

RESOLUTION NO. 434

**ADOPTING AN AMENDMENT TO THE 2020-2024 ALBANY COUNTY
AIRPORT AUTHORITY CAPITAL PROGRAM**

Introduced: 11/14/22

By Mass Transit Committee, Messrs. A. Joyce and Commisso:

WHEREAS, By Resolution No. 411 for 2019, this Honorable Body adopted the Albany County Airport Authority Capital Program (the “Airport Capital Program”) for 2020-2024, and

WHEREAS, The Albany County Airport Authority has requested an amendment to the 2020-2024 Airport Capital Program, and

WHEREAS, Public Authorities Law §2784 requires the approval of the Albany County Legislature for any amendment to the Airport Capital Program, now, therefore, be it

RESOLVED, By the Albany County Legislature that the amendment to the Airport Capital Program for 2020-2024 is hereby adopted and annexed hereto, and, be it further

RESOLVED, That the Clerk of the County Legislature is directed to forward certified copies of this resolution to the Chief Executive Officer of the Albany County Airport Authority and the appropriate County Officials.

AMENDMENT 1 (Oct 2022) TO THE 2020-2024 FIVE-YEAR CAPITAL PLAN

ALBANY INTERNATIONAL AIRPORT
ENDED FIVE YEAR CAPITAL PLAN 2020-2024

APPROVED

ACAA - 1/22/2019
County -

(\$ in Millions)

POTENTIAL PROJECTS	TOTAL ESTIMATED DOLLARS	ESTIMATED EXPENDITURES & DATES					POTENTIAL FUNDING SOURCES					NOTES
		2020	2021	2022	2023	2024	FED	PFC	NYS	ACAA CASH	ACAA Debt	
AIRFIELD												
Air Traffic Control Tower Improvements	\$3.00	\$2.80	\$0.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3.00		
Noise Mitigation:												
Property Acquisitions & Land Dev.	6.00	-	2.00	2.00	2.00	-	5.40	-	0.30	0.30		
Runway Improvements:												
#10/28 Pymnt & Lightg Renovations	3.30	-	-	3.00	0.30	-	3.51	-	0.20	0.20		
Rwy #10/28 Reconstruction	7.10	-	-	-	7.10	-	6.39	-	0.36	0.36		
#1/19 Pymnt & Lightg Renovations	5.00	-	-	-	3.30	1.70	4.50	-	0.25	0.25		
#10/28 Obstruction Removal	2.10	0.20	0.50	0.40	0.50	0.50	1.89	-	0.11	0.11		
#1/19 Imprvmts & Obstr. Remvls	1.00	0.50	0.50	-	-	-	0.30	-	0.05	0.05		
Rwy 01/19 Design and Reconstruction	7.20	-	-	-	-	7.20	6.48	-	0.36	0.36		
Rwy 01/19 PAR and LED Centerline	0.70	-	-	-	-	0.70	0.63	-	0.04	0.04		
Fencing, Drainage, Wetland Mgmt	0.75	-	0.50	0.25	-	-	0.68	-	0.04	0.04		
Taxiways Renovations	7.00	1.00	1.00	2.40	0.60	2.00	6.65	-	0.18	0.18		
Apron/Ramp Improvements:												
Apron Rehab	2.50	0.50	0.50	0.50	0.50	0.50	2.25	-	0.13	0.13		
Ramp Rehab	5.00	-	3.00	1.00	1.00	-	4.50	-	0.25	0.25		
Terminal Apron	20.00	-	-	-	-	20.00	-	20.00	-	-		
Navigation Aids												
NsvAids Impts & Energy Impts	3.00	-	-	-	1.50	1.50	2.70	-	0.15	0.15		
Service Access Roads	0.75	-	-	0.75	-	-	0.68	-	0.04	0.04		
Glycol Storage & Processing Impts	4.50	-	1.00	1.00	1.25	1.25	4.05	-	0.23	0.23		
Snow Removal Equip. Storage Bldg.	2.50	2.00	0.50	-	-	-	2.25	-	0.13	0.13		
Albster Plan Updater/Envir Rev/Studies	1.00	0.15	0.30	0.30	0.15	0.10	0.30	-	0.05	0.05		
Perimeter Gate and Fence Replacement	0.30	-	-	-	0.30	-	-	0.30	-	-		
Equipment Loader and Sweeper	0.35	-	-	-	0.35	-	0.35	-	-	-		
Two (2) Airfield Brooms	1.10	-	-	-	-	1.10	-	1.10	-	-		
Apron Cargo Reconstruction	0.30	-	-	-	-	0.30	-	-	-	0.30		
	86.85	7.15	***	11.60	20.65	37.45	55.30	22.00	2.83	6.73	\$0.00	
TERMINAL												
Terminal & Administration Retrofit	50.00	4.00	0.50	0.50	4.00	41.00	5.00	-	0.25	44.75	\$40.00	
Terminal Security Checkpoint Improvem	100.00	-	-	-	15.00	85.10	40.00	-	60.00	-		
Terminal Concourse A Impr Design	2.00	-	-	-	2.00	-	-	-	-	2.00		
Terminal Concourse A Improvements	23.00	-	-	-	20.00	3.00	23.00	-	-	-		
Load Bridge Replacement A6 & B6	2.00	-	-	-	2.00	-	-	2.00	-	-		
Terminal Generator	1.00	-	-	-	1.00	-	-	1.00	-	-		
Terminal Enhancements	1.00	-	-	-	-	1.00	-	1.00	-	-		
Terminal Escalators	0.50	-	-	-	-	0.50	-	0.50	-	-		
Terminal HVAC	0.40	-	-	-	0.40	-	-	-	-	0.40		
Loading Bridges - New & Retrofit	6.00	2.00	1.00	1.00	1.00	1.00	5.40	-	0.30	0.30		
Green Initiatives	7.00	2.00	2.00	1.00	1.00	1.00	-	-	1.40	5.60	\$4.00	
	192.30	8.00	3.50	2.50	44.40	***	73.40	4.50	***	53.05	\$44.00	
LANDSIDE												
Property Acquisitions	5.00	2.00	1.00	1.00	-	1.00	4.50	-	0.25	0.25		
Parking Development:												
Surface Lot & Roadways Extension	5.00	1.00	1.00	1.00	1.00	1.00	-	-	-	5.00		
Garage Improvements	5.00	1.00	1.00	1.00	1.00	1.00	-	-	-	5.00		\$5.00
Electric Car Charging Stations	5.00	1.00	1.00	1.00	1.00	1.00	-	-	2.50	2.50		\$2.50
Maintenance Hangar Expansion	4.00	-	2.00	2.00	-	-	-	-	3.00	1.00		
Hangar Road Access/Parking Road/mt	2.00	-	-	-	1.00	1.00	-	-	-	2.00		
Security and Life-Safety Alarm Imprv't	1.00	-	1.00	-	-	-	0.30	-	0.05	0.05		
Economic Development Opportunities												
Air Cargo Facilities	5.00	-	-	-	2.50	2.50	-	-	-	5.00		\$5.00
Hangar Maintenance/Expansion												
Storage	8.00	-	2.00	2.00	2.00	2.00	-	-	3.00	5.00		\$5.00
Airport Industrial Park Impts	2.00	-	1.00	1.00	-	-	-	-	-	2.00		
Property Utility Improvements	5.00	1.00	1.00	1.00	1.00	1.00	4.50	-	0.25	0.25		
Other Economic Opportunities	10.00	-	-	2.00	4.00	4.00	-	-	1.00	3.00		
Building Repairs (2023) Roof/Boiler/G	2.08	-	-	-	2.08	-	-	-	-	2.08		
Land & Building Reconstruction (2024)	1.10	-	-	-	-	1.10	-	-	-	1.10		
	60.18	6.00	11.00	12.00	15.58	15.60	9.30	-	***	***	\$17.50	
MAJOR EQUIPMENT & VEHICLES (>\$50K<)												
Airfield, Snow Removal, ARFF	12.00	2.40	2.40	2.40	2.40	2.40	-	-	-	12.00	\$2.00	
Parking, Terminal, Landside, FBO												
TOTALS*	\$351.93	\$23.55	***	\$28.50	\$83.03	\$190.05	\$138.60	\$26.50	\$74.83	\$112.01	\$63.50	

NOTES:

* Numbers may not add due to rounding

A. Any funding requirements to be supported by increased passenger and tenant activity

AMENDMENT 1 (Oct 2022) TO THE 2020-2024 FIVE-YEAR CAPITAL PLAN

I Airfield

A. Rehabilitate Rwy 10-28 (7,200' x 150'), \$7.1 million

Asphalt pavement rehabilitation comprising approximately 1,080,000 square feet is required to restore the wear course on aircraft movement surfaces to support continuous use and heavy loading based on PCI survey. This project is programmed for FY2023 passenger and cargo entitlement allocation.

B. Rwy 01-19 Design and Reconstruction (8,500' x 150'), \$7.2 million

Asphalt pavement rehabilitation comprising approximately 1,275,000 square feet is required to restore the wear course on aircraft movement surfaces to support continuous use and heavy loading based on PCI survey. This project is programmed for FY2024 passenger and cargo entitlement allocation.

C. Rwy 01-19 Centerline (LED) Lights and Precision Approach Path Indicator (PAPI) Lights, \$0.7 million

Install centerline (LED) and touchdown zone (LED) lighting on Runway 01/19. This project will also include the replacement and installation of the PAPI on Rwy 01.

D. Reconstruction Terminal Apron, \$20.0 million

This project will include design, construction management and the removal of approximately existing 677,794 square feet of existing asphalt pavement, removal of all substandard areas of sub base material, cleaning and/or replacement of existing drainage pipe including under drains, proof rolling of sub grade, placement and compaction of all newly installed P-209 and placement of P-401 B & S materials in lifts. This project will also include joint sealing, striping and site restoration including topsoil, seed and mulching. This will be a complicated phased project to insure that all airline operations are maintained throughout the duration of the proposed project. This project is eligible pursuant to 158.15(a)(1) and will enhance safety at the airport and for the national air transportation system.

E. Perimeter Gate and Fence Replacement, \$0.9 million

This project will include design, removal, replacement and upgrade 35 of 58 AOA gates to prevent unauthorized intrusions. This project is eligible pursuant to 158.15(a)(1) and will enhance security at the airport and for the national air transportation system.

F. Acquisition - Loader and Sweeper \$0.95 million

The loader will be used for snow removal from runways, taxiways, ramps, roadways, parking lots. The vehicle shall comply with SAE ARP5539 (disregard rotary plow sections) specifications, and shall meet the performance requirements identified in FAA AC 150/5220-20A. See technical specifications listed below for additional requirements. The unit shall be adequate size, type and configuration to provide support and transport capability of the plow and material (if a future bucket is used). The unit must be capable of operating and cold soaked starting at temperatures as low as -

40° F and as high as 110° F. The unit must be certified for both aeronautical and on public roads. Axle and vehicle weights must comply with state and local highway load limits (combined load). The Sweeper will be used for snow removal from runways, taxiways, ramps, roadways, parking lots and shall comply with AC 150/5220-20, Chapter 6, Paragraph 38, minimum equipment requirements and Commercial Service and General Aviation Airports.

G. Acquisition - 2 Airfield Brooms, \$1.1 million

This project includes acquisition of two (2) Airfield Brooms. This equipment will replace existing units M31 and M32 that are over 18 years old and will allow the Airport to maintain adequate equipment to clear Priority 1. The project preserves the safety at the airport. This project is eligible pursuant to 158.15(a)(1) and will preserve safety at the airport and for the national air transportation system.

H. Apron Cargo Reconstruction, \$0.9 million

This project is the design and construction for the reconstruction of approximately 20,000 SF of PCC pavement on the south end of the Air Cargo facility ramp. The work will include removal of the existing PCC pavement and placement of new PCC pavement in accordance with FAA specifications. The design will need to include subsurface investigation and evaluation of the existing drainage for that area.

II Terminal

A. Building #101 Terminal Security Checkpoint Improvements, \$100.0 million

Replacement of the existing bridge that connects the North Garage to the terminal building. The replacement bridge will provide approximately 60,000 square feet of space that will allow the right sizing of checkpoint queuing lanes and elimination of vertical and horizontal circulation pinch points at the terminal security entrance.

B. Building #101 (Terminal) Concourse A Design, \$2.0 million

The design for the addition of two gates at Terminal Concourse A, including additional seating and concession areas.

C. Building #101 (Terminal) Concourse A Improvements, \$23.0 million

Construction of improvements at Concourse A to include two (2) additional passenger gates with Passenger Boarding Bridges. Also included is the design and construction/replacement of the freight elevator. Design is not a part of this project and is funded separately as RES-23-20-01.

D. Building #101 (Terminal) Passenger Boarding Bridge (PBB) A6 and B6 Replacement, \$2.0 million

This project includes the design, procurement, and installation of two (2) existing mounted passenger boarding bridges at Gate A6 and B6. The project

preserves the safety at the airport. This project is eligible pursuant to 158.15(a)(1) and will preserve safety at the airport and for the national air transportation system

E. Building #101 (Terminal) Generator Rehabilitation, \$1.0 million

This project will include the purchase and installation of a terminal generator to supplement the existing 24 year-old terminal generator.

F. Building #101 (Terminal) Enhancements, \$1.0 million

This project will include the purchase and installation of a terminal enhancements that may be necessary for the Terminal Concourse A Rehabilitation Project.

G. Building #101 Terminal Escalator Replacement, \$0.5 million

The project scope of work includes a complete in-truss modernization of Escalators #22 & #23 located in the baggage claim area of the main terminal. The work will consist of General Construction and Electrical work as prime contractors. The General Construction work includes, but is not limited to: selective demolition, construction of temporary hard wall barriers, removals, and installation of major escalator components including the use of special rigging. The Electrical Work includes, but is not limited to: safety switch, pit lighting and receptacle replacement, existing feeder connections to new escalator equipment including miscellaneous connections. There is no hazardous materials abatement anticipated for the scope of the work. Contractors will be required to comply with all Airport access control protocols as well as special work schedules.

H. Terminal HVAC, \$0.4 million

Previously Budgeted in 2022 as Terminal Air Handler Upgrade, this project now includes the purchase of automated controllers to be installed throughout the terminal.

III Landside

A. Building Repairs (2023) Roof/Boilers/Garage Doors, \$2.1 Million

Building repairs to airport buildings and hangars that include repairs to roofs, boilers, garage doors and other improvements.

B. Land and Building Reconstruction, \$1.1 million

Maintenance repairs for Building #203 and other improvements.

IV Major Equipment & Vehicles

None.
