

Disclaimer: The following are the Concord Municipal Airport Capital Improvement Projects (CIP) for Fiscal Years (FY) 2022 - 2031. These are subject to change if the CIPs are updated in future Fiscal Years.

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #71-Runway Protection Zones: Property Acquisition

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input checked="" type="checkbox"/> New	<input type="checkbox"/> H Safety	<input type="checkbox"/> L Facility Cond.	<input type="checkbox"/> L Productivity	
	<input type="checkbox"/> Replace	<input type="checkbox"/> H Mandates	<input type="checkbox"/> L Service Def.	<input type="checkbox"/> N/A Tax Base Exp.	<input type="checkbox"/> H City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="checkbox"/> L O + M Costs	<input type="checkbox"/> L Council Goals	<input type="checkbox"/> N/A Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: The 2006 Airport Master Plan outlined a capital improvement program to acquire property available in the runway protection zone for Runway 17/35 located near Grant and Greeley Streets. Property acquisition began in 2005. In 2008, the City purchased seven of the eight properties targeted for acquisition using FAA grants. At the time, the owner of the eighth property did not wish to sell. The City will revisit this possible acquisition with the property owner in the future.

SERVICE IMPACT: Provides for compliance with Federal Aviation Administration mandated control of safety areas.

IMPACT IF NOT FUNDED: Possible loss of future Federal funding for Airport capital projects due to noncompliance with Federal Aviation Administration safety mandates.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other Federal		0	0	0	0	427,500	0	0	0	0	0	427,500	0
Airport	Capital Transfer	0	0	0	0	23,750	0	0	0	0	0	23,750	0
Other State		0	0	0	0	23,750	0	0	0	0	0	23,750	0
	Total	0	0	0	0	475,000	0	0	0	0	0	475,000	0

2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT

PROJECT: CD-ENGINEERING SERVICES #71-Runway Protection Zones: Property Acquisition

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2026	Other Federal	427,500	Acquire available property in Runway 17 protection zone. Federal Share.
	Airport Capital Transfer	23,750	City share of acquisition project.
	Other State	23,750	State share of acquisition project.
		\$475,000	2026 Subtotal
	TOTAL	\$475,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #72-Runway Pavement Improvements

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:

<input type="checkbox"/> New	<input type="text" value="N/A"/> Safety	<input type="text" value="L"/> Facility Cond.	<input type="text" value="N/A"/> Productivity
<input checked="" type="checkbox"/> Replace	<input type="text" value="N/A"/> Mandates	<input type="text" value="N/A"/> Service Def.	<input type="text" value="N/A"/> Tax Base Exp.
<input type="checkbox"/> Rebuild	<input type="text" value="L"/> O + M Costs	<input type="text" value="N/A"/> Council Goals	<input type="text" value="L"/> Timeliness

Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis

City Master Pl.
Airport

DESCRIPTION: Reclaim runways 17/35 and 3/21, as recommended in the 2006 Airport Master Plan.

SERVICE IMPACT: Routine preventative maintenance shall extend the useful life of the asset, as well as reduce long-term maintenance and repair costs.

IMPACT IF NOT FUNDED: Decreased life of pavement resulting in functional obsolete facility and potential loss of market share to other local general aviation airports.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Airport	G.O. Bonds	0	0	0	0	0	147,778	147,778	50,000	0	0	345,556	0
Airport	Capital Transfer	0	0	0	0	27,778	0	0	0	1,000	0	28,778	0
Other	Federal	0	0	0	0	500,000	2,660,000	2,660,000	900,000	18,000	0	6,738,000	0
Other	State	0	0	0	0	27,778	147,778	147,778	50,000	1,000	0	374,334	0
	Total	0	0	0	0	555,556	2,955,556	2,955,556	1,000,000	20,000	0	7,486,668	0

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #72-Runway Pavement Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2026	Other Federal	500,000	Design runway 17/35 reclamation project, including upgraded signage and lighting on the airfield to comply with current FAA regulations. Complete drainage repairs in the vicinity of the ramp area as recommended in the 2006 Airport Master Plan Storm Water Pollution Prevention Plan (SWPPP). The runway will be shifted 300 feet to the south to comply with Runway Safety Determination Study.
	Other State	27,778	Design the reclaim runway 17/35. State share.
	Airport Capital Transfer	27,778	Design the reclaim runway 17/35. City share.
		\$555,556	2026 Subtotal
2027	Other Federal	2,660,000	Phase I (North Side) - Reclaim runway 17/35 and upgrade signage and lighting on the airfield to comply with current FAA regulations. Complete drainage repairs in the vicinity of the ramp area as recommended in the Airport Master Plan SWPPP.
	Airport G.O. Bonds	147,778	Reclaim runway 17/35. City share.
	Other State	147,778	Reclaim runway 17/35. State share.
		\$2,955,556	2027 Subtotal
2028	Other Federal	2,660,000	Phase II (South Side) - Reclaim runway 17/35 and upgrade signage and lighting on the airfield to comply with current FAA regulations. Complete drainage repairs in the vicinity of the ramp area as recommended in the Airport Master Plan SWPPP. Shift runway 300 feet to the south to comply with Runway Determination Safety Study.
	Other State	147,778	Reclaim runway 17/35. State share.
	Airport G.O. Bonds	147,778	Reclaim runway 17/35. City Share.
		\$2,955,556	2028 Subtotal
2029	Other Federal	900,000	Design and Reclaim taxiway on abandoned runway 3/21, north section. Federal share.
	Airport G.O. Bonds	50,000	Reclaim taxiway on abandoned runway 3/21, north section. City share.
	Other State	50,000	Reclaim taxiway on abandoned runway 3/21, north section. State share.
		\$1,000,000	2029 Subtotal

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT:	CD-ENGINEERING SERVICES	#72-Runway Pavement Improvements	
2030	Other Federal	18,000	Complete a feasibility study concerning the potential fiscal impacts and economic development ramifications of potentially extending Runway 17/35 an additional 600-1,000' in order to accommodate larger aircraft.
	Airport Capital Transfer	1,000	City share.
	Other State	1,000	State share.
		\$20,000	2030 Subtotal
TOTAL		\$7,486,668	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: GS-PUBLIC PROPERTIES #75-General Airport Repairs

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input type="checkbox"/> New	N/A	Safety	M	Facility Cond.	N/A	Productivity	
	<input checked="" type="checkbox"/> Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	H City Master Pl.
	<input type="checkbox"/> Rebuild	L	O + M Costs	M	Council Goals	M	Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis							

DESCRIPTION: Project entails general maintenance of city-owned infrastructure at the airport, which are not reimbursable by the Federal Aviation Administration or State of New Hampshire. Typical projects include hanger repairs, improvements to the terminal building, as well as refurbishment of parking areas.

SERVICE IMPACT: Routine maintenance of infrastructure is required to avoid potential liability with deteriorated facilities, as well as to create an environment to spur growth and economic development at the airport.

IMPACT IF NOT FUNDED: Deteriorated buildings will result in higher operating and maintenance cost, as well as potential liabilities for the City.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years):

10

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Airport	Capital Transfer	10,000	15,000	0	10,000	10,000	10,000	0	0	0	0	55,000	0
Airport	G.O. Bonds	0	0	130,000	0	0	0	0	0	0	0	130,000	0
	Total	10,000	15,000	130,000	10,000	10,000	10,000	0	0	0	0	185,000	0

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: GS-PUBLIC PROPERTIES #75-General Airport Repairs

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2022	Airport Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
		\$10,000	2022 Subtotal
2023	Airport Capital Transfer	15,000	Hangar maintenance and repairs.
		\$15,000	2023 Subtotal
2024	Airport G.O. Bonds	100,000	Hangar roof replacement.
	Airport G.O. Bonds	30,000	Refurbish/replace outdated heating equipment in the terminal building.
		\$130,000	2024 Subtotal
2025	Airport Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
		\$10,000	2025 Subtotal
2026	Airport Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
		\$10,000	2026 Subtotal
2027	Airport Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
		\$10,000	2027 Subtotal
	TOTAL	\$185,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #77-Airport Snow Removal Equipment (SRE) & Equipment Storage Facility

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input type="checkbox"/> New	<input type="text" value="M"/> Safety	<input type="text" value="N/A"/> Facility Cond.	<input type="text" value="M"/> Productivity	
	<input checked="" type="checkbox"/> Replace	<input type="text" value="M"/> Mandates	<input type="text" value="M"/> Service Def.	<input type="text" value="N/A"/> Tax Base Exp.	<input type="text" value="H"/> City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="text" value="L"/> O + M Costs	<input type="text" value="N/A"/> Council Goals	<input type="text" value="M"/> Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: The purpose of this project is to purchase new winter operations equipment for the Airport, as well as make improvements to the building used to store said equipment.

SERVICE IMPACT: Routine equipment replacement ensures that snow removal at airport shall continue to comply with Federal Aviation Administration (FAA) grant agreements. Investments in equipment also help to maintain, and enhance, efficiency of snow removal operations.

IMPACT IF NOT FUNDED: Potential loss of future FAA grant funding for infrastructure improvements. Inability to remove snow from airport to meet grant assurances. Inability to keep the Airport operational during winter storms.

IV PREVIOUS FISCAL YEAR AUTHORIZED: July 1999 **PREVIOUS AMOUNT:**

V. PROJECT USEFUL LIFE (In Years): 10 **EXPECTED BOND TERM (In Years)**

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other State		0	0	0	0	0	35,000	0	0	0	0	35,000	0
Airport	Capital Transfer	0	0	0	0	0	35,000	0	0	0	0	35,000	0
Other Federal		0	0	0	0	0	630,000	0	0	0	0	630,000	0
	Total	0	0	0	0	0	700,000	0	0	0	0	700,000	0

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #77-Airport Snow Removal Equipment (SRE) & Equipment Storage Facility

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Other Federal	630,000	Purchase new snow blower (\$250,000), tow-behind sweeper (\$60,000), sander with liquid system (\$15,000) and ice spreader for dump truck with plow (\$15,000) snow removal equipment. Federal Share.
	Other State	35,000	State share.
	Airport Capital Transfer	35,000	City Share.
		\$700,000	2027 Subtotal
	TOTAL	\$700,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #383-New Airport Terminal Building

I. PROJECT TYPE: Airport

II. LOCATION: Airport Road

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input checked="" type="checkbox"/> New	<input type="checkbox"/> M Safety	<input type="checkbox"/> H Facility Cond.	<input type="checkbox"/> M Productivity	
	<input checked="" type="checkbox"/> Replace	<input type="checkbox"/> H Mandates	<input type="checkbox"/> H Service Def.	<input type="checkbox"/> M Tax Base Exp.	<input type="checkbox"/> M City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="checkbox"/> L O + M Costs	<input type="checkbox"/> H Council Goals	<input type="checkbox"/> M Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: This project entails the construction of a new Terminal building to serve Concord Airport as recommended by the 2006 Airport Master Plan.

The current Airport terminal building was constructed in 1938 and later renovated in 1961. Due to its age, the terminal is plagued with a variety of significant building code violations, structural deficiencies, and inadequate security measures. The age and configuration of the terminal also make it extremely difficult to make the building compliant with the 1990 Americans with Disabilities Act (ADA) without major renovations at significant cost. These issues render much of the terminal building unusable.

In 2020 the City completed an updated study of the terminal building. That effort confirmed the findings of the 2006 Airport Master Plan and recommended the construction of a new terminal building located at the north end of Runway 17/35 facing the intersection of Airport Road and Regional Drive. The proposed building would be 3,500SF and would feature a large common area, tenant and office space, a pilots' lounge, as well as a small restaurant.

An economic impact analysis completed by the City as part of the 2006 Airport Master Plan revealed that Concord Airport contributes \$7.2 million dollars to the local economy in the form of direct, indirect, and induced impacts. The same study also estimated that the Airport supports nearly 1,700 jobs throughout the region. Construction of a new terminal building will help expand use of the Airport, and therefore further bolster the local and regional economy.

SERVICE IMPACT: To prevent further deterioration of facility, operation and safety concerns, continued deficiencies based on projected demand and capacity.

IMPACT IF NOT FUNDED: Inability to grow air traffic at the airport thereby resulting in stagnant revenues and persisting code compliance / life-safety concerns with the current facility.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 1997

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

20

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #383-New Airport Terminal Building

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Airport	Capital Outlay	0	0	12,650	0	0	0	0	0	0	0	12,650	0
Other	Federal	0	0	207,000	0	543,000	0	0	0	0	0	750,000	0
Other	State	0	0	10,350	0	27,150	0	0	0	0	0	37,500	0
Airport	G.O. Bonds	0	0	0	0	1,729,850	0	0	0	0	0	1,729,850	0
	Total	0	0	230,000	0	2,300,000	0	0	0	0	0	2,530,000	0

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2024	Other Federal	207,000	Design and permitting for new terminal building.
	Airport Capital Outlay	12,650	City's share.
	Other State	10,350	State's share.
		\$230,000	2024 Subtotal
2026	Airport G.O. Bonds	1,729,850	City's share.
	Other Federal	543,000	Construct new terminal. Federal share.
	Other State	27,150	State share.
		\$2,300,000	2026 Subtotal
	TOTAL	\$2,530,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #468-Reconstruct Taxiway A & Itinerant Ramp

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:

<input checked="" type="checkbox"/> New	<input type="checkbox"/> H Safety	<input type="checkbox"/> M Facility Cond.	<input type="checkbox"/> L Productivity
<input type="checkbox"/> Replace	<input type="checkbox"/> H Mandates	<input type="checkbox"/> H Service Def.	<input type="checkbox"/> H Tax Base Exp.
<input checked="" type="checkbox"/> Rebuild	<input type="checkbox"/> L O + M Costs	<input type="checkbox"/> N/A Council Goals	<input type="checkbox"/> H Timeliness
<input checked="" type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis			<input type="checkbox"/> H City Master Pl.

Airport

DESCRIPTION: The purpose of this project is to reconstruct Taxiway A in order to support continued operation of Runway 17/35, as well as construct a Itinerant Ramp to accommodate larger aircraft as recommended in the 2006 Airport Master Plan. Taxiway A was reconstructed in 2019.

In 2004, Runway 12/30 was reconstructed and reduced in width from 150 feet to 75 feet to comply with current FAA regulations. As a result, large corporate aircrafts (such as DC 9's and Boeing 727's) can no longer taxi on the narrower runway.

SERVICE IMPACT: Project will improve safety for aircraft during take off and landing cycles, as well as help reduce maintenance expenses. Improvements will also help the airport accommodate larger corporate aircraft (a key goal of the 2006 Airport Master Plan).

IMPACT IF NOT FUNDED: Existing safety concerns regarding aircraft back taxiing on the active runway will persist, thereby potentially jeopardizing future Federal grant funds for airport improvements. In addition, the airport will not be able to easily accommodate larger corporate aircraft, thus hindering economic development goals.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other Federal		0	0	0	0	150,000	1,000,000	0	0	0	0	1,150,000	0
Other State		0	0	0	0	8,334	55,556	0	0	0	0	63,890	0
Airport Capital Transfer		0	0	0	0	8,334	8,556	0	0	0	0	16,890	0
	Total	0	0	0	0	166,668	1,064,112	0	0	0	0	1,230,780	0

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #468-Reconstruct Taxiway A & Itinerant Ramp

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2026	Other Federal	150,000	Design the Itinerant Ramp expansion project. The ramp shall be expanded northerly so that it will have capacity to accommodate larger aircraft. Federal share.
	Airport Capital Transfer	8,334	City share.
	Other State	8,334	State share.
		\$166,668	2026 Subtotal
2027	Other Federal	1,000,000	Construct the Itinerant Ramp expansion project. Federal share.
	Other State	55,556	State share.
	Airport Capital Transfer	8,556	City share.
		\$1,064,112	2027 Subtotal
	TOTAL	\$1,230,780	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #471-Airport Fuel Farm

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input type="checkbox"/> New	<input type="checkbox" value="L"/> Safety	<input type="checkbox" value="L"/> Facility Cond.	<input type="checkbox" value="M"/> Productivity	
	<input checked="" type="checkbox"/> Replace	<input type="checkbox" value="M"/> Mandates	<input type="checkbox" value="M"/> Service Def.	<input type="checkbox" value="N/A"/> Tax Base Exp.	<input type="checkbox" value="H"/> City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="checkbox" value="L"/> O + M Costs	<input type="checkbox" value="L"/> Council Goals	<input type="checkbox" value="M"/> Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: Airport fuel farm improvements to comply with Federal Aviation Administration (FAA) and environmental regulations, as well as changes in customer demand.

SERVICE IMPACT: Achieve FAA compliance requirements and improved customer service. Also, installation of new equipment will further safe guard the environment and reduce possibility of petroleum contamination resulting from older equipment.

IMPACT IF NOT FUNDED: Inefficient fuel farm to service customers; potential environmental and safety liabilities from deteriorated fuel farm equipment.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other State		0	0	0	0	0	0	27,778	0	0	0	27,778	0
Other Federal		0	0	0	0	0	0	500,000	0	0	0	500,000	0
Airport Capital Transfer		0	0	0	0	0	0	27,778	0	0	0	27,778	0
	Total	0	0	0	0	0	0	555,556	0	0	0	555,556	0

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #471-Airport Fuel Farm

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Other Federal	500,000	Expand Fuel Farm to support increased activity at the airport.
	Airport Capital Transfer	27,778	City Portion.
	Other State	27,778	State Portion.
		\$555,556	2028 Subtotal
	TOTAL	\$555,556	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #492-Runway Protection Zone (RPZ) Obstruction Removal

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input checked="" type="checkbox"/> New	<input type="checkbox"/> H Safety	<input type="checkbox"/> L Facility Cond.	<input type="checkbox"/> L Productivity	
	<input type="checkbox"/> Replace	<input type="checkbox"/> H Mandates	<input type="checkbox"/> L Service Def.	<input type="checkbox"/> N/A Tax Base Exp.	<input type="checkbox"/> H City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="checkbox"/> L O + M Costs	<input type="checkbox"/> L Council Goals	<input type="checkbox"/> N/A Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: The purpose of this project is to make regular investments in the management of obstructions within the Airport's runway protection zones. Investments include property acquisition (both fee simple and easements), as well as management of tall vegetation and other potential obstructions.

Grant contracts with the FAA and State of New Hampshire for major construction projects completed at the Airport over the last several years require the City to undertake certain periodic runway protection zone improvements in order to insure ongoing safety for aircraft using the facility. The 2006 Airport Master Plan identified obstructions and aviation hazards in approaches to runways. In 2007, an Obstruction Removal Management Plan was completed that identifies all obstructions and easements required to remove the obstructions within runway safety zones. Future removals and acquisitions will be programmed in the CIP out years.

SERVICE IMPACT: Provides for FAA mandated control of safety areas.

IMPACT IF NOT FUNDED: Potential threats to aircraft during take offs and landings, as well as loss of Federal funding and potential decrease in activity at the airport.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #492-Runway Protection Zone (RPZ) Obstruction Removal

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other State		0	0	0	0	0	11,400	11,400	0	0	0	22,800	0
Other Federal		0	0	0	0	0	205,200	205,200	0	0	0	410,400	0
Airport Capital Transfer		0	0	0	0	0	11,400	11,400	0	0	0	22,800	0
	Total	0	0	0	0	0	228,000	228,000	0	0	0	456,000	0

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Other Federal	205,200	Design aviation easement and runway obstruction removal (RPZ and Greeley Street). Federal share.
	Other State	11,400	Design aviation easement and runway obstruction removal (RPZ and Greeley Street). State share.
	Airport Capital Transfer	11,400	Design aviation easement and runway obstruction removal (RPZ and Greeley Street). City share
		\$228,000	2027 Subtotal
2028	Other Federal	205,200	Airport obstruction removal (RPZ ad Greeley Street). Federal share.
	Airport Capital Transfer	11,400	Airport obstruction removal (RPZ ad Greeley Street). City share.
	Other State	11,400	Airport obstruction removal (RPZ ad Greeley Street). State share.
		\$228,000	2028 Subtotal
	TOTAL	\$456,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #514-Airport Parking Lot Improvements

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input checked="" type="checkbox"/> New	<input type="checkbox"/> L Safety	<input type="checkbox"/> L Facility Cond.	<input type="checkbox"/> L Productivity	
	<input type="checkbox"/> Replace	<input type="checkbox"/> N/A Mandates	<input type="checkbox"/> M Service Def.	<input type="checkbox"/> N/A Tax Base Exp.	<input type="checkbox"/> M City Master Pl.
	<input checked="" type="checkbox"/> Rebuild	<input type="checkbox"/> L O + M Costs	<input type="checkbox"/> L Council Goals	<input type="checkbox"/> L Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: The FY2006 Master Plan recommends expanding the additional public parking area at the airport terminal in order to accommodate the increased parking demand during peak activities at the airport. An additional 700 vehicles park at the airport during the NASCAR race week. Parking inside of the secure airport is a safety concern due to the potential for runway incursions.

SERVICE IMPACT: Expanding the existing parking area allows the City some flexibility, enabling them to use that area for some other revenue producing use in the future.

IMPACT IF NOT FUNDED: Continued demand for parking during peak airport activities. Airport operations safety concerns.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Airport	G.O. Bonds	0	0	0	0	0	0	0	0	0	320,000	320,000	0
	Total	0	0	0	0	0	0	0	0	0	320,000	320,000	0

2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT

PROJECT: CD-ENGINEERING SERVICES #514-Airport Parking Lot Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2031	Airport G.O. Bonds	160,000	Expand and redesign the existing automobile parking lot and entrance roadway in front of the terminal building per the Master Plan.
	Airport G.O. Bonds	160,000	Create turf parking lot for overflow for automobile rental and fan parking per the 2006 Airport Master Plan.
		\$320,000	2031 Subtotal
	TOTAL	\$320,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #534-Tie Down Rehabilitation and Expansion

I. PROJECT TYPE: Airport

II. LOCATION: Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input checked="" type="checkbox"/> New	<input type="text" value="M"/> Safety	<input type="text" value="N/A"/> Facility Cond.	<input type="text" value="L"/> Productivity	
	<input type="checkbox"/> Replace	<input type="text" value="N/A"/> Mandates	<input type="text" value="L"/> Service Def.	<input type="text" value="N/A"/> Tax Base Exp.	<input type="text" value="M"/> City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="text" value="L"/> O + M Costs	<input type="text" value="L"/> Council Goals	<input type="text" value="L"/> Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: The purpose of this project is to make periodic investments in the Tie Down area at the Concord Municipal Airport.

In 1990, the city constructed Phase I of the Based Aircraft Tie down Apron Expansion Project. This project created 56 tie downs for airport users to secure their planes. Currently the existing tie downs are 70% occupied.

This project will create an additional 32 tie down aprons on approximately 2 acres of land in a designated conservation zone. Therefore, development of this area will require an amendment to the agency agreement governing the conservation zones.

SERVICE IMPACT: Project will help implement the goals of the 2006 Airport Master Plan by providing additional capacity for general aviation users to be based at the airport.

IMPACT IF NOT FUNDED: Stagnant revenues and loss of market share to other regional general aviation airports such as Lebanon, Rochester, Laconia, and Nashua.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20

EXPECTED BOND TERM (In Years)

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #534-Tie Down Rehabilitation and Expansion

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other State		0	0	0	8,334	37,500	60,000	0	0	0	0	105,834	0
Other Federal		0	0	0	150,000	675,000	1,080,000	0	0	0	0	1,905,000	0
Airport Capital Transfer		0	0	0	8,334	37,500	60,000	0	0	0	0	105,834	0
	Total	0	0	0	166,668	750,000	1,200,000	0	0	0	0	2,116,668	0

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2025	Other Federal	150,000	Design reconstruction and expansion of tie-down area. Federal share.
	Airport Capital Transfer	8,334	City share.
	Other State	8,334	State share.
		\$166,668	2025 Subtotal
2026	Other Federal	675,000	Construct approximately 2 acres of new aircraft tie down aprons. Federal share.
	Other State	37,500	State share.
	Airport Capital Transfer	37,500	City share.
		\$750,000	2026 Subtotal
2027	Other Federal	1,080,000	Reconstruct existing aircraft tie down aprons. Federal share.
	Airport Capital Transfer	60,000	City share.
	Other State	60,000	State share.
		\$1,200,000	2027 Subtotal
	TOTAL	\$2,116,668	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #536-Hangar Replacement

I. PROJECT TYPE: Airport

II. LOCATION: Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input type="checkbox"/> New	<input type="text" value="L"/> Safety	<input type="text" value="M"/> Facility Cond.	<input type="text" value="L"/> Productivity	
	<input checked="" type="checkbox"/> Replace	<input type="text" value="H"/> Mandates	<input type="text" value="L"/> Service Def.	<input type="text" value="L"/> Tax Base Exp.	<input type="text" value="M"/> City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="text" value="M"/> O + M Costs	<input type="text" value="N/A"/> Council Goals	<input type="text" value="N/A"/> Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: Replace hangers 1, 2, and 3 in accordance with the 2006 Airport Master Plan. These hangers were constructed in the early 1930's and have exhausted their useful life.

SERVICE IMPACT: The hanger infrastructure requires ongoing maintenance. The plumbing, electrical and heating systems are substandard and inefficient.

IMPACT IF NOT FUNDED: Increased long-term costs for more extensive repairs necessitated by deferred maintenance. Potential loss of customers / revenues for the airport, thereby eroding airport market share, due to obsolete facilities.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 40

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other State		0	0	0	0	0	0	0	0	26,500	0	26,500	55,000
Other Federal		0	0	0	0	0	0	0	0	477,000	0	477,000	1,000,000
Airport Capital Transfer		0	0	0	0	0	0	0	0	26,500	0	26,500	55,000
	Total	0	0	0	0	0	0	0	0	530,000	0	530,000	1,110,000

2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT

PROJECT: CD-ENGINEERING SERVICES #536-Hangar Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	Other Federal	477,000	Replace Hangar 1. Federal share.
	Other State	26,500	Replace Hangar 1. State share.
	Airport Capital Transfer	26,500	Replace Hanger 1. City share.
		\$530,000	2030 Subtotal
	TOTAL	\$530,000	

**2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT**

PROJECT: CD-ENGINEERING SERVICES #572-Airport Master Plan

I. PROJECT TYPE: Airport

II. LOCATION: Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	<input type="checkbox"/> New	<input type="text" value="N/A"/> Safety	<input type="text" value="H"/> Facility Cond.	<input type="text" value="L"/> Productivity	
	<input checked="" type="checkbox"/> Replace	<input type="text" value="N/A"/> Mandates	<input type="text" value="L"/> Service Def.	<input type="text" value="M"/> Tax Base Exp.	<input type="text" value="H"/> City Master Pl.
	<input type="checkbox"/> Rebuild	<input type="text" value="N/A"/> O + M Costs	<input type="text" value="M"/> Council Goals	<input type="text" value="M"/> Timeliness	Airport
	<input type="checkbox"/> Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis				

DESCRIPTION: The current Airport Master Plan was last updated in 2006. Periodic updates are required every 10-20 years in order to plan future capital investments designed to keep the facility viable within the framework of the New England general aviation market.

SERVICE IMPACT: Recommendations will provide focused direction to the city for airport improvements and management structure.

IMPACT IF NOT FUNDED: Application of future Federal grants for airport improvements will be denied if the Master Plan is not current.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10

EXPECTED BOND TERM (In Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Ten Years	2032+
Other State		0	0	0	0	0	0	10,554	0	0	0	10,554	0
Other Federal		0	0	0	0	0	0	190,000	0	0	0	190,000	0
Airport	Capital Transfer	0	0	0	0	0	0	10,554	0	0	0	10,554	0
	Total	0	0	0	0	0	0	211,108	0	0	0	211,108	0

2022-2031
CAPITAL IMPROVEMENT PROGRAM
DETAIL PROJECT LISTING BY DEPT

PROJECT: CD-ENGINEERING SERVICES #572-Airport Master Plan

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Other Federal	190,000	Airport Master Plan Update. Federal share.
	Other State	10,554	State share.
	Airport Capital Transfer	10,554	City share.
		\$211,108	2028 Subtotal
	TOTAL	\$211,108	

