

WESTCHESTER COUNTY AIRPORT

The Westchester County Department of Transportation oversees operations at the Westchester County Airport. The 700-acre facility serves general aviation and limited commercial, commuter, and corporate carriers, primarily serving residents and business travelers in Westchester and Fairfield Counties.

The Capital program for the Airport is based in part on the Airport Master Plan completed in 1980 and updated in 1987. The Master Plan outlines a comprehensive improvement of airport facilities including such projects as a new terminal building, rehabilitation of runways and taxiways, and modernization of light general aviation facilities. Other projects proposed at the Airport over the next five years include equipment replacements, infrastructure improvements, general rehabilitation projects, aircraft safety and rescue improvements, environmental studies and projects to comply with State or Federal mandates.

The 2000 Capital Budget includes an appropriation for:

- A0025 Electrical System Upgrade
- A0046 Hangar E – Access Road
- A0055 Facilities Improvement Program
- A0056 Heavy Equipment Acquisition
- A0060 Fuel Farm Improvements
- A0066 Various Airport Infrastructure Improvements/Rehabilitation Program
- A0069 Aircraft Deicing Study and Implementation
- A0071 Airport Layout Plan Update and Environmental Management

Existing projects, approved in prior capital budgets, which require no additional funding in 2000 include:

Appropriated As Of August 31, 1999 (000's)

<u>Project</u>	<u>Total</u>	<u>Non-Airport Special Revenue Fund</u>	<u>County</u>	<u>Status</u>
A0002 Airport Approach Protection	2,089	1,061	1,028	Partially complete
A0015 Public Apron Overlay/De-icing Facilities	3,800	3,420	380	Complete
A0024 Water Supply System	3,068	-0-	3,068	Partially complete
A0029 New Terminal/ARFF/GHE	21,190	-0-	21,190	Complete
A0030 Perimeter Emergency ARFF Vehicle Access	1,875	1,710	165	Partially Complete
A0032 Parallel Taxiway and Taxiway System	21,690	19,271	2,419	Partially Complete
A0036 Light General Aviation Infrastructure	18,600	11,160	7,440	Partially Complete
A0040 Rehabilitation Runway 16/34	9,700	7,420	2,280	Complete
A0042 Storm Water Management Program	7,250	3,405	3,845	Partially Complete
A0047 Noise Abatement Monitoring	1,300	1,040	260	Underway
A0048 Airport Beacon Relocation	300	270	30	Awaiting Grant
A0050 Security Fencing/Cameras	425	383	42	Phase 1 Complete
A0053 Rehabilitation of Hangar D Parking Area	550	-0-	550	Partially Complete
A0054 Rehabilitation of Various Taxiways	500	450	50	Awaiting Grant
A0057 Airport Underground Fuel Storage Tanks	2,000	-0-	2,000	Underway
A0061 Installation of an RVR Visibility Instrument	300	-0-	300	Design
1999 Closeouts				
A0033 Heated Storage Facility	2,100	1,910	190	
A0052 North Complex Public Aircraft Apron	1,500	1,350	150	Complete

AIRPORT ELECTRIC SYSTEM UPGRADE (A0025)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp- riated	2000	2001	2002	2003	2004	Under Review
	Total Cost							
Gross	6,450	2,550	300	1,600			2,000	
Less non- Airport Special Revenue Fund								
Net	6,450	2,550	300	1,600			2,000	

Project Description:

This project is intended to provide new switchgear, transformer and cabling to upgrade the electrical system at the Airport and allow the Airport to use two (2) feeders from Con Ed to increase system reliability. The existing switchgear at Purchase Street is being relocated to a more accessible site on the Hanger E access road.

The 2000 appropriation will permit installation of remote power outlets at Hangar 6 and Kilo Holding Pad where planes are serviced overnight. This will permit planes to be cleaned and serviced overnight without use of auxiliary power units. This would reduce noise and engine exhaust pollution. The remote outlets will also allow lighting for aircraft security and the provision of heat to the planes.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-Airport Special Revenue Fund

Bonds and/or Notes	1,600,000		1,600,000
Cash	<u>950,000</u>	<u>300,000</u>	<u>1,250,000</u>
Gross Appropriation	2,550,000	300,000	2,850,000

**AIRPORT
HANGAR "E" ACCESS ROAD (A0046)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	450	350	100					
Less non-Airport Special Revenue Fund								
Net	450	350	100					

Project Description:

This project consists of paving, widening and drainage improvements to the access road to Hangar "E" and the Control Tower as well as access to the two new Light General Aviation areas on the west side of the Airport.

The 2000 appropriation will address landscaping along the completed roadway to provide an attractive buffer to the roadway and neighboring properties.

<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

**Non-Airport Special
Revenue Fund
Bonds and/or Notes
Cash**

Cash	<u>350,000</u>	<u>100,000</u>	<u>450,000</u>
Gross Appropriation	350,000	100,000	450,000

AIRPORT FACILITIES IMPROVEMENT PROGRAM (A0055)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	2,900	1,900	1,000					
Less non-Airport Special Revenue Fund								
Net	2,900	1,900	1,000					

Project Description:

This project will provide for improvements, enhancements and replacements to the aging hangars and supporting infrastructure. The prior appropriation provides for asbestos removal and window replacement in Building #1 at the north facility, heating modification at Hangar D, and a comparison study of other facilities.

The 2000 appropriation will address the improvements and renovations to Hangar D pump house, and asbestos removal at various hangars.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-Airport Special Revenue Fund

Bonds and/or Notes

Cash

Gross Appropriation

500,000

1,400,000

1,900,000

1,000,000

1,000,000

1,500,000

1,400,000

2,900,000

0

**AIRPORT
HEAVY EQUIPMENT ACQUISITION (A0056)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,875	1,300	575					
Less non-Airport Special Revenue Fund								
Net	1,875	1,300	575					

Project Description:

This project will fund acquisition of both new and replacement heavy equipment needed for Airport operations including plows, sweepers, tugs, trucks and deicers. The 2000 appropriation will fund the purchase of an aircraft deicer and fire truck.

<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

**Non-Airport Special
Revenue Fund
Bonds and/or Notes
Cash**

1,300,000	575,000	1,875,000
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		0

Gross Appropriation

1,300,000	575,000	1,875,000
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AIRPORT FUEL FARM IMPROVEMENTS (A0060)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,500		400			1,100		
Less non-Airport Special Revenue Fund								
Net	1,500		400			1,100		

Project Description:

The 2000 appropriation of \$400,000 will fund the replacement of the existing, manually operated, fire protection system at the fuel farm with a automatic system as well as improvements to the electrical service to support the new automated system.

2000 Appropriation

Financing Plan:

Non-Airport Special
Revenue Fund

Bonds and/or Notes

Cash

400,000

Gross Appropriation

400,000

**AIRPORT
VARIOUS AIRPORT INFRASTRUCTURE IMPROVEMENTS/
REHABILITATION PROGRAM (A0066)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	2,380	1,780	600					
Less non-Airport Special Revenue Fund								
Net	2,380	1,780	600					

Project Description:

This project addresses various improvements to the Airport infrastructure to address safety issues, upgrade utility distribution systems, maintenance of facilities, and security and maintenance of aeronautical areas.

The 2000 appropriation of \$600,000 will fund the overlay of Hangar "E" parking lot. The age of the parking lot is 20 years old.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-Airport Special Revenue Fund

Bonds and/or Notes

Cash

1,780,000

600,000

2,380,000

Gross Appropriation

1,780,000

600,000

2,380,000

AIRPORT AIRCRAFT DEICING STUDY AND IMPLEMENTATION (A0069)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	6,350	350	1,000					5,000
Less non-Airport Special Revenue Fund								
Net	6,350	350	1,000					5,000

Project Description:

The existing appropriation is for a study of aircraft deicing methods and alternatives, airport fuel and chemical storage including physical design and procedures, airport spill response and other associated topics to determine the future handling of aircraft deicing. This study will identify options to aircraft deicing and chemical handling that will insure continued compliance to the Department of Environmental Protection, Department of Environmental Conservation and Environmental Protection Agency regulations. Based on the findings of this study, the Airport may design an aircraft deicing facility in 2000.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-Airport Special Revenue Fund

Bonds and/or Notes

Cash

350,000

1,000,000

1,350,000

Gross Appropriation

350,000

1,000,000

1,350,000

**AIRPORT
AIRPORT LAYOUT PLAN UPDATE AND ENVIRONMENTAL
MANAGEMENT (A0071)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,000	500	500					
Less non-Airport Special Revenue Fund	450	450						
Net	550	50	500					

Project Description:

The 2000 appropriation consists of:

1. An audit of potential environmental risk centers at the Airport.
2. Development of a remediation plan to address any identified existing environmental problems.
3. Establishment of a comprehensive management system to control future environmental impacts.

The goal is to establish an Environmental Management System (EMS) that will be integrated into every level of Airport operations. It will comply with Protocol 14000/14001 of the Organization for International Standards (ISO), an organization that sets scientific management and quality assurance standards. The study will perform an ISO 14000 initial gap analysis that will identify gaps between present environmental management at the airport and optimum environmental management.

The existing appropriation represents a 1999 capital budget amendment to conduct an airport layout plan update.

**2000
Appropriation**

Financing Plan:

**Non-Airport Special
Revenue Fund
Bonds and/or Notes
Cash**

500,000

Gross Appropriation

500,000