2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: INFORMATION TECHNOLOGY #2-Information Technology Hardware & Software Replacement

I. PROJECT TYPE: Information Technology & Communications

II. LOCATION: City Agencies

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	M	Safety	L	Facility Cond.	M	Productivity			
☑	Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	L	O + M Costs	N/A	Council Goals	L	Timeliness		Parks	

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

DESCRIPTION: The purpose of this project is to maintain a secure and stable IT environment through routine investments in the City's information technology (IT) infrastructure. Though not on the cutting edge of technology, the replacement schedule set forth herein ensures that the City will have reasonably current hardware and software to effectively support employee productivity, as well as services to the public.

Initially implemented using the industry standard three year replacement cycle, the program was adjusted to a four year cycle for desktop computers in FY 2007 to better control cost. Servers are replaced on a 5 year cycle. Other equipment such as switches, routers, firewalls, and printers shall be replaced as needed.

SERVICE IMPACT: The City is dependent upon technology in all aspects of its day-to-day and longer term operations. This CIP is critical to assuring City employees that the systems on which they depend will work reliably. As the City continues with the ERP replacement initiative which increases the integration among departmental resources, this dependence is even more critical. Not only will older equipment breakdown and slow the delivery of applications, but application software version improvements require reasonably up-to-date hardware and software to work at all, let alone deliver enhanced/improved features.

IMPACT IF NOT FUNDED: The MIS Master Plan has provided a cost-effective mechanism to stay reasonably current with technology at a modest consistent annual investment. Without this investment, not only will the City fall behind in offering the services demanded by the community, but systems will become technologically obsolete and fail, jeopardizing service delivery and possibly public safety. Correcting such a situation after failure, is much more expensive than maintaining the City's technology investment on an on-going basis.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 1998 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years) 5

PROJECT: INFORMATION TECHNOLOGY #2-Information Technology Hardware & Software Replacement

VI. PROJECT FUND SUMMARY

Fund Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other Trust	190,000	0	0	0	0	0	0	0	0	0	190,000
Sewer Capital Transfer	58,000	52,813	62,750	52,000	58,125	50,063	48,125	47,875	39,750	53,813	523,314
Water Capital Transfer	58,000	52,813	62,750	52,000	58,125	50,063	48,125	47,875	39,750	53,813	523,314
General Capital Transfer	349,000	316,875	376,500	312,000	348,750	300,375	288,750	287,250	238,500	322,875	3,140,875
Total	655,000	422,501	502,000	416,000	465,000	400,501	385,000	383,000	318,000	430,501	4,377,503

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General Capital Transfer	349,000	Replace hardware, computers, laptops, monitors, and servers. Software upgrades. Replace Fire Department mobile computers. Security system upgrades/replacement (Capital Transfer Portion)
	Other Trust	190,000	Replace hardware, computers, laptops, monitors, and servers. Software upgrades. Replace Fire Department mobile computers. Security system upgrades/replacement (Technology Reserve Portion)
	Sewer Capital Transfer	58,000	Sewer share of above.
	Water Capital Transfer	58,000	Water share of above.
		$655,000	2027 Subtotal
2028	General Capital Transfer	316,875	Replace hardware, computers, laptops, monitors, and server, printers, software upgrades, networking upgrades,security system upgrades/replacement, iPads.
	Water Capital Transfer	52,813	Water share of above.
	Sewer Capital Transfer	52,813	Sewer share of above.
		$422,501	2028 Subtotal
2029	General Capital Transfer	376,500	Replace hardware, computers, laptops, monitors, and servers, printers, software upgrades, security system upgrades/replacement, iPads
	Water Capital Transfer	62,750	Water share of above.
	Sewer Capital Transfer	62,750	Sewer share of above.
		$502,000	2029 Subtotal

PROJECT:	INFORMATION TECHNOLOGY	#2-Information Technology Hardware & Software Replacement	
2030	General Capital Transfer	312,000	Replace Hardware, computers, laptops, monitors, and servers, printers, software upgrades, networking upgrades, security system upgrades/replacement, replace Police Department mobile computers
	Water Capital Transfer	52,000	Water share of above
	Sewer Capital Transfer	52,000	Sewer share of above.
		$416,000	2030 Subtotal
2031	General Capital Transfer	348,750	Replace Hardware, computers, laptops, monitors, and servers, printers, networking upgrades, software upgrades, replace Fire Department mobile computers,security system upgrades/replacemen
	Sewer Capital Transfer	58,125	Sewer share of above.
	Water Capital Transfer	58,125	Water share of above.
		$465,000	2031 Subtotal
2032	General Capital Transfer	300,375	Replace Hardware, computers, laptops, monitors, and servers, printers, security system upgrades/replacement, iPads
	Water Capital Transfer	50,063	Water share of above.
	Sewer Capital Transfer	50,063	Sewer share of above.
		$400,501	2032 Subtotal
2033	General Capital Transfer	288,750	Replace Hardware, computers, laptops, monitors, and servers, printers ,software upgrades, networking upgrades, security system upgrades/replacement
	Water Capital Transfer	48,125	Water share of above.
	Sewer Capital Transfer	48,125	Sewer share of above.
		$385,000	2033 Subtotal
2034	General Capital Transfer	287,250	Replace Hardware, computers, laptops, monitors, and servers, printers, networking upgrades, security system upgrades/replacement, replace Police Department mobile computers
	Sewer Capital Transfer	47,875	Sewer portion
	Water Capital Transfer	47,875	Water portion
		$383,000	2034 Subtotal

PROJECT:	INFORMATION TECHNOLOGY		#2-Information Technology Hardware & Software Replacement
2035	General Capital Transfer	238,500	Replace Hardware, computers, laptops, monitors, and servers, printers, software upgrades, networking upgrades, security system upgrades/replacement, replace Fire Department mobile computers
	Water Capital Transfer	39,750	Water portion
	Sewer Capital Transfer	39,750	Sewer portion
		$318,000	2035 Subtotal
2036	General Capital Transfer	322,875	Replace Hardware, computers, laptops, monitors, and servers, printers, software upgrades, networking upgrades, security system upgrades/replacement
	Water Capital Transfer	53,813	Water Portion of the above
	Sewer Capital Transfer	53,813	Sewer Portion of the above.
		$430,501	2036 Subtotal
	TOTAL	$4,377,503	

PROJECT: FIRE #4-Fire Department Vehicle Replacement

I. PROJECT TYPE: Fire Vehicles

II. LOCATION: All Stations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	H	Facility Cond.	M	Productivity			
	☑ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☐ Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Motor Vehicle Equipment	

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

DESCRIPTION: Systematic planned replacement of fire apparatus, rescue and support vehicles to maintain public safety and minimize operational costs for vehicle maintenance and repairs. The Department currently has the following compliment of vehicles:

Engines / Pumpers: 5 total. 3 frontline, 2 reserve. Generally kept for 8 years of front line service and 8 years reserve (for total of 16 years of service).

1 Tanker (2,000 gallons). Generally kept for 20 years of service. Serves rural areas of City without City Water and is used to supplement water supply in special incident types throughout the City.

Ambulances: 6 total. 4 frontline, 2 reserve. Generally kept for 4 years of front line service, with 4 years in reserve (for 8 years total).

Forestry Units: 3 total. Kept for 10 years.

Boats (motorized): 3 total. Kept for 10 to 15 years.

UTV: 1 total. Kept for 10 years.

Ladder Trucks: 2 total. 1 frontline, 1 reserve. 8 years front line service followed by 8 years in reserve (16 years total).

Utility Truck: Pick-up truck assigned to Central Station (Kept for approximately 10 years).

Fire Alarm Division: 1 pickup truck, 1 bucket truck. (Kept for approximately 10 years).

Battalion Chief Vehicles: 2 Total. 5 years front line service followed by 5 years in reserve.

Staff Vehicles (Replace every 10 years):

PROJECT: FIRE #4-Fire Department Vehicle Replacement

Chief (1)
Deputy Chief (2)
Training Captain (1)
EMS Captain (1)
Fire Marshal (1)
Asst. Fire Marshal (1)
EMS Lieutenant (1)

SERVICE IMPACT: Routine replacement of vehicles is necessary in order to provide reliable fire and emergency medical services, as well as service for fire alarm, traffic, and pedestrian signal equipment.

IMPACT IF NOT FUNDED: Reduced ability to service fire and emergency medical needs, as well as alarm system, traffic and pedestrian signal equipment in a timely fashion. Increased operating and maintenance costs for older equipment.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2025 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	1,500,000	2,600,000	1,850,000	2,565,000	1,980,000	1,775,000	1,550,000	1,500,000	3,150,000	200,000	18,670,000
	Total	1,500,000	2,600,000	1,850,000	2,565,000	1,980,000	1,775,000	1,550,000	1,500,000	3,150,000	200,000	18,670,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	1,300,000	Replace Engine 4 (2021)
	General G.O. Bonds	110,000	Replace Utility 1 (2017)
	General G.O. Bonds	90,000	Add Assistant Fire Marshall Vehicle - Second AFM position added in FY26 with no vehicle.
		$1,500,000	2027 Subtotal
2028	General G.O. Bonds	1,300,000	Replace Rescue 1 (2006)

PROJECT: FIRE #4-Fire Department Vehicle Replacement

	General	G.O. Bonds	1,300,000	Replace Ambulances 4 and 1 (2022)
			$2,600,000	2028 Subtotal
2029	General	G.O. Bonds	1,400,000	Replace Ambulance 7 & Ambulance 5 (2024)
	General	G.O. Bonds	150,000	Replace Forestry 4 (2017)
	General	G.O. Bonds	140,000	Replace 2 Staff Cars DC Operations (2017) and DC of Administration Vehicles (2016)
	General	G.O. Bonds	85,000	Replace 1 Staff Vehicle Fire Chief (2018)
	General	G.O. Bonds	75,000	Replace EMS Officer Vehicle
			$1,850,000	2029 Subtotal
2030	General	G.O. Bonds	2,500,000	Replace Ladder Truck (2023)
	General	G.O. Bonds	65,000	Replace UTV (2020)
			$2,565,000	2030 Subtotal
2031	General	G.O. Bonds	1,540,000	Replace Ambulances 4 & 1 (2027)
	General	G.O. Bonds	150,000	Replace Forestry 7 (2020)
	General	G.O. Bonds	150,000	Replace Forestry 5 (2019)
	General	G.O. Bonds	140,000	Replace Command Car (2022)
			$1,980,000	2031 Subtotal
2032	General	G.O. Bonds	1,500,000	Systematic replacement of Engine 5
	General	G.O. Bonds	275,000	Replace Fire Alarm Utility Truck (2022)
			$1,775,000	2032 Subtotal
2033	General	G.O. Bonds	1,550,000	Systematic replacement of Engine 7.
			$1,550,000	2033 Subtotal
2034	General	G.O. Bonds	1,500,000	Systematic replacement of Engines 4.
			$1,500,000	2034 Subtotal

PROJECT: FIRE #4-Fire Department Vehicle Replacement

2035	General	G.O. Bonds	1,600,000	Ambulance 1 & 4 Replacement - (2028)
	General	G.O. Bonds	1,550,000	Systematic Replacement of Engine 1
			$3,150,000	2035 Subtotal
2036	General	G.O. Bonds	200,000	Replace Deputy Chief-Operations Vehicle Replace Fire Marshal Vehicle (2026) Replace Deputy Chief-Administration Vehicle
			$200,000	2036 Subtotal
	TOTAL		$18,670,000	

PROJECT: CD-ENGINEERING SERVICES #17-Sidewalk, Bikeway and Streetscape Improvements

I. PROJECT TYPE: Sidewalks and Streetscapes

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐ New	L	Safety	M	Facility Cond.	M	Productivity				
☐ Replace	H	Mandates	M	Service Def.	L	Tax Base Exp.	H	City Master Pl.		
☑ Rebuild	L	O + M Costs	L	Council Goals	M	Timeliness		Sidewalks		

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

DESCRIPTION: Comprehensive city-wide program to construct new or repair and rehabilitate existing sidewalks, pathways, bikeways, trails, and streetscape improvements including the installation of granite curbing, paved and unpaved sidewalks, paths, and trails and related infrastructure and appurtenances as required to comply with current ADA standards and regulations. Work also includes the construction or repair and rehabilitation of sidewalk ramps, construction of dedicated lanes or widened shoulders for bike lane opportunities along with streetscape landscaping in order to improve and enhance multi-modal capacity throughout the City.

This program was developed through the Transportation Policy Advisory Committee and presented and accepted by the City Council in 2021.

SERVICE IMPACT: Reduce annual maintenance costs related to deteriorated infrastructure.

IMPACT IF NOT FUNDED: Continued non-compliance with mandated ADA requirements.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 1996 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

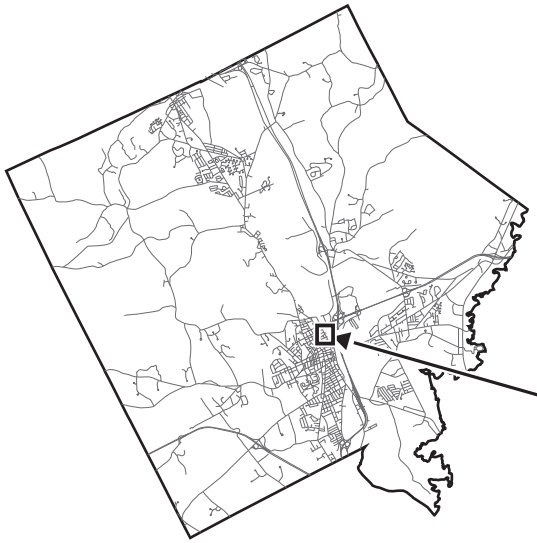
VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Highway Reserve	515,000	0	85,000	0	0	0	0	0	0	0	600,000
General	Donations	0	0	0	750,000	0	0	0	0	0	0	750,000
	Total	515,000	0	85,000	750,000	0	0	0	0	0	0	1,350,000

PROJECT: CD-ENGINEERING SERVICES #17-Sidewalk, Bikeway and Streetscape Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	General	Highway Reserve	515,000	Construction of sidewalk, crosswalk, and bus stop improvements on N Main Street (Storrs Street and Bouton Street), to be coordinated with CIP #78.
			$515,000	2027 Subtotal
2029	General	Highway Reserve	85,000	Estimated costs for the design of 2500 ft. of improvements to Airport Road between 178 and Old Suncook Road.
			$85,000	2029 Subtotal
2030	General	Donations	750,000	Estimated costs for the construction of 2500 ft. of improvements to Airport Road between 178 and Did Suncook Road.
			$750,000	2030 Subtotal
	TOTAL		$1,350,000	



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Engineering Services Division
City of Concord, New Hampshire

GEOGRAPHIC INFORMATION SYSTEM

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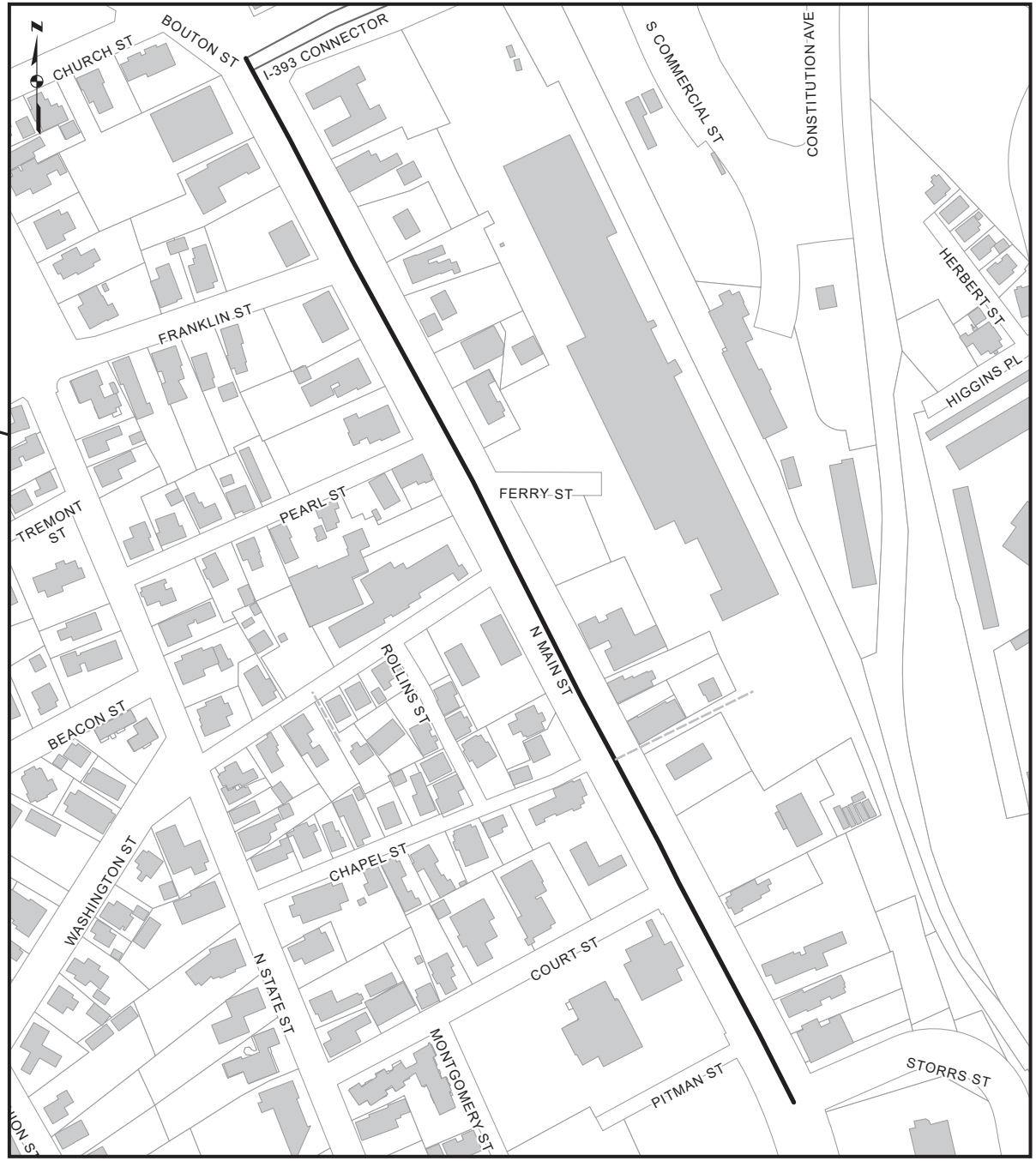
Not to Scale

FY 2027
CIP PROJECT #17

SIDEWALK, BIKEWAY AND STREETSCAPE IMPROVEMENTS



2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #18-Storrs Street Extension, North & South

I. PROJECT TYPE: Streets New Construction

II. LOCATION: Northerly and southerly of present Storrs St., along and parallel to the west side of the railroad tracks.

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑ New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity		
☐ Replace	N/A	Mandates	L	Service Def.	M	Tax Base Exp.	H	City Master Pl.
☐ Rebuild	M	O + M Costs	M	Council Goals	L	Timeliness		Corridor Improvements

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

DESCRIPTION: The purpose of this project is to design and construction two extensions of Storrs Street, together with customary municipal infrastructure, in accordance with the 1997 Downtown Master Plan, North End Opportunity Corridor Tax Increment Finance District Development Program and Financing Plan, the 2006 "Opportunity Corridor Master Plan", and 2030 City Master Plan in order to promote and encourage economic redevelopment in the Opportunity Corridor.

The first phase of the project shall extend Storrs Street north to Constitution Avenue.
In coordination with Phase 1, the existing Storrs Street Corridor shall be studied for coordination and cohesion of the entirety of the corridor.
The second phase of the project shall extend Storrs Street south to Langdon Avenue.

SERVICE IMPACT: Moderate increases in highway operation and maintenance costs.

IMPACT IF NOT FUNDED: Delays economic development/redevelopment in the south end development corridor, prohibits achievement of long-standing goal of connecting Horseshoe Pond Office Park and former South End Rail Yard to Downtown.

IV PREVIOUS FISCAL YEAR AUTHORIZED: Oct. 1998 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

PROJECT: CD-ENGINEERING SERVICES #18-Storrs Street Extension, North & South

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	100,000	0	0	0	0	0	500,000	600,000
Other	Tax Increment Financing	0	0	0	0	0	0	0	0	1,390,000	11,850,000	13,240,000
	Total	0	0	0	100,000	0	0	0	0	1,390,000	12,350,000	13,840,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	General G.O. Bonds	100,000	Conceptual design for corridor improvement alternatives for existing Storrs Street, between Dixon Ave and Theatre Street, to transition to future north and south extensions.
		$100,000	2030 Subtotal
2035	Other Tax Increment Financing	940,000	Discontinuance and acquisition of Northern Main Railroad from Loudon Road to Horseshoe Pond Lane to facilitate Storrs Street North from CSX Corps'; rehabilitation of CSX Corps' existing siding located in South-End Rail Yard. Financed by the NEOCTIF District.
	Other Tax Increment Financing	450,000	Preliminary Design for Storrs Street North Extension to include the design of North Main Street and Storrs Street intersection (previously programmed in FY21 CIP 34). Financed by the NEOCTIF District.
		$1,390,000	2035 Subtotal
2036	Other Tax Increment Financing	11,850,000	Final design, permitting, and construction of Storrs Street North Extension including North Main Street and Storrs Street Intersection.. Financed by the NEOCTIF District.
	General G.O. Bonds	500,000	Design - Storrs Street Extension South from Storrs Street at the intersection of Theatre Street southerly beneath the Water Street bridge to Langdon Avenue.
		$12,350,000	2036 Subtotal
	TOTAL	$13,840,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #36-Manchester Street / Route 3 South

I. PROJECT TYPE: Street Corridor Improvements

II. LOCATION: Manchester Street from Exit 13 Terminus to Pembroke Town Line

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	M	Safety	L	Facility Cond.	N/A	Productivity			
☐	Replace	H	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☑	Rebuild	M	O + M Costs	H	Council Goals	L	Timeliness		Corridor Improvements	

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

DESCRIPTION: The purpose of this project is to widen Manchester Street from 2 to 3 lanes between Garvins Falls Road to Airport Road.

In 2005, City Council approved a plan to improve Manchester Street. The plan called for widening the road from two to three lanes between Garvins Falls Road to Banks Chevrolet. Implementation of the plan would require acquisition of additional right of way (from an existing 66 feet to 82 feet) to accommodate the relocation of private utilities and the new signalized intersection at Airport Road and Integra Drive (to include five lane approach at the intersection).

In 2012 the Airport Road / Manchester Street intersection was fully reconstructed. The remaining corridor improvement project includes a three lane travel section with new sidewalk on both sides of Manchester Street, vertical granite curbing and a drainage infiltration system.

Future traffic modeling projects volumes over 50,000 vehicles per day on this corridor. These improvements will improve traffic flow, minimize congestion and increase safety, as well as support limited development within the Garvins Falls Urban Reserve Area Plan.

In the long-term, a five lane wide roadway will be required to support expanded development of the Garvins Falls area, as well as background traffic growth. See Project #43 (Garvins Falls) for additional improvements to the corridor at Old Suncook Road and Manchester Street.

In 2023, this project has been included in the NHDOT Ten Year Plan and project costs and schedule have been adjusted for an 80/20% state/city funding match.

SERVICE IMPACT: Improved traffic flow and reduced delays, as well as safety improvements for vehicles and pedestrians. Increased operational and maintenance costs for new signalized intersections and snow plowing operations. Decreased long term operational and maintenance costs for road repairs.

IMPACT IF NOT FUNDED: Increased congestion, lower level of service and more travel delays. Also, without project, long term development of Garvins Falls Urban Reserve Area and redevelopment potential of the Manchester Street Corridor will be limited.

PROJECT: CD-ENGINEERING SERVICES #36-Manchester Street / Route 3 South

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Sewer	G.O. Bonds	0	500,000	0	0	0	0	0	0	0	0	500,000
General	G.O. Bonds	0	3,200,000	0	0	0	0	0	0	0	0	3,200,000
Water	G.O. Bonds	0	160,000	0	0	0	0	0	0	0	0	160,000
Other	Federal	0	9,200,000	0	0	0	0	0	0	0	0	9,200,000
	Total	0	13,060,000	0	0	0	0	0	0	0	0	13,060,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Sewer G.O. Bonds	500,000	Replace approximately 1,100 feet of 15 inch sewer main with a new 18 inch main to provide for future capacity of the municipal system. Recommended in the 2004 Garvin's Falls Reserve Area Sewer Feasibility Report. Replace deteriorated sewer services.
	Water G.O. Bonds	160,000	Replace deteriorated service mains, install new service mains, hydrants and valves.
	Other Federal	9,200,000	Reconstruct and widen Manchester Street to three lanes from Garvin's Falls Road to Airport Road. Improvements include installation of a new storm water conveyance system. (80% federal share).
	General G.O. Bonds	2,300,000	Reconstruct and widen Manchester Street to three lanes from Garvin's Falls Road to Airport Road. Improvements include installation of a new storm water conveyance system. (20% City share).
	General G.O. Bonds	900,000	Construction of the signalized intersection of Manchester Street and Old Suncook Road ($1,000,0000). Discontinue Garvins Falls Road ($75,000). Review and potential construction of intersection improvements at Crestwood Manufactured Home Park ($550,000). Previously approved by City Council in 2005.
		$13,060,000	2028 Subtotal
	TOTAL	$13,060,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #43-Garvins Falls Development Area

I. PROJECT TYPE: Economic Development

II. LOCATION: Urban Reserve Area Southerly of Manchester Street in the Vicinity of Garvins Falls Road

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑	New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity		
☐	Replace	N/A	Mandates	N/A	Service Def.	H	Tax Base Exp.	H	City Master Pl.
☐	Rebuild	H	O + M Costs	M	Council Goals	L	Timeliness		Corridor Improvements

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

DESCRIPTION: This project provides infrastructure improvements to support development of the largest contiguous area of undeveloped land in the City in accordance with the 1996 "Garvins Falls Urban Reserve Area - Development Feasibility Study". In Phase 1, a new collector road will be extended southerly from the Manchester Street/Old Suncook Road intersection to connect with a westerly extension of Integra Drive.

In later phases, Rte. 106 is extended westerly from Route 3 in Pembroke through the redevelopment area, eventually crossing the Merrimack River and connecting with Hall Street in the vicinity of the City Wastewater Treatment Plant. The project includes an internal roadway, as well as water and sewer main extensions within the new roadway network.

This project is intended to support a public / private partnership with property owners / developers looking to undertake development projects within this area of the City.

SERVICE IMPACT: Seven (7) new miles of roads will need to be maintained with water, sewer and storm utilities included. Project at build out (60 - 95 years) would increase city tax base significantly.

IMPACT IF NOT FUNDED: Community economic development benefits will be delayed.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 1996 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 60 Expected Bond Term (in Years) 20

PROJECT: CD-ENGINEERING SERVICES #43-Garvins Falls Development Area

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000
Sewer	G.O. Bonds	0	0	0	0	0	0	0	0	0	1,275,000	1,275,000
Water	G.O. Bonds	0	0	0	0	0	0	0	0	0	875,000	875,000
	Total	0	0	0	0	0	0	0	0	0	5,150,000	5,150,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2036	General Donations	3,000,000	Phase I - Design and construction of new collector road extending southerly from the intersection of Manchester and Old Suncook Road. The extension of Integra Drive to the new collector road plus two interior access roads. 7,300 LF of new roadway.
	Sewer G.O. Bonds	1,275,000	Phase I sewer system extension in new streets.
	Water G.O. Bonds	875,000	Phase I water system extension in new streets.
		$5,150,000	2036 Subtotal
	TOTAL	$5,150,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #51-White Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: 1 White Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
☑	New	M	Safety	M	Facility Cond.	N/A	Productivity				
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.		
☑	Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		Parks		
☑	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to make routine capital investments to repair or replace infrastructure at White Park.

White Park was conveyed to the city by Armenia White in 1884, in memory of her husband Nathaniel. Mr. White.

SERVICE IMPACT: Appropriately maintains, repairs, and replaces park infrastructure thereby preserving the usability, appearance, and community satisfaction with this important recreational asset. Also reduces potential liabilities associated with deteriorated infrastructure.

IMPACT IF NOT FUNDED: Facilities will deteriorate thereby increasing community dissatisfaction, disuse, and avoidance of this recreational asset. Also, deferred maintenance will result in higher repair costs in the future. Lack of routine maintenance may result in closure of some park amenities to reduce liability.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	475,000	30,000	0	0	0	0	0	0	0	0	505,000
	Total	475,000	30,000	0	0	0	0	0	0	0	0	505,000

PROJECT: REC-GROUNDS #51-White Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	275,000	Rehabilitate the impervious surface of the hockey rink and new hockey boards.
	General G.O. Bonds	200,000	Remove sediment and lotus plant growing in the pond.
		$475,000	2027 Subtotal
2028	General G.O. Bonds	30,000	Replace irrigation system pump.
		$30,000	2028 Subtotal
	TOTAL	$505,000	

PROJECT: REC-GROUNDS #52-Keach Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Newton Avenue

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☑	New	L	Safety	L	Facility Cond.	N/A	Productivity			
	☑	Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☑	Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		Parks	
	☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to establish a capital improvement program for Keach Park.

In 1928 a tract of land in the Plains district was acquired by the city for playground purposes and in 1933 the land became a park and set aside for the development of a community Park and Public Playground.

SERVICE IMPACT: Appropriately maintains, repairs, and replaces park infrastructure thereby preserving the usability, appearance, and community satisfaction with this important recreational asset. Also reduces potential liabilities associated with deteriorated infrastructure.

IMPACT IF NOT FUNDED: Facilities will deteriorate thereby increasing community dissatisfaction, disuse, and avoidance of this recreational asset. Also, deferred maintenance will result in higher repair costs in the future. Lack of routine maintenance may result in closure of some park amenities to reduce liability.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	350,000	0	0	30,000	0	0	0	380,000
	Total	0	0	0	350,000	0	0	30,000	0	0	0	380,000

PROJECT: REC-GROUNDS #52-Keach Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	General G.O. Bonds	350,000	Replace playground equipment; includes safety surfacing.
		$350,000	2030 Subtotal
2033	General G.O. Bonds	30,000	Crack seal and paint basketball court and soccer mini pitch.
		$30,000	2033 Subtotal
	TOTAL	$380,000	

PROJECT: REC-GROUNDS #55-Rolfe Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Community Drive Penacook

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	L	Safety	M	Facility Cond.	N/A	Productivity				
	☑ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.		
	☑ Rebuild	L	O + M Costs	N/A	Council Goals	M	Timeliness		Parks		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to establish a capital improvement program for Rolfe Park. Projects are intended to repair and refurbish existing infrastructure, as well as construct new amenities to serve the community.

Abial Walker Rolfe donated land to City in 1920 to be used for a Park, Playground and Athletic Field.

SERVICE IMPACT: Appropriately maintains, repairs, and replaces park infrastructure thereby preserving the usability, appearance, and community satisfaction with this important recreational asset. Also reduces potential liabilities associated with deteriorated infrastructure.

IMPACT IF NOT FUNDED: Facilities will deteriorate thereby increasing community dissatisfaction, disuse, and avoidance of this recreational asset. Also, deferred maintenance will result in higher repair costs in the future. Lack of routine maintenance may result in closure of some park amenities to reduce liability.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	200,000	0	400,000	0	0	0	600,000
	Total	0	0	0	0	200,000	0	400,000	0	0	0	600,000

PROJECT: REC-GROUNDS #55-Rolfe Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2031	General	G.O. Bonds	200,000	Design and construct a pump station, piping, and irrigation heads for the baseball and softball fields. In fall these fields become soccer fields.
			$200,000	2031 Subtotal
2033	General	G.O. Bonds	400,000	Replace playground equipment; installed in early 2000s.
			$400,000	2033 Subtotal
	TOTAL		$600,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #56-Rollins Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Bow Street and Broadway

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	M	Safety	L	Facility Cond.	N/A	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☑	Rebuild	L	O + M Costs	N/A	Council Goals	M	Timeliness		Parks	
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to establish a capital improvement program for Rollins Park. Projects are intended to repair and refurbish existing infrastructure, as well as construct new amenities to serve the community.

In 1920 land was accepted and named Rollins Park. Was a gift of the late Governor Frank West Rollins, in memory of a distinguished townsman and senator, the Honorable Edward. H. Rollins.

SERVICE IMPACT: Improved usability, appearance, and community satisfaction, as well as potentially decreased liability for the premier recreational facility of the South End.

IMPACT IF NOT FUNDED: Facilities will deteriorate thereby increasing community dissatisfaction, disuse, and avoidance of this recreational asset. Also, deferred maintenance will result in higher repair costs in the future. Lack of routine maintenance may result in closure of some park amenities to reduce liability.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	175,000	0	0	0	70,000	245,000
	Total	0	0	0	0	0	175,000	0	0	0	70,000	245,000

PROJECT: REC-GROUNDS #56-Rollins Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2032	General	G.O. Bonds	175,000	Install automatic irrigation at softball and baseball fields, which are also used for Field Hockey during the fall months.
			$175,000	2032 Subtotal
2036	General	G.O. Bonds	70,000	Replace baseball and softball field backstops.
			$70,000	2036 Subtotal
	TOTAL		$245,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #59-Terrill Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Old Turnpike Road at Manchester Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☑ New	M	Safety	L	Facility Cond.	N/A	Productivity			
	☐ Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☐ Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Parks	
	☑ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: In 2009, staff coordinated a review of the previous master plan and presented options to the Recreation and Parks Advisory Committee (RPAC). The park plan recognized the need for expanded athletic field capacity at this location. As such, the 2009 plan called for the design and construction of a premiere synthetic turf multi-purpose athletic field and associated infrastructure including grandstands, locker rooms, concessions, a storage building, lighting, as well as parking lots.

In FY 2017 the consulting firm VHB was engaged to undertake preliminary design of proposed improvements, as well as update cost estimates for the project. Development permits and approvals have been secured for the project. Final design documents and all permits are valid until mid 2027.

SERVICE IMPACT: This project will expand the City's capacity for field based recreational activities. It will also greatly improve an underutilized recreational asset.

IMPACT IF NOT FUNDED: Community dissatisfaction, disuse, and avoidance of this recreational asset, and increased future costs associated with delayed improvements. This significant recreational asset will remain underdeveloped.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2010 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	210,000	0	0	0	0	0	0	0	0	0	210,000
General	Capital Close-out	90,221	0	0	0	0	0	0	0	0	0	90,221
	Total	300,221	0	0	0	0	0	0	0	0	0	300,221

PROJECT: REC-GROUNDS #59-Terrill Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	General	Capital Close-out	90,221	Remove stumps, grade, add loam in area of future athletic field. Area would be approx (330 by 180 ft) (Closeout Portion)
	General	G.O. Bonds	210,000	Remove stumps, grade, add loam in area of future athletic field. Area would be approx (330 by 180 ft) (Bond Portion)
			$300,221	2027 Subtotal
	TOTAL		$300,221	

PROJECT: REC-GROUNDS #60-Kiwanis (Waterfront) Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Loudon Road (Adjacent to Everett Arena)

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☑ New	L	Safety	N/A	Facility Cond.	N/A	Productivity				
	☐ Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.		
	☐ Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness		Parks		

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

DESCRIPTION: On January 19, 2023, the City completed a Visioning Charrette for the Merrimack River Open Space and Recreation Corridor. The purpose of this project is to implement the goals, objectives, and recommendations resulting from the Charrette process.

SERVICE IMPACT: Long range plan for expansion and full utilization of this City owned property.

IMPACT IF NOT FUNDED: This significant recreational asset will remain underdeveloped, Existing parking lot and skateboard park condiations will continue to decline.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	0	0	0	0	900,000	900,000
	Total	0	0	0	0	0	0	0	0	0	900,000	900,000

PROJECT: REC-GROUNDS #60-Kiwanis (Waterfront) Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2036	General G.O. Bonds	900,000	The final design of the new skate park was projected to be built in two phases. First phase at one million while the second phase at $900,000
		$900,000	2036 Subtotal
	TOTAL	$900,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-PUBLIC PROPERTIES #63-City Wide Recreation Facility Improvements

I. PROJECT TYPE: Public Buildings

II. LOCATION: Various City Locations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	M	Facility Cond.	N/A	Productivity			
	☑ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☑ Rebuild	L	O + M Costs	N/A	Council Goals	M	Timeliness		Public Facilities	
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to provide for renovation and repair of Recreation Facilities throughout the city, including seven neighborhood pools, as well as the West Street Ward House, Green Street Community Center, and the City Auditorium. Improvements for the City-wide Community Center at Canterbury Road are addressed in CIP 443.

SERVICE IMPACT: Increased usability and reduced maintenance.

IMPACT IF NOT FUNDED: Deterioration of buildings will accelerate.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	350,000	220,000	100,000	100,000	0	0	0	0	0	0	770,000
	Total	350,000	220,000	100,000	100,000	0	0	0	0	0	0	770,000

PROJECT: GS-PUBLIC PROPERTIES #63-City Wide Recreation Facility Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	350,000	Rollins Park: Replaster pool
		$350,000	2027 Subtotal
2028	General G.O. Bonds	220,000	Rolfe Park: Replaster pool
		$220,000	2028 Subtotal
2029	General G.O. Bonds	100,000	Keach Park: Replaster pool.
		$100,000	2029 Subtotal
2030	General G.O. Bonds	100,000	Kimball Park: Replaster pool.
		$100,000	2030 Subtotal
	TOTAL	$770,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-PUBLIC PROPERTIES #64-Arena Improvements

I. PROJECT TYPE: Arena

II. LOCATION: Everett Arena

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	L	Safety	M	Facility Cond.	L	Productivity			
☑	Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☑	Rebuild	L	O + M Costs	M	Council Goals	M	Timeliness		Public Facilities	

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

DESCRIPTION: The purpose of this project is to make regular capital investments in the Everett Arena. Projects shall include, but not be limited to, repair / reconstruction of parking lots, electrical improvements, chiller unit replacement, as well as periodic replacement of roofing and exterior siding.

SERVICE IMPACT: Regular capital improvements will help maintain the facility, improve safety, decrease escalations in operating and maintenance expenses, and help keep the facility competitive in the market place.

IMPACT IF NOT FUNDED: The Arena is competing in a very competitive market that has seen dramatic growth in recent years. If the City does not make investments in the property, the arena's market share could be negatively affected, thereby reducing revenues and threatening its ability to remain financially self sufficient.

IV PREVIOUS FISCAL YEAR AUTHORIZED: June 1997 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	3,183,600	0	0	0	200,000	150,000	0	75,000	0	0	3,608,600
Arena	G.O. Bonds	0	0	0	0	70,000	0	0	0	0	0	70,000
	Total	3,183,600	0	0	0	270,000	150,000	0	75,000	0	0	3,678,600

PROJECT: GS-PUBLIC PROPERTIES #64-Arena Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	3,183,600	New outside Mechanical Room, includes compressors and total EPA compliance.
		$3,183,600	2027 Subtotal
2031	General G.O. Bonds	200,000	Replace main bleachers.
	Arena G.O. Bonds	70,000	Purchase tables and chairs to rent for with Arena events.
		$270,000	2031 Subtotal
2032	General G.O. Bonds	150,000	Replace Munters Dehumidification System.
		$150,000	2032 Subtotal
2034	General G.O. Bonds	75,000	Membrane roof replacement.
		$75,000	2034 Subtotal
	TOTAL	$3,678,600	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-PUBLIC PROPERTIES #65-City Hall Renovations

I. PROJECT TYPE: Public Buildings

II. LOCATION: City Hall - Green Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	L	Safety	M	Facility Cond.	L	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness		Public Facilities	

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

DESCRIPTION: The purpose of this project is to make routine investments to preserve, restore, and maintain City Hall and the Annex. Structural components, exterior integrity, service systems and the appearance of City Hall have deteriorated due to age and myriad of interim fixes. Deterioration is an ongoing issue, which must be continuously addressed in order to prevent more expensive repairs in the future, eliminate potential hazards and liabilities, as well as to maintain employee morale. This project addresses Council Goal #7.

SERVICE IMPACT: Routine capital investment in City Hall and associated buildings will improve energy efficiency, reduce long-term operating costs, as well as strengthen employee morale and civic pride.

IMPACT IF NOT FUNDED: Deterioration, energy inefficiency and high maintenance costs.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Close-out	286,638	0	0	0	0	0	0	0	0	0	286,638
General	G.O. Bonds	0	1,725,000	1,425,000	0	75,000	0	0	13,985,000	0	0	17,210,000
	Total	286,638	1,725,000	1,425,000	0	75,000	0	0	13,985,000	0	0	17,496,638

PROJECT: GS-PUBLIC PROPERTIES #65-City Hall Renovations

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	General	Capital Close-out	286,638	Design for partial renovation (light renovation of the entire 3rd floor and the area on the 1st floor currently the lobby, Records, Dispatch, and Watch Command) of the existing Green Street Police Station for return of Human Services to the municipal complex, following relocation of Police Department to 4 Bouton Street.
			$286,638	2027 Subtotal
2028	General	G.O. Bonds	1,425,000	Phase 1 construction for partial renovation of the existing Green Street Police Station for return of Human Services (light renovation of the entire 3rd floor and the area on the 1st floor currently the lobby, Records, Dispatch, and Watch Command) to the municipal complex, following relocation of Police Department to 4 Bouton Street.
	General	G.O. Bonds	300,000	City Auditorium: Replace ceiling and paint theatre.
			$1,725,000	2028 Subtotal
2029	General	G.O. Bonds	1,425,000	Phase 2 construction for partial renovation of the existing Green Street Police Station for return of Human Services (light renovation of the entire 3rd floor and the area on the 1st floor currently the lobby, Records, Dispatch, and Watch Command) to the municipal complex, following relocation of Police Department to 4 Bouton Street.
			$1,425,000	2029 Subtotal
2031	General	G.O. Bonds	75,000	Replace the Annex Roof
			$75,000	2031 Subtotal
2034	General	G.O. Bonds	13,985,000	Comprehensive renovations to the Municipal Campus including renovation of the former Police Station (35 Green Street) for new municipal use, and other renovations and improvements to City Hall (41 Green Street) and City Hall Annex (37 Green Street). Includes site work, landscaping, exterior building improvements, and interior improvements/renovations.
			$13,985,000	2034 Subtotal
	TOTAL		$17,496,638	

PROJECT: GS-PUBLIC PROPERTIES #65-City Hall Renovations

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: LIBRARY #68-Library

I. PROJECT TYPE: Public Buildings

II. LOCATION: 45 Green Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	L	Safety	M	Facility Cond.	N/A	Productivity			
	☑ Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		Public Facilities	

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

DESCRIPTION: In 1995, Tappe and Associates completed a comprehensive facility needs assessment of the library building at 45 Green Street. The survey recommended a variety of improvements to the roof of the library, windows, exterior surfaces and mechanical systems designed to protect the integrity of the structure. In addition, handicap accessibility related issues were identified and corrections proposed.

In October 2007 an updated library needs assessment was completed by J. Stewart Roberts Associates, Inc. This report, which was accepted by the City Council in December 2007, recommended that the City pursue construction of a new 40,000 SF public library in downtown Concord with associated parking areas. In September 2008 the City Council directed the formation of the 21st Century Library Task Force to conduct a fundraising feasibility study, develop estimates of operating costs for a new facility, as well as formal site selection study. The Task Force presented its findings to the City Council in January 2011. The Task Force's report reaffirmed the findings of the 2007 needs assessment and recommended that the City pursue acquisition of property in downtown for construction of a new facility.

During its review of the CIP in February 2018, the City Council directed the City Administration to revise this project to specifically contemplate renovation and potential expansion of the existing Green Street Library at the Municipal Campus.

In October 2020, an updated plan to renovate and expand the Green Street Library was presented to the City Council. The plan, prepared by Oudens Ello Architects of Boston, Massachusetts, called for demolition of the 1968 addition and construction of a new wing located on the west side of the building along Prince Street. The plan would result in the loss of existing parking lots at the library, as well as 10 Prince Street.

SERVICE IMPACT: Improved library services for the community. The project would allow for a greater portion of the Library's collection to be displayed (much is currently in storage). The project would also feature more seating, meeting and programming space, an expanded supply of technology for public use, as well as provide for a more efficient use of building space and better access to parking for patrons.

IMPACT IF NOT FUNDED: Inability of library to expand its service or collection to meet the growing needs of the community.

PROJECT: LIBRARY #68-Library

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	0	0	0	0	0	0	0	290,000	2,900,000	3,190,000
General	G.O. Bonds	0	0	0	0	0	0	0	0	2,610,000	26,100,000	28,710,000
	Total	0	0	0	0	0	0	0	0	2,900,000	29,000,000	31,900,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2035	General G.O. Bonds	2,610,000	Design renovation and expansion of Green Street Library per Oudens Ello Architecture 2020 concept plan. City share (90%).
	General Donations	290,000	Design renovation and expansion of Concord Public Library (Green Street) per Oudens Ello Architecture 2020 concept plan. Total anticipated cost of design is $2,900,000 based upon $29,000,000 projected construction cost. Donation share (10%)
		$2,900,000	2035 Subtotal
2036	General G.O. Bonds	26,100,000	Construct renovation and expansion of Green Street Library per Oudens Ello Architecture 2020 concept plan. Total anticipated construction cost of $26,100,000 projected construction cost. City share 90%.
	General Donations	2,900,000	Construct renovation and expansion of Green Street Library per Oudens Ello Architecture 2020 concept plan. Total anticipated construction cost of $29,000,000 projected construction cost. Donation share.
		$29,000,000	2036 Subtotal
	TOTAL	$31,900,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #71- Property Acquisition - Runway Protection Zone (RPZ)

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☑ New	H	Safety	L	Facility Cond.	L	Productivity			
	☐ Replace	H	Mandates	L	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☐ Rebuild	L	O + M Costs	L	Council Goals	N/A	Timeliness	Airport		
	☐ 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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	Capital Transfer	0	0	0	0	55,555	0	0	0	0	0	55,555
Other	Federal	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
Other	State	0	0	0	0	55,555	0	0	0	0	0	55,555
	Total	0	0	0	0	1,111,110	0	0	0	0	0	1,111,110

PROJECT: CD-ENGINEERING SERVICES #71- Property Acquisition - Runway Protection Zone (RPZ)

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2031	Other Federal	1,000,000	Acquire available property in Runway 17 protection zone. Federal Share.
	Airport Capital Transfer	55,555	City share of acquisition project.
	Other State	55,555	State share of acquisition project.
		$1,111,110	2031 Subtotal
	TOTAL	$1,111,110	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

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

DESCRIPTION: Reclaim runways 17/35. Abandon Runway 3/21 was reconstructed in 2023 with the development of the United Therapeutics Hangar.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other State	0	33,333	410,556	0	0	0	0	0	0	0	443,889
Other Federal	0	600,000	7,260,000	0	0	0	0	0	0	0	7,860,000
Airport Capital Transfer	0	33,333	0	0	0	0	0	0	0	0	33,333
Airport G.O. Bonds	0	0	410,556	0	0	0	0	0	0	0	410,556
Total	0	666,666	8,081,112	0	0	0	0	0	0	0	8,747,778

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

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Other Federal	600,000	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	33,333	Design the reclaim runway 17/35. State share.
	Airport Capital Transfer	33,333	Design the reclaim runway 17/35. City share.
		$666,666	2028 Subtotal
2029	Other Federal	6,220,000	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.
	Other Federal	1,040,000	Shift runway 300 feet to the south to comply with Runway Determination Safety Study. Federal Share.
	Airport G.O. Bonds	345,556	Reclaim runway 17/35. City share.
	Other State	345,556	Reclaim runway 17/35. State share.
	Other State	65,000	Shift runway 300 feet to the south to comply with Runway Determination Safety Study. State share.
	Airport G.O. Bonds	65,000	Shift runway 300 feet to the south to comply with Runway Determination Safety Study. City Share.
		$8,081,112	2029 Subtotal
	TOTAL	$8,747,778	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	N/A	Safety	M	Facility Cond.	N/A	Productivity			
☑	Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	L	O + M Costs	M	Council Goals	M	Timeliness	Airport		

☐ 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) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	Capital Transfer	10,000	20,000	10,000	0	10,000	0	10,000	0	0	0	60,000
Airport	G.O. Bonds	225,000	150,000	0	0	0	0	0	0	0	0	375,000
	Total	235,000	170,000	10,000	0	10,000	0	10,000	0	0	0	435,000

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

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	Airport	G.O. Bonds	125,000	Scrape and paint Hangar 1.
	Airport	G.O. Bonds	100,000	Install ductless splits in Hangar 4.
	Airport	Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
			$235,000	2027 Subtotal
2028	Airport	G.O. Bonds	150,000	Replace Hangar 4 roof.
	Airport	Capital Transfer	20,000	Assessment of needed facility improvements at Terminal and Hangar 1 in light of delay to the new Airport Terminal Building project. City and FBO to negotiate cost share for improvements costs in future years following assessment report being finalized.
			$170,000	2028 Subtotal
2029	Airport	Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
			$10,000	2029 Subtotal
2031	Airport	Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
			$10,000	2031 Subtotal
2033	Airport	Capital Transfer	10,000	Tree removal. Ongoing maintenance item to meet FAA requirements.
			$10,000	2033 Subtotal
	TOTAL		$435,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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:											
	☐ New	M	Safety	N/A	Facility Cond.	M	Productivity				
	☑ Replace	M	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.		
	☐ Rebuild	L	O + M Costs	N/A	Council Goals	M	Timeliness	Airport			

☐ 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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	Capital Transfer	38,500*	0	0	0	0	0	0	0	0	0	38,500
Other	Federal	693,000*	0	0	0	0	0	0	0	0	0	693,000
Other	State	38,500*	0	0	0	0	0	0	0	0	0	38,500
	Total	770,000	0	0	0	0	0	0	0	0	0	770,000

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	693,000	Purchase new snow blower, tow-behind sweeper, sander with liquid system, and ice spreader for dump truck with plow snow removal equipment. Federal share.
	Other State	38,500	State share.
	Airport Capital Transfer	38,500	City share.
		$770,000	2027 Subtotal
	TOTAL	$770,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-HIGHWAY / UTILITIES #78-Annual Highway Improvement Program

I. PROJECT TYPE: Street Rehabilitation

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	M	Facility Cond.	L	Productivity			
	☐ Replace	N/A	Mandates	H	Service Def.	L	Tax Base Exp.	H	City Master Pl.	
	☑ Rebuild	N/A	O + M Costs	M	Council Goals	M	Timeliness	Road Resurfacing		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to fund routine repair and reconstruction of City streets, including minor alterations to improve safety and flow of traffic.

There are generally two techniques used to improve streets; cold planing and reclaiming. Cold planing and overlaying involves removal of the top 1-2" of existing pavement with a milling machine, followed by the installation of new pavement. Reclaiming involves in-place crushing and recycling of all underlying asphalt and gravel road base, which is then graded and compacted to form the foundation for new pavement.

All streets scheduled for cold plane / overlay or reclamation receive drainage improvements, as might be required to correct existing deficiencies in order to prolong longevity of the roadway.

Crack sealing is also included within this project in order to prolong the longevity of past paving projects.

SERVICE IMPACT: Improved roadway surfaces and drainage infrastructure. Reduced maintenance. Improved drivability / rideability for motorists.

IMPACT IF NOT FUNDED: Deferred maintenance results in increased deterioration of roadway infrastructure, thus necessitating more involved and expensive repairs in the future.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25

Expected Bond Term (in Years) 20

PROJECT: GS-HIGHWAY / UTILITIES #78-Annual Highway Improvement Program

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Highway Reserve	2,013,000	2,658,000	3,250,000	3,400,000	3,400,000	3,550,000	3,550,000	3,550,000	3,550,000	325,000	29,246,000
	Total	2,013,000	2,658,000	3,250,000	3,400,000	3,400,000	3,550,000	3,550,000	3,550,000	3,550,000	325,000	29,246,000

VII. PROJECT FUND DETAIL

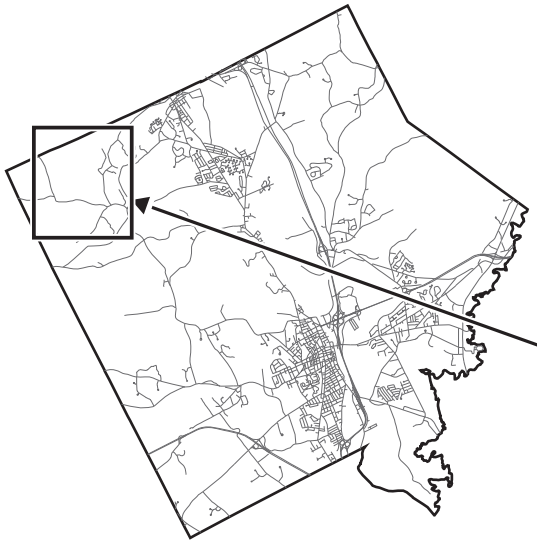
Fiscal Year	Fund Type	Amount	Action
2027	General Highway Reserve	1,703,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets. COLD PLANE/OVERLAY: North Main St; Storrs to Bouton St RECLAIM: Brandy Ln; Full Length Chesterfield Dr; Full Length Middlebury St; Full Length New Castle St; Full Length Pine Acres Rd; Full Length Prescott St; Full Length Rundlett St; Full Length Thomas St; Full Length Wedgewood Dr; Full Length Woodcrest Heights Rd; Full Length Wilson Ave; Norwich St to New Castle St MAINTENANCE OVERLAY: Blackwater Rd; Full Length Horse Hill Rd; Full Length
	General Highway Reserve	100,000	Pavement preservation.
	General Highway Reserve	100,000	Drainage repairs.
	General Highway Reserve	85,000	Sidewalks on the cold plane/overlay and shim overlay:
	General Highway Reserve	25,000	Emergency overlays.
		$2,013,000	2027 Subtotal

PROJECT:		GS-HIGHWAY / UTILITIES	#78-Annual Highway Improvement Program	
2028	General	Highway Reserve	2,028,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets. COLD PLANE/OVERLAY: Bouton St; Full Length D'Amante Dr; Full Length Eastside Dr; Loudon Rd to Sugar Ball N State St; Bouton St to Penacook St Storrs St; Parking Garage to N. Main St RECLAIM: Auburn St; Full Length MAINTENANCE OVERLAY: Warner Rd; Full Length
	General	Highway Reserve	305,000	Sidewalks on the cold plane/overlay and shim overlay:
	General	Highway Reserve	200,000	Pavement preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays.
			$2,658,000	2028 Subtotal
2029	General	Highway Reserve	2,925,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.
	General	Highway Reserve	200,000	Pavement preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays.
			$3,250,000	2029 Subtotal
2030	General	Highway Reserve	3,075,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.
	General	Highway Reserve	200,000	Pavement preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays.
			$3,400,000	2030 Subtotal
2031	General	Highway Reserve	3,075,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.

PROJECT: GS-HIGHWAY / UTILITIES #78-Annual Highway Improvement Program

	General	Highway Reserve	200,000	Pavement preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays.
			$3,400,000	2031 Subtotal
2032	General	Highway Reserve	3,225,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.
	General	Highway Reserve	200,000	Pavement Preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays.
			$3,550,000	2032 Subtotal
2033	General	Highway Reserve	3,225,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.
	General	Highway Reserve	200,000	Pavement Preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays
			$3,550,000	2033 Subtotal
2034	General	Highway Reserve	3,225,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.
	General	Highway Reserve	200,000	Pavement Preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays
			$3,550,000	2034 Subtotal
2035	General	Highway Reserve	3,225,000	Reclaim, cold plane/overlay, & maintenance overlay selected streets.
	General	Highway Reserve	200,000	Pavement Preservation.
	General	Highway Reserve	100,000	Drainage repairs.
	General	Highway Reserve	25,000	Emergency overlays.
			$3,550,000	2035 Subtotal

PROJECT:		GS-HIGHWAY / UTILITIES	#78-Annual Highway Improvement Program
2036	General	Highway Reserve	200,000 Pavement Preservation.
	General	Highway Reserve	100,000 Drainage repairs.
	General	Highway Reserve	25,000 Emergency overlays.
			$325,000 2036 Subtotal
	TOTAL		$29,246,000



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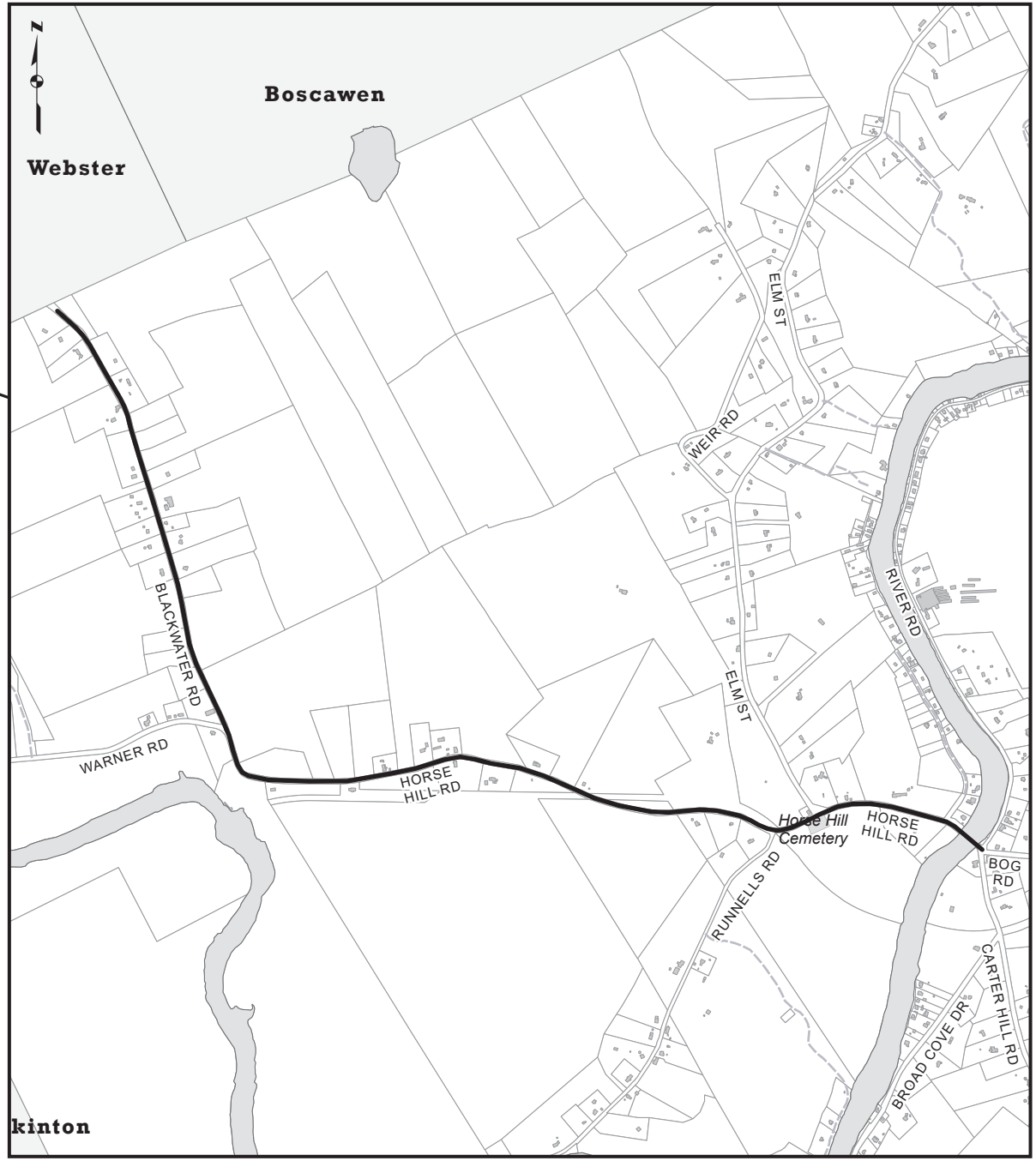
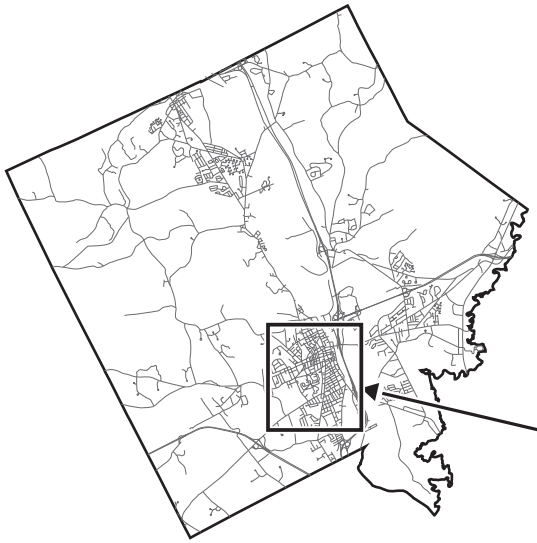
FY 2027
CIP PROJECT #78

ANNUAL HIGHWAY IMPROVEMENT PROGRAM





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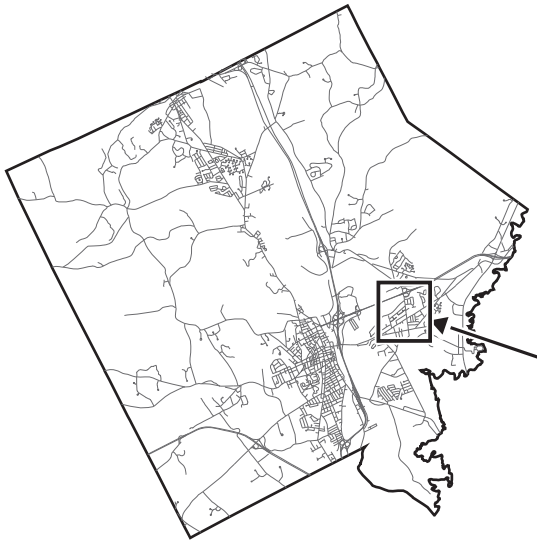
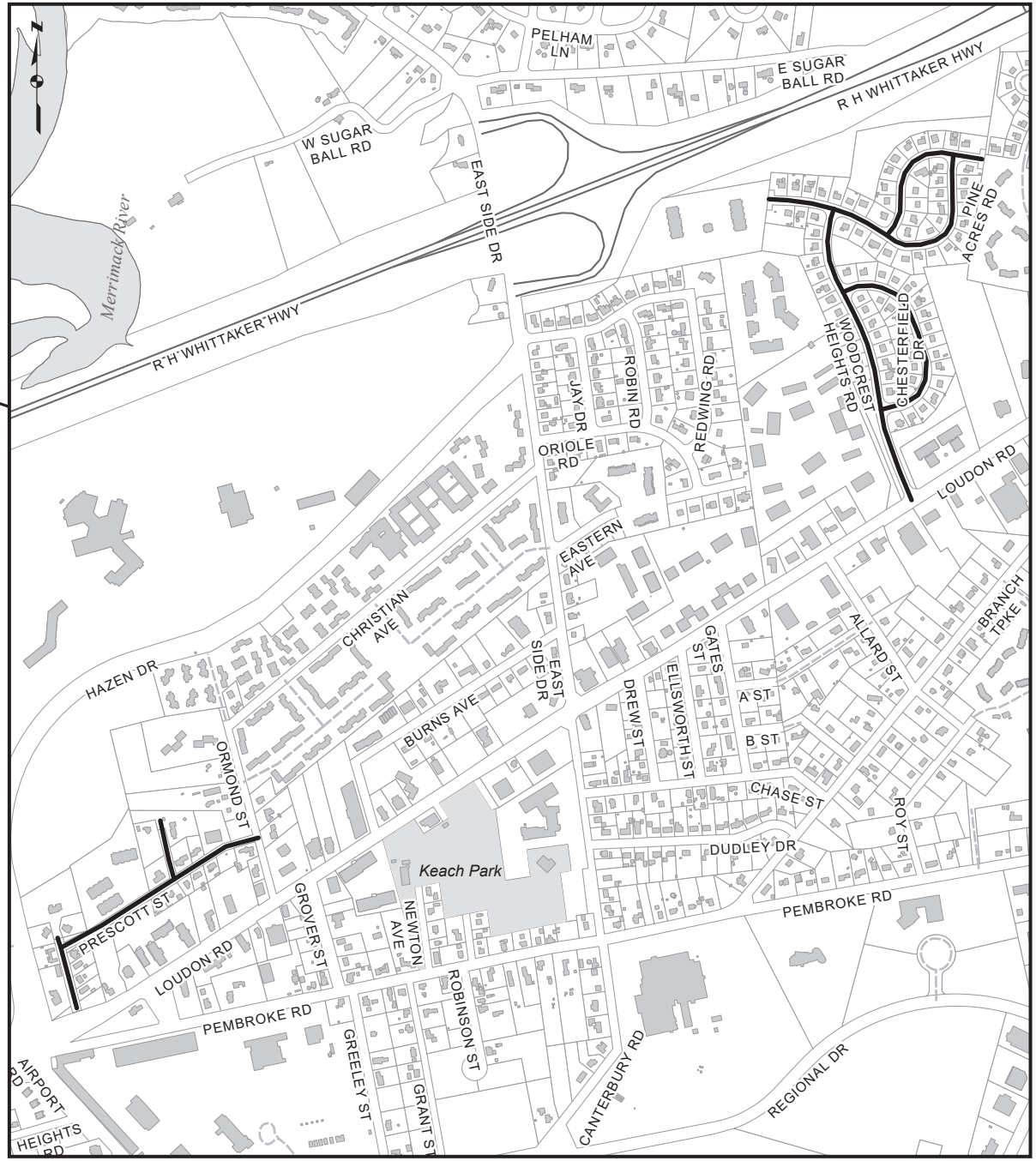
FY 2027
CIP PROJECT #78

ANNUAL HIGHWAY IMPROVEMENT PROGRAM





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FY 2027
CIP PROJECT #78

ANNUAL HIGHWAY IMPROVEMENT PROGRAM

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #83-Storm Water Improvements

I. PROJECT TYPE: Storm Sewer

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity				
	☑ Replace	M	Mandates	H	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.		
	☑ Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Other		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: A City-wide master plan of existing storm drainage facilities was completed and approved by City Council in 2007. The study included a comprehensive field assessment of existing conditions, location surveys and mapping of the entire drainage system/drainage areas in the GIS system. Results of the study are being used to prioritize maintenance activities and provide a plan for storm drainage replacement and/or expansion of the system.

The purpose of this project is to design and construct replacement and significant improvements to the City's storm water drainage system, including the potential to create a dedicated funding source through the development of a storm water enterprise fund.

SERVICE IMPACT: Portions of the City's stormwater system are over 100 years old. Localized flooding can affect property owners and the travelling public. This program provides for long-term prioritization of storm sewer repairs and replacement and evaluation of system capacity to meet the City's stormwater needs.

IMPACT IF NOT FUNDED: Potential for flooding, system failures and impacts to public infrastructure (such as roadways) and private property.

IV PREVIOUS FISCAL YEAR AUTHORIZED: June 1997 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 30 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Close-out	64,785	0	0	0	0	0	0	0	0	0	64,785
General	G.O. Bonds	21,000	250,000	0	0	325,000	950,000	0	0	0	0	1,546,000
	Total	85,785	250,000	0	0	325,000	950,000	0	0	0	0	1,610,785

PROJECT: CD-ENGINEERING SERVICES #83-Storm Water Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	General	Capital Close-out	64,785	Design, permitting and bidding for the replacement for 380 feet of deteriorated 30 inch Corrigated Metal pipe (CM) located betweem Manchester Street and Blackhill Road. (Closeout Portion)
	General	G.O. Bonds	21,000	Design, permitting and bidding for the replacement for 380 feet of deteriorated 30 inch Corrigated Metal pipe (CM) located betweem Manchester Street and Blackhill Road. (Bond Portion)
			$85,785	2027 Subtotal
2028	General	G.O. Bonds	250,000	Construct the replacement for 380 feet of deteriorated 30 inch Corrigated Metal pipe (CM) located betweem Manchester Street and Blackhill Road.
			$250,000	2028 Subtotal
2031	General	G.O. Bonds	325,000	Design, permitting and bidding of the replacement structure for the deteriorated 24 inch x 42 inch granite culvert located near 53 South Curtisville Road.
			$325,000	2031 Subtotal
2032	General	G.O. Bonds	950,000	Construction replacement of the deteriorated 24 inch x 42 inch granite culvert located near 53 South Curtisville Road.
			$950,000	2032 Subtotal
	TOTAL		$1,610,785	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #84-Water Main Cleaning & Lining

I. PROJECT TYPE: Water Distribution System

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	M	Safety	M	Facility Cond.	N/A	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☑	Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness	Water		
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to provide for routine cleaning and lining of potable water mains throughout the City.

SERVICE IMPACT: Routine cleaning and lining helps to maintain water quality, as well as water pressure. Project will also help eliminate leaks.

IMPACT IF NOT FUNDED: Decreased quality of water for users. Higher costs to repair or replace water mains in the future. Potential loss of water due to leaks in systems.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	Capital Close-out	75,966	0	0	0	0	0	0	0	0	0	75,966
Water	G.O. Bonds	0	0	0	0	260,000	500,000	475,000	585,000	0	150,000	1,970,000
	Total	75,966	0	0	0	260,000	500,000	475,000	585,000	0	150,000	2,045,966

PROJECT: CD-ENGINEERING SERVICES #84-Water Main Cleaning & Lining

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	Water	Capital Close-out	75,966	School Street - Addition funds added to FY2025 appropriation due to material cost increases.
			$75,966	2027 Subtotal
2031	Water	G.O. Bonds	260,000	Design and line approximately 1,250 LF of 8" water mains on Orion Street and Valley Road.
			$260,000	2031 Subtotal
2032	Water	G.O. Bonds	500,000	Design and line 1250 LF of 6" and 8" water main on Fernald St, Ormond St, Winthrop St, Fifield St, and Welch St.
			$500,000	2032 Subtotal
2033	Water	G.O. Bonds	475,000	Design and line 2350 LF of 6" water main in Ridge Rd.
			$475,000	2033 Subtotal
2034	Water	G.O. Bonds	585,000	Design and line 2830 LF of 6' and 8" water main in Curtice, Edgemont, Engle, Ferry, Foster, Prospect, Blanchard, N. Essex and Rowel.
			$585,000	2034 Subtotal
2036	Water	G.O. Bonds	150,000	Line approximately 120 LF of 4" on Perkins Court and 600 LF of 6 " on Grant Street.
			$150,000	2036 Subtotal
	TOTAL		$2,045,966	

PROJECT: CD-ENGINEERING SERVICES #85-Water Main Replacement

I. PROJECT TYPE: Water Distribution System

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	L	Safety	H	Facility Cond.	N/A	Productivity				
	☑ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.		
	☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	H	Timeliness	Water			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: This project provides for the routine replacement of undersized or severely deteriorated water mains with new pipe.

SERVICE IMPACT: Routine replacement corrects inadequacies and improves hydraulic configuration of distribution system. Corrects water quality deficiencies when cleaning and lining would be ineffective or of limited value.

IMPACT IF NOT FUNDED: Decreased quality of water for users. Higher costs to repair or replace water mains in the future. Potential loss of water due to leaks in systems.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 90 Expected Bond Term (in Years) 20

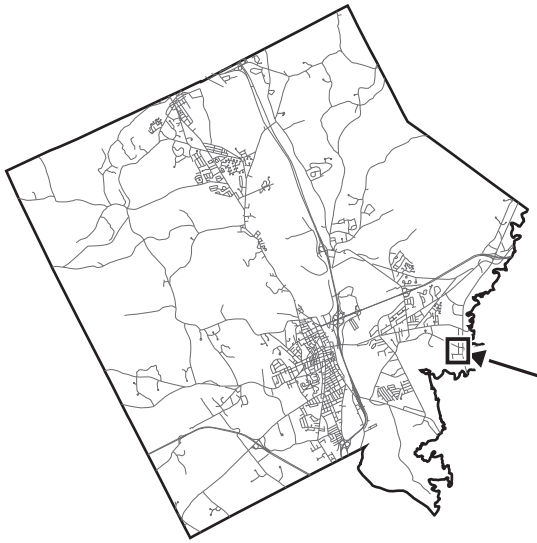
VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	625,000	0	0	150,000	2,000,000	0	0	0	0	0	2,775,000
	Total	625,000	0	0	150,000	2,000,000	0	0	0	0	0	2,775,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Water G.O. Bonds	625,000	Industrial Park Drive from Chennell Dr. southerly 950 - Design and construct 950 feet of 12 inch water main to meet current water flow demands. Replaces the last section of 8 inch main on Industrial Park Drive. Majority of the main will be upgraded in 2026. Estimate includes $100,000 for price inceases from FY26 appropriation.

PROJECT:	CD-ENGINEERING SERVICES		#85-Water Main Replacement
		$625,000	2027 Subtotal
2030	Water G.O. Bonds	150,000	Replace 6" main on Beaver Meadow Drive, upgrade to 8" line
		$150,000	2030 Subtotal
2031	Water G.O. Bonds	2,000,000	Replace 8 inch main on Portsmouth Street (East Side Drive to water tank), as well as undersized/deteriorated mains on Oak Street, B Street and Fuller Street.
		$2,000,000	2031 Subtotal
	TOTAL	$2,775,000	



Disclaimer of Mapping Accuracy
Engineering Services Division
City of Concord, New Hampshire

GEOGRAPHIC INFORMATION SYSTEM

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Not to Scale

FY 2027
CIP PROJECT #85

WATER MAIN
REPLACEMENT

PROJECT: CD-ENGINEERING SERVICES #86-Water Main Construction

I. PROJECT TYPE: Water Distribution System

II. LOCATION: See Attached List

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☑ New	L	Safety	H	Facility Cond.	N/A	Productivity				
	☐ Replace	N/A	Mandates	H	Service Def.	M	Tax Base Exp.	H	City Master Pl.		
	☐ Rebuild	H	O + M Costs	N/A	Council Goals	H	Timeliness		Water		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: This project provides for the construction of new water mains to strengthen the transmission and distribution systems.

SERVICE IMPACT: Improves water quality, increases efficiency of system, and expands the distribution network throughout the City.

IMPACT IF NOT FUNDED: Existing service deficiencies will remain unchanged.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 90 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	1,700,000	0	0	0	0	0	0	0	0	1,700,000
	Total	0	1,700,000	0	0	0	0	0	0	0	0	1,700,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Water G.O. Bonds	1,700,000	Construct 2,700LF of 12 inch main from Black Hill Road and Manchester Street to Garvins Falls Road. Project to be coordinated with CIP #36.
		$1,700,000	2028 Subtotal

PROJECT: CD-ENGINEERING SERVICES #86-Water Main Construction

TOTAL	$1,700,000

PROJECT: GS-WATER #88-Water Plant Improvements

I. PROJECT TYPE: Water Treatment

II. LOCATION: Hutchins Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☑ New	L	Safety	M	Facility Cond.	N/A	Productivity				
	☑ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.		
	☐ Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness	Water			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The project will allow for various equipment improvements as recommended by Phase II of the Water Master Plan completed in 2007.

SERVICE IMPACT: Preserve or improve the reliability and efficiency of Water Treatment Plant and associated equipment.

IMPACT IF NOT FUNDED: It is becoming increasing difficult to find replacement parts for obsolete equipment. Consequently, equipment failures could result in significant or prolonged service interruptions. Limited pumping capacity will cause continuation of inefficient operating configurations that may not meet forecasted demand.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	Capital Close-out	228,162	0	0	0	0	0	0	0	0	0	228,162
Water	Capital Transfer	0	0	0	0	0	0	25,000	0	0	0	25,000
Water	G.O. Bonds	400,000	400,000	0	800,000	1,025,000	120,000	150,000	300,000	400,000	0	3,595,000
	Total	628,162	400,000	0	800,000	1,025,000	120,000	175,000	300,000	400,000	0	3,848,162

PROJECT: GS-WATER #88-Water Plant Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Water G.O. Bonds	400,000	Filter and underdrain improvements.
	Water Capital Close-out	228,162	Maintenance Shop (formerly PS 4) Phase 2
		$628,162	2027 Subtotal
2028	Water G.O. Bonds	400,000	Filter and underdrain improvements.
		$400,000	2028 Subtotal
2030	Water G.O. Bonds	800,000	Plant filter re-build.
		$800,000	2030 Subtotal
2031	Water G.O. Bonds	500,000	Rebuilding of treatment trains (concrete improvements).
	Water G.O. Bonds	200,000	Rebuild plant filter.
	Water G.O. Bonds	175,000	Plant roof rehabilitation.
	Water G.O. Bonds	150,000	Warehouse building improvements (roof, walls, and storage areas).
		$1,025,000	2031 Subtotal
2032	Water G.O. Bonds	120,000	Flooring replacement.
		$120,000	2032 Subtotal
2033	Water G.O. Bonds	150,000	Check valve replacement raw water pumps - three units.
	Water Capital Transfer	25,000	Raw water meter replacement.
		$175,000	2033 Subtotal
2034	Water G.O. Bonds	200,000	Backwash pumps repair / replacement
	Water G.O. Bonds	100,000	Process water pump skid replacement
		$300,000	2034 Subtotal

PROJECT: GS-WATER #88-Water Plant Improvements

2035	Water	G.O. Bonds	400,000	Replace four influent filter valves and four air scour valves.
			$400,000	2035 Subtotal
	TOTAL		$3,848,162	

PROJECT: CD-ENGINEERING SERVICES #91-Sewer Main Rehabilitation and Construction

I. PROJECT TYPE: Sewer Collection

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	N/A	Safety	M	Facility Cond.	N/A	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	L	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness	Sewer		

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

DESCRIPTION: The purpose of this project is to line or replace sewer mains, which are in poor condition. This project also includes maintenance of the sewer interceptors access roads.

SERVICE IMPACT: Reduced maintenance and improved service.

IMPACT IF NOT FUNDED: Continued deterioration of sewer system will result in escalated maintenance costs, potential health and safety liabilities, as well as more expensive permanent repairs in the future.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2024 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Sewer	G.O. Bonds	0	0	0	1,300,000	0	0	1,000,000	0	1,900,000	0	4,200,000
Sewer	Capital Transfer	0	40,000	0	40,000	90,000	40,000	0	40,000	0	40,000	290,000
	Total	0	40,000	0	1,340,000	90,000	40,000	1,000,000	40,000	1,900,000	40,000	4,490,000

PROJECT: CD-ENGINEERING SERVICES #91-Sewer Main Rehabilitation and Construction

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Sewer Capital Transfer	40,000	Interceptor Access Road Maintenance.
		$40,000	2028 Subtotal
2030	Sewer G.O. Bonds	1,300,000	Sewer Main Lining / Replacement per Wright-Pierce Collection System Priority Study.
	Sewer Capital Transfer	40,000	Interceptor Access Road Maintenance.
		$1,340,000	2030 Subtotal
2031	Sewer Capital Transfer	90,000	Replace 225 feet of 8 inch main on B Street.
		$90,000	2031 Subtotal
2032	Sewer Capital Transfer	40,000	Interceptor Access Road Maintenance.
		$40,000	2032 Subtotal
2033	Sewer G.O. Bonds	1,000,000	Sewer Main Lining / Replacement per Wright-Pierce Collection System Priority Study.
		$1,000,000	2033 Subtotal
2034	Sewer Capital Transfer	40,000	Interceptor Access Road Maintenance.
		$40,000	2034 Subtotal
2035	Sewer G.O. Bonds	1,900,000	Sewer Main Lining / Replacement per Wright-Pierce Collection System Priority Study.
		$1,900,000	2035 Subtotal
2036	Sewer Capital Transfer	40,000	Interceptor Access Road Maintenance.
		$40,000	2036 Subtotal
	TOTAL	$4,490,000	

PROJECT: GS-SEWER #104-Hall Street Waste Water Treatment Plant Improvements

I. PROJECT TYPE: Sewer Treatment

II. LOCATION: 125 Hall Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
☑	New	M	Safety	H	Facility Cond.	N/A	Productivity				
☑	Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.		
☑	Rebuild	L	O + M Costs	N/A	Council Goals	H	Timeliness	Sewer			
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to implement a variety of improvements as recommended in the 2014 evaluation of the City's Wastewater Treatment Facilities. Projects included within this CIP address code and safety issues, as well as immediate and long-term capital needs.

SERVICE IMPACT: Provides planned upgrade and renovation of existing infrastructure to provide short-term and long-term reliability, meet code and regulation modifications established since the plant was built, and improve overall efficiency.

IMPACT IF NOT FUNDED: Potential for increased operating and maintenance costs over time; potential for costly emergency repairs or replacements as outdated components fail; potential compliance issues with applicable codes and regulations.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 15

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Sewer	Capital Close-out	335,478	0	0	0	0	0	0	0	0	0	335,478
Sewer	G.O. Bonds	1,710,000	25,000	27,025,000	7,225,000	150,000	5,200,000	1,400,000	0	13,100,000	0	55,835,000
	Total	2,045,478	25,000	27,025,000	7,225,000	150,000	5,200,000	1,400,000	0	13,100,000	0	56,170,478

PROJECT: GS-SEWER #104-Hall Street Waste Water Treatment Plant Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Sewer G.O. Bonds	1,500,000	Process Upgrades Final Design
	Sewer Capital Close-out	320,925	SCADA system upgrades
	Sewer G.O. Bonds	200,000	Replace roof on Admin Gravity Belt Thickener (AGBT) room with EDPM membrane roof system.
	Sewer Capital Close-out	14,553	Structural concrete coatings, including process equipment and related piping corrosion protection coatings. (Closeout portion)
	Sewer G.O. Bonds	10,000	Structural concrete coatings, including process equipment and related piping corrosion protection coatings. (Bond portion)
		$2,045,478	2027 Subtotal
2028	Sewer G.O. Bonds	25,000	Structural concrete coatings, including process equipment and related piping corrosion protection coatings.
		$25,000	2028 Subtotal
2029	Sewer G.O. Bonds	27,000,000	Process Upgrades Construction and Construction Administration: to include new extended aeration tankage, new aeration blowers, new process pumps, upgraded alkalinity addition system, intermediate building improvements, and demolition of existing bio-towers.
	Sewer G.O. Bonds	25,000	Structural concrete coatings, including process equipment and related piping corrosion protection coatings.
		$27,025,000	2029 Subtotal
2030	Sewer G.O. Bonds	7,200,000	Replacement of sludge dewatering equipment and sludge conveyors.
	Sewer G.O. Bonds	25,000	Structural coatings for chlorine building ceiling beams.
		$7,225,000	2030 Subtotal
2031	Sewer G.O. Bonds	150,000	Motor Control Center Testing
		$150,000	2031 Subtotal
2032	Sewer G.O. Bonds	5,200,000	Grit removal equipment replacement.
		$5,200,000	2032 Subtotal

PROJECT: GS-SEWER #104-Hall Street Waste Water Treatment Plant Improvements

2033	Sewer G.O. Bonds	1,000,000	Administration building roof replacement.
	Sewer G.O. Bonds	400,000	Primary sludge pump replacement.
		$1,400,000	2033 Subtotal
2035	Sewer G.O. Bonds	5,200,000	Equipment Replacement - Motor Control Center
	Sewer G.O. Bonds	3,700,000	Influent bar rack and wash press replacement.
	Sewer G.O. Bonds	2,400,000	Plant water piping replacement.
	Sewer G.O. Bonds	1,500,000	Repave facility roadways.
	Sewer G.O. Bonds	300,000	Solar Field Expansion
		$13,100,000	2035 Subtotal
	TOTAL	$56,170,478	

PROJECT: REC-GROUNDS #107-Golf Course Club House and Maintenance Buildings

I. PROJECT TYPE: Golf

II. LOCATION: Beaver Meadow Golf Course

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	L	Safety	M	Facility Cond.	H	Productivity			
	☑ Replace	N/A	Mandates	M	Service Def.	L	Tax Base Exp.	M	City Master Pl.	
	☑ Rebuild	M	O + M Costs	L	Council Goals	M	Timeliness		Parks	

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

DESCRIPTION: The purpose of this project is to maintain buildings at the Beaver Meadow Golf Course. Building facilities include the Clubhouse (Pro Shop, Restaurant, and related amenities), the Maintenance Facility, as well as the Cart Storage Building and Irrigation Pump House. Funding is contingent upon sufficient net operating revenues within the Golf Enterprise Fund to support capital investments, or financial support from the City's General Fund.

SERVICE IMPACT: Routine investment in the golf course will preserve and improve the quality of the course thereby maintaining customer satisfaction and market share.

IMPACT IF NOT FUNDED: Without routine investments, the facility will deteriorate resulting in loss of market share, as well as more expensive repairs and renovations in the future.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Golf	G.O. Bonds	50,000	0	35,000	250,000	0	35,000	50,000	0	0	50,000	470,000
	Total	50,000	0	35,000	250,000	0	35,000	50,000	0	0	50,000	470,000

PROJECT: REC-GROUNDS #107-Golf Course Club House and Maintenance Buildings

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Golf G.O. Bonds	50,000	Replace Event Tent Flooring
		$50,000	2027 Subtotal
2029	Golf G.O. Bonds	35,000	Range Shed Building Updates
		$35,000	2029 Subtotal
2030	Golf G.O. Bonds	250,000	Maintenance Barn Updates to include new Chemical Storage
		$250,000	2030 Subtotal
2032	Golf G.O. Bonds	35,000	Pump House Updates
		$35,000	2032 Subtotal
2033	Golf G.O. Bonds	50,000	Tent Shell replacement
		$50,000	2033 Subtotal
2036	Golf G.O. Bonds	50,000	Cart charging corral updates
		$50,000	2036 Subtotal
	TOTAL	$470,000	

PROJECT: GS-WATER #114-Penacook Lake Dam and Spillway Rehabilitation

I. PROJECT TYPE: Water Treatment

II. LOCATION: 53 Hutchins Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:												
	☐ New	M	Safety	M	Facility Cond.	N/A	Productivity					
	☐ Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.			
	☑ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness	Water				
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis											

DESCRIPTION: The purpose of this project is to make routine repairs and improvements to the Penacook Lake dam, associated spillway, and related infrastructure. The dam provides retention for Penacook Lake, the City's primary source of potable water for the municipal water system.

SERVICE IMPACT: Routine repairs will preserve the dam and related facilities, thereby maintaining and protecting the City's primary water supply, as well as downstream properties.

IMPACT IF NOT FUNDED: Unmitigated deterioration of the dam and related infrastructure could negatively impact the City's ability to use Penacook Lake to supply the potable water system. Structural failure of the dam could negatively impact downstream properties.

IV PREVIOUS FISCAL YEAR AUTHORIZED:

PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50

Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	0	0	0	0	0	75,000	0	0	0	75,000
Other	Federal	0	2,500,000	0	0	0	0	0	0	0	0	2,500,000
	Total	0	2,500,000	0	0	0	0	75,000	0	0	0	2,575,000

PROJECT: GS-WATER #114-Penacook Lake Dam and Spillway Rehabilitation

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Other Federal	2,500,000	Rebuild Penacook Lake spillway.
		$2,500,000	2028 Subtotal
2033	Water G.O. Bonds	75,000	Rehabilitation/repairs of dam and spillway.
		$75,000	2033 Subtotal
	TOTAL	$2,575,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-HIGHWAY / UTILITIES #121-Vehicle & Equipment Replacement Program

I. PROJECT TYPE: GSD Vehicles

II. LOCATION: City-wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	N/A	Facility Cond.	L	Productivity			
	☑ Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☐ Rebuild	N/A	O + M Costs	L	Council Goals	M	Timeliness	Motor Vehicle Equipment		

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

DESCRIPTION: This project establishes a long-range replacement plan for City Highway/Utilities, Water Treatment Plant, Waste Water Treatment Plants, as well as Parks and Recreation Department vehicles and heavy equipment. Vehicle and equipment replacement for the Police and Fire Departments are addressed through other capital improvement program projects, or the annual operating budget. Routine replacement of vehicles and equipment will minimize potential service interruptions due to break downs / failures and provides for cost savings through economies of scale which are made possible from multiple vehicle procurement where applicable. Restructuring of the fleet to a more efficient blend of vehicles will coincide with vehicle replacement.

SERVICE IMPACT: Establishes long range replacement plan that improves service with more reliable vehicles, lower costs due to multi-vehicle procurements and maintenance support. Supports appropriate reassignment of some serviceable vehicles to less critical tasks instead of replacement.

IMPACT IF NOT FUNDED: Failure to routinely replace vehicles and equipment at the end of their useful life will result in higher maintenance and repair costs, increased down time associated with equipment failures, as well as less efficient operations.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	1,705,000	1,746,000	1,527,000	1,874,000	1,394,000	1,864,000	2,033,000	2,646,000	2,130,000	1,937,000	18,856,000
Sewer	G.O. Bonds	190,000	130,000	280,000	347,000	257,000	415,000	525,000	25,000	417,000	417,000	3,003,000
Water	G.O. Bonds	0	254,000	304,000	82,000	442,000	275,000	120,000	323,000	218,000	195,000	2,213,000
	Total	1,895,000	2,130,000	2,111,000	2,303,000	2,093,000	2,554,000	2,678,000	2,994,000	2,765,000	2,549,000	24,072,000

PROJECT: GS-HIGHWAY / UTILITIES #121-Vehicle & Equipment Replacement Program

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	385,000	Replace Grader John Deere (Unit #1310)
	General G.O. Bonds	238,000	Replace Sidewalk Tractor Unit #1368
	General G.O. Bonds	220,000	Replace snow blower unit #004
	Sewer G.O. Bonds	190,000	Replace Ford F-550 Platform body 4x2 (Unit # 136)
	General G.O. Bonds	135,000	Replace Ford F550/Utility Body Unit #905
	General G.O. Bonds	131,000	Replace 4x2 Super Cab Pickup ENG. (UNIT #461 and #462)
	General G.O. Bonds	122,000	Replace Ford F350 (Unit #907)
	General G.O. Bonds	88,000	Replace Ford F-450 Unit #659
	General G.O. Bonds	88,000	Replace Ford F-350 Utility 4x4 (Unit #1111)
	General G.O. Bonds	82,000	Replace 4x2 Pickup Unit #908
	General G.O. Bonds	82,000	Asphalt Hauler Unit #60
	General G.O. Bonds	66,000	New Engineering vehicle #469
	General G.O. Bonds	48,000	Replace 2 SS Sanders Unit #1235SS & #1236SS
	General G.O. Bonds	20,000	Replace Utility Trailer Unit #1402
		$1,895,000	2027 Subtotal
2028	General G.O. Bonds	345,000	Replace Case Loader Unit #1302
	General G.O. Bonds	285,000	Replace Street Sweeper Unit #1391
	General G.O. Bonds	245,000	Replace Backhoe (Unit #1344)
	General G.O. Bonds	130,000	Replace Two (2) F-250 4x4 PU Unit #657 & 658
	General G.O. Bonds	128,000	Tool Cat #1369
	Water G.O. Bonds	105,000	Replace Ford F-550 4WD Dump/Plow Unit #829
	General G.O. Bonds	104,000	Replace 4x4 pickup/dump #1112
	General G.O. Bonds	92,000	ODB Leaf Loader #1377
	General G.O. Bonds	90,000	Replace John Deere Tractor #665

PROJECT: GS-HIGHWAY / UTILITIES #121-Vehicle & Equipment Replacement Program

	General G.O. Bonds	78,000	Replace F-350 Crew Cab 4x4 Unit #603
	General G.O. Bonds	78,000	Replace F-350 PU 4x4 Unit #604
	Water G.O. Bonds	75,000	Replace Vac-Tron Trailer Unit #828
	Water G.O. Bonds	74,000	F250 4X4 PU #880
	Sewer G.O. Bonds	72,000	Replace 4x4 pick-up truck F250 (2018) units #757
	General G.O. Bonds	68,000	Replace OBD Leaf Blower Trailer (Unit #1365LL)
	General G.O. Bonds	65,000	Replace Super Cab Pickup (Unit #463)
	Sewer G.O. Bonds	58,000	Replace SUV Edge Unit #756
	General G.O. Bonds	20,000	Replace trailer #1401
	General G.O. Bonds	18,000	Mid-Atlantic Trailer Unit #1403
		$2,130,000	2028 Subtotal
2029	General G.O. Bonds	580,000	Replace four Ford F-550 4x4 Pickup Units #1114, 1115, 1116 & 1117
	Sewer G.O. Bonds	255,000	Replace 6 Wheel Dump Unit #705
	General G.O. Bonds	245,000	Replace Backhoe (Unit #1345)
	General G.O. Bonds	210,000	Replace Backhoe Loader #617
	General G.O. Bonds	149,000	Replace two Trackless Leaf Loader Unit # 1366LL & 1367LL
	Water G.O. Bonds	136,000	Replace two Ford F-150 4x2 PU Unit #806, 807
	General G.O. Bonds	105,000	Replace 4x2 Crew cab PU Unit #909
	General G.O. Bonds	104,000	Replace skid-steer Unit #1363
	Water G.O. Bonds	72,000	Replace Ford F-150 4x2 PU Unit #873
	General G.O. Bonds	72,000	4x2 Pickup PU2WDG #908
	Water G.O. Bonds	68,000	Replace Air Compressor Unit #630
	General G.O. Bonds	62,000	Replace Tow Behind Sweeper Unit #1390
	Water G.O. Bonds	28,000	Replace Genesis Boat Trailer Unit #879
	Sewer G.O. Bonds	25,000	Replace Box Trailer Unit # 722
		$2,111,000	2029 Subtotal

PROJECT:	GS-HIGHWAY / UTILITIES		#121-Vehicle & Equipment Replacement Program
2030	General G.O. Bonds	325,000	6 Wheel 4x4 Bucket Truck Unit #675
	General G.O. Bonds	265,000	6 Wheel Dump Trucks #1239
	General G.O. Bonds	265,000	Replace 6 Wheel Dump Truck Unit #1240
	Sewer G.O. Bonds	245,000	Replace Case Backhoe Unit #726
	General G.O. Bonds	245,000	Replace Backhoe Unit #1346
	General G.O. Bonds	220,000	Replace Two (2) skid-steer Unit #1371 and 1364
	General G.O. Bonds	161,000	Replace two F-250 4x4 PU Unit #660 and 661
	General G.O. Bonds	145,000	Replace Golf Tractor Unit #677
	General G.O. Bonds	115,000	Replace Ford F-450 4x4 Dump Unit #605
	Sewer G.O. Bonds	102,000	Replace F-550 4x2 Pickup Unit #136
	General G.O. Bonds	95,000	Replace Ford F-350 Unit #909
	Water G.O. Bonds	64,000	Replace 4x2 Supercab PU Unit#808
	General G.O. Bonds	38,000	Replace Welder Unit #398
	Water G.O. Bonds	18,000	Replace Utility Trailer Unit #878
		$2,303,000	2030 Subtotal
2031	General G.O. Bonds	570,000	Replace Two 6 Wheel Dump Trucks #1241 and #1242
	General G.O. Bonds	220,000	Replace Sicard Snow Blower unit #1375
	General G.O. Bonds	220,000	Replace RPM Snow Blower Unit #2
	Sewer G.O. Bonds	135,000	Replace Wheel Loader Unit #758
	General G.O. Bonds	126,000	4x4 Dump Truck Unit #1113
	General G.O. Bonds	90,000	Replace Wheel Loader Unit #913
	Sewer G.O. Bonds	86,000	Replace Wheel Loader Unit #762
	Water G.O. Bonds	68,000	Replace Ford F-150 Extra Cab (2wd) Unit #809
	General G.O. Bonds	60,000	Replace 4x4 Supercab PU Unit #464
	General G.O. Bonds	60,000	Replace Utility Van Unit #911
	Water G.O. Bonds	49,000	Replace Ford Edge AWD #810
	General G.O. Bonds	48,000	Replace 4x2 Supercab PU Unit #463

PROJECT:	GS-HIGHWAY / UTILITIES	#121-Vehicle & Equipment Replacement Program	
	Sewer G.O. Bonds	36,000	Replace Tow behind Compressor Unit #725
	Water G.O. Bonds	325,000	Replace 6 Wheel In-body/Dump 102CA #1245
		$2,093,000	2031 Subtotal
2032	General G.O. Bonds	490,000	Replace Two Sidewalk Tractors Unit #1379 & #1380
	General G.O. Bonds	285,000	Replace International HV507 (Unit # 1245)
	General G.O. Bonds	285,000	Replace 6 Wheel Dump Truck #1244
	General G.O. Bonds	245,000	Replace Sidewalk Tractor Unit #1384
	General G.O. Bonds	240,000	Replace 2 skid-steer loaders Units #1381 & #1382
	Sewer G.O. Bonds	210,000	Replace Case Loader Backhoe #726
	Sewer G.O. Bonds	205,000	Replace Cut-Away Van (Camera) #715
	Water G.O. Bonds	165,000	Replace Mini Excavator #831
	General G.O. Bonds	92,000	4x4 Supercab PU Unit #1119
	Water G.O. Bonds	74,000	Replace 4x4 Pickup Ext Cab (#811)
	General G.O. Bonds	65,000	Replace 4 Ton Asphalt Hauler Unit #1408
	General G.O. Bonds	48,000	Replace 20 Ton Trailer #1308
	General G.O. Bonds	45,000	Replace Cam Deck over 20 Ton Tri #1304
	Water G.O. Bonds	36,000	Replace 10 Ton Trailer #832
	General G.O. Bonds	25,000	Replace Utility Trailer Unit #1307
	General G.O. Bonds	24,000	Replace Stnless 11CY Sander Unit #1230SS
	General G.O. Bonds	20,000	Replace Utility Trailer Unit #1305
		$2,554,000	2032 Subtotal
2033	General G.O. Bonds	355,000	Replace Wheel Loader Unit #1306
	Sewer G.O. Bonds	330,000	Replace 10 Wheeler Sludge Hauler Unit #759
	General G.O. Bonds	295,000	Replace International 25k Dump #1246
	General G.O. Bonds	290,000	Replace 6 Wheel Dump Truck Unit #1247
	General G.O. Bonds	290,000	Replace 6 Wheel Dump Truck #1248

PROJECT:	GS-HIGHWAY / UTILITIES	#121-Vehicle & Equipment Replacement Program	
	Sewer G.O. Bonds	195,000	Replace 6 Wheel Dump Truck Unit #761
	General G.O. Bonds	130,000	Replace 4x4 Utility Truck Unit #1120
	Water G.O. Bonds	120,000	Replace Utility Tractor Unit #881
	General G.O. Bonds	120,000	Replace Leaf Loader Unit #1378
	General G.O. Bonds	94,000	Replace Chipper Unit #668
	General G.O. Bonds	92,000	Replace F-450 Dump 4wd Unit #901
	General G.O. Bonds	82,000	Replace 4x2 Supercab PU Unit #1110
	General G.O. Bonds	70,000	Replace 2 Sign Boards Solar Unit # 449 and #450
	General G.O. Bonds	64,000	Replace 4x4 Supercab PU Unit #910
	General G.O. Bonds	44,000	Replace 2 SS 6CY sanders Unit # 1231SS and #1232SS
	General G.O. Bonds	36,000	Replace Trailer 2 Axle Unit #1406
	General G.O. Bonds	26,000	Replace SS 11Cy sander Unit #1235SS
	General G.O. Bonds	25,000	Replace Low Floor Tilt Top Trailer Unit #186
	General G.O. Bonds	20,000	Replace 5 Ton Trailer Unit #64
		$2,678,000	2033 Subtotal
2034	General G.O. Bonds	648,000	Replace 4 Ford F-550 Pickups Unit # 1114, #1115, #1116 and #1117
	General G.O. Bonds	365,000	Replace Case Loader (Unit #1306)
	General G.O. Bonds	295,000	Replace Ford F-550 Dump 4x4 Unit #1250
	General G.O. Bonds	295,000	Replace 6 Wheel Dump Truck (Unit #1249)
	General G.O. Bonds	215,000	Replace New Sicard Unit #1375
	General G.O. Bonds	210,000	Replace Backhoe Loader Unit #617
	Water G.O. Bonds	206,000	Replace Service Truck Unit #834
	General G.O. Bonds	115,000	Replace John Deer Mower Unit #673
	General G.O. Bonds	107,000	Replace Skid steer Unit #1363
	General G.O. Bonds	105,000	Replace Pickup F-450 4x4 Unit #659
	Water G.O. Bonds	82,000	Replace 4x2 Supercab PU Unit #833
	General G.O. Bonds	80,000	Replace Utility Van Unit #467

PROJECT:	GS-HIGHWAY / UTILITIES	#121-Vehicle & Equipment Replacement Program	
	General G.O. Bonds	76,000	Replace Tow Behind Sweeper Unit #1390
	General G.O. Bonds	75,000	Replace 4x4 super cab Pickup Unit #915
	General G.O. Bonds	60,000	Replace Utility Van Unit #606
	Water G.O. Bonds	35,000	Replace Genesis Boat Trailer (Unit #879)
	Sewer G.O. Bonds	25,000	Replace Box Trailer Unit #722
		$2,994,000	2034 Subtotal
2035	General G.O. Bonds	590,000	Replace two 6 Wheel Dump Trucks Unit #1253 & 1254
	Sewer G.O. Bonds	417,000	Replace Septic Vactor Unit #714
	General G.O. Bonds	325,000	Replace 10 Wheeler Dump Truck Unit #1252
	General G.O. Bonds	300,000	Replace Wheel Loader Unit #1302
	General G.O. Bonds	295,000	Replace 6 WHL Dump Truck Unit #1251
	General G.O. Bonds	260,000	Replace Sidewalk Tractor Unit #1386
	General G.O. Bonds	86,000	Replace Skidsteer Unit #1387
	Water G.O. Bonds	80,000	Replace 4x4 Supercab PU Unit #835
	Water G.O. Bonds	80,000	Replace 4x4 Supercab PU Unit #882
	General G.O. Bonds	80,000	Replace Grapple Trailer Unit #1312
	General G.O. Bonds	75,000	Replace 4x4 Supercab PU Unit #662
	General G.O. Bonds	74,000	Replace 4x2 Supercab PU Unit #468
	Water G.O. Bonds	58,000	Replace 4x2 Supercab PU Unit #807
	General G.O. Bonds	45,000	Replace Tow Behind Air Comp Unit #454
		$2,765,000	2035 Subtotal
2036	General G.O. Bonds	350,000	Replace 10 WHL Dump Truck Unit #1257
	General G.O. Bonds	350,000	Replace 10 WHL Dump Truck Unit #1256
	Sewer G.O. Bonds	295,000	Replace Service Truck Unit #760
	General G.O. Bonds	225,000	Replace Impeller Blower Unit #1376
	General G.O. Bonds	180,000	Replace Two 4x2 Crew cab Utility Units #1122 & #1124

PROJECT: GS-HIGHWAY / UTILITIES #121-Vehicle & Equipment Replacement Program

General	G.O. Bonds	145,000	Replace Lawn Tractor Unit #676
General	G.O. Bonds	145,000	Replace Loader Boom Mower Unit #1313
General	G.O. Bonds	145,000	Replace Utility Tractor Unit #1372
General	G.O. Bonds	118,000	Replace 4x4 Dump Truck Unit #1121
Water	G.O. Bonds	92,000	Replace Utility Van Unit #812
Sewer	G.O. Bonds	87,000	Replace 4x2 Supercab PU Unit #716
General	G.O. Bonds	74,000	Replace 4x2 Supercab PU Unit #461
Water	G.O. Bonds	68,000	Replace 4x2 Supercab PU Unit #808
General	G.O. Bonds	60,000	Replace Utility Van Unit #911
General	G.O. Bonds	55,000	Mobile Truck Lift 72K
General	G.O. Bonds	50,000	Replace Tow Behind Air Comp Unit #631
General	G.O. Bonds	40,000	Replace Fork Lift Unit #150
Water	G.O. Bonds	35,000	Mobile Truck Lift 72K
Sewer	G.O. Bonds	35,000	Mobile Truck Lift 72K
		$2,549,000	2036 Subtotal

TOTAL $24,072,000

PROJECT: GS-WATER #124-Water System SCADA Improvements

I. PROJECT TYPE: Water Treatment

II. LOCATION: 53 Hutchins St. and pump stations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑ New	L	Safety	N/A	Facility Cond.	M	Productivity			
☐ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness			

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

DESCRIPTION: The purpose of this project is to provide for routine replacement and upgrading of the Supervisory, Control and Data Acquisition (SCADA) software system. First implemented in 2005, SCADA assists with monitoring and operating equipment at the Water Treatment Plant, as well as water tanks and remote pump stations.

SERVICE IMPACT: SCADA preserves and improves operational efficiencies by monitoring and controlling all facilities from a central station. The system allows for collection of historical data, which can be analyzed to improve and adjust operations based upon changing conditions.

IMPACT IF NOT FUNDED: Continuation of current system with only partial and uncoordinated implementation. Reliance on manual operations and manual input of all information will continue. The existing data collection system is proprietary and will not convert to an industry standard SCADA system.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	Capital Transfer	30,000	30,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	320,000
	Total	30,000	30,000	30,000	30,000	30,000	30,000	35,000	35,000	35,000	35,000	320,000

PROJECT: GS-WATER #124-Water System SCADA Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Water Capital Transfer	30,000	SCADA equipment and software updates.
		$30,000	2027 Subtotal
2028	Water Capital Transfer	30,000	SCADA equipment and software updates.
		$30,000	2028 Subtotal
2029	Water Capital Transfer	30,000	SCADA equipment and upgrades.
		$30,000	2029 Subtotal
2030	Water Capital Transfer	30,000	SCADA equipment and software updates.
		$30,000	2030 Subtotal
2031	Water Capital Transfer	30,000	SCADA equipment and software updates.
		$30,000	2031 Subtotal
2032	Water Capital Transfer	30,000	SCADA equipment and software updates.
		$30,000	2032 Subtotal
2033	Water Capital Transfer	35,000	SCADA equipment and software updates.
		$35,000	2033 Subtotal
2034	Water Capital Transfer	35,000	SCADA equipment and software updates.
		$35,000	2034 Subtotal
2035	Water Capital Transfer	35,000	SCADA equipment and software updates.
		$35,000	2035 Subtotal

PROJECT:		GS-WATER	#124-Water System SCADA Improvements		
2036	Water	Capital Transfer	35,000	SCADA equipment and software updates.	
			$35,000	2036 Subtotal	
	TOTAL		$320,000		

PROJECT: REC-GROUNDS #235-Golf Course Grounds Improvements

I. PROJECT TYPE: Golf

II. LOCATION: Beaver Meadow Golf Course

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐ New	L	Safety	L	Facility Cond.	L	Productivity			
☐ Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☑ Rebuild	N/A	O + M Costs	N/A	Council Goals	L	Timeliness			

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

DESCRIPTION: The purpose of this project it is make routine investments to preserve and improve the grounds at the golf course. Improvements typically consist of greens rehabilitation, tee renovations, resurfacing of golf cart paths, irrigation improvements, and improvements to fairways.

SERVICE IMPACT: Routine investments maintain the quality of the course and player satisfaction, thereby preserving market share and financial viability of the course.

IMPACT IF NOT FUNDED: Course conditions and player satisfaction will deteriorate, resulting in loss of market share and potential threat to the long-term viability of the facility.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Golf	G.O. Bonds	50,000	35,000	260,000	50,000	35,000	50,000	50,000	100,000	150,000	60,000	840,000
	Total	50,000	35,000	260,000	50,000	35,000	50,000	50,000	100,000	150,000	60,000	840,000

PROJECT: REC-GROUNDS #235-Golf Course Grounds Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Golf G.O. Bonds	50,000	Driving Range Upgrade
		$50,000	2027 Subtotal
2028	Golf G.O. Bonds	35,000	In House Restoration of Existing Bunkers
		$35,000	2028 Subtotal
2029	Golf G.O. Bonds	150,000	Rebuild the 16th Green Complex
	Golf G.O. Bonds	110,000	Renovate Bunker and Move Cart Path on Hole 14 to Reduce Cart Path Closures and Improve Green Surround
		$260,000	2029 Subtotal
2030	Golf G.O. Bonds	50,000	Cart Path Improvements Including Drainage Hole 15
		$50,000	2030 Subtotal
2031	Golf G.O. Bonds	35,000	Continuation of In-House Bunker Renovation
		$35,000	2031 Subtotal
2032	Golf G.O. Bonds	50,000	Cart Path Improvement Including Drainage Hole 10/11
		$50,000	2032 Subtotal
2033	Golf G.O. Bonds	50,000	Drainage improvements 15 & 16
		$50,000	2033 Subtotal
2034	Golf G.O. Bonds	100,000	Expand Practice Green and Add Practice Chipping Area
		$100,000	2034 Subtotal
2035	Golf G.O. Bonds	150,000	Rebuild and Move 9th Green

PROJECT:	REC-GROUNDS	#235-Golf Course Grounds Improvements		
			$150,000	2035 Subtotal
2036	Golf G.O. Bonds		60,000	Enlarge Tee Area on Hole 6
			$60,000	2036 Subtotal
	TOTAL		$840,000	

PROJECT: GS-WATER #244-Water Meter Replacement Program

I. PROJECT TYPE: Water Distribution System

II. LOCATION: City-wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑	New	N/A	Safety	N/A	Facility Cond.	M	Productivity		
☑	Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		

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

DESCRIPTION: This project provides for the routine replacement of meters, automatic meter reading devices, gate valves, as well as associated components and equipment.

SERVICE IMPACT: Meters and reading devices provide the only means of accurately measuring customer consumption. The accuracy of meters and reading devices is critical to ensure fair and accurate billing for water and sewer customers.

IMPACT IF NOT FUNDED: Potential increase for inaccurate billing, as well as loss of revenue for water and sewer funds.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 15

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	Capital Transfer	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Water	G.O. Bonds	155,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,955,000
Water	Capital Close-out	46,700	0	0	0	0	0	0	0	0	0	46,700
	Total	401,700	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,001,700

PROJECT: GS-WATER #244-Water Meter Replacement Program

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
	Water G.O. Bonds	155,000	Phased replacement and installation of open right gate valves. 75 valves. (Bond Portion)
	Water Capital Close-out	46,700	Phased replacement and installation of open right gate valves. 75 valves. (Closeout Portion)
		$401,700	2027 Subtotal
2028	Water G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
		$400,000	2028 Subtotal
2029	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
	Water G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
		$400,000	2029 Subtotal
2030	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
	Water G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
		$400,000	2030 Subtotal
2031	Water G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
		$400,000	2031 Subtotal
2032	Water G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
		$400,000	2032 Subtotal
2033	Water Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.

PROJECT:	GS-WATER	#244-Water Meter Replacement Program		
	Water	G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
			$400,000	2033 Subtotal
2034	Water	G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
	Water	Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
			$400,000	2034 Subtotal
2035	Water	G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
	Water	Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
			$400,000	2035 Subtotal
2036	Water	Capital Transfer	200,000	Phased installation of meters and reading devices. 600 units.
	Water	G.O. Bonds	200,000	Phased replacement and installation of open right gate valves. 75 valves.
			$400,000	2036 Subtotal
	TOTAL		$4,001,700	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: FIRE #252-Fire Station Improvements

I. PROJECT TYPE: Public Buildings

II. LOCATION: All Stations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	H	Safety	H	Facility Cond.	H	Productivity			
☑	Replace	H	Mandates	H	Service Def.	N/A	Tax Base Exp.		City Master Pl.	
☑	Rebuild	H	O + M Costs	N/A	Council Goals	H	Timeliness		Public Facilities	
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to provide funding for a variety of repairs and improvements to the four existing fire stations on an annual basis. The four stations, plus the Department's headquarters, total approximately 49,000 square feet, combined. A summary of each station is below:

The Broadway Station is located at 15 Broadway. The 5,716SF facility was constructed in 1984 and is set on 0.72 Acres.

The Manor Station is located at 46 Village Street. The 11,376SF facility was constructed in 1974 and is set on 1.28 Acres.

The Heights Station is located at 74 Loudon Rd. The 5,016SF facility was constructed in 1966 and is set on 1.02 Acres.

The Central Station is located at 150 N. State Street. The facility was constructed in 1977 and features 11,260SF.

The Concord Fire Department Headquarters is located at 24 Horseshoe Pond Lane and was opened circa 2000. The 15,290SF facility is set on 1.52 Acres.

SERVICE IMPACT: Routine repairs and improvements help to prolong the useful life of facilities, as well as provide a safe and pleasant working environmental for employees thereby helping to maintain morale.

IMPACT IF NOT FUNDED: Increased cost for repairs due to deferred maintenance.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years)

PROJECT: FIRE #252-Fire Station Improvements

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	350,000	815,000	0	0	0	77,000	0	0	84,500	370,000	1,696,500
	Total	350,000	815,000	0	0	0	77,000	0	0	84,500	370,000	1,696,500

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	350,000	Improvements to paved parking areas at the Heights, Broadway, and Central Fire Stations.
		$350,000	2027 Subtotal
2028	General G.O. Bonds	815,000	Systematic Replacement of Fire Station Windows & Doors
		$815,000	2028 Subtotal
2032	General G.O. Bonds	77,000	Repair Central Station Retaining Wall
		$77,000	2032 Subtotal
2035	General G.O. Bonds	84,500	Manor Staton exterior insulation and finish system (EIFS) Repairs
		$84,500	2035 Subtotal
2036	General G.O. Bonds	370,000	Central and Broadway Station Bunkroom Renovation. Renovation will separate sleeping areas for inclusion, equality, and privacy issues.
		$370,000	2036 Subtotal
	TOTAL	$1,696,500	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-SEWER #275-Sewer Pump Station Improvements

I. PROJECT TYPE: Sewer Collection

II. LOCATION: Various Pump Stations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
☑	New	M	Safety	H	Facility Cond.	N/A	Productivity				
☑	Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.		
☑	Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		Sewer		
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: This project provides for the routine replacement, upgrade and refurbishment of aging equipment at sewer pump stations. The City has 8 waste water pump stations, as follows: East Concord, Loudon Road, Chenell Drive, Antrim Avenue, Hannah Dustin, Mountain Green South, Mountain Green North, and the Steeplegate Mall.

SERVICE IMPACT: Routine capital investments minimizing risk of unanticipated repairs and service disruptions due to pump station failures, while simultaneously helping to control ongoing operating and maintenance costs.

IMPACT IF NOT FUNDED: Potential for unanticipated equipment failures, which could disrupt service and result in significant costs to repair or replace.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Sewer	Capital Close-out	255,694	0	0	0	0	0	0	0	0	0	255,694
	Total	255,694	0	0	0	0	0	0	0	0	0	255,694

PROJECT: GS-SEWER #275-Sewer Pump Station Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Sewer Capital Close-out	255,694	SCADA system improvements.
		$255,694	2027 Subtotal
	TOTAL	$255,694	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #283-Traffic Signals and Traffic Operations Improvements

I. PROJECT TYPE: Intersections

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	H	Safety	N/A	Facility Cond.	N/A	Productivity			
	☑ Replace	M	Mandates	H	Service Def.	L	Tax Base Exp.	H	City Master Pl.	
	☑ Rebuild	L	O + M Costs	H	Council Goals	H	Timeliness		Corridor Improvements	
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to implement routine capital improvements at traffic signals to improve traffic operations, enhance public safety for motorists and pedestrians, as well as comply with applicable State and Federal regulatory requirements.

A number of City-owned signalized intersections are approaching their design life. As a result of recent failures, the program has been established to fully replace and maintain the traffic signal infrastructure at intersections based on a priority system established by inspection results.

SERVICE IMPACT: Improved and enhanced vehicle and pedestrian safety throughout the City. A nominal increase in operating and maintenance costs is expected to accommodate new systems.

IMPACT IF NOT FUNDED: Potential failure of equipment resulting in traffic disruptions, increased operating and maintenance costs for older equipment, public safety concerns will remain unaddressed.

IV PREVIOUS FISCAL YEAR AUTHORIZED: Jan. 2000 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	61,000	604,000	566,000	137,000	942,750	0	760,000	0	774,000	0	3,844,750
Other	State	0	0	0	0	281,250	0	0	0	0	0	281,250
	Total	61,000	604,000	566,000	137,000	1,224,000	0	760,000	0	774,000	0	4,126,000

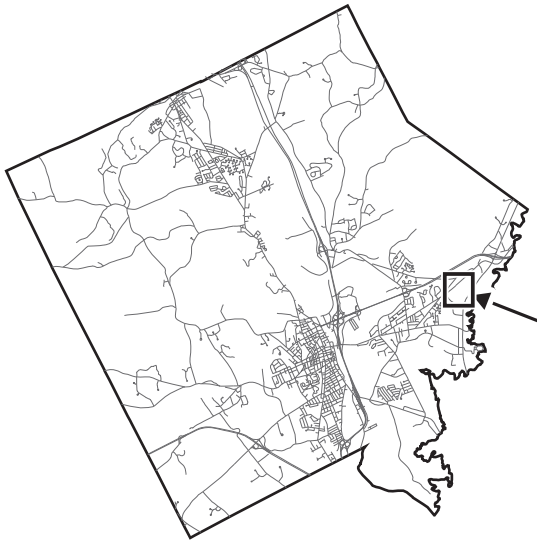
PROJECT: CD-ENGINEERING SERVICES #283-Traffic Signals and Traffic Operations Improvements

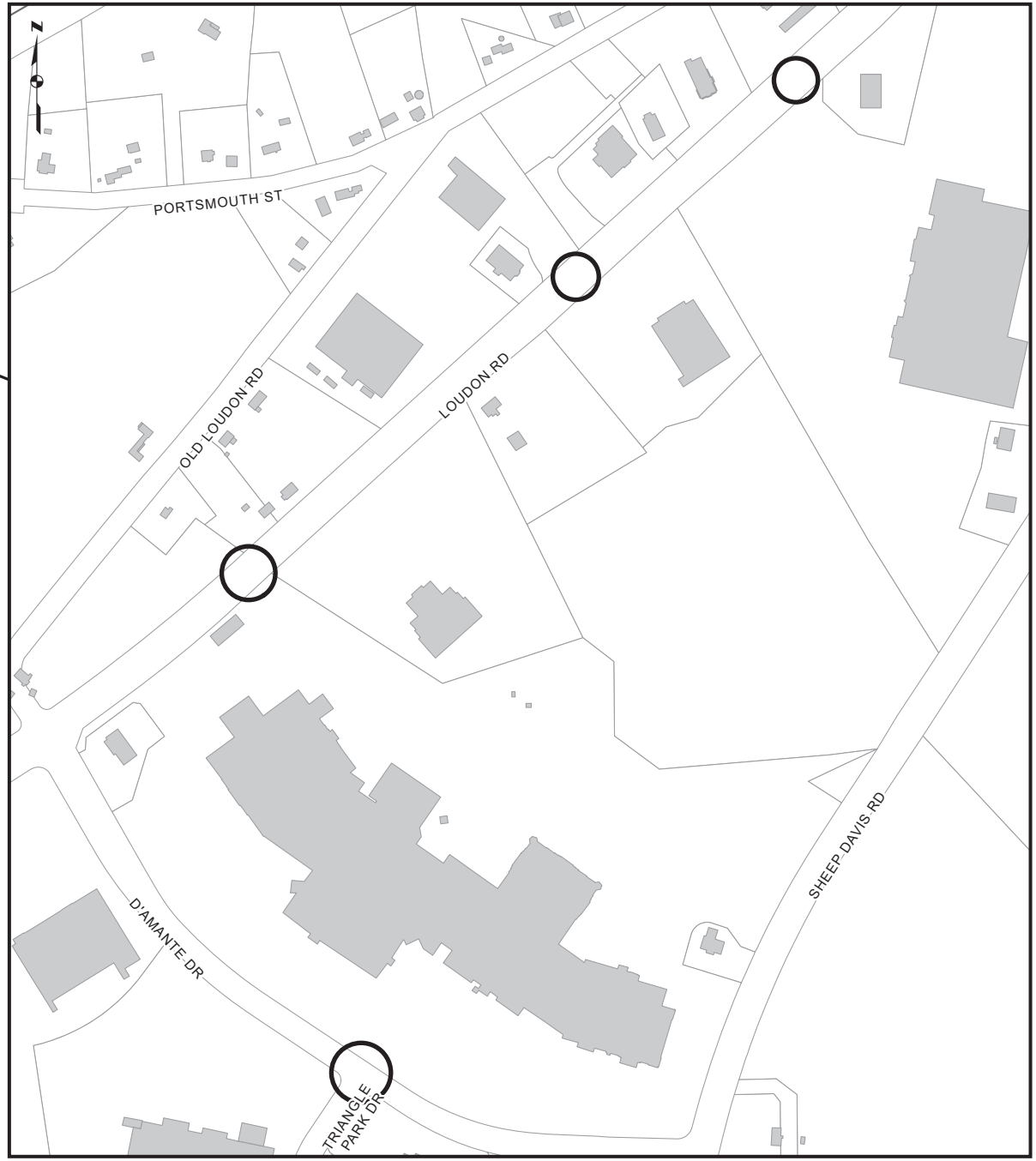
VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	36,000	Install new traffic signal controllers at the intersections of D'Amante/Triangle Park, Loudon/East Mall, Loudon/Dicks, and Loudon/Walmart. Estimate $9,000/each.
	General G.O. Bonds	25,000	Study of traffic signal warrants at the intersection of Loudon Road/Woodcrest Heights Road
		$61,000	2027 Subtotal
2028	General G.O. Bonds	530,000	Construction of Ft Eddy/Ft Eddy Plaza Intersection: Replace existing traffic signal equipment with new equipment including mast arms, controller cabinet, countdown pedestrian signals, accessible push button stations, and video detection. Improve sidewalk corners, crosswalk geometry and pavement graphics.
	General G.O. Bonds	55,000	Design of signalized intersection improvements at Loudon/Everett Arena East
	General G.O. Bonds	19,000	Install new traffic signal controllers at the intersections of Ft Eddy/Lowes and S State/West. Estimate $9,500/each.
		$604,000	2028 Subtotal
2029	General G.O. Bonds	546,000	Construction of Loudon/Everett Arena East Intersection: Replace existing traffic signal equipment with new equipment including mast arms, controller cabinet, countdown pedestrian signals, accessible push button stations, and video detection. Improve sidewalk corners, crosswalk geometry and pavement graphics
	General G.O. Bonds	20,000	Install new traffic signal controllers at the intersections of Loudon/East Side-Canterbury and Loudon/Everett Arena West. Estimate $10,000/each.
		$566,000	2029 Subtotal
2030	General G.O. Bonds	59,000	Design of signalized intersection improvements at Centre/Green.
	General G.O. Bonds	57,000	Design of signalized intersection improvements at Loudon/Hazen.
	General G.O. Bonds	21,000	Install new traffic signal controllers at the intersections of Clinton/S Fruit and Pleasant/Langley. Estimate $10,500/each.
		$137,000	2030 Subtotal
2031	General G.O. Bonds	579,500	Construction of signalized intersection improvements at Centre/Green.
	General G.O. Bonds	281,250	Construction of Loudon/Hazen Intersection: Replace existing traffic signal equipment with new equipment

PROJECT: CD-ENGINEERING SERVICES #283-Traffic Signals and Traffic Operations Improvements

			including mast arms, controller cabinet, countdown pedestrian signals, accessible push button stations, and video detection. Improve sidewalk corners, crosswalk geometry and pavement graphics. City Share.
	Other State	281,250	Construction of Loudon/Hazen Intersection: Replace existing traffic signal equipment with new equipment including mast arms, controller cabinet, countdown pedestrian signals, accessible push button stations, and video detection. Improve sidewalk corners, crosswalk geometry and pavement graphics. State Share.
	General G.O. Bonds	61,000	Design of signalized intersection improvements at N State/Capitol.
	General G.O. Bonds	11,000	Install new traffic signal controller at the intersection of Water/Hall
	General G.O. Bonds	10,000	Design of mast arm and traffic signal poles at the intersection of N Main/Bouton/I-393.
		$1,224,000	2031 Subtotal
2033	General G.O. Bonds	597,000	Construction of signalized intersection improvements at N State/Capitol.
	General G.O. Bonds	100,000	Construction of new mast arm and traffic signal poles at the intersection of N Main/Bouton-I393.
	General G.O. Bonds	63,000	Design of signalized intersection improvements at N State/School.
		$760,000	2033 Subtotal
2035	General G.O. Bonds	615,000	Construction of signalized intersection improvements at N State/School.
	General G.O. Bonds	70,000	Systematic replacement of Gridsmart processers at eight (8) signalized intersections.
	General G.O. Bonds	65,000	Design of signalized intersection improvements at N State/Warren.
	General G.O. Bonds	24,000	Install new traffic signal controllers at the intersections of Loudon/D'Amante and D'Amante/West Mall - Shaws. Estimate $12,000/each.
		$774,000	2035 Subtotal
	TOTAL	$4,126,000	





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Engineering Services Division
City of Concord, New Hampshire

GEOGRAPHIC INFORMATION SYSTEM

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Not to Scale

FY 2027
CIP PROJECT #283

TRAFFIC SIGNALS AND TRAFFIC OPERATIONS IMPROVEMENTS

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #297-Geographic Information Systems (GIS)

I. PROJECT TYPE: Information Technology & Communications

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	N/A	Safety	N/A	Facility Cond.	M	Productivity			
	☑ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
	☐ Rebuild	H	O + M Costs	L	Council Goals	N/A	Timeliness		Other	

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

DESCRIPTION: The City's comprehensive Geographic Information System (GIS) Master Plan was completed and approved by Information Technology Advisory Committee (ITAC) and the City Council in 2006. The Master Plan was intended to define the long-term GIS capital needs.

Internet based GIS software has been operational since 2005 allowing access to the City's GIS network with a web browser. Property information, street, zoning, voting wards, aerial photos, and contours are available on this public website.

Recent document management innovations added to the City GIS made property development plans and utility records available to the public from interactive web maps. The digital tax map project was introduced to merge three existing versions of the City's tax maps into one single database for improved accuracy and efficiency.

SERVICE IMPACT: Routine investments in GIS technology are essential for the delivery of services to the internal and external customers. The need to share the most current data available has become imperative to the way the City conducts business. Without access to GIS information, many of the City's personnel would not be hindered in the performance of their duties.

IMPACT IF NOT FUNDED: GIS data will deteriorate to the point where it will become functionally obsolete. The ability to capture and update information as new development occurs will diminish. Propagation of GIS databases to the City's other departments will not happen as quickly or efficiently.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2006 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years)

PROJECT: CD-ENGINEERING SERVICES #297-Geographic Information Systems (GIS)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Transfer	0	0	10,000	0	0	0	0	0	0	0	10,000
Water	Capital Transfer	0	0	10,000	0	0	0	0	0	0	0	10,000
Sewer	Capital Transfer	0	0	10,000	0	0	0	0	0	0	0	10,000
	Total	0	0	30,000	0	0	0	0	0	0	0	30,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2029	Sewer Capital Transfer	10,000	GIS Software Replacement.
	Water Capital Transfer	10,000	GIS Software Replacement.
	General Capital Transfer	10,000	GIS Software Replacement.
		$30,000	2029 Subtotal
	TOTAL	$30,000	

PROJECT: FIRE #305-Fire Department Communications Equipment

I. PROJECT TYPE: Public Safety

II. LOCATION:

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐	New	M	Safety	L	Facility Cond.	H	Productivity		
☑	Replace	L	Mandates	H	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.
☐	Rebuild	N/A	O + M Costs	L	Council Goals	H	Timeliness		Other

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

DESCRIPTION: This project provides for the routine replacement of emergency communications equipment for the Fire Department.

SERVICE IMPACT: Improved reliability, thus improving safety for the public and City personnel, as well as maintaining operational efficiency.

IMPACT IF NOT FUNDED: Less reliable communication equipment results in increased threat to health and safety of City personnel, as well as the general public.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 7 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	835,000	0	0	0	150,000	0	0	900,000	0	0	1,885,000
	Total	835,000	0	0	0	150,000	0	0	900,000	0	0	1,885,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	835,000	Portable radio replacement.
		$835,000	2027 Subtotal

PROJECT: FIRE #305-Fire Department Communications Equipment

2031	General	G.O. Bonds	150,000	Replace tower based communications equipment.
			$150,000	2031 Subtotal
2034	General	G.O. Bonds	900,000	Systematic Replacement of portable radios
			$900,000	2034 Subtotal
	TOTAL		$1,885,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #321-Water System Master Plan & Implementation

I. PROJECT TYPE: Water Treatment

II. LOCATION: General Services

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☑ New	L	Safety	N/A	Facility Cond.	N/A	Productivity			
	☐ Replace	M	Mandates	L	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
	☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		Water	
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this projects is to undertake a comprehensive update select portions of the Water Master Plan.

The current Water Master Plan was completed in three separate phases during 2006-2010.

Phase 1 examined alternative water sources, and recommended future use of the Merrimack River to augment current sources of potable water.

Phase 2 evaluated the existing water treatment facility and examined future treatment options. Based upon this analysis, the Study recommended future refurbishment of the existing water treatment plant located on Hutchinson Street to accommodate the City's anticipated needs.

Phase 3 reviewed the City's anticipated future distribution network and storage needs, and provided recommendations associated therewith.

SERVICE IMPACT: Periodic review and updating of the water master plan allows the City to adequately plan for future needs of the community, as well as prioritize water system improvements.

IMPACT IF NOT FUNDED: Inadequate planning for the City's future water needs could result in water shortages, as well as a variety of negative economic development and fiscal impacts to the community.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 30 Expected Bond Term (in Years) 20

PROJECT: GS-WATER #321-Water System Master Plan & Implementation

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	Capital Transfer	80,000	40,000	90,000	0	0	70,000	0	0	0	0	280,000
	Total	80,000	40,000	90,000	0	0	70,000	0	0	0	0	280,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Water Capital Transfer	80,000	Update Phase 1 of 2006-2010 Water Master Plan (Capacity Study).
		$80,000	2027 Subtotal
2028	Water Capital Transfer	40,000	Update Phase 2 of 2006-2010 Water Master Plan (Treatment Study).
		$40,000	2028 Subtotal
2029	Water Capital Transfer	90,000	Conduct geophysical site investigation for Merrimack River source.
		$90,000	2029 Subtotal
2032	Water Capital Transfer	70,000	Update Phase 3 of 2006-2010 Water Master Plan.
		$70,000	2032 Subtotal
	TOTAL	$280,000	

PROJECT: GS-PUBLIC PROPERTIES #323-Combined Operations & Maintenance Facility (COMF) Improvements

I. PROJECT TYPE: Public Buildings

II. LOCATION: 311 North State Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	L	Facility Cond.	M	Productivity			
	☐ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
	☑ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness	Public Facilities		

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

DESCRIPTION: This project provides for routine capital improvements at the Combined Operations and Maintenance Facility (COMF), which houses the General Services Department, as well as transportation operations for the Concord Union School District.

SERVICE IMPACT: Routine investments will prolong the useful life of the facility thereby reducing long-term operating and repair costs. Investments will also help reduce long-term energy costs, maintain safety for employees, safeguard vehicles and equipment, as well as maintain employee morale.

IMPACT IF NOT FUNDED: The facility will deteriorate and its useful life will be diminished.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	0	355,000	335,000	485,000	0	0	15,000	0	0	1,190,000
General	G.O. Bonds	0	0	400,000	335,000	485,000	0	0	15,000	0	0	1,235,000
Sewer	G.O. Bonds	0	0	355,000	335,000	485,000	0	0	15,000	0	0	1,190,000
	Total	0	0	1,110,000	1,005,000	1,455,000	0	0	45,000	0	0	3,615,000

PROJECT: GS-PUBLIC PROPERTIES #323-Combined Operations & Maintenance Facility (COMF) Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2029	Water G.O. Bonds	335,000	HVAC improvements. Phase I of III
	Sewer G.O. Bonds	335,000	HVAC improvements. Phase I of III
	General G.O. Bonds	335,000	HVAC improvements. Phase I of III
	General G.O. Bonds	40,000	Pedestrian door improvements (springs, hardware, and door panel replacement).
	Sewer G.O. Bonds	20,000	Pedestrian door improvements (springs, hardware, and door panel replacement).
	Water G.O. Bonds	20,000	Pedestrian door improvements (springs, hardware, and door panel replacement).
	General G.O. Bonds	15,000	Sump maintenance Equipment Services Bay 8.
	General G.O. Bonds	10,000	Intrusion alarm replacement.
		$1,110,000	2029 Subtotal
2030	General G.O. Bonds	335,000	HVAC improvements. Phase II of III
	Sewer G.O. Bonds	335,000	HVAC improvements. Phase II of III
	Water G.O. Bonds	335,000	HVAC improvements. Phase II of III
		$1,005,000	2030 Subtotal
2031	General G.O. Bonds	335,000	HVAC improvements. Phase III of III
	Sewer G.O. Bonds	335,000	HVAC improvements. Phase III of III
	Water G.O. Bonds	335,000	HVAC improvements. Phase III of III
	General G.O. Bonds	150,000	Pavement Rehabilitation
	Water G.O. Bonds	150,000	Pavement Rehabilitation
	Sewer G.O. Bonds	150,000	Pavement Rehabilitation
		$1,455,000	2031 Subtotal
2034	Water G.O. Bonds	15,000	Crack seal and seal coat existing pavement.
	Sewer G.O. Bonds	15,000	Crack seal and seal coat existing pavement.

PROJECT:	GS-PUBLIC PROPERTIES		#323-Combined Operations & Maintenance Facility (COMF) Improvements	
	General	G.O. Bonds	15,000	Crack seal and seal coat existing pavement.
			$45,000	2034 Subtotal
	TOTAL		$3,615,000	

PROJECT: FIRE #335-Thermal Imaging Cameras

I. PROJECT TYPE: Public Safety

II. LOCATION: All Stations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	N/A	Facility Cond.	H	Productivity				
	☑ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	H	O + M Costs	N/A	Council Goals	H	Timeliness				

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

DESCRIPTION: This project provides for the routine replacement of thermal imaging cameras for front line fire apparatus.

SERVICE IMPACT: Thermal imaging cameras are an important tool in fire fighting. They can assist in locating people and animals in burning buildings, as well as help locate hidden fire smoldering within building cavities, thereby helping to expedite emergency response efforts, as well as reduce un-necessary risk to personnel and damage to private property.

IMPACT IF NOT FUNDED: Increased life safety risk and inability to overhaul efficiently.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	72,000	0	0	0	0	100,000	0	172,000
	Total	0	0	0	72,000	0	0	0	0	100,000	0	172,000

PROJECT: FIRE #335-Thermal Imaging Cameras

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2030	General	G.O. Bonds	72,000	Replace thermal imaging cameras.
			$72,000	2030 Subtotal
2035	General	G.O. Bonds	100,000	Replacement of Thermal Imaging Cameras
			$100,000	2035 Subtotal
	TOTAL		$172,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #345-Water Supply Well Field Maintenance

I. PROJECT TYPE: Water Treatment

II. LOCATION: Sanders Station (Pump Station 2), N. Pembroke Rd.

III. PROJECT OBJECTIVES AND BACKGROUND

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

DESCRIPTION: The purpose of this project is to provide for routine maintenance of the City's water supply well fields located in the Town of Pembroke, thereby ensuring the facility will be available to produce approximately 1 million gallons of water per day when needed to supplement supplies provided by Penacook Lake and the Contoocook River. This project complies with and implements the recommendations of the Water Master Plan.

SERVICE IMPACT: Helps to maintain a diverse mix of supply sources for the City's water system and reduces dependence on Penacook Lake and the Contoocook River.

IMPACT IF NOT FUNDED: Potentially insufficient water supply during drought conditions.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	0	150,000	0	0	0	0	2,000,000	0	0	2,150,000
	Total	0	0	150,000	0	0	0	0	2,000,000	0	0	2,150,000

PROJECT: GS-WATER #345-Water Supply Well Field Maintenance

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2029	Water G.O. Bonds	150,000	Investigate well field capacity and water quality, then design new pump house and appurtenances in accordance with Wright Pierce Engineers assessment and recommendations.
		$150,000	2029 Subtotal
2034	Water G.O. Bonds	2,000,000	Construct new Pump Station 2
		$2,000,000	2034 Subtotal
	TOTAL	$2,150,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #347-Water Storage Tank Repairs

I. PROJECT TYPE: Water Treatment

II. LOCATION: Five sites around the City

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐ New	L	Safety	L	Facility Cond.	N/A	Productivity			
☐ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☑ Rebuild	N/A	O + M Costs	N/A	Council Goals	H	Timeliness			

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

DESCRIPTION: The purpose of this project is to establish a schedule of capital investments for the City's water tanks and related systems. The City has five water tanks, as follows:
Ed Young Tank located on Penacook Street
Primrose Tank located in Penacook
East Concord Tank located near Portsmouth Street
Snow Pond Tank located near Snow Pond Road
West End Tank located near Langley Parkway

Routine investments will prolong the life of these facilities. Cleaning, crack sealing, and re-application of the cementitious coatings to the exterior of the tanks will prevent corrosion and extend useful life each structure. Altitude valves and underground valve chambers will be repaired and rehabilitated as needed while the tanks are out of service.

SERVICE IMPACT: Distribution tanks provide a readily available supply of water to meet the needs of the customers, but more importantly to provide needed fire protection volumes to the neighborhoods.

IMPACT IF NOT FUNDED: Lack of routine investments will decrease useful life of these facilities. In the extreme, lack of maintenance could cause tank failures thereby causing disruptions in water service (both domestic and fire protection).

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 15

PROJECT: GS-WATER #347-Water Storage Tank Repairs

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	55,000	80,000	0	50,000	60,000	55,000	65,000	80,000	60,000	505,000
	Total	0	55,000	80,000	0	50,000	60,000	55,000	65,000	80,000	60,000	505,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Water G.O. Bonds	55,000	Cleaning, crack sealing tank and Altitude Valve refurbishment. (West End Tank)
		$55,000	2028 Subtotal
2029	Water G.O. Bonds	80,000	Cleaning, crack sealing tank and Altitude Valve refurbishment. (East Concord Tank)
		$80,000	2029 Subtotal
2031	Water G.O. Bonds	50,000	Cleaning, crack sealing tank and Altitude Valve. (Snow Pond Tank)
		$50,000	2031 Subtotal
2032	Water G.O. Bonds	60,000	Cleaning and crack sealing. (Ed Young Tank)
		$60,000	2032 Subtotal
2033	Water G.O. Bonds	55,000	Cleaning, crack sealing tank and Altitude Valve refurbishment. (Primrose Tank)
		$55,000	2033 Subtotal
2034	Water G.O. Bonds	65,000	Cleaning, crack sealing tank and Altitude Valve refurbishment. (West End Tank)
		$65,000	2034 Subtotal
2035	Water G.O. Bonds	80,000	Cleaning, crack sealing tank and Altitude Valve refurbishment. (East Concord Tank)
		$80,000	2035 Subtotal
2036	Water G.O. Bonds	60,000	Cleaning, crack sealing tank, overflow pipe repair. (Snow Pond Tank)

PROJECT:	GS-WATER	#347-Water Storage Tank Repairs		
			$60,000	2036 Subtotal
	TOTAL		$505,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #358-Garrison Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Hutchins Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	L	Safety	M	Facility Cond.	N/A	Productivity			
☑	Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.	
☑	Rebuild	L	O + M Costs	M	Council Goals	N/A	Timeliness		Parks	
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to establish a capital improvement program for Garrison Park. Projects are intended to repair and refurbish existing infrastructure, as well as construct new amenities to serve the community.

SERVICE IMPACT: Proposed improvements will promote the use and enjoyment of the facility while ensuring efficiency in expenditure and the greatest return on investment.

IMPACT IF NOT FUNDED: Facilities will deteriorate thereby increasing community dissatisfaction, disuse, and avoidance of this recreational asset. Also, deferred maintenance will result in higher repair costs in the future. Lack of routine maintenance may result in closure of some park amenities to reduce liability.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	50,000	0	0	0	0	50,000
	Total	0	0	0	0	0	50,000	0	0	0	0	50,000

PROJECT: REC-GROUNDS #358-Garrison Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2032	General G.O. Bonds	50,000	Crack seal, colorize, and stripe basketball courts. Replace standards, replace backboards with acrylic backboards.
		$50,000	2032 Subtotal
	TOTAL	$50,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #359-Merrill Park

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Eastman Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	L	Safety	M	Facility Cond.	N/A	Productivity			
☑	Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.	
☑	Rebuild	L	O + M Costs	M	Council Goals	N/A	Timeliness		Parks	

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

DESCRIPTION: The purpose of this project is to establish a capital improvement program for Merrill Park. Projects are intended to repair and refurbish existing infrastructure, as well as construct new amenities to serve the community. Improvements include upgrades to the parking lot, landscaping, playing fields, the playground as well as walkways to meet accessibility standards.

In 1960 the park was named Merrill Park after Harold D. Merrill, a resident of East Concord, and a member of the Board of Aldermen from 1932 to 1942. A pioneer in outdoor recreation, Merrill devoted 25 years to promoting public recreation.

SERVICE IMPACT: Proposed improvements will promote the use and enjoyment of this facility while ensuring efficiency in expenditure and the greatest return on investment.

IMPACT IF NOT FUNDED: Existing infrastructure will continue to deteriorate. Future City investments will not occur in a coordinated manner, thereby potentially resulting in waste and inefficiency. Lack of routine investment may also result in reduced utilization and enjoyment of this facility by the public. Deterioration of existing amenities may also result in potential liabilities for the community.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	0	0	0	0	0	0	0	0	25,000	25,000
General	G.O. Bonds	0	0	0	0	0	0	0	0	440,000	0	440,000
	Total	0	0	0	0	0	0	0	0	440,000	25,000	465,000

PROJECT: REC-GROUNDS #359-Merrill Park

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2035	General	G.O. Bonds	400,000	Replace playground equipment. Includes installation of new safety surfacing.
	General	G.O. Bonds	40,000	Crack seal, colorize and stripe three (3) tennis courts abd basketball court.
			$440,000	2035 Subtotal
2036	General	Donations	25,000	Review options to restore existing pond in the park.
			$25,000	2036 Subtotal
	TOTAL		$465,000	

PROJECT: POLICE - OPERATIONS #368-Police Department Communications Equipment

I. PROJECT TYPE: Public Safety

II. LOCATION: Police

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	L	Safety	N/A	Facility Cond.	L	Productivity			
☑	Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☐	Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Long-Range Planning	

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

DESCRIPTION: The purpose of this project is to make periodic investments to upgrade or replace communications equipment for the Police Department. This equipment includes portable radios, equipment within vehicles and the dispatch center, as well as infrastructure improvements as necessary.

Recently the Department completed radio system upgrades, which included new dispatch consoles and point to point microwave capabilities. The Department also systematically replaced all of the mobile radios as well as portable radios. Improvements to communications infrastructure is necessary in order to ensure the communications capabilities of the officers working in the field.

SERVICE IMPACT: Portable and mobile radios should be replaced approximately every ten years in order to ensure reliability of equipment and to minimize risk of unforeseen communications problems, which could impact the department's ability to effectively respond to calls for assistance. Infrastructure improvements need to periodically take place in order to ensure that the Department's communication system remains reliable in order to ensure officer safety and the delivery of police services to the community.

IMPACT IF NOT FUNDED: The safety and security of police officers and the public could be compromised by inconsistent radio communications.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	80,000	0	0	0	180,000	180,000	0	0	0	100,000	540,000
	Total	80,000	0	0	0	180,000	180,000	0	0	0	100,000	540,000

PROJECT: POLICE - OPERATIONS #368-Police Department Communications Equipment

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	80,000	Replace mobile radios in all marked vehicles.
		$80,000	2027 Subtotal
2031	General G.O. Bonds	180,000	Phase 1 of 2: 10 year replacement of Police Department portable radios.
		$180,000	2031 Subtotal
2032	General G.O. Bonds	180,000	Phase 2 of 2: 10 year replacement of Police Department portable radios.
		$180,000	2032 Subtotal
2036	General G.O. Bonds	100,000	Replacement of the radio tower at Concord Police Department Headquarters.
		$100,000	2036 Subtotal
	TOTAL	$540,000	

PROJECT: POLICE - OPERATIONS #370-Police Department Ballistic Vest Replacement Program

I. PROJECT TYPE: Public Safety

II. LOCATION: Police

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐	New	L	Safety	N/A	Facility Cond.	N/A	Productivity		
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Long-Range Planning

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

DESCRIPTION: This project provides for the routine replacement of the Police Department's ballistic vests (bullet proof vests). Ballistic vests are replaced every 5 years in accordance with service standards. It is important to replace vests on a regular basis in order to keep up with latest ballistic technology.

SERVICE IMPACT: Routine replacement ensures that safety equipment is consistent with current ballistic technology and firearms trends.

IMPACT IF NOT FUNDED: Police Officer safety could be compromised.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	40,000	0	0	0	85,000	0	0	0	85,000	0	210,000
	Total	40,000	0	0	0	85,000	0	0	0	85,000	0	210,000

PROJECT: POLICE - OPERATIONS #370-Police Department Ballistic Vest Replacement Program

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	General	G.O. Bonds	40,000	Replacement of ballistic vests purchased in 2022.
			$40,000	2027 Subtotal
2031	General	G.O. Bonds	85,000	Replace Ballistic Vests purchased in FY 2026.
			$85,000	2031 Subtotal
2035	General	G.O. Bonds	85,000	Replacement of ballistic vests purchased in 2030.
			$85,000	2035 Subtotal
	TOTAL		$210,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #372-Water System Pump Station Improvements

I. PROJECT TYPE: Water Treatment

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	L	Safety	M	Facility Cond.	H	Productivity			
	☑ Replace	L	Mandates	H	Service Def.		Tax Base Exp.	L	City Master Pl.	
	☑ Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness	Water		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: This project provides for the planned improvements to the City's three pump stations, which are part of the potable water distribution system, as follows:

Pump Station #3: Penacook Street
Pump Station #5: Broad Cove Road (at the Contoocook River)
Pump Station #6: Mountain Road

The City also has two other pump stations, which are part of the Water Plant and Pembroke well fields, and are addressed separately by other capital improvement projects.

Phase II of the 2006-2010 Water Master Plan Phase recommends installation of an additional pump station to address pressure and availability issues in an area northeast of Portsmouth Street. This project includes investments to implement this recommendation.

SERVICE IMPACT: Planned upgrades to existing stations ensures over all reliability of the water system.

IMPACT IF NOT FUNDED: The ability to effectively and efficiently distribute water to users will be compromised and could result in service disruptions. Service disruptions would not only cause inconvenience but could also result in life / safety issues due to potential inability to supply public and private fire suppression systems.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

PROJECT: GS-WATER #372-Water System Pump Station Improvements

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	250,000	0	0	0	0	550,000	0	0	0	300,000	1,100,000
	Total	250,000	0	0	0	0	550,000	0	0	0	300,000	1,100,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Water G.O. Bonds	250,000	Station 3 generator replacement.
		$250,000	2027 Subtotal
2032	Water G.O. Bonds	400,000	Station 5 generator replacement.
	Water G.O. Bonds	150,000	Station 3 generator replacement.
		$550,000	2032 Subtotal
2036	Water G.O. Bonds	300,000	Pump Replacements, Station 3.
		$300,000	2036 Subtotal
	TOTAL	$1,100,000	

PROJECT: FIRE #375-Fire Department Boats

I. PROJECT TYPE: Fire Vehicles

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

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

DESCRIPTION: This project provides for the systematic replacement of the Fire Department's 3 motorized rescue watercraft.

SERVICE IMPACT: Older watercraft are less reliable and more expensive to maintain.

IMPACT IF NOT FUNDED: Increased threat to health and safety for rescue personnel, as well as the general public due to unreliable equipment.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	75,000	0	0	0	0	0	75,000
	Total	0	0	0	0	75,000	0	0	0	0	0	75,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2031	General G.O. Bonds	75,000	Replace 3 boats utilized by the department for emergency/training use on the City's rivers and waterways.
		$75,000	2031 Subtotal

PROJECT:	FIRE	#375-Fire Department Boats	
TOTAL			$75,000

PROJECT: FIRE #376-Fire Department Hose & Equipment Replacement

I. PROJECT TYPE: Public Safety

II. LOCATION: All Engines, Ladders, Rescue & Tanker

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	H	Facility Cond.	H	Productivity				
	☑ Replace	H	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	M	O + M Costs	M	Council Goals	H	Timeliness				
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: This project provides funding for the systematic replacement of fire hose and equipment carried on apparatus.

SERVICE IMPACT: Project is intended to fund equipment purchases to replace aging equipment during the equipping of new apparatus placed in service.

IMPACT IF NOT FUNDED: Inability to effectively outfit fire engines with required hose and associated equipment could compromise public safety.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	30,000	55,000	50,000	0	205,000	0	0	0	0	0	340,000
	Total	30,000	55,000	50,000	0	205,000	0	0	0	0	0	340,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund	Type	Amount	Action
2027	General	G.O. Bonds	30,000	Forestry Equipment Replacement to include 2 floating pumps, 2 portable pumps, 3 mini pumps, 3 chainsaws, 3 leafblowers.
			$30,000	2027 Subtotal

PROJECT: FIRE #376-Fire Department Hose & Equipment Replacement

2028	General	G.O. Bonds	40,000	Systematic replacement of fire hose and equipment.
	General	G.O. Bonds	15,000	Systematic replacement of eight (8) ventilation saws.
			$55,000	2028 Subtotal
2029	General	G.O. Bonds	50,000	Systematic replacement of hazardous materials (HazMat) meters.
			$50,000	2029 Subtotal
2031	General	G.O. Bonds	205,000	Extrication equipment replacement. SAVA Lifting Bags, Hydraulic Rescue Tools.
			$205,000	2031 Subtotal
	TOTAL		$340,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-SOLID WASTE #381-Landfill Closure and Maintenance

I. PROJECT TYPE: Solid Waste Management

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☑ New	M	Safety	N/A	Facility Cond.	N/A	Productivity				
	☐ Replace	H	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	M	O + M Costs	N/A	Council Goals	H	Timeliness		Targeted Neighborhoods		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: This project provides for the routine maintenance and stewardship of the 10 former landfills located in the City. As part of this project, the City shall address environmental and regulatory issues, as well as examine the feasibility of converting some facilities into public recreational resources to enhance quality of life.

Each site is unique and, therefore, the management approach for each facility is different. However, all sites are registered, characterized, and remediated in accordance with state and federal regulations.

When specifically directed by the City Council, opportunities for recreational re-use of these facilities shall be evaluated on a case by case basis in conjunction with regulatory agencies in order to properly guide the design and implementation of closure / remedial action plans.

SERVICE IMPACT: By proactively addressing this issue the City will its liability exposure and provide opportunities to potentially develop additional community open space and other recreation resources.

IMPACT IF NOT FUNDED: Environmental liability exposure.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 30 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other	Solid Waste Reserve	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000
	Total	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000

PROJECT: GS-SOLID WASTE #381-Landfill Closure and Maintenance

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2036	Other Solid Waste Reserve	2,000,000	Design aof Old Suncook Road Landfill cap.
		$2,000,000	2036 Subtotal
	TOTAL	$2,000,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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

I. PROJECT TYPE: Airport

II. LOCATION: Airport Road

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	M	Safety	H	Facility Cond.	M	Productivity			
☑	Replace	H	Mandates	H	Service Def.	M	Tax Base Exp.	M	City Master Pl.	
☐	Rebuild	L	O + M Costs	H	Council Goals	M	Timeliness	Airport		

☐ 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 bring the building into compliance 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

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

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	Capital Transfer	0	21,000	0	0	0	0	0	0	0	0	21,000
Airport	G.O. Bonds	0	0	55,000	550,000	0	0	0	0	0	0	605,000
Other	Federal	0	378,000	990,000	9,900,000	0	0	0	0	0	0	11,268,000
Other	State	0	21,000	55,000	550,000	0	0	0	0	0	0	626,000
	Total	0	420,000	1,100,000	11,000,000	0	0	0	0	0	0	12,520,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Other Federal	378,000	Preliminary terminal design plans. Federal Share
	Airport Capital Transfer	21,000	City Share
	Other State	21,000	State Share
		$420,000	2028 Subtotal
2029	Other Federal	990,000	Final terminal design plans. Federal Share
	Airport G.O. Bonds	55,000	City Share.
	Other State	55,000	State Share.
		$1,100,000	2029 Subtotal
2030	Other Federal	9,900,000	Construction of new airport terminal building. Federal share.
	Airport G.O. Bonds	550,000	City Share.
	Other State	550,000	State Share.
		$11,000,000	2030 Subtotal
	TOTAL	$12,520,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: POLICE - OPERATIONS #403-Parking Division Vehicle and Equipment Replacement Program

I. PROJECT TYPE: Parking

II. LOCATION: Downtown Central Business District

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐	New	L	Safety	N/A	Facility Cond.	N/A	Productivity		
☑	Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	N/A	O + M Costs	N/A	Council Goals	N/A	Timeliness	Motor Vehicle Equipment	

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

DESCRIPTION: This project provides funding for routine replacement of Parking Division vehicles and equipment.

SERVICE IMPACT: Routine replacement ensures that the Division will have reliable vehicles and equipment for enforcement efforts, as well as maintenance of parking system infrastructure.

IMPACT IF NOT FUNDED: Repairs shall become more frequent and costly due to wear and tear. Chronic vehicle break downs and equipment failures will result in the inefficient operation of the Parking System and lost revenues due to inability to conduct daily enforcement operations, as well as properly maintain infrastructure in a timely fashion.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 7 Expected Bond Term (in Years) 7

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	65,000	0	0	72,000	0	0	0	0	0	0	137,000
	Total	65,000	0	0	72,000	0	0	0	0	0	0	137,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Parking G.O. Bonds	65,000	Replace Meter Maintenance Vehicle (Last replaced in FY 2020).
		$65,000	2027 Subtotal

PROJECT:		POLICE - OPERATIONS	#403-Parking Division Vehicle and Equipment Replacement Program	
2030	Parking	G.O. Bonds	72,000	Replace Parking Enforcement Mobile Unit (Jeep) (Last replaced in FY 2023).
			$72,000	2030 Subtotal
	TOTAL		$137,000	

PROJECT: GS-SEWER #410-Sewer Video Inspection Equipment

I. PROJECT TYPE: Sewer Collection

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	N/A	Safety	M	Facility Cond.	M	Productivity				
	☑ Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness	Sewer			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: Video inspection has been used extensively to investigate the City's sewer infrastructure. The main-line video camera unit is specifically designed for inspection of sanitary and storm sewers. Data collected from video inspections is used to develop maintenance plans and capital improvement programs for the sanitary and storm water sewer systems.

SERVICE IMPACT: This equipment serves as a valuable tool to help get real time information about the condition of sewer pipes throughout the City, thereby allowing staff to more efficiently plan improvements as needed.

IMPACT IF NOT FUNDED: The City will need to rely upon antiquated equipment that is more susceptible to failure.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Sewer	Capital Transfer	20,000	0	0	0	0	0	0	0	0	0	20,000
Sewer	G.O. Bonds	0	0	0	0	0	80,000	0	0	0	0	80,000
	Total	20,000	0	0	0	0	80,000	0	0	0	0	100,000

PROJECT: GS-SEWER #410-Sewer Video Inspection Equipment

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	Sewer	Capital Transfer	20,000	Replace lateral service line inspection camera, hardware and software.
			$20,000	2027 Subtotal
2032	Sewer	G.O. Bonds	80,000	Replace a main line camera
			$80,000	2032 Subtotal
	TOTAL		$100,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CITY MANAGER /OPERATION #432-State State Parking Garage (Formerly Firehouse Block)

I. PROJECT TYPE: Parking

II. LOCATION: 19 North State Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐ New	H	Safety	M	Facility Cond.	N/A	Productivity			
☐ Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☑ Rebuild	H	O + M Costs	N/A	Council Goals	H	Timeliness		Parking	

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

DESCRIPTION: The purpose of this project is to provide funding for routine repairs and refurbishment of the North State Street Parking Garage (formerly known as the Firehouse Block Parking Garage). The garage opened in 1981. It is approximately 82,000SF and features 238 parking spaces.

SERVICE IMPACT: Routine investment by the City will ensure the facility's long-term viability (both structurally and economically), improve safety and convenience for users, as wel as support economic development efforts in downtown.

IMPACT IF NOT FUNDED: Deferred maintenance could render all, or a portion, of the garage unusable. This would result in a loss of revenue for the Parking Fund, as well as reduction in the supply of parking spaces downtown, thereby potentially having a negative effect on nearby businesses and residences. Continued deterioration of the facility will likely result in more costly and substantial repairs. In addition, failure to properly maintain the structure could, in the extreme, potentially require the City to close the facility due to safety concerns.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	300,000	3,000,000	0	0	0	0	200,000	0	0	1,500,000	5,000,000
	Total	300,000	3,000,000	0	0	0	0	200,000	0	0	1,500,000	5,000,000

PROJECT: CITY MANAGER /OPERATION #432-State Street Parking Garage (Formerly Firehouse Block)

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Parking G.O. Bonds	300,000	Design and permitting of comprehensive structural repairs and renovations to the State Street Parking Garage, based on preliminary renovation option in Garage Study report.
		$300,000	2027 Subtotal
2028	Parking G.O. Bonds	3,000,000	Construction of comprehensive structural repairs and renovations to the State Street Parking Garage, pending final decision by City Council concerning repair or replacement of the facility. Should repair be preferred, renovations and improvements would ibe based on results of 2025/2026 study prepared by Fishbeck/Nelson Nygaard. This cost estimate is based on preliminary renovation option in Garage Study report.
		$3,000,000	2028 Subtotal
2033	Parking G.O. Bonds	200,000	Replace security cameras installed in FY2026.
		$200,000	2033 Subtotal
2036	Parking G.O. Bonds	1,500,000	5 Year refresh. Scope includes as needed work associated with waterproofing, membranes, sealants, concrete repairs, etc.
		$1,500,000	2036 Subtotal
	TOTAL	$5,000,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CITY MANAGER /OPERATION #433-School Street Parking Garage (Formerly Durgin Block)

I. PROJECT TYPE: Parking

II. LOCATION: 17 School Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	M	Facility Cond.	N/A	Productivity				
	☐ Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☑ Rebuild	H	O + M Costs	N/A	Council Goals	H	Timeliness	Parking			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to provide funding for routine repairs and refurbishment of the School Street Parking Garage (formerly know as the Durgin Block Parking Garage). The garage opened in 1985. It is approximately 171,000SF in size and features 469 parking spaces, as well as an adjoining surface lot with 5 additional spaces.

SERVICE IMPACT: Routine investment by the City will ensure the facility's long-term viability (both structurally and economically), improve safety and convenience for users, as wel as support economic development efforts in downtown.

IMPACT IF NOT FUNDED: Deferred maintenance could render all, or a portion, of the garage unusable. This would result in a loss of revenue for the Parking Fund, as well as reduction in the supply of parking spaces downtown, thereby potentially having a negative effect on nearby businesses and residences. Continued deterioration of the facility will likely result in more costly and substantial repairs. In addition, failure to properly maintain the structure could, in the extreme, potentially require the City to close the facility due to safety concerns.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	0	0	0	0	0	0	0	5,720,000	0	0	5,720,000
	Total	0	0	0	0	0	0	0	5,720,000	0	0	5,720,000

PROJECT: CITY MANAGER /OPERATION #433-School Street Parking Garage (Formerly Durgin Block)

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2034	Parking G.O. Bonds	5,720,000	10 Year maintenance and repairs following completion of FY2018-2021 $5.8M repair and renovation project. Scope includes concrete repairs and maintenance, waterproofing repairs and maintenance, repaint steel frame), electrical system improvements, plumbing repairs / improvements, lighting improvements, pavement markings, replacement of surveillance system, façade masonry repairs, as well as design services, construction oversight, and contingency.
		$5,720,000	2034 Subtotal
	TOTAL	$5,720,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #443-City-Wide Community Center

I. PROJECT TYPE: Public Buildings

II. LOCATION: 14 Canterbury Road

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	N/A	Safety	H	Facility Cond.	L	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
☐	Rebuild	H	O + M Costs	N/A	Council Goals	N/A	Timeliness		Public Facilities	

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

DESCRIPTION: The purpose of this project is to provide funding for routine repairs and refurbishment of the City-wide Community Center.

The $8+/- million, 30,750 square foot facility open in June 2018 features a high-school size gymnasium with locker rooms, large multipurpose room with stage and commercial warming kitchen, five multipurpose program rooms, two exercise rooms, a senior lounge, as well as part time branch library services.

The facility also serves as the headquarters for the Parks and Recreation Department.

SERVICE IMPACT: Improved customer service, recreational opportunities, and quality of life for all residents. Increased operational and maintenance costs.

IMPACT IF NOT FUNDED: Deferred maintenance will result in higher operating and maintenance costs, reduced customer satisfaction and community pride, as well as increased repair costs in the future.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	60,000	0	0	100,000	0	150,000	0	0	0	310,000
	Total	0	60,000	0	0	100,000	0	150,000	0	0	0	310,000

PROJECT: REC-GROUNDS #443-City-Wide Community Center

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2028	General	G.O. Bonds	60,000	Replacement of roof top HVAC units.
			$60,000	2028 Subtotal
2031	General	G.O. Bonds	100,000	Replace indoor furnishings (table and chairs) reaching end of lifespan.
			$100,000	2031 Subtotal
2033	General	G.O. Bonds	150,000	Replace original 2018 gym floor reaching end of lifespan.
			$150,000	2033 Subtotal
	TOTAL		$310,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-SOLID WASTE #447-Landfill Soil Vapor Extraction Systems

I. PROJECT TYPE: Solid Waste Management

II. LOCATION: Old Turnpike Road Landfill and Old Suncook Landfill

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	M	Facility Cond.	L	Productivity				
	☐ Replace	L	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.		
	☑ Rebuild	L	O + M Costs	N/A	Council Goals	H	Timeliness		Other		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to provide funding for routine repairs and refurbishment of soil vapor extraction systems located at certain City landfills.

As part of the management of the Old Suncook Landfill, a Soil Vapor Extraction (SVE) system was installed in the mid 2000's to control landfill migration off the property.

The closure of the Old Turnpike Landfill in 1995 included a landfill gas control system that originally included a flare to burn excess landfill gas. Since then, the quantity of landfill gas generated by the facility has subsided. As a result, the system actively vents to the atmosphere.

SERVICE IMPACT: Routine repair and maintenance of these systems will maintain the health and safety of the community, as well as ensure compliance with applicable environmental regulations.

IMPACT IF NOT FUNDED: Lack of routine investment will result in increased operating and maintenance costs, as well as potential equipment failure. Potential equipment failures may cause the City to be in violation of environmental regulations related to gas migration from these sites.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Solid Waste	Capital Transfer	0	0	0	0	0	15,000	25,000	0	0	0	40,000
Solid Waste	G.O. Bonds	0	0	0	0	0	45,000	0	0	0	0	45,000
	Total	0	0	0	0	0	60,000	25,000	0	0	0	85,000

PROJECT: GS-SOLID WASTE #447-Landfill Soil Vapor Extraction Systems

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2032	Solid Waste	G.O. Bonds	45,000	Old Suncook Road Landfill: Replace blower system.
	Solid Waste	Capital Transfer	15,000	Old Suncook Road Landfill: Rehabilitate gas collection system and monitoring wells.
			$60,000	2032 Subtotal
2033	Solid Waste	Capital Transfer	25,000	Old Turnpike Road Landfill: Rehabilitate gas collection system and monitoring wells.
			$25,000	2033 Subtotal
	TOTAL		$85,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #451-Leak Detection

I. PROJECT TYPE: Water Distribution System

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:

☐	New	L	Safety		Facility Cond.		Productivity		
☑	Replace		Mandates		Service Def.		Tax Base Exp.		City Master Pl.
☐	Rebuild	M	O + M Costs		Council Goals		Timeliness	Water	

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

DESCRIPTION: This project provides for the routine acquisition of leak detection equipment known as "data loggers" for the City's potable water system.

Data loggers are placed on water main valves for a period of time to record the sound of the water flowing through the pipe. The data is then uploaded to into a computer. The accompanying software then analyzes the data to determine if a water main is compromised and leaking.

SERVICE IMPACT: This project will help the City maintain the water system so as it operates as efficiently as possible by reducing water loss and waste.

IMPACT IF NOT FUNDED: If not funded, water leaks from compromised pipes will remain undetected, resulting in a less efficient water system and waste associated with lost water. Also unrepaired leaks present opportunity for potential contamination of the potable water system. Severe leaks could compromise roadways and other infrastructure.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	Capital Transfer	0	0	0	0	15,000	0	0	0	20,000	0	35,000
	Total	0	0	0	0	15,000	0	0	0	20,000	0	35,000

PROJECT: GS-WATER #451-Leak Detection

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2031	Water Capital Transfer	15,000	Replace / new pods for leak detection equipment.
		$15,000	2031 Subtotal
2035	Water Capital Transfer	20,000	Replace leak detection equipment.
		$20,000	2035 Subtotal
	TOTAL	$35,000	

PROJECT: GS-SEWER #466-Penacook Waste Water Treatment Plant Improvements

I. PROJECT TYPE: Sewer Treatment

II. LOCATION: 7 Penacook Street, Penacook

III. PROJECT OBJECTIVES AND BACKGROUND

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

DESCRIPTION: This project provides for the routine repair and maintenance of the Penacook Waste Water Treatment Plant.

The plant has been in operation since 1974. Major upgrades were completed in 2005.

The projects described herein are a series of improvements, upgrades and refurbishments of existing infrastructure.

SERVICE IMPACT: Routine repair and replacement of the plant's infrastructure provides short-term and long-term reliability, as well as ensures the facility is in compliance with various codes and regulations.

IMPACT IF NOT FUNDED: Potential for increased operating and maintenance costs over time; increased potential for costly emergency repairs; potential liabilities for failing to maintain the facility in accordance with applicable codes and regulations.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 15

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Sewer	G.O. Bonds	2,730,000	0	0	0	0	0	0	0	4,500,000	0	7,230,000
	Total	2,730,000	0	0	0	0	0	0	0	4,500,000	0	7,230,000

PROJECT: GS-SEWER #466-Penacook Waste Water Treatment Plant Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Sewer G.O. Bonds	2,200,000	Influent screw pump #1 replacement.
	Sewer G.O. Bonds	400,000	Refurbishment of Influent screw pump 2&3
	Sewer G.O. Bonds	130,000	Supervisory Control And Data Acquisition (SCADA) system upgrades.
		$2,730,000	2027 Subtotal
2035	Sewer G.O. Bonds	1,800,000	Sequencing Batch Reactor (SBR) refurbishment.
	Sewer G.O. Bonds	800,000	Aeration blower replacement.
	Sewer G.O. Bonds	700,000	Waste Tank refurbishment.
	Sewer G.O. Bonds	400,000	Equalization pump replacements.
	Sewer G.O. Bonds	400,000	Vacuum system and valve pit refurbishment.
	Sewer G.O. Bonds	400,000	Roof replacement.
		$4,500,000	2035 Subtotal
	TOTAL	$7,230,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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:										
☑	New	H	Safety	M	Facility Cond.	L	Productivity			
☐	Replace	H	Mandates	H	Service Def.	H	Tax Base Exp.	H	City Master Pl.	
☑	Rebuild	L	O + M Costs	N/A	Council Goals	H	Timeliness	Airport		

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

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 aircraft (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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	Capital Transfer	0	0	0	11,111	83,333	0	0	0	0	0	94,444
Other	Federal	0	0	0	200,000	1,500,000	0	0	0	0	0	1,700,000
Other	State	0	0	0	11,111	83,333	0	0	0	0	0	94,444
	Total	0	0	0	222,222	1,666,666	0	0	0	0	0	1,888,888

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

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	Other Federal	200,000	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	11,111	City share.
	Other State	11,111	State share.
		$222,222	2030 Subtotal
2031	Other Federal	1,500,000	Construct the Itinerant Ramp expansion project. Federal share.
	Airport Capital Transfer	83,333	City share.
	Other State	83,333	State share.
		$1,666,666	2031 Subtotal
	TOTAL	$1,888,888	

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

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	L	Safety	L	Facility Cond.	M	Productivity			
☑	Replace	M	Mandates	M	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	L	O + M Costs	L	Council Goals	M	Timeliness	Airport		

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

DESCRIPTION: This project provides for routine maintenance, repair, and replacement of the airport fuel farm and associated equipment.

SERVICE IMPACT: Routine investments keep the facility in compliance with applicable Federal Aviation Administration rules and regulations, as well as State and Federal environmental regulations. Routine facility improvements also maintain customer service and fuel farm market share.

IMPACT IF NOT FUNDED: Decreased customer satisfaction and potential loss of market share. Potential regulatory liability due to 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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	G.O. Bonds	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
	Total	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Airport G.O. Bonds	1,000,000	Replace Fuel Farm to comply with current New Hampshire Department of Environmental Services requlations. Current fuel facility installed in 1996.
		$1,000,000	2027 Subtotal

PROJECT:	CD-ENGINEERING SERVICES	#471-Airport Fuel Farm
TOTAL		$1,000,000

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #482-Water System Asset Management

I. PROJECT TYPE: Water Treatment

II. LOCATION: Various City locations

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☑ New	M	Safety	N/A	Facility Cond.	L	Productivity			
	☐ Replace	M	Mandates	L	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
	☐ Rebuild	L	O + M Costs	L	Council Goals	M	Timeliness		Long-Range Planning	
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The City's Water Master Plan recommended that the City establish a comprehensive asset management program.

An Asset Management Program, within the context of the water system, entails the combination of management, financial, economic, engineering, and other practices as applied to the water system's physical assets with the objective of providing the required level of service in the most cost-effective manner.

Asset Management includes the management of the entire lifecycle of the infrastructure assets, including design, construction, commissioning, operating, maintaining, repairing, modifying, replacing and decommissioning/disposal of infrastructure at the end of its useful life.

This effort shall include an analysis by outside experts to assist with the development of the program's scope and resource requirements. This effort shall also include a "gap analysis", which is a business assessment tool that enables organizations to compare actual performance with its potential performance, as compared to similar top performing organizations in the industry.

SERVICE IMPACT: Compliance with GASB 34. Benefits include helping management to document a baseline reference point to measure improvement and guide short term and long term recommendations including multi year budget estimates.

IMPACT IF NOT FUNDED: Lack of data for informed long-term planning could result in waste and service inefficiencies.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT: 0

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

PROJECT: GS-WATER #482-Water System Asset Management

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	0	0	0	0	0	75,000	0	0	0	75,000
	Total	0	0	0	0	0	0	75,000	0	0	0	75,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2033	Water G.O. Bonds	75,000	Upgrade of asset management hardware and software.
		$75,000	2033 Subtotal
	TOTAL	$75,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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

I. PROJECT TYPE: Airport

II. LOCATION: Concord Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:	☑ New	H	Safety	L	Facility Cond.	L	Productivity		
	☐ Replace	H	Mandates	L	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.
	☐ Rebuild	L	O + M Costs	L	Council Goals	N/A	Timeliness	Airport	
	☐ 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 (RPZs).

Investments include management of tall vegetation and other potential obstructions.

Grant contracts with the US FAA and State of New Hampshire for major capital improvement projects completed at the Airport over the last several years require the City to undertake certain periodic runway protection zone improvements in order to ensure 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)

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

VI. PROJECT FUND SUMMARY

Fund Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other State	0	11,400	0	0	0	0	0	0	0	0	11,400
Other Federal	0	205,200	0	0	0	0	0	0	0	0	205,200
Airport Capital Transfer	0	11,400	0	0	0	0	0	0	0	0	11,400
Total	0	228,000	0	0	0	0	0	0	0	0	228,000

VII. PROJECT FUND DETAIL

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

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #502-Whitney Road Extension

I. PROJECT TYPE: Streets New Construction

II. LOCATION: Roadway extension southerly of existing Whitney Road terminus to Sewalls Falls Road.

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑	New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity		
☐	Replace	N/A	Mandates	L	Service Def.	M	Tax Base Exp.	H	City Master Pl.
☐	Rebuild	M	O + M Costs	M	Council Goals	L	Timeliness		Corridor Improvements

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

DESCRIPTION: The purpose of this project is to extent Whitney Road southerly from its current terminus near the Penacook Waste to Energy Plant to Sewalls Falls Road for the purpose of promoting economic development, as well as improving the efficiency of the local highway system.

The new roadway would also feature the following utilities: natural gas, potable water, and sanitary sewer.

The anticipated route of new roadway will generally follow the existing water main easement between Whitney Road and Sewalls Falls Road.

SERVICE IMPACT: The project will provide access to landlocked real estate north of the Concord Monitor to foster development, tax base expansion, as well as other economic development goals and objectives. The project also improves the efficiency of the local road network by connecting Sewalls Falls Road to US Route 4 and Exit 17 on Interstate 93. Project will result in future maintenance costs for the community.

IMPACT IF NOT FUNDED: Reduces economic development opportunities in northerly development corridor.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2009 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000
	Total	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000

PROJECT: CD-ENGINEERING SERVICES #502-Whitney Road Extension

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2036	General Donations	25,000,000	Design and construction of Whitney Road Extension to Sewalls Falls Road, including bridges/culverts across Burnham and Hayward Brooks as well as related utility improvements.
		$25,000,000	2036 Subtotal
	TOTAL	$25,000,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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:											
	☑ New	L	Safety	L	Facility Cond.	L	Productivity				
	☐ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.		
	☑ Rebuild	L	O + M Costs	L	Council Goals	L	Timeliness	Airport			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The FY2006 Master Plan recommended the expansion of parking areas adjacent to the terminal building to support increased parking demand associated with special events, such as the annual NASCAR races held at the NH Motor Speedway in Loudon each summer.

SERVICE IMPACT: The project results in expanded parking for special events. Some events may result in additional revenues for the facility.

IMPACT IF NOT FUNDED: Status quo conditions will remain unchanged. Potential expanded use of the airport for special community events will remain untapped.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport	G.O. Bonds	0	0	0	0	0	0	0	0	176,000	0	176,000
	Total	0	0	0	0	0	0	0	0	176,000	0	176,000

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

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2035	Airport G.O. Bonds	176,000	Create overflow turf parking lot per the 2006 Airport Master Plan.
		$176,000	2035 Subtotal
	TOTAL	$176,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #515-Golf Course Winter Recreation Improvements

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Beaver Meadow Golf Course

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑ New	N/A	Safety	M	Facility Cond.	M	Productivity			
☐ Replace	N/A	Mandates	M	Service Def.	L	Tax Base Exp.	L	City Master Pl.	
☐ Rebuild	L	O + M Costs	N/A	Council Goals	L	Timeliness			

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

DESCRIPTION: The purpose of this project is to facilitate implementation of winter recreational activities at the Beaver Meadow Golf Course in order to expand year round use of this community asset. Specifically, the project shall provide funding for acquisition of equipment and infrastructure improvements to support cross country skiing, skating and sledding and other winter recreational programs.

SERVICE IMPACT: Expanded seasonal use will enhance the communities recreational opportunities and potentially become a source of new revenues for the Golf Fund. Increased operating and maintenance costs to maintain infrastructure and for long-term equipment replacement.

IMPACT IF NOT FUNDED: Winter recreational opportunities for residents will remain unchanged.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	0	0	0	0	0	0	0	100,000	50,000	150,000
	Total	0	0	0	0	0	0	0	0	100,000	50,000	150,000

PROJECT: REC-GROUNDS #515-Golf Course Winter Recreation Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2035	General	Donations	100,000	Design and permiting adding two additional snow making fan guns on the course to improve xc ski conditions.
			$100,000	2035 Subtotal
2036	General	Donations	50,000	Phase 3 of Ski The Beav Plan. Add limited lights to trails on the driving range to increase use of the xc trails during the winter months
			$50,000	2036 Subtotal
	TOTAL		$150,000	

PROJECT: CD-ENGINEERING SERVICES #518-Bridge and Dam Maintenance / Repairs

I. PROJECT TYPE: Bridges

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐ New	H	Safety	M	Facility Cond.	M	Productivity			
☑ Replace	H	Mandates	H	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness			

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

DESCRIPTION: This project is intended to provide funding for major maintenance or repair work on the City's bridges and dams as mandated by NH Department of Transportation, NH Department of Environmental Services, Federal Highway Administration, but not full reconstruction.

As of April 2015, the City owned and maintained 20 bridges and 14 dams.

SERVICE IMPACT: Maintain structural integrity and repair of the City's bridge and dam inventory with no change in regular maintenance costs.

IMPACT IF NOT FUNDED: Continued deterioration of major bridge and dam components resulting in increased maintenance costs and potential for restricted use (load limits and safety violations).

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2010 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	400,000	0	0	0	0	0	0	400,000
General	Highway Reserve	0	0	0	125,000	0	100,000	0	0	0	0	225,000
	Total	0	0	0	525,000	0	100,000	0	0	0	0	625,000

PROJECT: CD-ENGINEERING SERVICES #518-Bridge and Dam Maintenance / Repairs

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2030	General	G.O. Bonds	400,000	Rehabilitation of a structurally deficient section of the Turtle Town Pond Dam.
	General	Highway Reserve	125,000	Pressure wash and seal the following bridges: Delta Drive over Pedestrian Walk (142/113) Langley Parkway over Pedestrian Walk (173/071) Village Street over Contoocook River (040/070) Washington Street over Mill Outlet (048/082)
			$525,000	2030 Subtotal
2032	General	Highway Reserve	100,000	Hero's Bridge - In water scour inspection of pier and east abutment, extend bridge railing off of bridge and trail maintenance.
			$100,000	2032 Subtotal
	TOTAL		$625,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #519-Manchester Street/Old Turnpike Road Intersection Improvements

I. PROJECT TYPE: Intersections

II. LOCATION: Manchester Street and Old Turnpike Road

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐ New	H	Safety	M	Facility Cond.	H	Productivity			
☐ Replace	M	Mandates	H	Service Def.	L	Tax Base Exp.	L	City Master Pl.	
☑ Rebuild	L	O + M Costs	H	Council Goals	H	Timeliness			

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

DESCRIPTION: Following the completion of Regional Drive in 2005, traffic within the Manchester Street/Old Turnpike Road/Regional Drive corridor has continued to grow. As a result, recent changes to signal timing at the Manchester Street and Old Turnpike Road has improved levels of service. However, with traffic growth expected in the near term, intersection geometry improvements will be required.

NHDOT to include this project with the Bow/Concord I-93 Expansion Project.

This project includes traffic signal design and expansion of the Old Turnpike Road approach to two (2) right turn lanes unto Manchester Street. This project will be coordinated with the ongoing design efforts at Terrill Park.

SERVICE IMPACT: Improved vehicle safety and increased capacity in this designated arterial corridor.

IMPACT IF NOT FUNDED: Continued congestion and reduced levels of service at the intersection.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2010 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	0	0	2,200,000	0	0	0	0	0	0	2,200,000
	Total	0	0	0	2,200,000	0	0	0	0	0	0	2,200,000

PROJECT: CD-ENGINEERING SERVICES #519-Manchester Street/Old Turnpike Road Intersection Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	General Donations	2,200,000	Design and construction of improvements to Old Turnpike Road approach to Manchester Street including modifications to the existing traffic signal.
		$2,200,000	2030 Subtotal
	TOTAL	$2,200,000	

PROJECT: CD-ENGINEERING SERVICES #520-Intersection Safety Improvements

I. PROJECT TYPE: Intersections

II. LOCATION: Various Locations Throughout the City

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	H	Facility Cond.	H	Productivity				
	☐ Replace	M	Mandates	H	Service Def.	L	Tax Base Exp.	L	City Master Pl.		
	☑ Rebuild	L	O + M Costs	M	Council Goals	H	Timeliness				
	☑ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to modify certain street intersections to improve geometry and improve safety.

With continued focus on intersection safety, the Traffic Operations Committee outlined specific intersections with skewed geometry, multiple side-street approaches, sight distance limitations, and potential for high-speed turns. Each project is intended to be scheduled concurrently with the annual paving program (CIP #78) to reduce costs and improve safety and traffic operations.
Project improvements typically include realigning the side-street intersection approaches to a traditional "T" type intersection configuration. Final intersection option will be reviewed with City Council.

SERVICE IMPACT: Improved vehicle safety and sight distance at the intersection.

IMPACT IF NOT FUNDED: Continued safety concern and limited sight distance.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2010 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Highway Reserve	0	0	100,000	0	100,000	0	100,000	0	100,000	0	400,000
	Total	0	0	100,000	0	100,000	0	100,000	0	100,000	0	400,000

PROJECT: CD-ENGINEERING SERVICES #520-Intersection Safety Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2029	General Highway Reserve	100,000	Reconstruct the Mountain Road / Sanborn Road Intersection.
		$100,000	2029 Subtotal
2031	General Highway Reserve	100,000	Reconstruct the Carter Hill Road / Lakeview Drive Intersection.
		$100,000	2031 Subtotal
2033	General Highway Reserve	100,000	Reconstruct the Graham Road / Snow Pond Road Intersection.
		$100,000	2033 Subtotal
2035	General Highway Reserve	100,000	Reconstruct the Borough Road / Fowler Street Intersection.
		$100,000	2035 Subtotal
	TOTAL	$400,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: POLICE - OPERATIONS #521-Police Firearms Range Improvements

I. PROJECT TYPE: Public Buildings

II. LOCATION: Concord Police Firearms Range

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	L	Facility Cond.	N/A	Productivity				
	☐ Replace	L	Mandates	M	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☑ Rebuild	H	O + M Costs	N/A	Council Goals	L	Timeliness		Other		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to provide for periodic repair and refurbishment of the Concord Police Department Firearms Range. Improvements include repair and replacement of the training shoot house, range, driveways, berms, and associated facilities.

Phase I was completed in FY2014. Improvements included removal reconstruction of protective berms and removal of heavy metals. A new retaining wall was also constructed.

Phase II of the project involves removing the existing awning and replacing it with a new one. Also, paving the pistol range itself. Current pavement is more than 25 years old. It is worn, cracked and a tripping hazard in places.

SERVICE IMPACT: Failure to maintain the range could result in closure of the facility. This would have a negative impact on the ability of police officers to train and maintain fire arms certifications.

IMPACT IF NOT FUNDED: Firearms training and qualification is mandatory for police officers. If the range continues to deteriorate, it will be rendered unusable for training and qualifications. Police officers will have to travel out of town for training and qualifications. Police officers are required to qualify twice each year.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Transfer	0	0	0	0	0	0	0	0	75,000	0	75,000
	Total	0	0	0	0	0	0	0	0	75,000	0	75,000

PROJECT: POLICE - OPERATIONS #521-Police Firearms Range Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2035	General	Capital Transfer	50,000	Remove lead from berms, restore berms, replace range wall timbers as necessary.
	General	Capital Transfer	25,000	Phase III: Update range security to include new gates, fencing repairs if needed and signage.
			$75,000	2035 Subtotal
	TOTAL		$75,000	

PROJECT: POLICE - OPERATIONS #522-Patrol Rifle Replacements

I. PROJECT TYPE: Public Safety

II. LOCATION: Concord Police Department

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☑ New	M	Safety	N/A	Facility Cond.	N/A	Productivity				
	☑ Replace	L	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Other		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis										

DESCRIPTION: The purpose of this project is to provide funding for the routine issuance and replacement of the Police Department's rifles.

SERVICE IMPACT: Project will expand the Police Department's inventory of individually issued rifles, as well as upgrade the optics and lighting on new and existing rifles. The Department is seeking sufficient supply of rifles so as they may be individually assigned to officers rather than used as a pooled resource.

IMPACT IF NOT FUNDED: Not all officers will be assigned patrol rifles. This limits the ability of rifles to be deployed when necessary due to the specific threat of an incident. This potentially affects officer safety, as well as the safety of community members.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Transfer	0	0	0	0	0	0	0	30,000	0	0	30,000
General	G.O. Bonds	10,000	0	0	30,000	30,000	0	0	0	0	0	70,000
	Total	10,000	0	0	30,000	30,000	0	0	30,000	0	0	100,000

PROJECT: POLICE - OPERATIONS #522-Patrol Rifle Replacements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2027	General	G.O. Bonds	10,000	Patrol Rifle Replacement. Initiation of a maintenance program and update of the rifle replacement program.
			$10,000	2027 Subtotal
2030	General	G.O. Bonds	30,000	Patrol Rifle Replacement.. Routine patrol rifle replacement program based on a 10 year service life.
			$30,000	2030 Subtotal
2031	General	G.O. Bonds	30,000	Phase II Patrol Rifle Replacement. Replacement of up to 30 patrol rifles that are at the end of the 10 year service life.
			$30,000	2031 Subtotal
2034	General	Capital Transfer	30,000	Phase III, Regular patrol replacement. Replacement of up to 30 patrol rifles that are at the end of the 10 year service life.
			$30,000	2034 Subtotal
	TOTAL		$100,000	

PROJECT: FIRE #527-Fire Department EMS Equipment Replacement

I. PROJECT TYPE: Public Safety

II. LOCATION: All City Ambulances, Police Vehicles & City Buildings.

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐	New	L	Safety	N/A	Facility Cond.	L	Productivity		
☑	Replace	L	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	N/A	O + M Costs	M	Council Goals	M	Timeliness		

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

DESCRIPTION: The systematic replacement of the cardiac monitors and automated external defibrillators (AEDs) used by the Fire Department, Police Department, and are also publicly accessible in City buildings.

SERVICE IMPACT: Routine replacement of equipment maintains the City's EMS capabilities.

IMPACT IF NOT FUNDED: Fire Department Cardiac Monitors are at end of life and need immediate replacement. Parts are no longer available through the vendor. Not replacing would put the public at risk due to potential failure.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2004 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 7 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	180,000	70,000	20,000	0	0	0	0	1,000,000	0	144,000	1,414,000
	Total	180,000	70,000	20,000	0	0	0	0	1,000,000	0	144,000	1,414,000

PROJECT: FIRE #527-Fire Department EMS Equipment Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	85,000	Required replacement of Power Pro Transport stretchers.(Q8)
	General G.O. Bonds	80,000	Replace four (4) mechanical CPR devices (Q10)
	General G.O. Bonds	15,000	Systematic replacement of six (6) Nitrox Units
		$180,000	2027 Subtotal
2028	General G.O. Bonds	70,000	Systematic Replacement of EMS Training Mannequins (Q10)
		$70,000	2028 Subtotal
2029	General G.O. Bonds	20,000	Systematic replacement of IV Pumps. (Q7)
		$20,000	2029 Subtotal
2034	General G.O. Bonds	1,000,000	Replacement of cardiac monitors and associated equipment used on all Fire Department and Police Department vehicles, as well as those located within all city buildings and Parks & Rec. Total of 30 AED units. (Q10)
		$1,000,000	2034 Subtotal
2036	General G.O. Bonds	90,000	Replace four (4) existing Mechanical CPR devices
	General G.O. Bonds	54,000	Systematic replacement of six (6) IV Pumps.
		$144,000	2036 Subtotal
	TOTAL	$1,414,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CITY MANAGER /OPERATION #529-Storrs Street Parking Garage (Formerly Capital Commons)

I. PROJECT TYPE: Parking

II. LOCATION: 75 Storrs Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	L	Facility Cond.	N/A	Productivity			
	☐ Replace	L	Mandates	L	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
	☑ Rebuild	N/A	O + M Costs	N/A	Council Goals	H	Timeliness		Parking	

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

DESCRIPTION: The purpose of this project is to provide for improvements to the Storrs Street Parking Garage (formerly known as the Capital Commons Municipal Parking Garage). The 177,000SF facility opened in July 2007. It originally contained 516 spaces; however, 3 spaces were converted into storage space for the Downtown Services Team in 2016.

Proposed improvements include, but are not limited to, concrete repairs, deck sealing and waterproofing, repair and replacement of expansion joints, elevator improvements, drainage repairs, as well as lighting, surveillance, and signage improvements.

SERVICE IMPACT: Routine investment by the City will ensure the facility's long-term viability (both structurally and economically), improve safety and convenience for users, as wel as support economic development efforts in downtown.

IMPACT IF NOT FUNDED: Deferred maintenance could render all, or a portion, of the garage unusable. This would result in a loss of revenue for the Parking Fund, as well as reduction in the supply of parking spaces downtown, thereby potentially having a negative effect on nearby businesses and residences. Continued deterioration of the facility will likely result in more costly and substantial repairs. In addition, failure to properly maintain the structure could, in the extreme, potentially require the City to close the facility due to safety concerns.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2011 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	0	0	1,815,000	0	0	0	11,000,000	0	0	0	12,815,000
	Total	0	0	1,815,000	0	0	0	11,000,000	0	0	0	12,815,000

PROJECT: CITY MANAGER /OPERATION #529-Storrs Street Parking Garage (Formerly Capital Commons)

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2029	Parking G.O. Bonds	1,815,000	5 year repair and refresh following work completed in August 2022 (FY2023). As needed minor concrete repairs, waterproofing repairs and replacement, replacement of security cameras installed in FY2020, as well as design services and contingency.
		$1,815,000	2029 Subtotal
2033	Parking G.O. Bonds	11,000,000	Comprehensive repair and renovation of the Storrs Street Parking Garage (25 year renovation). Repair / replace mechanical systems, repair / replace plumbing system, upgrade lighting fixtures and security cameras, replace elevator, as well as design services and contingency.
		$11,000,000	2033 Subtotal
	TOTAL	$12,815,000	

PROJECT: REC-GROUNDS #530-Golf Course Equipment

I. PROJECT TYPE: Golf

II. LOCATION: Beaver Meadow Golf Course

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	M	Safety	M	Facility Cond.	M	Productivity				
	☑ Replace	L	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	N/A	O + M Costs	N/A	Council Goals	M	Timeliness		Motor Vehicle Equipment		

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

DESCRIPTION: The purpose of this project is to provide for routine replacement of golf course vehicles and equipment.

SERVICE IMPACT: Routine investments in golf course equipment allows grounds crews to use more reliable and efficient equipment to complete maintenance tasks, thereby helping to maximize available course time for players.

IMPACT IF NOT FUNDED: Lack of reliable equipment could result in reduced quality of course conditions or increased inefficiency of maintenance operations, thereby resulting in player dissatisfaction, potential loss of market share, and reduced revenues.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Golf	G.O. Bonds	100,000	35,000	90,000	35,000	90,000	90,000	35,000	65,000	80,000	45,000	665,000
	Total	100,000	35,000	90,000	35,000	90,000	90,000	35,000	65,000	80,000	45,000	665,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Golf G.O. Bonds	65,000	Update Triplex Mower
	Golf G.O. Bonds	35,000	Purchase Dedicated Greens Roller
		$100,000	2027 Subtotal

PROJECT: REC-GROUNDS #530-Golf Course Equipment

2028	Golf G.O. Bonds	35,000	Update One Utility Vehicle
		$35,000	2028 Subtotal
2029	Golf G.O. Bonds	90,000	Replace One Rough Mower
		$90,000	2029 Subtotal
2030	Golf G.O. Bonds	35,000	Replace One Aerator
		$35,000	2030 Subtotal
2031	Golf G.O. Bonds	90,000	Replace One Rough Mower
		$90,000	2031 Subtotal
2032	Golf G.O. Bonds	90,000	Replace Fairway Mower
		$90,000	2032 Subtotal
2033	Golf G.O. Bonds	35,000	Replace Sand Pro Bunker Rake
		$35,000	2033 Subtotal
2034	Golf G.O. Bonds	65,000	Replace Triplex Mower
		$65,000	2034 Subtotal
2035	Golf G.O. Bonds	80,000	Update Fairway Mower
		$80,000	2035 Subtotal
2036	Golf G.O. Bonds	45,000	Purchase Small Utility Tractor
		$45,000	2036 Subtotal
	TOTAL	$665,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

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:										
	☑ New	M	Safety	N/A	Facility Cond.	L	Productivity			
	☐ Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.	
	☐ Rebuild	L	O + M Costs	L	Council Goals	L	Timeliness	Airport		
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: This project provides for routine maintenance and improvement of 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)

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

VI. PROJECT FUND SUMMARY

Fund Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Airport Capital Transfer	0	0	0	9,162	41,250	66,000	0	0	0	0	116,412
Other Federal	0	0	0	165,000	742,500	1,188,000	0	0	0	0	2,095,500
Other State	0	0	0	9,162	41,250	66,000	0	0	0	0	116,412
Total	0	0	0	183,324	825,000	1,320,000	0	0	0	0	2,328,324

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	Other Federal	165,000	Design reconstruction and expansion of tie-down area. Federal share.
	Airport Capital Transfer	9,162	City share.
	Other State	9,162	State share.
		$183,324	2030 Subtotal
2031	Other Federal	742,500	Construct approximately 2 acres of new aircraft tie down aprons. Federal share.
	Other State	41,250	State share.
	Airport Capital Transfer	41,250	City share.
		$825,000	2031 Subtotal
2032	Other Federal	1,188,000	Reconstruct existing aircraft tie down aprons. Federal share.
	Airport Capital Transfer	66,000	City share.
	Other State	66,000	State share.
		$1,320,000	2032 Subtotal
	TOTAL	$2,328,324	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #536-Hangar Replacement

I. PROJECT TYPE: Airport

II. LOCATION: Municipal Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	L	Safety	M	Facility Cond.	L	Productivity			
☑	Replace	H	Mandates	L	Service Def.	L	Tax Base Exp.	M	City Master Pl.	
☐	Rebuild	M	O + M Costs	N/A	Council Goals	N/A	Timeliness		Airport	

☐ 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 exceeded 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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other	Federal	0	0	0	0	0	0	0	0	1,624,700	0	1,624,700
Other	State	0	0	0	0	0	0	0	0	89,650	0	89,650
Airport	Capital Transfer	0	0	0	0	0	0	0	0	89,650	0	89,650
	Total	0	0	0	0	0	0	0	0	1,804,000	0	1,804,000

PROJECT: CD-ENGINEERING SERVICES #536-Hangar Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2035	Other Federal	1,100,000	Replace hangar 2 and 3 (Federal share)
	Other Federal	524,700	Replace Hangar 1. Federal share.
	Other State	60,500	Replace hangar 2 and 3 (State share)
	Airport Capital Transfer	60,500	Replace hangar 2 and 3 (City share)
	Other State	29,150	Replace Hangar 1. State share.
	Airport Capital Transfer	29,150	Replace Hanger 1. City share.
		$1,804,000	2035 Subtotal
	TOTAL	$1,804,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #543-Merrimack River Greenway Trail Project

I. PROJECT TYPE: Sidewalks and Streetscapes

II. LOCATION: City-wide along Merrimack River Corridor

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☑ New	L	Safety	N/A	Facility Cond.	N/A	Productivity			
	☐ Replace	N/A	Mandates	L	Service Def.	M	Tax Base Exp.	M	City Master Pl.	
	☐ Rebuild	M	O + M Costs	M	Council Goals	L	Timeliness		Sidewalks	
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to implement creation of the Merrimack River Greenway Trail. Addresses Council Goal #8.

The Merrimack River Greenway Trail is envisioned to be a continuous, off-street path, roughly following the Merrimack River connecting the eventual terminus of the Northern Rail Trail to the north and the proposed Salem to Concord Bikeway to the south. The path is intended to be a 4-season paved facility, to serve pedestrians, bicyclists, skiers, snowshoers and other non motorized users, and to be universally accessible to the maximum extent practical.

Included as a major project initiative in the comprehensive Bicycle Master Plan, the project is intended to serve both transportation and recreation purposes, connecting villages, providing access to the River and adjacent open space, providing safe and inviting health and fitness opportunities. The Path will provide river views and access when possible, and it will follow a somewhat north-south route to facilitate transportation use. It is consistent with the Concord 2030 Master Plan and Concord's Vision for 2020 by connecting neighborhoods and re-connecting Concord to the River.

In 2019-2020, City, local, and Land and Water Conservation funds were used to design, permit, and construct the first 1,600 feet of the paved trail through Terrill Park just north of Manchester Street. In the fall of 2023, City Council appropriated $130,000 of city funds and $575,000 of grants and donations to construct the section of trail through the Gully Hill Road agricultural fields, with construction completed in Fall 2024.

This project is contingent upon raising significant funds from other non-City sources, such as grants from the State and Federal governments as well as donations from local interest groups and stakeholders.

SERVICE IMPACT: Improved recreational / transportation opportunities for non-motorized means. Increase in operations and maintenance budget due to resurfacing, sweeping and management of vegetation. Snow removal will not be necessary as this trail is to provide an opportunity for winter recreation / transportation.

PROJECT: REC-GROUNDS #543-Merrimack River Greenway Trail Project

IMPACT IF NOT FUNDED: Failure to meet key objectives set out in the Master Plan 2030, the Conservation Commission's Endowment for the 21st Century Conservation & Open Space Initiative, and Concord 2020 Vision principles. Options for walking and bicycling will be limited to street, sidewalks, or un-improved hiking trails, leaving a gap in outdoor recreation opportunities. Long distance trails arriving from the north and south will terminate at the Concord line with no through connection. Many connections between open spaces and recreational trails will not be met. An opportunity to help the city meet its goals to re-connect to the Merrimack River will be missed. An opportunity to diversify Concord's transportation system by adding green, healthy, non-motorized options will be missed.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	65,000*	50,000	22,000	0	0	500,000	0	0	0	0	637,000
Other	State	263,100*	0	132,000	0	0	4,055,350	0	0	0	0	4,450,450
General	G.O. Bonds	0	200,000	10,000	0	600,000	520,000	0	0	0	0	1,330,000
	Total	328,100	250,000	164,000	0	600,000	5,075,350	0	0	0	0	6,417,450

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Other State	263,100	Phase 3 Boardwalk: Design and permitting connection between Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields) - TAP Funding State Portion
	General Donations	65,000	Phase 3 Boardwalk: Design and permitting connection between Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields)
		$328,100	2027 Subtotal
2028	General G.O. Bonds	200,000	Phase 5 Rail Trail : Preliminary Design of Rail Trail from Horseshoe Pond Lane to Sewalls Falls Road
	General Donations	50,000	Final Design - Full Length of Rail Trail
		$250,000	2028 Subtotal
2029	Other State	132,000	Phase 3 Boardwalk: Final Design and Permitting of connection of Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields) - TAP Funding State Portion
	General Donations	22,000	Phase 3 Boardwalk: Final Design and Permitting of connection of Phase 1 (Terrill Park) and Phase 2

PROJECT:	REC-GROUNDS	#543-Merrimack River Greenway Trail Project		
				(Gully Hill fields)
	General	G.O. Bonds	10,000	Phase 3 Boardwalk: Final Design and Permitting of connection of Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields) - TAP Funding City Portion
			$164,000	2029 Subtotal
2031	General	G.O. Bonds	600,000	Design and construction of Phases 4 - 5 of the MRGT, located between Loudon Road and Sewalls Falls Road, to be funded with a mix of grants, donations and City funds. City portion of project (10%) assuming additional donations cannot cover the "match". Total estimated costs: $6,000,000 (for the remaining phases) Design: $750,000 Construction: $5,250,000
			$600,000	2031 Subtotal
2032	Other	State	4,055,350	Construction of Phase 3 Boardwalk [connecting Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields)]
	General	G.O. Bonds	520,000	Construction of Phase 3 Boardwalk [connecting Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields)]
	General	Donations	500,000	Construction of Phase 3 Boardwalk [connecting Phase 1 (Terrill Park) and Phase 2 (Gully Hill fields)]
			$5,075,350	2032 Subtotal
	TOTAL		$6,417,450	

PROJECT: GS-PUBLIC PROPERTIES #551-Library Maintenance

I. PROJECT TYPE: Public Buildings

II. LOCATION: Main Library and Penacook Branch Library

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	L	Facility Cond.	L	Productivity			
	☑ Replace	L	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
	☑ Rebuild	N/A	O + M Costs	L	Council Goals	L	Timeliness		Public Facilities	
	☑ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: The purpose of this project is to provide for routine maintenance, repair, renovation, and refurbishment of the City's Green Street and Penacook Branch libraries.

SERVICE IMPACT: Routine investments results in safe, functional facilities for the community.

IMPACT IF NOT FUNDED: Facilities may become unserviceable, occupant safety would be compromised. Buildings will continue to deteriorate. Water infiltration could damage / ruin portions of the library's collection. Employee morale and civic pride will be negatively impacted.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 15 Expected Bond Term (in Years) 15

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	30,000	625,000	1,500,000	0	0	0	0	0	0	0	2,155,000
	Total	30,000	625,000	1,500,000	0	0	0	0	0	0	0	2,155,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund	Type	Amount	Action
2027	General	G.O. Bonds	30,000	Refurbish HVAC system and controls. (Green Street) - Engineering only.
			$30,000	2027 Subtotal

PROJECT:		GS-PUBLIC PROPERTIES	#551-Library Maintenance	
2028	General	G.O. Bonds	400,000	Window refurbishment/replacement. (Green Street)
	General	G.O. Bonds	225,000	Library Elevator Replacement. (Green Street)
			$625,000	2028 Subtotal
2029	General	G.O. Bonds	1,500,000	HVAC and Controls System Upgrade - Construction
			$1,500,000	2029 Subtotal
	TOTAL		$2,155,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: POLICE - OPERATIONS #555-Handgun Replacement

I. PROJECT TYPE: Public Safety

II. LOCATION: Police Department

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	L	Facility Cond.	N/A	Productivity				
	☑ Replace	L	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	H	O + M Costs	L	Council Goals	M	Timeliness				

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

DESCRIPTION: The purpose of this project is to provide funding for the routine replacement of Police Department handguns. To assure reliability, service weapons are replaced after approximately 10 years of service.

SERVICE IMPACT: Older service weapons become susceptible to reliability concerns and require increased maintenance.

IMPACT IF NOT FUNDED: Reliability and safety could be compromised. Increased maintenance costs to maintain older service weapons.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	120,000	0	0	0	0	0	0	0	0	0	120,000
	Total	120,000	0	0	0	0	0	0	0	0	0	120,000

PROJECT: POLICE - OPERATIONS #555-Handgun Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	120,000	Replace handguns purchased in FY 2017.
		$120,000	2027 Subtotal
	TOTAL	$120,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #557-Memorial Field

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: 70 South Fruit Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	H	Facility Cond.	N/A	Productivity			
	☐ Replace	M	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☑ Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness		Parks	

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

DESCRIPTION: The purpose of this project is to establish a capital improvement program for Memorial Field. Projects herein are intended to repair and refurbish existing infrastructure, as well as construct new amenities to serve the community. Improvements include: field improvements, drainage improvements, bleachers replacement, building repairs, court refurbishment, and lighting.

In collaboration with the City and Concord School District, a comprehensive study was recently conducted to assess the current conditions and formulate a new Master Plan for the Complex. This Master Planning phase was jointly funded by the City and School District in June 2023. Through extensive community engagement and feedback sessions, we have developed a Master Plan for the complex and cost estimates for the complete revitalization of the Memorial Field Complex.

The proposed plan recommends a multi-phased approach, demonstrating our commitment to delivering these improvements over the coming years.

SERVICE IMPACT: Routine maintenance of preserves and improves usability of Memorial Field amenities.

IMPACT IF NOT FUNDED: Deferred maintenance can lead to more significant and expensive repairs in the future, which is why it is crucial to address these issues promptly. Additionally, having obsolete facilities can result in decreased utilization and diminished customer satisfaction, impacting our overall operations..

Several amenities at the complex that will need to be closed in the near future due to unsafe conditions and liability concerns

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years)

PROJECT: REC-GROUNDS #557-Memorial Field

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	0	5,850,000	0	0	6,950,000	0	0	0	0	0	12,800,000
General	G.O. Bonds	0	5,850,000	0	0	6,950,000	0	0	0	0	0	12,800,000
	Total	0	11,700,000	0	0	13,900,000	0	0	0	0	0	25,600,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	General Donations	5,850,000	Phase 1: Per Master Plan to include: new parking area, new track with field, new bleachers and some field drainage improvements around the complex: (School District Portion) Phase 1 (Track/Field/Parking): $6,200,000 Phase 1 (New Building: Maintenance, bathrooms, team rooms): $5,500,000
	General G.O. Bonds	5,850,000	Phase 1: Per Master Plan to include: new parking area, new track with field, new bleachers and some field drainage improvements around the complex: (City Portion) Phase 1 (Track/Field/Parking): $6,200,000 Phase 1 (New Building: Maintenance, bathrooms, team rooms): $5,500,000
		$11,700,000	2028 Subtotal
2031	General Donations	6,950,000	Phase Two construction (A-E at $13.9 million) School District Portion Phase 2A (Multi Purpose Athletic Field): $5,300,000 Phase 2B (Baseball Field Renovation): $2,600,000 Phase 2C (Softball Field Renovation): $1,600,000 Phase 2D (Basketball & Tennis Courts): $2,200,000 Phase 2E (Natural Grass Fields & Drainage): $2,200,000
	General G.O. Bonds	6,950,000	Phase Two construction (A-E at $13.9 million) City Portion Phase 2A (Multi Purpose Athletic Field): $5,300,000 Phase 2B (Baseball Field Renovation): $2,600,000 Phase 2C (Softball Field Renovation): $1,600,000 Phase 2D (Basketball & Tennis Courts): $2,200,000 Phase 2E (Natural Grass Fields & Drainage): $2,200,000
		$13,900,000	2031 Subtotal

PROJECT:	REC-GROUNDS	#557-Memorial Field	
TOTAL			$25,600,000

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: FIRE #560-Fire Training Facility

I. PROJECT TYPE: Public Safety

II. LOCATION: Old Turnpike Road

III. PROJECT OBJECTIVES AND BACKGROUND

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

DESCRIPTION: The purpose of this project is to support repair, replacement, and expansion of the City's Fire Training Facility.

In 2005, the City completed a needs assessment of the existing Loudon Road training facility adjacent to the Everett Arena. This study recommended that the existing facility be abandoned due to variety of inadequacies, safety concerns, as well as conflicts with adjacent land uses (i.e. the Arena, Kiwanis Park, and the skate board park). The 2005 study also included a City wide search for a new facility and concluded that a new training grounds should be constructed at the City's Old Turnpike Road landfill site.

In FY 2009, the City appropriated $150,000 for the design of a new fire training facility. Because of the use of in-house staff, the cost of design was reduced to $40,000.

In FY 2018, the City appropriated funding for the construction of the new training facility. Supplemental funds were appropriated in FY2019. Construction of the new facility on Old Turnpike Road was completed in FY 2020.

SERVICE IMPACT: Periodic investment in the Fire Training Facility ensures that the facility remains operational thereby maximizing opportunities for routine training of personnel. Routine training is important in order to maintain public safety.

IMPACT IF NOT FUNDED: Inability to provide effective training on an ongoing basis thus potentially negatively affecting daily operations.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years)

PROJECT: FIRE #560-Fire Training Facility

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	1,100,000	0	0	30,000	165,000	1,295,000
	Total	0	0	0	0	0	1,100,000	0	0	30,000	165,000	1,295,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2032	General G.O. Bonds	1,100,000	Replace Conex containers at the Fire Training Facility.
		$1,100,000	2032 Subtotal
2035	General G.O. Bonds	30,000	Systematic replacement of Fire Training Facility furniture and AV equipment (Q10)
		$30,000	2035 Subtotal
2036	General G.O. Bonds	150,000	Fire Training Facility paving. (Q15)
	General G.O. Bonds	15,000	Fire Training Facility training door prop. (Q10)
		$165,000	2036 Subtotal
	TOTAL	$1,295,000	

PROJECT: FIRE #561-Fire Alarm Infrastructure Replacement

I. PROJECT TYPE: Public Safety

II. LOCATION: Citywide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
	☑ New	H	Safety	H	Facility Cond.	N/A	Productivity		
	☑ Replace	L	Mandates	H	Service Def.		Tax Base Exp.		City Master Pl.
	☐ Rebuild	N/A	O + M Costs		Council Goals		Timeliness		

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

DESCRIPTION: This project provides for the systematic replacement of fire alarm infrastructure. The existing fire alarm infrastructure ranges in age from new to over 50 years old. The typical service life for most of this equipment is 25-30 years. Increased operating and maintenance costs and more frequent failures have resulted due to lack of maintenance and replacement.

SERVICE IMPACT: Systematic replacement of components will ensure continued system reliability in the future thereby maintaining public safety.

IMPACT IF NOT FUNDED: Deferred maintenance could lead to periodic system failures.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	20,000	0	0	0	0	0	0	0	0	0	20,000
	Total	20,000	0	0	0	0	0	0	0	0	0	20,000

PROJECT: FIRE #561-Fire Alarm Infrastructure Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	20,000	City wide replacement of failing fire alarm cable (Potential for elimination in future budgets if transition to radio boxes is completed prior to FY27) .
		$20,000	2027 Subtotal
	TOTAL	$20,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CITY MANAGER /OPERATION #567-Penacook Riverfront Parks

I. PROJECT TYPE: Parks and Open Space

II. LOCATION: Tanner Street & 11-35 Canal Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	L	Safety	L	Facility Cond.	N/A	Productivity			
☑	Replace	L	Mandates	M	Service Def.	M	Tax Base Exp.	H	City Master Pl.	
☑	Rebuild	L	O + M Costs	L	Council Goals	L	Timeliness		Parks	

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

DESCRIPTION: The purpose of this project is to implement improvements at the Penacook Riverfront Park located on Tanner Street, as well as design and construct a new riverfront park on City owned property located at 11 Canal Street, which was formerly part of the Allied Leather Tannery Complex. This project addresses Council Goal #8.

Property comprising the Tanner Street Riverfront Park was assembled by the City during 1947 - 1982. The last major capital investment for the property occurred in the 1980s. Projects included within this CIP for the Tanner Street Park includes potential acquisition of abutting waterfront property, refurbishment of walkways, lighting, fencing, signage, and landscaping, and installation of a small playground. Improvements may also include a portage for kayaks and other non-motorized watercraft.

The second river front park is a new facility to be constructed on a 2+/- acre portion of the former Allied Leather Tannery site located at 11 Canal Street, Penacook. First conceived in the 1986 "Penacook Sense of Place" Master Plan, the concept of the Canal Street Riverfront Park was subsequently reaffirmed in the 2004 Penacook Mill / Allied Leather Tannery Visioning Charrette and 2015 Penacook Village Master Plan. Proposed improvements will be based on preliminary conceptual designs prepared by Hoyle Tanner in 2012, as well as CMA Engineers / Ironwood Landscape Architects in 2015. Subject to public input and final design, the project includes reconstruction of the Canal Street Municipal Parking Lot, as well as streetscape improvements along Canal Street, to be coordinated with repaving of Canal Street in FY2023 (See CIP #78), to facilitate improved neighborhood connectivity to the Park.

In FY2022, $110,000 of Recreational Impact Fees was appropriated for design and permitting activities. A design team was engaged in March 2022. As part of the FY2023 Budget, the sum of $1,747,729 was appropriated for construction. The Construction Manager was engaged in November 2023. Project is fully designed and permitting will be completed in spring / summer 2023. Construction is anticipated in fall 2023 / spring 2024.

SERVICE IMPACT: Improvements will help revitalize underutilized public properties directly abutting the Contoocook River. In addition, public investment will serve as a catalyst for private investment in abutting properties.

PROJECT: CITY MANAGER /OPERATION #567-Penacook Riverfront Parks

IMPACT IF NOT FUNDED: The Tanner Street facility will continue to deteriorate. Eventually, the facility will become an attractive nuisance and location for illicit activity. A poorly maintained facility will serve as a disincentive for private investment in abutting properties. Failure to proceed with the new park at the former Allied Leather Tannery Site will result in a missed opportunity to improve an important waterfront property, which could foster and support future economic development initiatives within the Village.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other	Federal	0	0	0	500,000	0	0	0	0	0	0	500,000
General	G.O. Bonds	0	0	80,000	500,000	100,000	0	0	0	0	0	680,000
	Total	0	0	80,000	1,000,000	100,000	0	0	0	0	0	1,180,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2029	General G.O. Bonds	80,000	Design and Permitting Tanner Street Park
		$80,000	2029 Subtotal
2030	General G.O. Bonds	500,000	Matching funds to build park improvements.
	Other Federal	500,000	LWCF Grants funds to build park improvements.
		$1,000,000	2030 Subtotal
2031	General G.O. Bonds	100,000	Tanner Street Riverfront Park: Acquisition of abutting private property, including due diligence and legal costs, as well as installation of improvements.
		$100,000	2031 Subtotal
	TOTAL	$1,180,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: REC-GROUNDS #569-Parks and Cemeteries Small Turf Equipment

I. PROJECT TYPE: Other Vehicles

II. LOCATION: Parks and Cemeteries

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	L	Safety	H	Facility Cond.	H	Productivity				
	☑ Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.		
	☐ Rebuild	L	O + M Costs	N/A	Council Goals	M	Timeliness				

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

DESCRIPTION: The purpose of this project is to provide a capital improvement program for the routine replacement of the Parks and Recreation Department's turf equipment. Equipment is used for recreational parks, as well as cemeteries.

SERVICE IMPACT: Routine replacement maintains or improves current levels of service for maintenance of parks and cemeteries, helps provide for more efficient maintenance of facilities due to advances in equipment technology, reduces repair costs and equipment "down time" due to use of new, reliable equipment.

IMPACT IF NOT FUNDED: Continued reliance upon old and outdated equipment will result in less efficient operations due to increased down time associated with equipment failures and repairs. Thereby resulting in leagues/resident/cemetery users dissatisfaction.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	45,000	85,000	65,000	0	95,000	35,000	70,000	0	85,000	75,000	555,000
	Total	45,000	85,000	65,000	0	95,000	35,000	70,000	0	85,000	75,000	555,000

PROJECT: REC-GROUNDS #569-Parks and Cemeteries Small Turf Equipment

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	45,000	Replace 2015 John Deere out front mower (cemetery).
		$45,000	2027 Subtotal
2028	General G.O. Bonds	40,000	Replace 2019 1550 out front rotary mower (cemetery).
	General G.O. Bonds	25,000	Replace the 2006 Toro 5040 sandpro (parks)
	General G.O. Bonds	20,000	Replace 2017 zero turn mower (parks).
		$85,000	2028 Subtotal
2029	General G.O. Bonds	35,000	Replace 2005 John Deere mid mount mover (parks).
	General G.O. Bonds	30,000	Replace 2013 Toro 3505 mower (parks).
		$65,000	2029 Subtotal
2031	General G.O. Bonds	55,000	Replace Cemeteries sweeper.
	General G.O. Bonds	40,000	Replace 2015 John Deere 2025R 4 wheel drive tractor with attachments (parks).
		$95,000	2031 Subtotal
2032	General G.O. Bonds	35,000	Replace 2020 Exmark Aerator (parks).
		$35,000	2032 Subtotal
2033	General G.O. Bonds	50,000	Replace 2020 John Deere 2025R Utility tractor (cemeteries).
	General G.O. Bonds	20,000	Replace 2004 Toro 2020 Sandpro (parks)
		$70,000	2033 Subtotal
2035	General G.O. Bonds	45,000	Replace the 2023 JD1570 outfront mower (cemeteries)
	General G.O. Bonds	40,000	Replace 2015 2025R mover (parks)
		$85,000	2035 Subtotal

PROJECT: REC-GROUNDS #569-Parks and Cemeteries Small Turf Equipment

2036	General	G.O. Bonds	45,000	Replace 2024 JD2025R Utility Tractor (cemeteries)
	General	G.O. Bonds	30,000	Replace 2011 5040 Sand pro (parks)
			$75,000	2036 Subtotal
	TOTAL		$555,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #570-Pleasant/Warren/Fruit Intersection Improvements

I. PROJECT TYPE: Intersections

II. LOCATION: Pleasant Street/Warren Street/Fruit Street Intersection

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☑ New	H	Safety	H	Facility Cond.	H	Productivity			
	☐ Replace	M	Mandates	L	Service Def.	M	Tax Base Exp.	H	City Master Pl.	
	☐ Rebuild	L	O + M Costs	M	Council Goals	H	Timeliness		Intersection Improvement	

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

DESCRIPTION: Following completion of a 2013 Engineering Study of the Pleasant/Warren/Fruit intersection, the City Council accepted a report outlining improvement options and priorities. In order to maintain acceptable levels of service and traffic and pedestrian safety, staff recommended major intersection reconstruction at this critical location. Endorsed by both the Traffic Operations Committee and the Transportation Policy Advisory Committee, the project proposes a roundabout to replace the existing signalized intersection.

The removal of Langley Parkway Phase III from the Capital Improvement Program in FY2023 has elevated the need for improvements at this intersection.

SERVICE IMPACT: Improved traffic level of service, capacity, as well as pedestrian and bike safety at this critical location.

IMPACT IF NOT FUNDED: Continued congestion, limited levels of service, increased traffic accidents, unresolved pedestrian and vehicular safety concerns.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2015 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000
	Total	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000

PROJECT: CD-ENGINEERING SERVICES #570-Pleasant/Warren/Fruit Intersection Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2032	General G.O. Bonds	5,000,000	Design/Construction of a Roundabout.
		$5,000,000	2032 Subtotal
	TOTAL	$5,000,000	

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

I. PROJECT TYPE: Airport

II. LOCATION: Airport

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	N/A	Safety	H	Facility Cond.	L	Productivity			
☑	Replace	N/A	Mandates	L	Service Def.	M	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	N/A	O + M Costs	M	Council Goals	M	Timeliness	Airport		

☐ 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 to stay current with current trends in the aviation industry, as well as plan future capital investments to keep the facility viable within the New England general aviation market.

SERVICE IMPACT: An updated Master Plan will ensure the City stays current with evolving trends and regulatory requirements in the general aviation industry, as well as provide a foundation for future capital improvements at the facility. An updated Master Plan is required for the City to remain eligible for State and Federal funds to support capital improvements at the airport.

IMPACT IF NOT FUNDED: Lack of routine planning may result in missed opportunities, uncoordinated capital improvements, and loss of State and Federal funding.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other State	18,500*	22,500	0	0	0	0	0	0	0	0	41,000
Airport Capital Transfer	18,500*	22,500	100,000	0	0	0	0	0	0	0	141,000
Other Federal	333,000*	405,000	0	0	0	0	0	0	0	0	738,000
Total	370,000	450,000	100,000	0	0	0	0	0	0	0	920,000

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

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	Other Federal	333,000	Airport Master Plan Update to include an obstacle action plan and Runway 17/35 Length Study.. Federal share.
	Other State	18,500	State share.
	Airport Capital Transfer	18,500	City share.
		$370,000	2027 Subtotal
2028	Other Federal	405,000	Conduct an Environmental Assessment on capital projects scheduled in the 10 year plan as recommended by the Airport Master Plan. Federal share.
	Airport Capital Transfer	22,500	Conduct an Environmental Assessment on Capital projects scheduled in the 10-year plan as recommended by the Master Plan.
	Other State	22,500	State share.
		$450,000	2028 Subtotal
2029	Airport Capital Transfer	100,000	Re-evaluate and update the 2000 Conservation Management Agreement as recommended by the Airport Master Plan and survey of proposed Development Zones.
		$100,000	2029 Subtotal
	TOTAL	$920,000	

PROJECT: FIRE #573-Fire Department Personnel Protective Equipment

I. PROJECT TYPE: Public Safety

II. LOCATION: All Stations

III. PROJECT OBJECTIVES AND BACKGROUND

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

DESCRIPTION: The purpose of this project is to provide funding for routine replacement of Personal Protective Equipment (PPE) for the Fire Department. Protective gear typically has a useful life of approximately 6 -10 years. The Fire Department inspects its protective gear biannually for the purpose of prioritizing replacement needs.

This project also includes systematic replacement of self contained personal breathing apparatus, including 63 Self Contained Breathing Apparatus (SCBA) units and 2 Rapid Intervention (RIT) packs.

SERVICE IMPACT: Protects the health and safety of personnel.

IMPACT IF NOT FUNDED: The City's ability to effectively and efficiently respond to fire calls will be negatively impacted, and costs of to maintain and repair aging gear will increase. Safety of department personnel could also be compromised.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	425,000	0	0	0	650,000	0	110,000	1,185,000
	Total	0	0	0	425,000	0	0	0	650,000	0	110,000	1,185,000

PROJECT: FIRE #573-Fire Department Personnel Protective Equipment

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2030	General	G.O. Bonds	425,000	Systematic replacement of firefighting protective clothing. (Q10)
			$425,000	2030 Subtotal
2034	General	G.O. Bonds	650,000	Systematic replacement of protective clothing (Q10)
			$650,000	2034 Subtotal
2036	General	G.O. Bonds	110,000	Replacement of active shooter personal protective equipment. (Q10)
			$110,000	2036 Subtotal
	TOTAL		$1,185,000	

PROJECT: POLICE - OPERATIONS #575-Police Vehicle & Equipment Replacement

I. PROJECT TYPE: Other Vehicles

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:

☐	New	H	Safety	H	Facility Cond.	N/A	Productivity		
☑	Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	L	O + M Costs	N/A	Council Goals	M	Timeliness		

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

DESCRIPTION: This project provides for the routine replacement of Police Department vehicles, excluding Parking Division vehicles, which are addressed in CIP 403.

As of January 2023, the City had a total of 32 cruisers, command SUVs, and unmarked vehicles.

Typically, vehicles are used in the "marked" fleet for approximately 3 years, then transferred to the unmarked fleet for an additional 2 years of use.

SERVICE IMPACT: Routine replacement of Police Department vehicles will ensure that a reliable fleet of modern cruisers and command vehicles exists to serve the community.

IMPACT IF NOT FUNDED: Without routine replacement, the Department will be required to operate with older vehicles which are more susceptible to mechanical failures. Chronic mechanical failures could hinder the Department's operations, as well as result in increased maintenance costs.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Transfer	145,000	285,000	290,000	290,000	295,000	295,000	295,000	295,000	295,000	295,000	2,780,000
Other	Trust	140,000	0	0	0	0	0	0	0	0	0	140,000
	Total	285,000	285,000	290,000	290,000	295,000	295,000	295,000	295,000	295,000	295,000	2,920,000

PROJECT: POLICE - OPERATIONS #575-Police Vehicle & Equipment Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General Capital Transfer	145,000	Replace 4 police vehicles as part of our normal vehicle rotation (Capital Transfer portion).
	Other Trust	140,000	Replace 4 police vehicles as part of our normal vehicle rotation (Transfer from Trust portion).
		$285,000	2027 Subtotal
2028	General Capital Transfer	285,000	Replace 4 vehicles.
		$285,000	2028 Subtotal
2029	General Capital Transfer	290,000	Replace 4 vehicles.
		$290,000	2029 Subtotal
2030	General Capital Transfer	290,000	Replace 4 vehicles.
		$290,000	2030 Subtotal
2031	General Capital Transfer	295,000	Replace 4 vehicles.
		$295,000	2031 Subtotal
2032	General Capital Transfer	295,000	Replace 4 vehicles.
		$295,000	2032 Subtotal
2033	General Capital Transfer	295,000	Replace 4 vehicles.
		$295,000	2033 Subtotal
2034	General Capital Transfer	295,000	Replace 4 vehicles.
		$295,000	2034 Subtotal
2035	General Capital Transfer	295,000	Replacement of 4 police vehicles as part of our normal vehicle replacement rotation.

PROJECT:		POLICE - OPERATIONS	#575-Police Vehicle & Equipment Replacement	
			$295,000	2035 Subtotal
2036	General	Capital Transfer	295,000	Replacement of 4 police vehicles as part of our normal vehicle replacement rotation.
			$295,000	2036 Subtotal
	TOTAL		$2,920,000	

PROJECT: GS-PUBLIC PROPERTIES #579-Downtown Squares

I. PROJECT TYPE: Downtown

II. LOCATION: Bicentennial Square and Eagle Square

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New		Safety	M	Facility Cond.		Productivity			
	☐ Replace		Mandates		Service Def.		Tax Base Exp.		City Master Pl.	
	☑ Rebuild		O + M Costs		Council Goals		Timeliness			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: This project provides for the routine repair and refurbishment of Bicentennial Square and Eagle Square.

SERVICE IMPACT: Routine maintenance and refurbishment will minimize unanticipated costly emergency repairs, extend the useful life of these assets, foster community pride, as well as preserve and promote usership of these assets thereby deterring inappropriate activities.

IMPACT IF NOT FUNDED: Lack of maintenance will result in more expensive repairs and may, in the extreme, necessitate the premature full replacement of these. Lack of maintenance may also result in prolonged periods that the squares are closed to the public, thereby resulting in loss of public enjoyment.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	1,700,000	0	0	0	0	0	1,700,000
	Total	0	0	0	0	1,700,000	0	0	0	0	0	1,700,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2031	General G.O. Bonds	1,700,000	Bicentennial Square: Construct renovation project.
		$1,700,000	2031 Subtotal

PROJECT:	GS-PUBLIC PROPERTIES	#579-Downtown Squares
TOTAL		$1,700,000

PROJECT: FIRE #583-New Heights Fire Station

I. PROJECT TYPE: Public Buildings

II. LOCATION: TBD

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety		Facility Cond.		Productivity			
	☑ Replace		Mandates	L	Service Def.		Tax Base Exp.		City Master Pl.	
	☐ Rebuild	H	O + M Costs		Council Goals	N/A	Timeliness		Long-Range Planning	

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

DESCRIPTION: The purpose of this project is to construct a new Central Fire Station in order to replace the current 1977 facility.

The current facility is nearing the end of its useful life and lacks sufficient area for expansion to accommodate additional vehicles, or larger apparatus, as might be needed in the future.

SERVICE IMPACT: Provides sufficient facility to support current and future service needs of the community.

IMPACT IF NOT FUNDED: Ability to properly store vehicles and equipment will be compromised as physical dimensions of size of apparatus continuously get larger stations have become overcrowded to the point of causing safety issues. Costs to maintain aging facility infrastructure will continue to accelerate.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000
	Total	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000

PROJECT: FIRE #583-New Heights Fire Station

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2036	General G.O. Bonds	7,500,000	Design, construct, and furnish a new fire station in East Concord.
		$7,500,000	2036 Subtotal
	TOTAL	$7,500,000	

PROJECT: REC-GROUNDS #587-Cemetery Improvements

I. PROJECT TYPE: Cemeteries

II. LOCATION: City Cemeteries

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	H	Safety	M	Facility Cond.	N/A	Productivity		
☐	Replace	L	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☑	Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness		Other

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

DESCRIPTION: This project provides for the maintenance and repair needs for the City's 13 municipal cemeteries including but not limited to buildings and roadways within the cemeteries

SERVICE IMPACT: Investment in cemetery infrastructure preserves and improve facilities, corrects potential liabilities, and maintains community pride in these facilities. Well maintained facilities also encourages the public to purchase burial plots.

IMPACT IF NOT FUNDED: Lack of maintenance may result in potential liabilities, as well as decreased community satisfaction and civic pride and affect our ability to follow State Law for burials. Repairs identified as needing major repairs will become unusable which will drastically limit operations.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	425,000	100,000	0	150,000	400,000	450,000	0	2,350,000	0	300,000	4,175,000
	Total	425,000	100,000	0	150,000	400,000	450,000	0	2,350,000	0	300,000	4,175,000

PROJECT: REC-GROUNDS #587-Cemetery Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	275,000	Replacement of old tin storage building.
	General G.O. Bonds	150,000	Blossom Hill Cemetery roadway and pavement improvements.
		$425,000	2027 Subtotal
2028	General G.O. Bonds	100,000	Records Improvements: Purchase computerized document management system to digitize, store, and manage all cemetery records. New system includes online searchable database and plot plans for all cemeteries.
		$100,000	2028 Subtotal
2030	General G.O. Bonds	150,000	Blossom Hill Cemetery roadway and pavement improvements.
		$150,000	2030 Subtotal
2031	General G.O. Bonds	400,000	Address building repair needs (windows, doors, mortar repointing, HVAC in office building, ivy removal) and roof repair items listed in the 2023 HL Turner Inc building report.
		$400,000	2031 Subtotal
2032	General G.O. Bonds	300,000	Maple Grove Cemetery: Clear and grade 2+/- acres of property for future expansion. Install 600 ft of fencing on Sylvester Street from corner of Sewalls Falls Road towards Fisherville Road and a section along Sewalls Road that does not have fencing (210 ft).
	General G.O. Bonds	150,000	Blossom Hill Cemetery roadway and pavement improvements.
		$450,000	2032 Subtotal
2034	General G.O. Bonds	150,000	Blossom Hill Cemetery roadway and pavement improvements.
	General G.O. Bonds	2,200,000	Full replacement of the five bay maitenance garage at Blosson Hill per the FY2023 facility needs assessment complted by HL Turner Inc.
		$2,350,000	2034 Subtotal

PROJECT:		REC-GROUNDS	#587-Cemetery Improvements	
2036	General	G.O. Bonds	300,000	Blossom Hill Cemetery: Pond improvements including dredging, repair of shoreline retaining walls, repairs to dam, drainage repairs and installation of guardrails.
			$300,000	2036 Subtotal
	TOTAL		$4,175,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #588-Loudon Road Bridge Improvement Project

I. PROJECT TYPE: Bridges

II. LOCATION: Loudon Road over Merrimack River

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	H	Safety	M	Facility Cond.	H	Productivity			
	☐ Replace	M	Mandates	H	Service Def.	M	Tax Base Exp.	L	City Master Pl.	
	☑ Rebuild	L	O + M Costs	L	Council Goals	H	Timeliness			
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: A 2015 bridge inspection by the NH Department of Transportation determined that the Loudon Road Bridge had several structural deficiencies. As a result, it was placed on the NH Department of Transportation's "Red List".

This project is intended to address the bridge's structural and operational deficiencies, make safety improvements, and provide an extension of the Merrimack River Greenway Trail (MRGT) across the Merrimack River.

This work is also a critical step in NHDOT's plan for the I-93 widening project as it is a vital link in the State's traffic control plan detours for reconstruction of the I-393 bridges.

The project will be funded through the State Municipal Bridge Aid Program (80% State, 20% Local) and will be managed by the City.

SERVICE IMPACT: The Loudon Road corridor is a critical transportation link between the easterly and westerly areas of the City across the Merrimack River. Completion of this project will maintain transportation use.

IMPACT IF NOT FUNDED: If not funded, continued deterioration will result in restricted use and eventual closure of the bridge. Significant disruption of regional traffic would likely occur. Not implementing this work will also delay the State's plans to replace the I-393 bridges, and may also have negative implications for the Bow / Concord I-93 Widening Project.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2015 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

PROJECT: CD-ENGINEERING SERVICES #588-Loudon Road Bridge Improvement Project

VI. PROJECT FUND SUMMARY

Fund Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Other Federal	0	26,057,274	0	0	0	0	0	0	0	0	26,057,274
Other Trust	0	1,959,113	0	0	0	0	0	0	0	0	1,959,113
Water G.O. Bonds	0	1,750,000	0	0	0	0	0	0	0	0	1,750,000
General G.O. Bonds	0	4,555,205	0	0	0	0	0	0	0	0	4,555,205
Total	0	34,321,592	0	0	0	0	0	0	0	0	34,321,592

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Other Federal	26,057,274	Construct bridge repairs and improvements. Project includes widened deck to accommodate multi-use path and shoulders. $34,321,592 estimated construction cost (from 60% design). Federal share (80%).
	General G.O. Bonds	4,555,205	Construct bridge repairs and improvements. Project includes widened deck to accommodate multi-use path and shoulders. $34,321,592 estimated construction cost (from 60% design). City's share (20%) minus Bridge Reserve Funds.
	Other Trust	1,959,113	Construct bridge repairs and improvements. Project includes widened deck to accommodate multi-use path and shoulders. $27,885,000 estimated construction phase costs. Bridge Reserve Funds.
	Water G.O. Bonds	1,750,000	Construction of water improvements on Loudon Road in coordination with the bridge rehabilitation project. City's share (100%).
		$34,321,592	2028 Subtotal
	TOTAL	$34,321,592	

PROJECT: FIRE #594-New Central Fire Station

I. PROJECT TYPE: Public Buildings

II. LOCATION: To be determined

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	M	Facility Cond.	M	Productivity			
	☑ Replace		Mandates	L	Service Def.	N/A	Tax Base Exp.		City Master Pl.	
	☐ Rebuild	H	O + M Costs		Council Goals	M	Timeliness		Long-Range Planning	

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

DESCRIPTION: The purpose of this project is to construct a new Central Fire Station in order to replace the current 1977 facility.

The current facility is nearing the end of its useful life and lacks sufficient area for expansion to accommodate additional vehicles, or larger apparatus, as might be needed in the future.

SERVICE IMPACT: Provides sufficient facility to support current and future service needs of the community.

IMPACT IF NOT FUNDED: Ability to properly store vehicles and equipment will be compromised as physical dimensions of size of apparatus continuously get larger stations have become overcrowded to the point of causing safety issues. Costs to maintain aging facility infrastructure will continue to accelerate.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	0	3,000,000	0	2,000,000	20,000,000	25,000,000
	Total	0	0	0	0	0	0	3,000,000	0	2,000,000	20,000,000	25,000,000

PROJECT: FIRE #594-New Central Fire Station

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type		Amount	Action
2033	General	G.O. Bonds	3,000,000	Property Acquisition for new Central Fire Station, following completion of site evaluation.
			$3,000,000	2033 Subtotal
2035	General	G.O. Bonds	2,000,000	Design/permitting for new Central Fire Station, following site acquisition.
			$2,000,000	2035 Subtotal
2036	General	G.O. Bonds	20,000,000	Construct, and furnish a new Central Fire Station per recommendations of the January 2022 ESCI needs assessment / location study. New building and furnishings only.
			$20,000,000	2036 Subtotal
	TOTAL		$25,000,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: POLICE - OPERATIONS #595-Parking Meters

I. PROJECT TYPE: Parking

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	N/A	Safety	H	Facility Cond.	H	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
☑	Rebuild	H	O + M Costs	N/A	Council Goals	N/A	Timeliness			
☐	Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: This project replaces CIP #586. The purpose of this project is to provide funding for maintenance, repair, replacement, and expansion of the City's parking meter system.

Parking meters were first installed in the City in 1947.

As of 2022, the City had approximately 86 kiosk pay stations, 454 smart meters and 184 mechanical meters managing 1,658 metered parking spaces located on-street, as well as in municipally owned parking garages and surface lots.

Kiosk pay stations were first installed in 2010, and later expanded as part of the Main Street "Complete Street Project" in 2015 - 2017. Smart meters were initially installed in 2020.

Kiosks and smart meters are capable of accepting credit card payments. Kiosks are also capable of accepting payments from City parking cards ("P-Cards").

Sale of the former NH Employment Security property for redevelopment will necessitate closure of the Fayette Street Interim Parking Lot. Upon closure, the kiosk pay station will be relocated to the Hills Avenue Lot, thereby allowing the City to replace 19 mechanical meters.

SERVICE IMPACT: Routine repair and replacement of parking meters is critical in order to ensure that the City maintains customer satisfaction and user friendliness for the parking system while, simultaneously, not losing opportunities to generate revenues for the Parking Fund. Periodic expansion of the meter network is also important to appropriately manage parking activities new activity centers, as well as generate additional revenues to keep the system financially solvent.

IMPACT IF NOT FUNDED: Equipment will become increasingly unreliable. Mechanical failures will result in lost revenues and increased customer frustration.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

PROJECT: POLICE - OPERATIONS #595-Parking Meters

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	0	800,000	1,550,000	0	0	0	0	0	0	0	2,350,000
	Total	0	800,000	1,550,000	0	0	0	0	0	0	0	2,350,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Parking G.O. Bonds	800,000	Replace 480 single space smart meters put into service in FY2020.
		$800,000	2028 Subtotal
2029	Parking G.O. Bonds	1,550,000	Replace 86 kiosk units.
		$1,550,000	2029 Subtotal
	TOTAL	$2,350,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CITY MANAGER /OPERATION #596-Surface Lots

I. PROJECT TYPE: Parking

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	H	Safety	H	Facility Cond.	M	Productivity			
	☑ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.	
	☑ Rebuild	N/A	O + M Costs	N/A	Council Goals	N/A	Timeliness		Parking	

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

DESCRIPTION: The purpose of this project is to provide funding for the repair, replacement, or expansion of the City's nine (9) municipal parking lots. Combined, these lots feature approximately 210 parking spaces. This figure excludes the interim Fayette Street Parking Lot at the former NH Employment Security Property which features 70+/- spaces which was sold for redevelopment in FY2022.

Facilities include:
City Hall / Auditorium Lot: 44 Spaces
Police Department Lot: 45 Spaces
Library / 10 Prince Street Lot: 26 Spaces
Storrs Street Lot (Beneath Loudon Road): 25 Spaces
Hills Avenue Lot: 19 Spaces
Canal Street Lot: 28 Spaces
Boudreau Square: 8 Spaces
Poulin Gazebo: 7 Spaces
McKee Square: 8 Spaces

SERVICE IMPACT: Routine maintenance will minimize or reduce potential liabilities, encourage use by the public, and maintain revenues for the City's Parking Fund.

IMPACT IF NOT FUNDED: Parking lots will continue to deteriorate, thereby increasing annual operating and maintenance costs. Deteriorated facilities may result in decreased utilization by the public and loss of revenue. Deteriorated facilities may also create potential liabilities for the community.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years)

PROJECT: CITY MANAGER /OPERATION #596-Surface Lots

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	0	495,000	819,500	0	957,000	0	0	0	0	0	2,271,500
	Total	0	495,000	819,500	0	957,000	0	0	0	0	0	2,271,500

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Parking G.O. Bonds	495,000	City Hall / Auditorium Parking Lot: Construction. Presumes full depth reconstruction with stormwater upgrades, as well as landscaping and lighting improvements.
		$495,000	2028 Subtotal
2029	Parking G.O. Bonds	819,500	Police Department Parking Lot: Design and reconstruction. Presumes full depth reconstruction with stormwater upgrades, as well as landscaping and lighting improvements.
		$819,500	2029 Subtotal
2031	Parking G.O. Bonds	533,500	Library Parking Lot: Design and construction. Presumes full depth reconstruction with stormwater upgrades, as well as landscaping and lighting improvements.
	Parking G.O. Bonds	258,500	Storrs Street Parking Lot (beneath Loudon Road overpass): Cold plane and overlay existing pavement.
	Parking G.O. Bonds	165,000	McKee Square Parking Lot (Clinton Street): Design and reconstruction.
		$957,000	2031 Subtotal
	TOTAL	$2,271,500	

PROJECT: CD-COMMUNITY PLANNING #599-Zoning Update

I. PROJECT TYPE: Community Planning/Implementation

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☐	New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity		
☑	Replace	N/A	Mandates	H	Service Def.	L	Tax Base Exp.	M	City Master Pl.
☐	Rebuild	N/A	O + M Costs	M	Council Goals	M	Timeliness		Long-Range Planning

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

DESCRIPTION: The purpose of this project is to update Concord's Zoning Ordinance following completion of a new City-wide Master Plan (expected to commence in FY26).

SERVICE IMPACT: Implementation of new land use regulations is intended to improve the development review and approval process, encourage redevelopment, and minimize the need for variances for both residential and nonresidential property owners.

IMPACT IF NOT FUNDED: Implementing solutions to improve the development process which may potentially spur redevelopment will be delayed. In addition, an incremental piecemeal approach for updating the ordinances and regulations, which would likely prove to be more expensive in the long-term, would need to be pursued.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Transfer	0	0	400,000	0	0	0	0	0	0	0	400,000
	Total	0	0	400,000	0	0	0	0	0	0	0	400,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund	Type	Amount	Action
2029	General	Capital Transfer	400,000	Zoning Ordinance Update following completion of updates to City Master Plan
			$400,000	2029 Subtotal

PROJECT:	CD-COMMUNITY PLANNING	#599-Zoning Update
TOTAL		$400,000

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #602-Iron Works Road Bridge Replacement Project

I. PROJECT TYPE: Bridges

II. LOCATION: Iron Works Road over Turkey River

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:											
	☐ New	H	Safety	H	Facility Cond.	N/A	Productivity				
	☑ Replace	H	Mandates	H	Service Def.	N/A	Tax Base Exp.	H	City Master Pl.		
	☐ Rebuild	N/A	O + M Costs	L	Council Goals	M	Timeliness		Other		

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

DESCRIPTION: The purpose of this project is to replace the existing bridge on Iron Works Road over the Turkey River (Bridge ID #190/067). The present deck, superstructure, and substructure are in poor condition due to a number of structurally deficient components. This bridge is municipally owned and is eligible for State Municipal Bridge Aid Program funds (80% State, 20% Local).

New Hampshire Department of Transportation notified the City in March 2023 that this bridge is rated as number 34 out of the top 65 municipally owned red listed bridges to be prioritized for funding in the state. Minor repairs to the bridge were completed in 2021.

SERVICE IMPACT: Continued use for public travel. Replacement bridge to meet all current standards.

IMPACT IF NOT FUNDED: If the bridge is not repaired / replaced, it could become subject to load restrictions or closure.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2017 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	104,000	0	700,000	0	0	0	0	804,000
Other	State	0	0	0	416,000	0	2,780,000	0	0	0	0	3,196,000
	Total	0	0	0	520,000	0	3,480,000	0	0	0	0	4,000,000

PROJECT: CD-ENGINEERING SERVICES #602-Iron Works Road Bridge Replacement Project

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	Other State	416,000	Design, permitting and bidding of new bridge. State share (80%) of total project cost.
	General G.O. Bonds	104,000	Design, permitting and bidding of new bridge. City share (20%) of total project cost.
		$520,000	2030 Subtotal
2032	Other State	2,780,000	Construction of new bridge. State share (80%) of total project cost.
	General G.O. Bonds	700,000	Construction of new bridge. City share (20%) of total project cost.
		$3,480,000	2032 Subtotal
	TOTAL	$4,000,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: POLICE - OPERATIONS #607-Video System Replacement

I. PROJECT TYPE: Public Safety

II. LOCATION: Police Department

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety	N/A	Facility Cond.	N/A	Productivity			
	☑ Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
	☐ Rebuild	H	O + M Costs	N/A	Council Goals	M	Timeliness		Long-Range Planning	

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

DESCRIPTION: The purpose of this project is to replace and improve antiquated video surveillance equipment utilized by the Police Department. The Department's current video equipment is used to monitor various areas within Police Headquarters, as well as the exterior of the building and surrounding City Complex buildings. This video serves both officer safety and public safety concerns, as well as serving a role in potential evidence collection. The current video system does not have recording capabilities and utilizes outdated technology which has become obsolete, difficult to service, and does not meet the needs of the Department.

SERVICE IMPACT: The Department seeks to implement a state of the art CCTV System utilizing IP surveillance cameras and NVR video encoder. This system will also tie into the Department's card access control system. Also included will be the necessary data storage capacity for such a system.

In addition to video monitoring capabilities, this system will allow for the recording of the Department's interview rooms and update the monitoring capabilities o high security areas within the Department to include evidence storage as well as firearms storage. The Department's capabilities in these areas is critically deficient and in need of expedited improvement.

IMPACT IF NOT FUNDED: Unreliable and failing surveillance infrastructure negatively impacts public safety.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	10,000	0	0	0	0	0	0	0	0	0	10,000
	Total	10,000	0	0	0	0	0	0	0	0	0	10,000

PROJECT: POLICE - OPERATIONS #607-Video System Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	10,000	Replace and/or add Departmental cameras to include the firing range.
		$10,000	2027 Subtotal
	TOTAL	$10,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #611-Eastman Street Retaining Wall

I. PROJECT TYPE: Street Corridor Improvements

II. LOCATION: 8 Eastman Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	H	Safety	H	Facility Cond.	N/A	Productivity			
	☑ Replace	N/A	Mandates	H	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
	☐ Rebuild	N/A	O + M Costs	M	Council Goals	H	Timeliness		Corridor Improvements	

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

DESCRIPTION: This project provides for the replacement of an existing retaining wall that has deteriorated beyond the point of repair. The wall, which is located along Eastman Street in front of City Assessing parcels 81-1-2 and 81-1-10, supports a major utility junction pole.

SERVICE IMPACT: Repair or replacement of the wall would protect adjacent property, as well as public safety.

IMPACT IF NOT FUNDED: Failure of wall could result in collapse of the adjacent utility pole, utility service outages, damage to public infrastructure and adjacent private property, as well as potential injuries to the general public and abutting properties.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 50 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	0	0	0	190,000	0	0	190,000
	Total	0	0	0	0	0	0	0	190,000	0	0	190,000

PROJECT: CD-ENGINEERING SERVICES #611-Eastman Street Retaining Wall

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2034	General G.O. Bonds	190,000	Replace retaining wall.
		$190,000	2034 Subtotal
	TOTAL	$190,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: INFORMATION TECHNOLOGY #615-Fiber System Replacement

I. PROJECT TYPE: Information Technology & Communications

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	M	Safety		Facility Cond.		Productivity			
	☑ Replace	L	Mandates	L	Service Def.		Tax Base Exp.		City Master Pl.	
	☐ Rebuild		O + M Costs		Council Goals	L	Timeliness		Long-Range Planning	

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

DESCRIPTION: The purpose of this project is to establish and implement a capital improvement program for the City's fiber optic system. The system is an integral component of the City's information technology infrastructure and is used to transmit data between various municipal facilities. The components of the system are varied in age, condition and functionality. This will be coordinated and funded in conjunction with the Concord Union School District, on which our data framework is shared.

SERVICE IMPACT: Periodic replacement of the fiber infrastructure system will ensure a reliable form of communications for emergency services, normal daily operations, customer service, security cameras and alarm systems.

IMPACT IF NOT FUNDED: Increased frequency and duration of equipment failure resulting in risk to public safety and inability to perform normal daily business.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2001 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 25 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Capital Transfer	0	0	0	500,000	0	0	0	0	0	0	500,000
	Total	0	0	0	500,000	0	0	0	0	0	0	500,000

PROJECT: INFORMATION TECHNOLOGY #615-Fiber System Replacement

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	General Capital Transfer	500,000	Replacement of fiber infrastructure. Potential cost share with Concord Union & Merrimack Valley School Districts to be determined once needs assessment is completed.
		$500,000	2030 Subtotal
	TOTAL	$500,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CITY MANAGER /OPERATION #627-Parking Strategic Plan

I. PROJECT TYPE: Parking

II. LOCATION: City-wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐	New	N/A	Safety	H	Facility Cond.	H	Productivity			
☑	Replace	N/A	Mandates	H	Service Def.	H	Tax Base Exp.	H	City Master Pl.	
☐	Rebuild	N/A	O + M Costs	N/A	Council Goals	H	Timeliness			

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

DESCRIPTION: This project replaces CIP 577 which existed prior to FY2021. The purpose of this project is to create, periodically update, and implement a Strategic Plan for the municipal parking system. The most recent Strategic Plan was accepted by the City Council in November 2017.

SERVICE IMPACT: By creating, periodically updating, and implementation of a strategic plan for the parking system, the City will be able to maintain and grow revenues, respond to capital needs, support economic development initiatives, and improve customer service.

IMPACT IF NOT FUNDED: The City risks making uninformed policy decisions which may unintended adverse consequences for the parking system.

IV PREVIOUS FISCAL YEAR AUTHORIZED: 2014 PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Parking	G.O. Bonds	0	0	0	0	0	305,000	0	0	0	0	305,000
	Total	0	0	0	0	0	305,000	0	0	0	0	305,000

PROJECT: CITY MANAGER /OPERATION #627-Parking Strategic Plan

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2032	Parking G.O. Bonds	305,000	Update the 2017 Parking Strategic Plan.
		$305,000	2032 Subtotal
	TOTAL	$305,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: POLICE - OPERATIONS #630-Police Computer Crimes Hardware and Equipment

I. PROJECT TYPE: Public Safety

II. LOCATION: Police Department

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:

☑	New	N/A	Safety	N/A	Facility Cond.	M	Productivity		
☐	Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	M	O + M Costs	N/A	Council Goals	M	Timeliness		

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

DESCRIPTION: The purpose of this project is to systematically replace and upgrade Computer Crimes Unit (CCU) equipment. The CCU plays a critical role in most criminal investigations. Evidence obtained through the forensic examination of digital devices including smart phones, tablets, laptops and other computers plays a key role in the prosecution of many crimes including, but not limited to: child predators, violent offenders, illegal drug dealers, as well as white collar criminals. The CCU utilizes specialized forensic equipment to analyze these digital platforms. Due to the ever increasing updates to technology it is necessary for the CCU to routinely update their hardware and related equipment. This project plans for the systematic replacement of these items over time.

SERVICE IMPACT: Providing a schedule for the replacement and upgrading of CCU hardware and equipment will ensure that our investigators have the tools necessary to successfully gather forensic evidence leading to the arrest and conviction of the criminal element utilizing digital technology.

IMPACT IF NOT FUNDED: Without routinely updating hardware the CCU may experience difficulty in preserving digital evidence of serious crimes which may jeopardize public safety caused by the inability to properly arrest and convict criminals tied to digital evidence.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 5 Expected Bond Term (in Years) 5

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	60,000	0	0	0	0	0	0	0	0	60,000
	Total	0	60,000	0	0	0	0	0	0	0	0	60,000

PROJECT: POLICE - OPERATIONS #630-Police Computer Crimes Hardware and Equipment

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	General G.O. Bonds	60,000	Update older computer crimes hardware, software and related equipment for investigations involving digital forensic evidence.
		$60,000	2028 Subtotal
	TOTAL	$60,000	

PROJECT: GS-PUBLIC PROPERTIES #636-Electric Vehicle (EV) Charging Stations

I. PROJECT TYPE: Public Buildings

II. LOCATION: City wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑ New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity			
☐ Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	L	City Master Pl.	
☐ Rebuild	M	O + M Costs	H	Council Goals	M	Timeliness			

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

DESCRIPTION: The purpose of this project is to develop and implement a plan to provide electric vehicle (EV) charging stations at city-owned properties to support City owned vehicles & equipment as such vehicles and equipment are added to the City fleet.

SERVICE IMPACT: EV charging stations are an important component in developing the capability to support electric vehicles within the City fleet.

IMPACT IF NOT FUNDED: The City will not have the capability to support electric vehicles in the fleet.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 10

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
Water	G.O. Bonds	0	25,000	0	0	0	0	0	0	0	0	25,000
General	G.O. Bonds	75,000	0	0	50,000	0	0	0	0	0	0	125,000
	Total	75,000	25,000	0	50,000	0	0	0	0	0	0	150,000

PROJECT: GS-PUBLIC PROPERTIES #636-Electric Vehicle (EV) Charging Stations

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	75,000	Construction and installation of four Level 2 EV Chargers at the COMF.
		$75,000	2027 Subtotal
2028	Water G.O. Bonds	25,000	Design of Level 2 EV Charger at Water Billing (COMF)
		$25,000	2028 Subtotal
2030	General G.O. Bonds	50,000	Construction and installation of four Level 2 EV Chargers at Water Billing (COMF)
		$50,000	2030 Subtotal
	TOTAL	$150,000	

PROJECT: POLICE - OPERATIONS #645-Police Department RMS/CAD Upgrade

I. PROJECT TYPE: Public Safety

II. LOCATION: Police Department

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:

☐	New	N/A	Safety	N/A	Facility Cond.	L	Productivity		
☑	Replace	N/A	Mandates	L	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.
☐	Rebuild	H	O + M Costs	N/A	Council Goals	L	Timeliness		

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

DESCRIPTION: This project replaces the Police Department's Records Management and Computer Aided Dispatch Systems. This system maintains almost all of the Department's records and is the system used to manage and dispatch all of the calls for service that the Department responds to.

SERVICE IMPACT: The Department's current RMS/CAD system is antiquated and struggles to meet current demand. It is anticipated that the company which manufacturers the system will be discontinuing service support in the near future.

IMPACT IF NOT FUNDED: The Department will continue to utilize the current RMS/CAD system, which is insufficient for the Department's current and future needs.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 10 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	363,000	0	0	0	0	0	0	0	0	0	363,000
	Total	363,000	0	0	0	0	0	0	0	0	0	363,000

PROJECT: POLICE - OPERATIONS #645-Police Department RMS/CAD Upgrade

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	363,000	Replacement of the Police Department's current RMS/CAD system.
		$363,000	2027 Subtotal
	TOTAL	$363,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #656-River Bank Stabilization Projects

I. PROJECT TYPE: Storm Sewer

II. LOCATION: City Wide

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	H	Safety	M	Facility Cond.	L	Productivity			
	☐ Replace	M	Mandates	H	Service Def.	H	Tax Base Exp.	N/A	City Master Pl.	
	☑ Rebuild	N/A	O + M Costs	H	Council Goals	M	Timeliness		Other	
	☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: River bank erosion is evident along portions of the Merrimack and Contoocook Rivers within the City. In some areas this is impacting the structural integrity of some of our roads and parks. Coordination with the Sate and Federal Regulatory Agencies is required to initiate the river bank restoration to protect our roads and public lands.

SERVICE IMPACT: The preliminary survey, design and permitting will identify short and long term plans for river bank stabilization and restoration with estimated costs and funding options.

IMPACT IF NOT FUNDED: Portions of city owned lands and roads would need to be restricted from public use or closed.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years) 20

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	500,000	500,000	0	0	0	0	0	1,000,000
	Total	0	0	0	500,000	500,000	0	0	0	0	0	1,000,000

PROJECT: CD-ENGINEERING SERVICES #656-River Bank Stabilization Projects

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2030	General G.O. Bonds	500,000	Construction: Terrill Park river bank stabilization project, pending design and permitting.
		$500,000	2030 Subtotal
2031	General G.O. Bonds	500,000	Construction: Runnells Road river bank stabilization project, pending design and permitting.
		$500,000	2031 Subtotal
	TOTAL	$1,000,000	

PROJECT: FIRE #671-Knox Key Secure

I. PROJECT TYPE: Public Safety

II. LOCATION:

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
	☐ New	H	Safety		Facility Cond.		Productivity			
	☑ Replace		Mandates	H	Service Def.		Tax Base Exp.		City Master Pl.	
	☐ Rebuild		O + M Costs		Council Goals		Timeliness			

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

DESCRIPTION: These are secure, wall-mounted key boxes that store keys, access cards, or entry codes. They allow firefighters and emergency personnel to access gated communities, storage areas, and multi-tenant buildings using a universal master key or an electronic access system. This ensures rapid entry in case of an emergency while maintaining security.

SERVICE IMPACT: These are secure, wall-mounted key boxes that store keys, access cards, or entry codes. They allow firefighters and emergency personnel to access gated communities, storage areas, and multi-tenant buildings using a universal master key or an electronic access system. This ensures rapid entry in case of an emergency while maintaining security.

IMPACT IF NOT FUNDED: Delayed emergency response, increased property damage, and liability

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	50,000	0	0	0	0	0	0	0	0	0	50,000
	Total	50,000	0	0	0	0	0	0	0	0	0	50,000

PROJECT: FIRE #671-Knox Key Secure

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General G.O. Bonds	50,000	Replacement of failing Knox Box equipment
		$50,000	2027 Subtotal
	TOTAL	$50,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #674-Pembroke Road Corridor Improvements

I. PROJECT TYPE: Street Corridor Improvements

II. LOCATION: Portions of Pembroke Road from Loudon Road to NH State Rt. 106 (Sheep Davis Road) and 2500 ft. Airport Rd.

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☐ New	L	Safety	M	Facility Cond.	M	Productivity				
☐ Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.		
☑ Rebuild	M	O + M Costs	M	Council Goals	L	Timeliness	Corridor Improvements			

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

DESCRIPTION: Corridor improvements include road reconstruction and/or rehabilitation, drainage improvements, existing sidewalk improvments and new sidewalk construction, pedestrian and vehicle safety improvements, intersection improvments at Blodgett and Canterbury Road intersections, ADA improvments, incorporating multi modal travel, streetscape and landscape improvments.

Continue the corridor improvements on Airport Road completed in 2026 southerly to Manchester Street.

Sidewalk connectivity recommended by the Transportation Policy Advisory Committee.

Conceptual improvement alternatives presented to City Council in early 2026.

SERVICE IMPACT: Address vehicle and pedestrian safety along the corridor and drainage improvments. Moderate increase in highway operation and maintenance costs.

IMPACT IF NOT FUNDED: Limited future economic development/redevelopment potential. Decrease in multi modal travel opportunities and pedestrian safety along corridor.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 20 Expected Bond Term (in Years)

PROJECT: CD-ENGINEERING SERVICES #674-Pembroke Road Corridor Improvements

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	2,100,000	0	0	0	0	0	0	0	0	2,100,000
General	Highway Reserve	200,000	0	0	0	0	0	0	0	0	0	200,000
	Total	200,000	2,100,000	0	0	0	0	0	0	0	0	2,300,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund	Type	Amount	Action
2027	General	Highway Reserve	200,000	Estimated costs for the design of corridor improvements on portions of Pembroke Road from Loudon Road to NH Rt. 106.
			$200,000	2027 Subtotal
2028	General	G.O. Bonds	2,100,000	Estimated construction costs of improvments to Pembroke Road.
			$2,100,000	2028 Subtotal
	TOTAL		$2,300,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: CD-ENGINEERING SERVICES #675-Sewall Falls Corridor Improvements

I. PROJECT TYPE: Street Corridor Improvements

II. LOCATION: Portions of Sewalls Falls Road from Fisherville Road to Concord Monitor

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:										
☑	New	L	Safety	M	Facility Cond.	M	Productivity			
☐	Replace	N/A	Mandates	M	Service Def.	N/A	Tax Base Exp.	M	City Master Pl.	
☑	Rebuild	M	O + M Costs	M	Council Goals	L	Timeliness	Corridor Improvements		

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

DESCRIPTION: Corridor improvements include road reconstruction and/or rehabilitation, curbing and drainage, existing sidewalk improvments and new sidewalk construction, pedestrian and vehicle safety, ADA, incorporating multi modal travel, streetscape and landscape improvements.

Sidewalk connectivity recommended by the Transportation Policy Advisory Committee.

SERVICE IMPACT: Address vehicle and pedestrian safety along the corridor and drainage, sewer and water improvements. Moderate increase in highway operation and maintenance costs.

IMPACT IF NOT FUNDED: Limited future economic development/redevelopment potential. Decrease in multi modal travel opportunities and pedestrian safety along corridor. Limited access to future Merrimack Green River Trail.

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	G.O. Bonds	0	0	0	0	400,000	3,000,000	0	0	0	0	3,400,000
Water	G.O. Bonds	0	25,000	0	0	0	0	0	0	0	0	25,000
	Total	0	25,000	0	0	400,000	3,000,000	0	0	0	0	3,425,000

PROJECT: CD-ENGINEERING SERVICES #675-Sewall Falls Corridor Improvements

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2028	Water G.O. Bonds	25,000	Installation of 8" waterline stub to be connected to future upgraded waterline along Beaver Meadow Drive.
		$25,000	2028 Subtotal
2031	General G.O. Bonds	400,000	Estimated costs for the the design of the roadway corridor improvments.
		$400,000	2031 Subtotal
2032	General G.O. Bonds	3,000,000	Construction of roadway corridor improvments along Sewalls Falls Road from Abbott Road to the CSX Railway line.
		$3,000,000	2032 Subtotal
	TOTAL	$3,425,000	

2027-2036
CAPITAL IMPROVEMENT
PROJECT DETAIL

PROJECT: GS-WATER #676-Water line and meter installation Russel Shea Community Garden

I. PROJECT TYPE: Water Distribution System

II. LOCATION: Birch Street

III. PROJECT OBJECTIVES AND BACKGROUND

NEED SERVED:									
☑ New	N/A	Safety	N/A	Facility Cond.	N/A	Productivity			
☐ Replace	N/A	Mandates	N/A	Service Def.	N/A	Tax Base Exp.	N/A	City Master Pl.	
☐ Rebuild		O + M Costs	N/A	Council Goals	N/A	Timeliness	Water		
☐ Total-Cost-of-Ownership (TCO) or Life-cycle Cost (LCC) analysis									

DESCRIPTION: This project is to design, acquire respective easements, and install City water service to the Russel Shea Community Gardens on Birch Street (off Clinton Street).

SERVICE IMPACT: Currently there is no access to water for irrigating the gardens. Water needs to be brought in from offsite by each plot gardener/grower. This requires much effort and expense for the gardeners/growers, some of which are dealing with financial hardship.

IMPACT IF NOT FUNDED: The Community Garden would continue to operate in its current state, requiring much manual effort to water the crops.

IV PREVIOUS FISCAL YEAR AUTHORIZED: PREVIOUS AMOUNT:

V. PROJECT USEFUL LIFE (In Years): 30 Expected Bond Term (in Years)

VI. PROJECT FUND SUMMARY

Fund	Type	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Ten Years
General	Donations	270,000*	0	0	0	0	0	0	0	0	0	270,000
	Total	270,000	0	0	0	0	0	0	0	0	0	270,000

VII. PROJECT FUND DETAIL

Fiscal Year	Fund Type	Amount	Action
2027	General Donations	250,000	Easement Acquisition from city of Concord (Birch Street) and State of NH (Property owner of Russell Shea Gardens) and installation of approx. 2,300 feet of small diameter water mains and watering stations.
	General Donations	20,000	Design of metering structure and distribution system for the Russell-Shea Gardens off of Birch Street

PROJECT:	GS-WATER	#676-Water line and meter installation Russel Shea Community Garden (Clinton Street).		
			$270,000	2027 Subtotal
TOTAL			$270,000	