



**ALBANY**  
INTERNATIONAL AIRPORT



# Airport Master Plan Update

Regional Advisory Committee (RAC)

Meeting #3

*June 8, 2023*

*10:00 AM*

[www.ALB-Master-Plan.com](http://www.ALB-Master-Plan.com)

## AGENDA

**Opening Remarks**

**Overview / Upcoming Meetings**

**Forecast Summary**

**Facility Requirements**

**Development Alternatives**

**Next Steps**

## LIST OF PRESENTERS

**Philip Calderone, Esq.**

Chief Executive Officer – Albany County Airport Authority

**Kevin O'Connor**

Chief Executive Officer – Advance Albany County Alliance

**Erin Crotty**

National Market Director – CHA Consulting

**Kelly Melaragno**

Senior Project Manager – CHA Consulting

**Paul McDonnell**

Chief Planner – CHA Consulting

**Jeremy Martelle**

Northeast Aviation Design Team Leader – CHA Consulting



# Master Plan Overview

- Guides Development & Modernization
- Follows FAA Guidance & Standards
- Support Future Aviation Demand
- Covers 5, 10, & 20-year Horizons
- Updated Every 10 Years (Recommended)
- *Required by FAA*

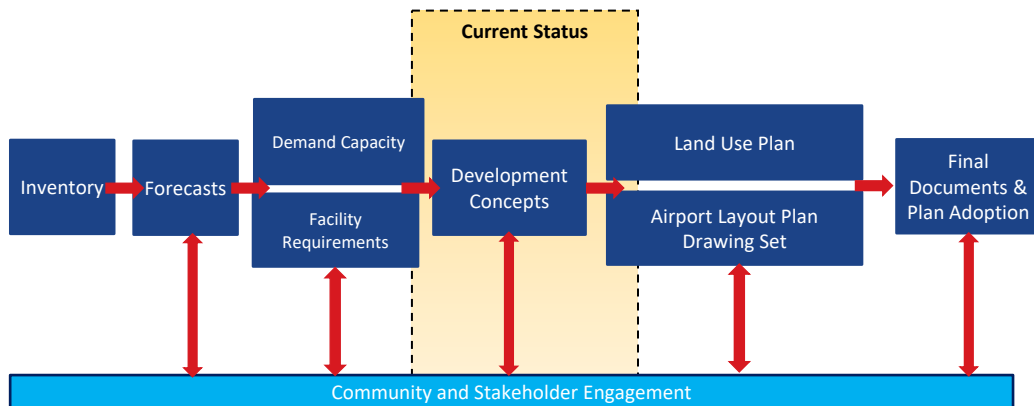
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2022



# Master Plan Overview





## Public Information Session

**Tuesday – June 20, 2023**

3 Winners Circle (CHA Office)



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## Public Meeting Format

- Location – CHA Office: 3 Winners Circle
  - Meeting Room is Welcoming
  - Ample & Easy Parking
  - Water, Soda & Coffee
- Open House Format: Stations Staffed by CHA Team
  - Master Plan Purpose & Process
  - Passenger Terminal Needs & Concepts
  - Airfield / Support Facilities Needs & Concepts
- Comment Station (Email & Comment Cards, Note Taker)
- Albany Airport Staff Present



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# Public Meeting Outreach

Public Meeting Flyer

**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**  
Please attend the 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.

**Thursday, June 20, 2023, 5 – 7 PM**  
3 Winners Circle  
Albany (Colonie), NY 12205

Stay Connected Online: [www.ALB-Master-Plan.com](http://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.

Social Media Post

**Albany Airport** @AlbanyAirport · Mar 15

We need your input! Join @AlbanyAirport for a Master Plan Update and Public Information Meeting on June 20, 5-7 PM, at 3 Winners Circle, Albany, NY. Help guide future airport improvements to meet the needs of the Capital Region. Find more information at ALB-Master-Plan.com

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# Forecast Summary/FAA Approval

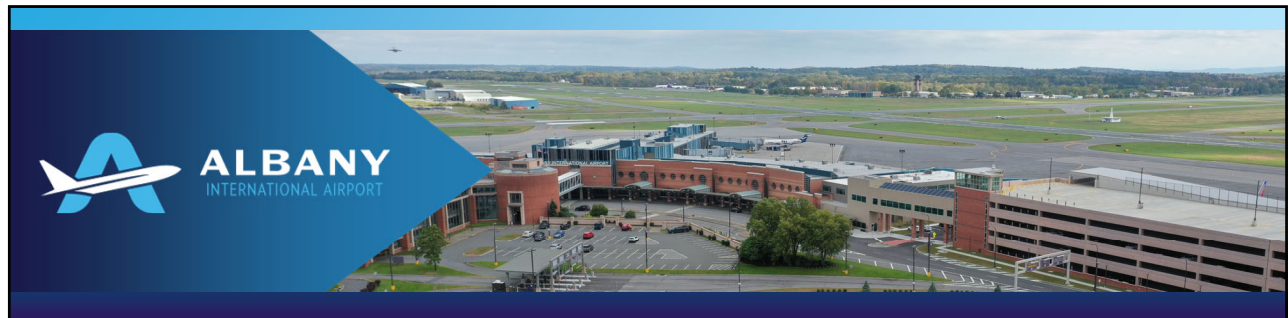
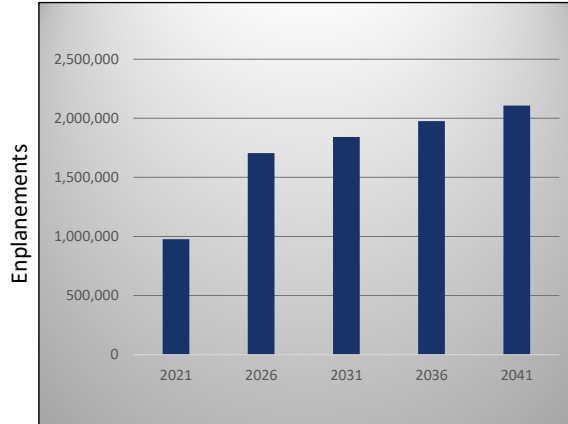




# Forecast Summary (FAA Approved)

Year	Enplanements
2019	1,492,305
2021	976,037
2022*	1,270,086*
2026	1,704,000
2031	1,841,000
2036	1,975,000
2041	2,107,000
2021-2041 Growth Rate = 3.9%	

1 Enplanement = 1 Passenger Boarding



# Facility Requirements





## Airfield Facility Requirements

Airfield Requirement	Adequacy (20 years)	Notes
Airfield Capacity	<b>Adequate</b>	Remains <50% throughout planning period
Number of Runways / Wind Coverage	<b>Two; 99%</b>	Both Runways needed for wind coverage
Runway Length, Strength & Width	<b>Adequate</b>	8,500' is adequate (Existing & Future)
Taxiway Width	<b>Adequate</b>	75' satisfies requirements
Full Parallel Taxiways	<b>Deficit</b>	Consider Runway 1-19 eastside taxiway
Airfield Lighting	<b>Adequate</b>	High Intensity, Touchdown Zone, Centerline
Approach Lighting	<b>Adequate</b>	MALSR (with Special Auth.) or ALSF-II
Navigation Aids	<b>Adequate</b>	ILS, RNAV, VOR, PAPI, REILS
Hot Spots (Potential Risk Location)	<b>None</b>	ALB has no identified FAA hotspots
Airspace Obstructions	<b>Trees / Hills</b>	Regular maintenance required



## Terminal Facility Requirements

Terminal Requirement	Existing	Short Term	Long Term
Check-In-Hall positions (with common use)	30	30	33
Security Screening Area (with current project)	4,103 SF	11,100 SF	12,044 SF
Outbound Baggage Conveyance/Screening	Separate	In-line	In-Line
Gates (with reconfiguration/common use)	14	16	16
Concessions	25,900 SF	25,900 SF	37,911 SF
Baggage Claim Devices	3	3	4
Vehicle Parking Spaces	7,031	8,628	9,874



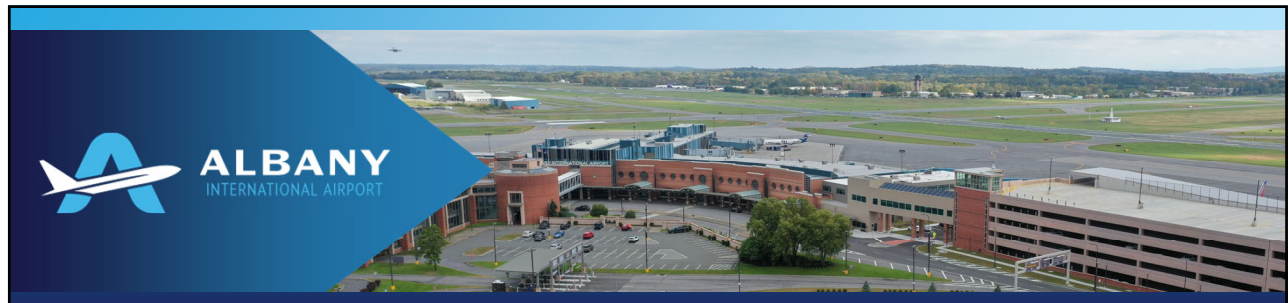


## Support Facility Requirements

Support Facility	Notes
Fixed Base Operator (FBO)	Hangar storage deficiency (60,000 SF)
Maintenance, Repair, and Overhaul (MRO)	Cannot accommodate future fleet mix dimensions
Aircraft Rescue & Firefighting (ARFF)	Outdated facilities & Undersized
Snow Removal Equipment (SRE)	SREs currently stored outside
Fuel Farm Capacity	Expand Storage Capacity 25% – 35%
Air Traffic Control Tower (ATCT)	Cab height requires routine tree clearing



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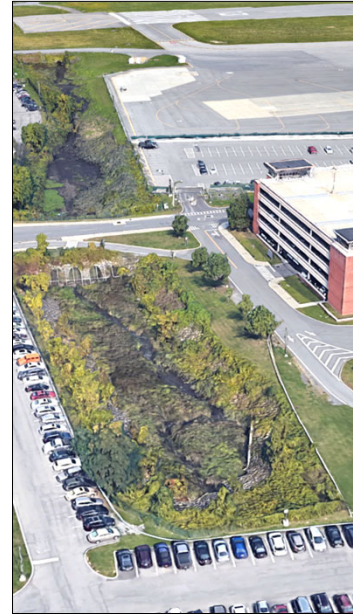
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## Environmental Overview



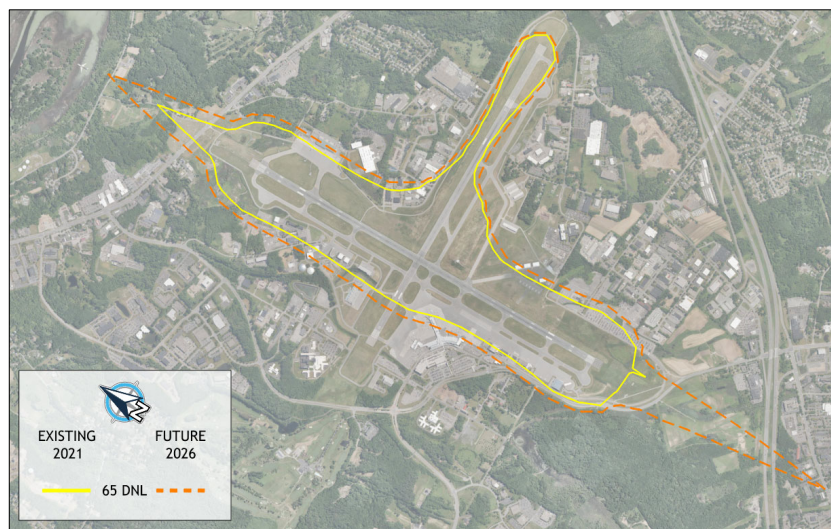
## Resources/Ecology

- **Terminal Building Development Considerations:**
  - **Historic Resources:** The terminal is within the *Watervliet Shaker Historic District*, coordination is required
- **Airfield Development Considerations:**
  - **Shaker Creek:** The 100-year floodplain - avoid or mitigate impacts
  - **Wetlands:** New developments will likely have impacts & require permits
  - **Stormwater:** New impervious areas may require substantial storm drainage improvements



## Airport Noise

- 2021 Operations still experienced effects of COVID
- 2026 Forecast Operations (2 homes within impact area)







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## Ongoing Projects

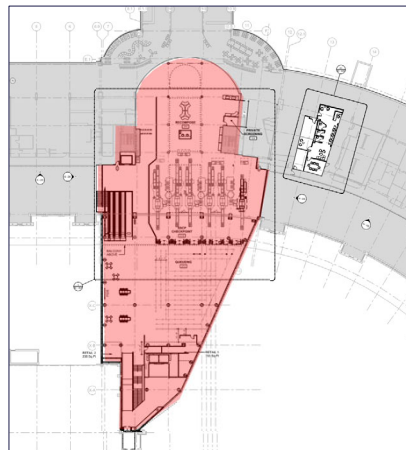


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## Security Checkpoint Expansion



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

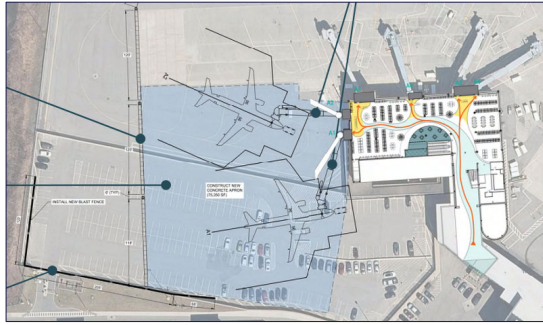


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## Concourse A Renovation

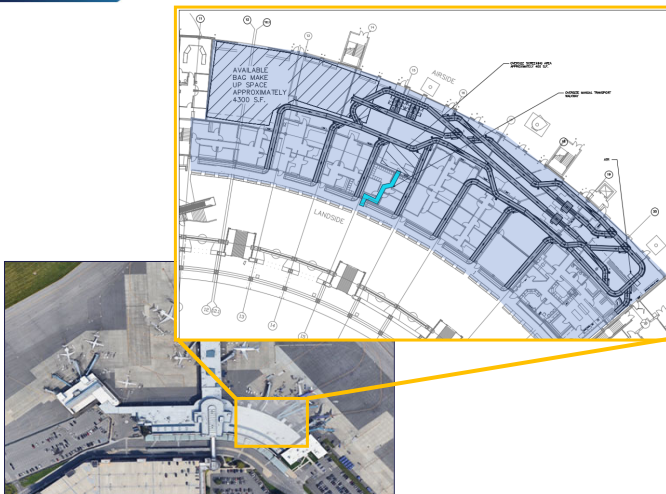


- Provides two additional gates on Concourse Level
- Improve interior holdroom layout

- Current status: **Under Design**

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## Outbound Baggage

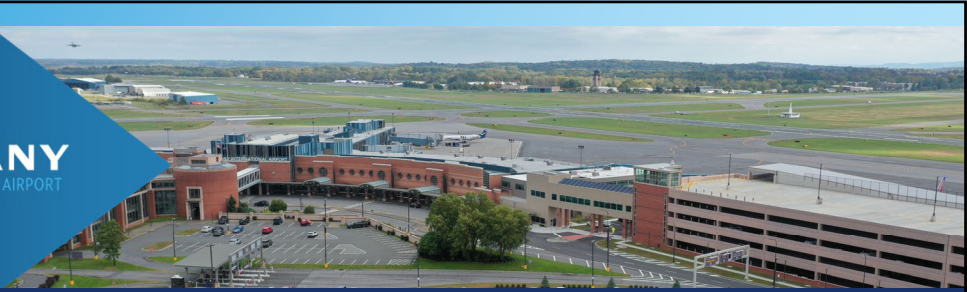


- Consolidates baggage handling for departing flights
- Current Status: **Planning**

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## Development Alternatives



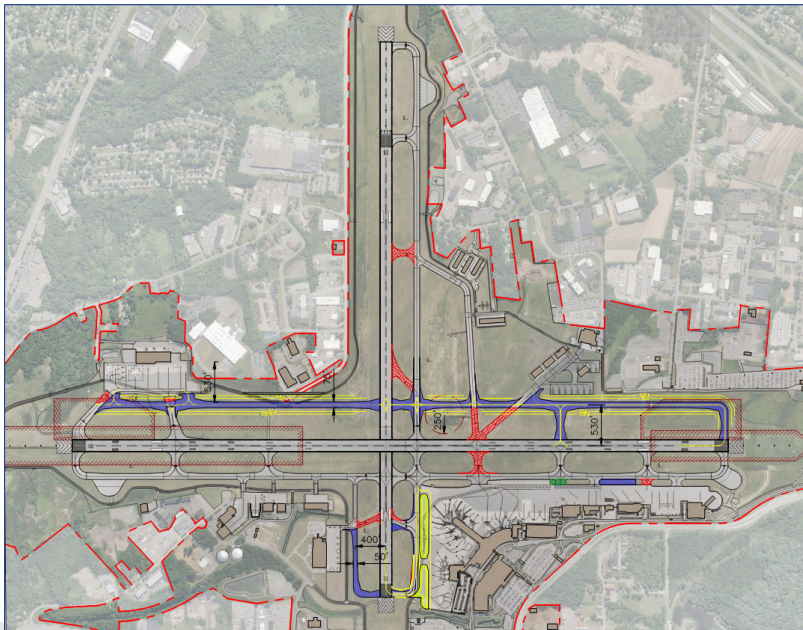
**CH2M**

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## Airfield Development



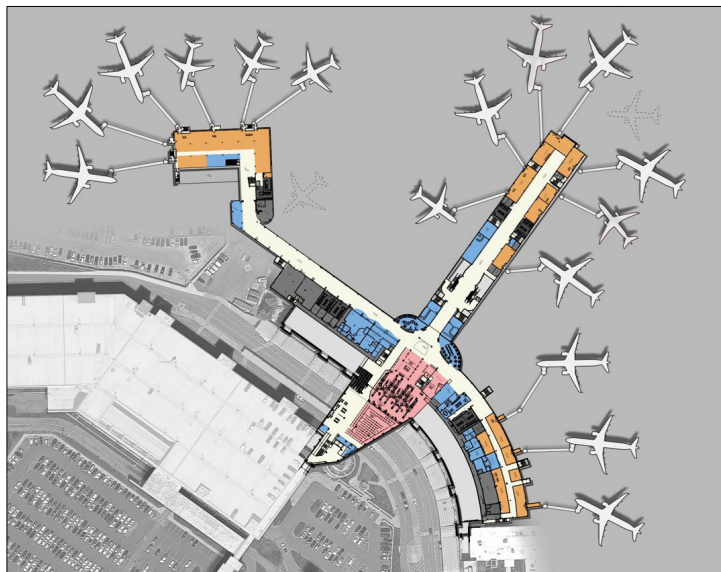
**CH2M**

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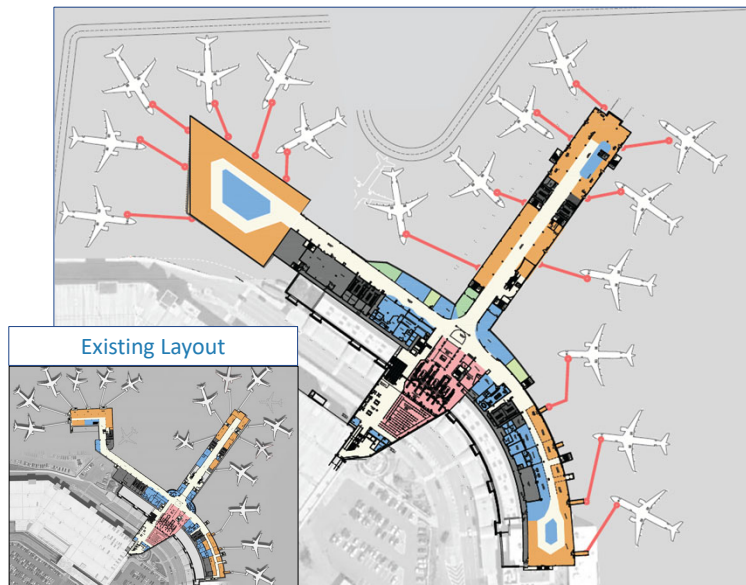
# Terminal Development – Existing Layout

- With Concourse 'A' Improvements
- Existing Footprint – 255,000 SF



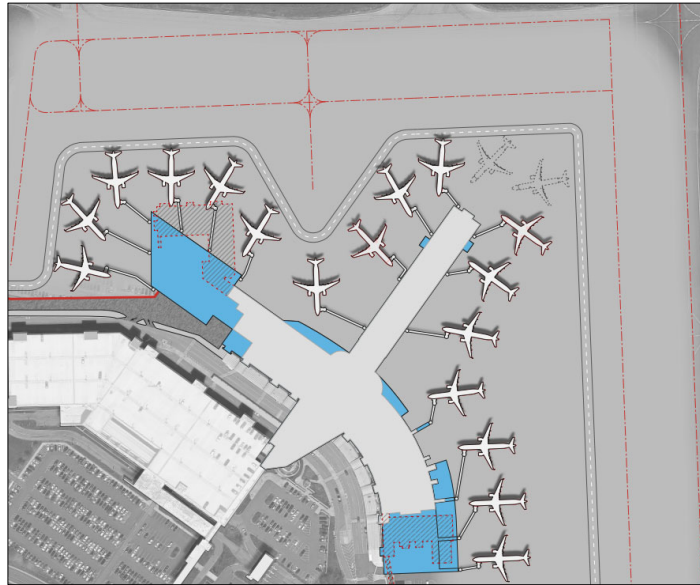
# Terminal Development – Option 1

- Existing Footprint – 255,000 SF
- Option 1 Footprint – 323,000 SF
  - Rebalance Concourse 'B'
  - Redevelop/Expand Concourse 'A'



# Terminal Development – Option 1

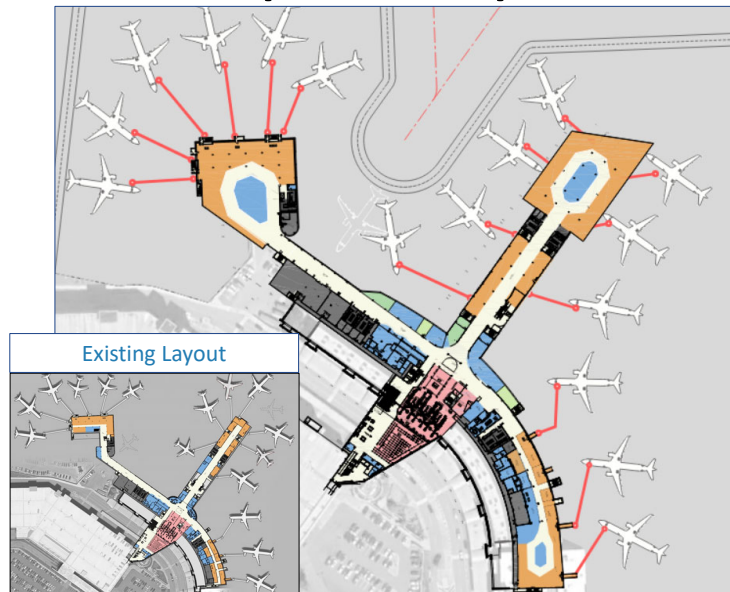
- Option 1 Footprint Expansion
  - Ticketing Hall
  - Baggage Makeup
  - Baggage Claim
  - Concourse ‘A’ & ‘C’



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# Terminal Development – Option 2

- Existing Footprint
  - 255,000 SF
- Option 2 Footprint
  - 336,000 SF
  - Expand/Rebalance Concourse ‘B’
  - Expand Concourse ‘A’



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## Terminal Development – Option 2

- Option 2 Footprint Expansion

- Ticketing Hall
- Baggage Makeup
- Baggage Claim
- Concourse ‘B’ & ‘C’
- Enables 18 Gates\*

\*If needed (beyond 20-years)



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## Parking Concepts - Existing

	Parking Product	Spaces
①	North Garage	2,219
②	Short Term Surface Lot	94
③	South Garage	1,000
④	Employee Parking	257
⑤	Long Term Lot 1	312
⑥	Long Term Lot 2	132
⑦	Long Term Lot 3	431
⑧	Long Term Lot 4	441

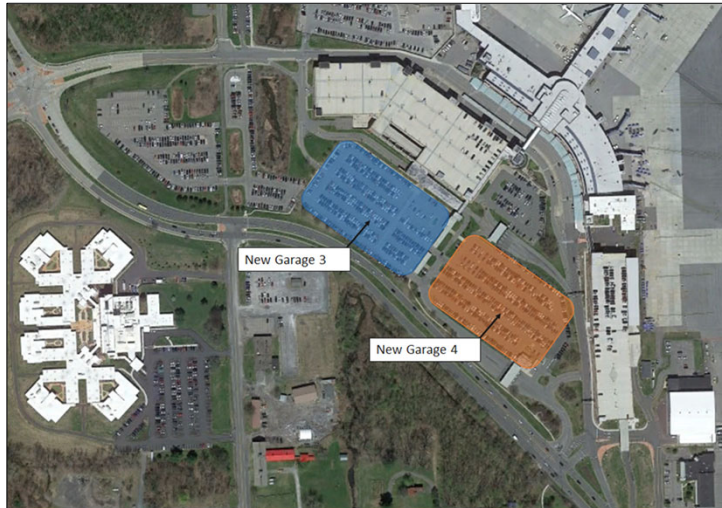
**Total Parking: 7,031\***  
 (\*2,763 in Economy Lot)



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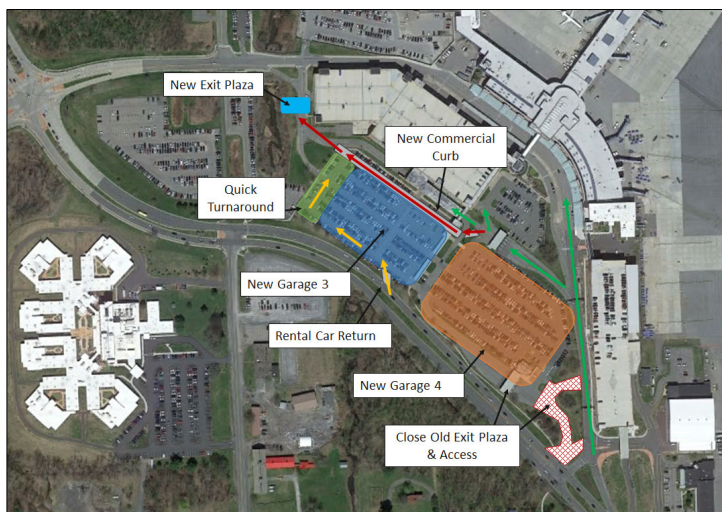
## Parking Concepts – Preferred Alternative

- Two New Garages
- Retain existing access
- Total Parking: 10,100 spaces



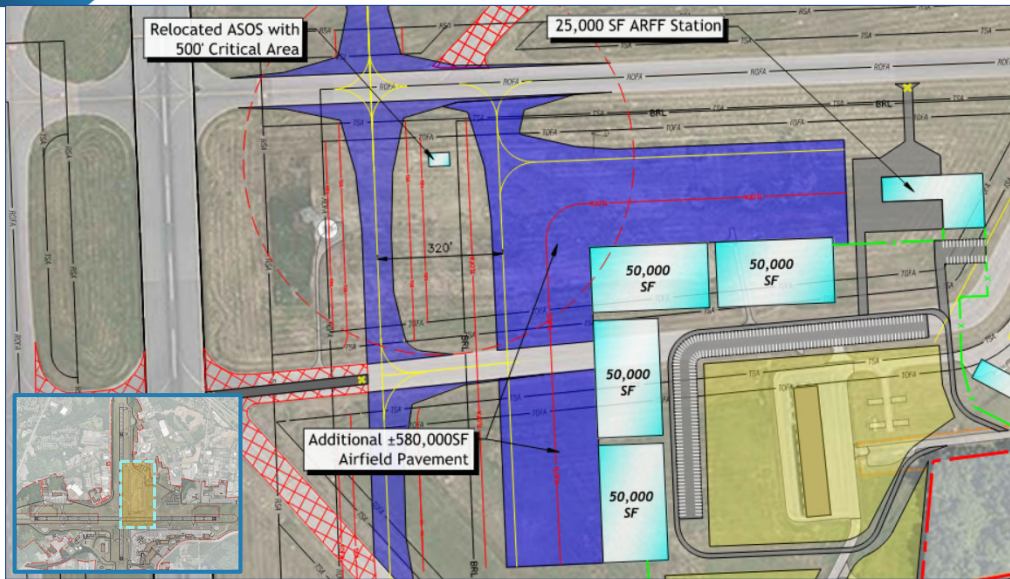
## Parking Concepts – Alternative 2

- Two New Garages
- Revised Traffic Flow & Exit
- New Commercial Curb/Roadway
- Total Parking: 10,200 spaces





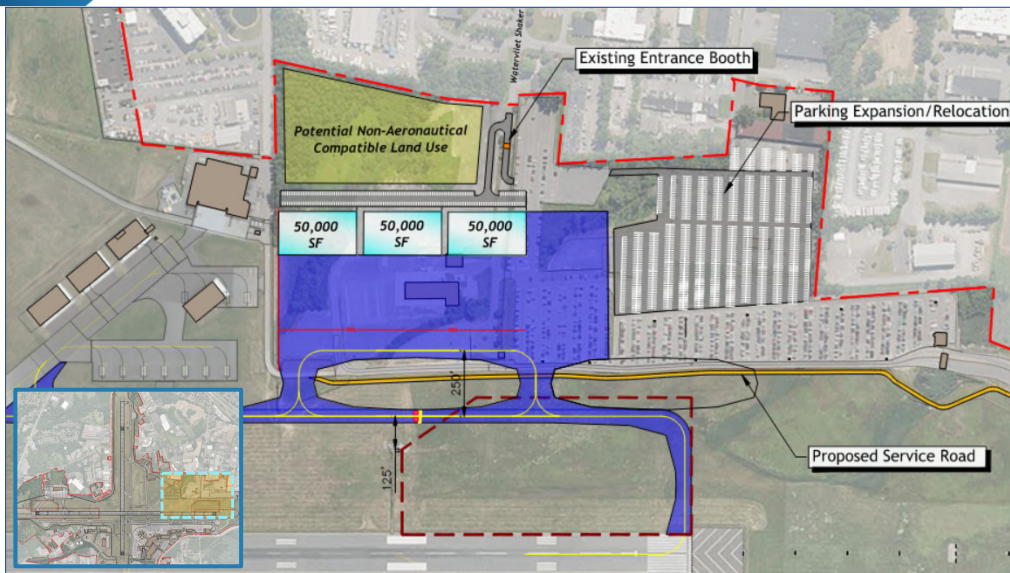
# Business Aviation Development



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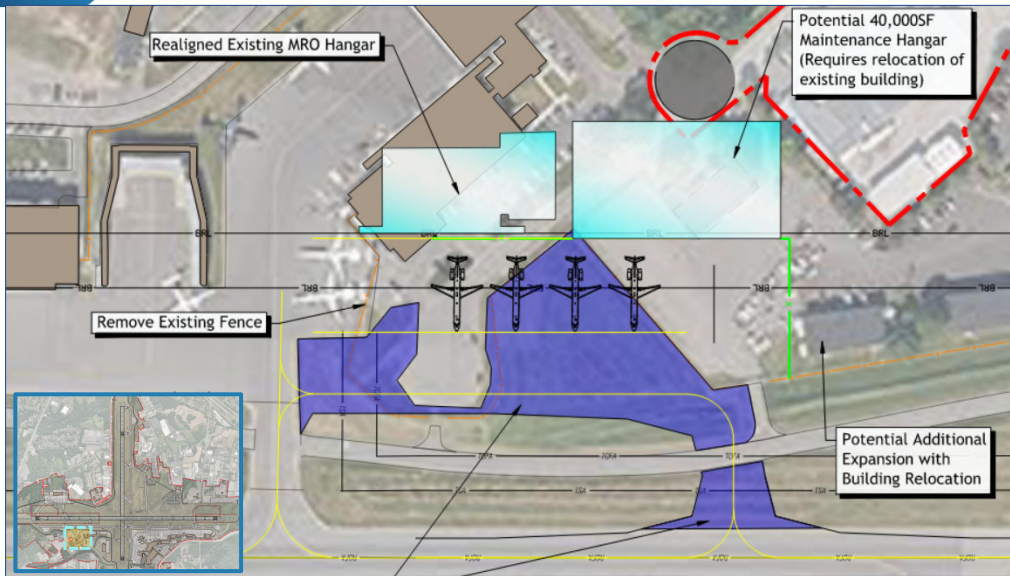
# Business Aviation Development



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# MRO Development



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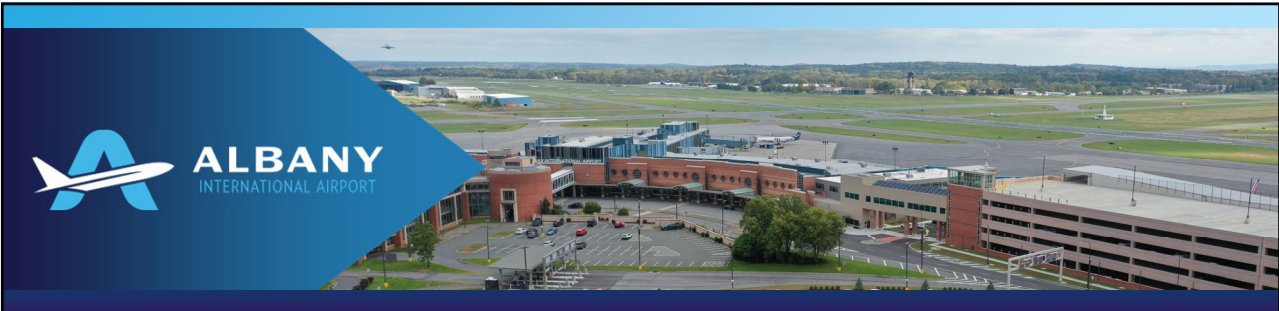


# Cargo Development



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## Next Steps



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## What's Next



- Draft Master Plan
- Draft Airport Layout Plan (ALP)
- Final Meetings (Fall 2023)

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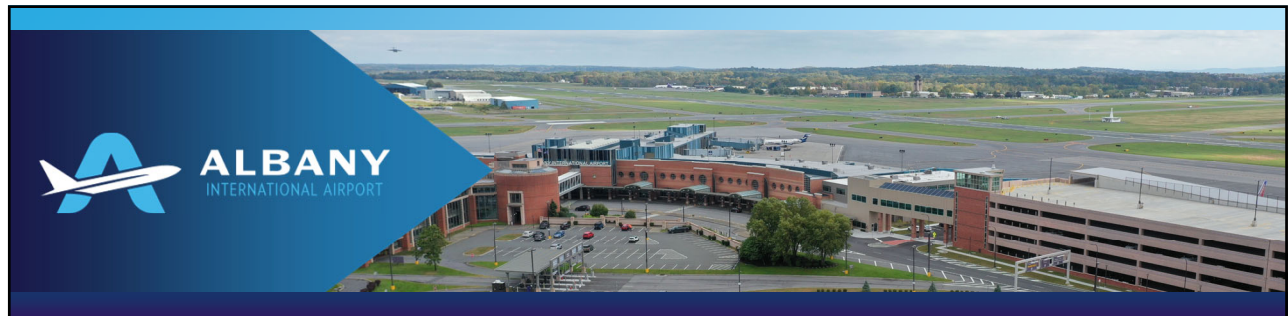


# Schedule

2023											
Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Inventory Completed					WE ARE HERE						
Forecast Completed											
Facility Requirements											
Development Concepts											
Non-aeronautical Development Evaluation											
Airport Layout Plan											
Community Outreach					RAC	TAC	PM		RAC	TAC	PM
			W		Documentation				D		F

Working Period	D	Draft Report	P/M TAC RAC	Regional Advisory Committee Meeting
Review period	F	Final Report	P/M TAC RAC	Technical Advisory Committee Meeting
	W	Working Paper		Public Meetings



## Thank You for Your Participation!

