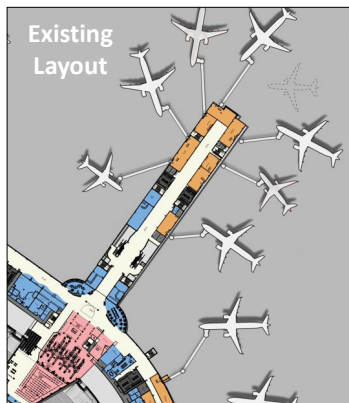
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Terminal Recommendations – Rebalance Concourse B



- Mid-term Recommendation:**
- Evenly Spaced Gates
 - Expanded Holdrooms
 - Relocated Concessions

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Terminal Complex Recommendations

Terminal Building:

- Expand Security Checkpoint
- Expand Concourse A Holdroom
- Rebalance Concourse B
- Expand Concourse C

Roadway/Parking:

- Expand Garage
- Create New Commercial Lane
- Reconfigure Traffic Flow
- Improve Airport Entrance Road

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Landside / Support Recommendations

| Short-Term | | Mid-Term | | Long-Term | |
|--------------------------------|----------------|--------------------------------------|------------------|-------------------------------|----------------|
| Project | Funding Source | Project | Funding Source | Project | Funding Source |
| FBO Hangar Expansion | Airport | SRE Building Expansion /Improvements | Airport | Aviation Fuel Farm Expansion | Airport |
| AvGas (UL94) Tank Installation | Airport | Air Cargo Facility Expansion | Airport / Tenant | ARFF Station Relocation | Airport / FAA |
| | | MRO Facility Improvements | Private | MRO Facility Improvements | Private |
| | | Business Aviation Development | Private | Business Aviation Development | Private |

Routine Facility Maintenance will be conducted throughout the planning period – Airport/FAA/Private Funded

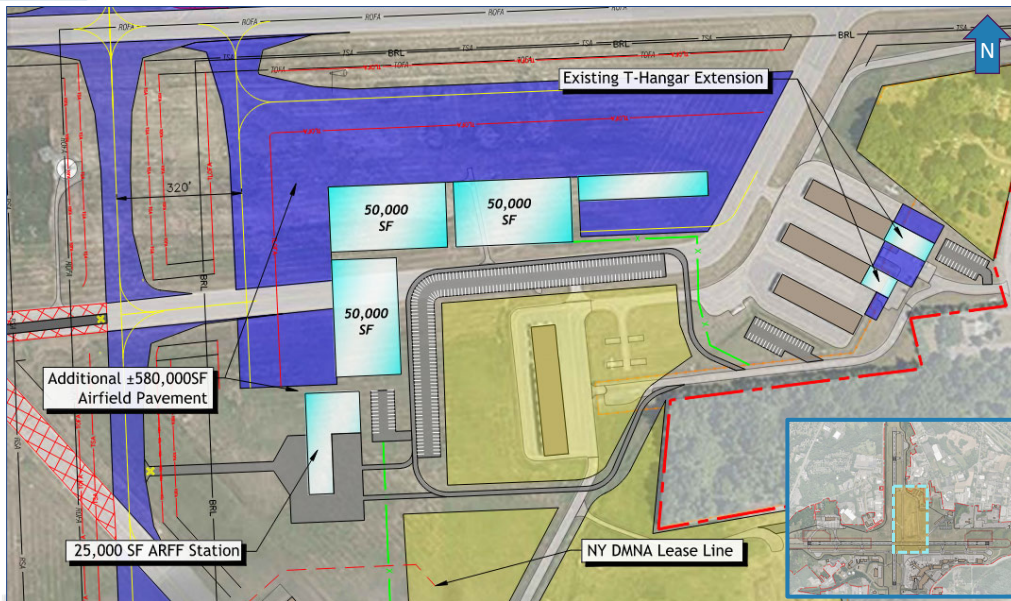
Note: Funding sources are preliminary and may change when projects are advanced. NYS Capital Development funding is also possible per recent programs.

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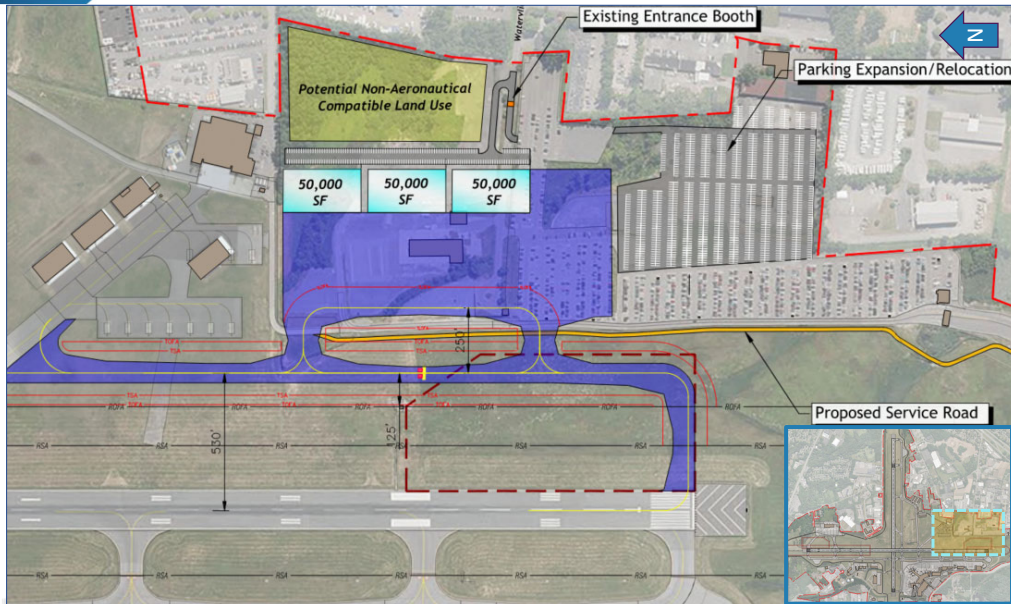
Business Aviation Development



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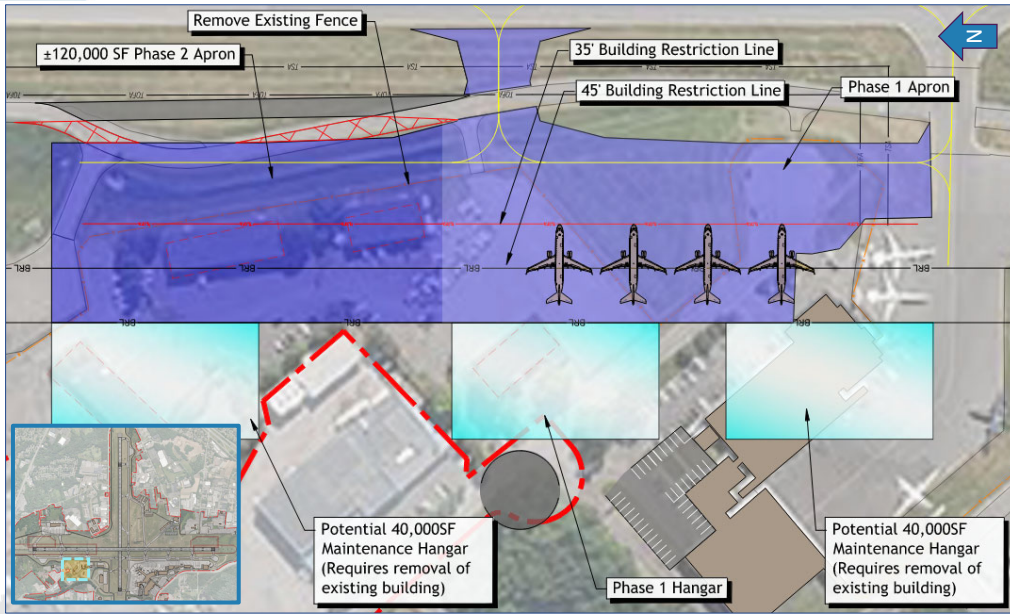
Business Aviation Development



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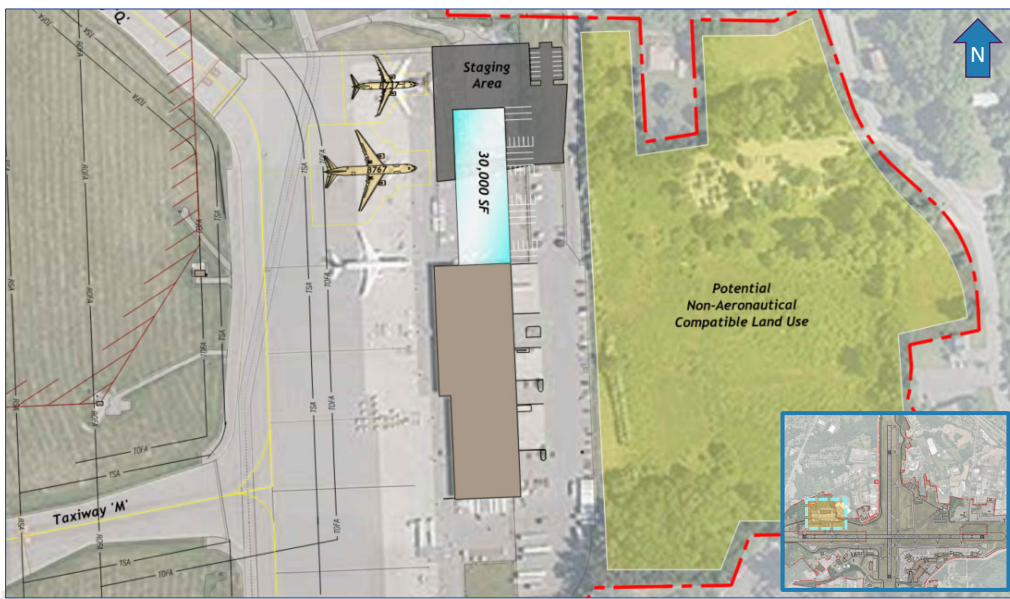
MRO Development



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Cargo Development



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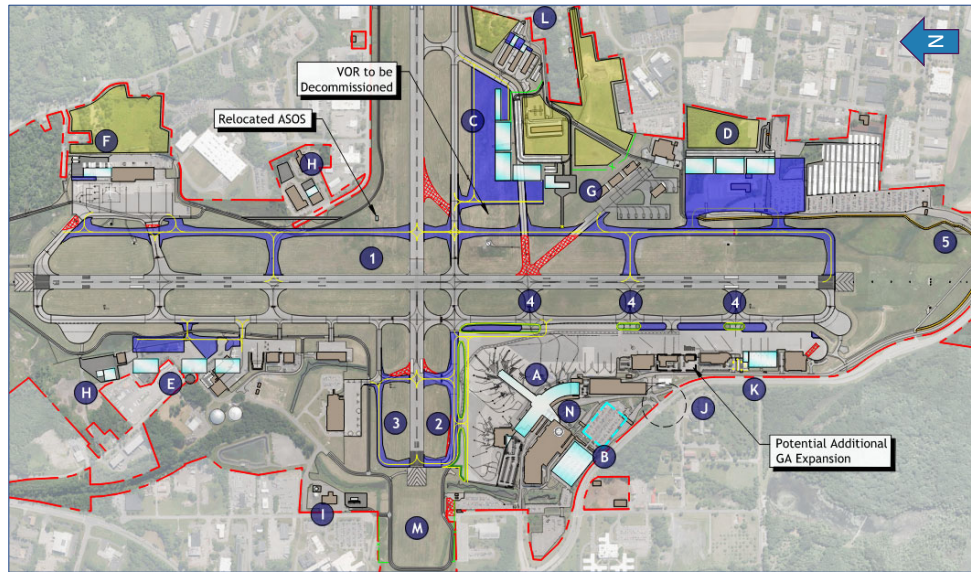
Recommended Plan

Landside Development

- A. Expand Terminal
- B. Improve Parking and Curbside Access
- C. Business Aviation 1
- D. Business Aviation 2
- E. Expand MRO Facility
- F. Expand Cargo Facility
- G. Relocate ARFF Station
- H. Expand SRE Maintenance Facility
- I. Increase Fuel Farm Capacity
- J. Potential Entrance Road Improvements
- K. Expand FBO Facility
- L. Expand Existing T-Hangars
- M. Improve Runway Safety Surface

Airfield Development

- 1. Parallel Taxiway
- 2. Realign Taxiway 'C'
- 3. Extend Taxiway 'P'
- 4. Remove Direct Apron-to-Runway Access
- 5. Extend South Service Road



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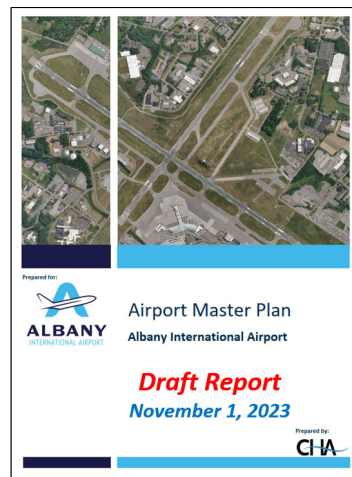


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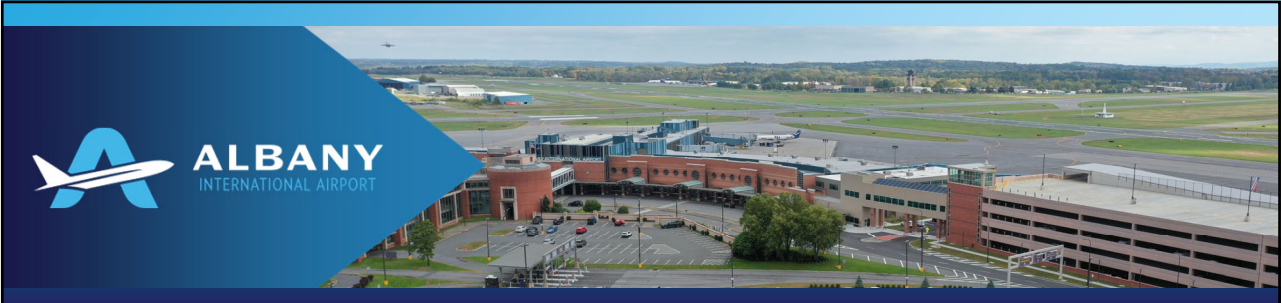
What's Next – Final Study Activities

- **Draft Report & ALP – November 1st**
- **Public Meeting - No. 2 – Nov. 8th (CHA Office)**
- **Review Period – Month of November**
- **Final Report & ALP – December**
- **FAA Approval/Acceptance**



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THANK YOU!

