

Capital Improvements Program - FY2022-2027

Adopted 18-Nov-20

All Projects								
BOLD = New Project		* = Multi Category Project						
UNDERLINED = Change in Schedule		ITALIC = \$ Change						
PROJECT DESCRIPTION	Fiscal Year						Total	Finance Method
	2022	2023	2024	2025	2026	2027		
GENERAL GOVERNMENT								
Transfer to Capital Reserve - Infrastructure & Equip	1,025,000	1,150,000	1,275,000	1,400,000	1,525,000	1,650,000	8,025,000	OB
Transfer to Capital Reserve - Cemetery	125,000	125,000	125,000	125,000	125,000	125,000	750,000	OB
<i>General Facility Improvements</i>	50,000	50,000	50,000	50,000	50,000	50,000	300,000	RF
<i>CAMA Software Replacement and Implementaion</i>	33,000	37,000					70,000	OB
Cemetery Improvements	250,000		250,000		250,000		750,000	RF
City Hall Structural/Safety Improvements	500,000		250,000				750,000	RF
TOTAL GENERAL GOV'T.	1,983,000	1,362,000	1,950,000	1,575,000	1,950,000	1,825,000	10,645,000	
POLICE								
Police Cruiser Replacement Program	144,000	144,000	144,000	144,000	144,000	144,000	864,000	RF
Public Safety Comm Infrastructure Upgrades	105,000	100,000	100,000	400,000	200,000	100,000	1,005,000	OB
TOTAL POLICE	249,000	244,000	244,000	544,000	344,000	244,000	1,869,000	
FIRE & RESCUE								
<i>Command/Staff Vehicle Replacement</i>	51,000		51,000		51,000		153,000	RF
<i>Pumper/Quint Replacement</i>	750,000				900,000		1,650,000	RF
<i>Station Capacity Improvements</i>	830,000	40,000		660,000			1,530,000	DF
<i>Ambulance Replacement</i>		267,000		256,000		256,000	779,000	RF
<i>Front Line Vehicle Corosion Repair</i>		100,000					100,000	RF
Protective Gear			174,000				174,000	RF
SCBA Gear					195,000		195,000	RF
Squad Replacement					500,000		500,000	RF
TOTAL FIRE & RESCUE	1,631,000	407,000	225,000	916,000	1,646,000	256,000	5,081,000	
COMMUNITY SERVICES - PUBLIC WORKS								
PW Heavy Equipment	400,000	450,000	500,000	550,000	600,000	650,000	3,150,000	RF
General Streets Improvements	2,251,395	2,341,451	2,435,109	2,532,513	2,633,814	2,739,166	14,933,448	OB
General Sidewalk Improvements	121,664	126,531	131,592	136,855	142,330	148,023	806,995	OB
Bridge Improvements	160,000	180,000	200,000	200,000	200,000	200,000	1,140,000	OB
Drainage System Improvements	200,000	250,000	300,000	350,000	400,000	450,000	1,950,000	OB
Traffic Signal Upgrades/Traffic Calming	90,000	90,000	90,000	90,000	90,000	90,000	540,000	OB
Bridge Replacement- Chestnut Street	250,000						250,000	DF
Street Reconstruction - Court/Union/Middle	200,000		2,000,000	1,700,000	600,000		4,500,000	DF
Street Reconstruction Fifth/Grove Streets*	100,000	750,000	250,000				1,100,000	DF
Street Reconstruction - Oak/Ham/Ela	450,000	200,000	350,000				1,000,000	DF
Portland Avenue Retaining Wall	250,000						250,000	DF
Sidewalk Reconstruction - Whittier Street		600,000					600,000	DF
<i>Bridge Replacement - Oak Street</i>				5,000,000			5,000,000	GF
Soundwalls - Renaud/Keating				400,000			400,000	RF/GF
Street Reconstruction - Sunset Drive				200,000	1,000,000		1,200,000	DF
Street Reconstruction - Atlantic Avenue					900,000	600,000	1,500,000	DF
Street Reconstruction - Horne Street*					250,000		250,000	DF
Drainage Improvements - Spruce/Tanglewood						900,000	900,000	DF
Street Reconstruction - Piscataqua/Back River*						1,000,000	1,000,000	DF
TOTAL COMM SERV - PW	4,473,059	4,987,982	6,256,701	11,159,368	6,816,144	6,777,189	40,470,443	
CULTURE & RECREATION								
Transfer to Capital Reserve - Park/Playground Imprv.	12,500	112,500	112,500	112,500	112,500	112,500	575,000	OB
Park Infrastructure Replace/Maintenance	75,000	75,000	75,000	75,000	75,000	75,000	450,000	RF
Arena - Sprinkler System Repairs	60,000						60,000	OB
Arena - Zamboni Replacement	100,000						100,000	OB
Park Improvements - Skatepark Relocation	250,000						250,000	RF
Community Trail Phase IV		131,000					131,000	RF
<i>Park Improvements - Garrison Hill Park</i>		290,000					290,000	RF
Indoor Pool Solar Panel Purchase				150,000			150,000	RF
Arena - Foster Rink Air Conditioning					75,000		75,000	RF
Indoor Pool Solarium						410,000	410,000	RF
TOTAL CULTURE & RECREATION	497,500	608,500	187,500	337,500	262,500	597,500	2,491,000	
PUBLIC LIBRARY								
Library Books and Collections	125,477	129,241	133,118	137,112	141,225	145,462	811,635	OB
<i>Library Renovations and Upgrades</i>	730,000	270,462	648,008	338,460			1,986,930	DF
TOTAL PUBLIC LIBRARY	855,477	399,703	781,126	475,572	141,225	145,462	2,798,565	
TOTAL CITY DEPARTMENTS	9,689,036	8,009,185	9,644,327	15,007,440	11,159,869	9,845,151	63,355,008	

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PROJECT DESCRIPTION	Fiscal Year						Total	Finance Method	
	2022	2023	2024	2025	2026	2027			
EDUCATION									
<i>Transfer to Capital Reserve - Curriculum</i>	50,000	150,000	150,000	150,000	150,000	150,000	800,000	OB	
<i>Transfer to Capital Reserve - Facilities</i>	150,000	250,000	250,000	250,000	250,000	250,000	1,400,000	OB	
<i>Transfer to Capital Reserve - Info. Technology</i>	20,000	20,000	20,000	20,000	20,000	20,000	120,000	OB	
<i>Transfer to Capital Reserve - Athletics</i>	20,000	20,000	20,000	20,000	20,000	20,000	120,000	OB	
<i>Curriculum Replacement and Upgrade</i>	450,000	100,000	100,000	100,000	100,000	100,000	950,000	RF/OB	
<i>Facilities/School Maintenance and Repairs</i>	100,000	100,000	100,000	100,000	100,000	100,000	600,000	RF	
<i>Furniture Replacement</i>	25,000	25,000	25,000	25,000	25,000	25,000	150,000	OB	
<i>Information Technology Replacement and Upgrade</i>	480,000	480,000	480,000	480,000	480,000	480,000	2,880,000	OB	
<i>Facilities and Space Needs Study</i>	50,000						50,000	OB	
<i>Middle School AC/Dehumidification</i>	546,000						546,000	DF	
<i>Middle School Locker Relocation</i>	42,000	44,000					86,000	OB	
<i>Middle School Roof Replacement</i>	560,000						560,000	DF	
<i>Garrison Elementary School Renovations</i>	25,000	300,000	5,928,000				6,253,000	DF	
<i>DHS Solar Panel Purchase</i>					600,000	100,000	700,000	RF	
<i>DHS Turf Field and Track Replacement</i>					2,000,000		2,000,000	DF	
TOTAL EDUCATION	2,518,000	1,489,000	7,073,000	1,145,000	3,745,000	1,245,000	17,215,000		
TOTAL GENERAL FUND	12,207,036	9,498,185	16,717,327	16,152,440	14,904,869	11,090,151	80,570,008		
SPECIAL REVENUE FUNDS									
<i>Building Access Control and CCTV Systems</i>	100,000	100,000	100,000	100,000	60,000		460,000	OB	
<i>Conservation Funding</i>	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	OB	
<i>DoverNet Client System Replacement</i>	59,000	54,000	54,000	54,000	54,000	54,000	329,000	OB	
<i>SAU Athletic Improvements</i>	30,000	30,000	30,000	30,000	30,000	30,000	180,000	OB	
<i>SAU Cafeteria Maintenance/Repair/Upgrade</i>	40,000	40,000	40,000	40,000	40,000	40,000	240,000	OB	
<i>SAU Light Vehicle Replacement</i>	50,000	50,000	50,000	50,000	50,000	50,000	300,000	OB	
<i>Parking Facility - Downtown</i>			8,100,000				8,100,000	DF	
<i>McConnell Center Boiler & Pump Replacement</i>			4,500	250,000			254,500	DF	
<i>McConnell Center Rubber Roof</i>			6,500	275,000			281,500	DF	
<i>McConnell Center Gym AC</i>				10,000	260,000		270,000	DF	
TOTAL SPECIAL REVENUE FUNDS	529,000	524,000	8,635,000	1,059,000	744,000	424,000	11,915,000		
TIF DISTRICT FUNDS									
<i>Waterfront - Dredge Cell Closure/Maglaras Park</i>	100,000	3,200,000					3,300,000	DF	
<i>Street Reconstruction Henry Law Ave</i>	80,000		1,220,000				1,300,000	DF	
TOTAL TIF DISTRICT FUNDS	180,000	3,200,000	1,220,000	0	0	0	4,600,000		
COMMUNITY SERVICES - WATER FUND									
<i>Transfer to Capital Reserve</i>	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	OB	
<i>Water Exploration</i>	100,000	100,000	100,000	100,000	100,000	100,000	600,000	RF	
<i>Water Heavy Equipment Replacement</i>	40,000	40,000	40,000	40,000	40,000	40,000	240,000	RF	
<i>Water Light Vehicle Replacement*</i>	15,000	15,000	15,000	15,000	15,000	15,000	90,000	OB	
<i>Water Main Replacement - City Wide</i>	156,000	162,240	168,730	175,479	182,497	189,798	1,034,744	RF	
<i>Water Meter Replacement</i>	175,000	175,000	175,000	175,000	175,000	175,000	1,050,000	OB	
<i>Water Treatment Plant & Well Equipment</i>	78,000	81,120	84,365	87,739	91,249	94,899	517,372	RF	
<i>Wellhead Protection</i>	100,000	100,000	100,000	100,000	100,000	100,000	600,000	RF	
<i>Water Main Replacement - Court Street Area*</i>	75,000			75,000			825,000	DF	
<i>Water Main Replacement - Fifth/Grove Streets*</i>	125,000		875,000				1,000,000	DF	
<i>Water Main Replacement - Oak/Ham/Ela*</i>	500,000						500,000	DF	
<i>Water Main Replacement - Urban Core*</i>	1,900,000						1,900,000	DF	
Water Main Replacement - Littleworth Road		1,000,000	1,000,000				2,000,000	DF	
<i>Water Main Replacement - Durham Road</i>					850,000		850,000	DF	
<i>Water Main Replacement - Horne Street*</i>					100,000		100,000	DF	
<i>Water Main Replacement - Piscataqua Road*</i>					250,000	1,500,000	1,750,000	DF	
Well Upgrades - Hughes Well						2,000,000	2,000,000	DF	
TOTAL WATER FUND	3,764,000	2,173,360	3,058,095	1,943,218	2,403,746	4,714,697	18,057,116		
COMMUNITY SERVICES - SEWER FUND									
<i>Transfer to Capital Reserve</i>	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	OB	
<i>Inflow/Infiltration Study/Mitigation</i>	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000	RF	
<i>Pump Station Equipment Replace-Maint.</i>	78,000	81,120	84,365	87,739	91,249	94,899	517,372	OB	
<i>Sewer Heavy Equipment Replacement</i>	40,000	40,000	40,000	40,000	40,000	40,000	240,000	RF	
<i>Sewer Light Vehicle Replacement*</i>	15,000	15,000	15,000	15,000	15,000	15,000	90,000	OB	
<i>Sewer Main Replacements - City Wide</i>	156,000	162,240	168,730	175,479	182,497	189,798	1,034,744	RF	
WWTP General Permit Compliance	500,000	1,700,000	400,000	400,000	400,000	400,000	3,800,000	OB	
<i>Pump Station Upgrade - Mill Street</i>			200,000	2,300,000			2,500,000	DF	
<i>Sewer Main Replacement - Horne Street*</i>					100,000		100,000	DF	
TOTAL SEWER FUND	1,589,000	2,798,360	1,708,095	3,818,218	1,628,746	1,539,697	13,082,116		
TOTAL OTHER FUNDS	6,062,000	8,695,720	14,621,190	6,820,436	4,776,492	6,678,394	47,654,232		
TOTAL ALL PROJECTS	18,269,036	18,193,905	31,338,517	22,972,876	19,681,361	17,768,545	128,224,240		

Street Reconstruction—Fifth Street and Grove Street	Community Services Department	John B. Storer, Community Services Director
2. Category: Public Works	3. Priority: High	
4. Location: Fifth Street and Grove Street	5. Purpose of Project Request: Modify a project already in the CIP	

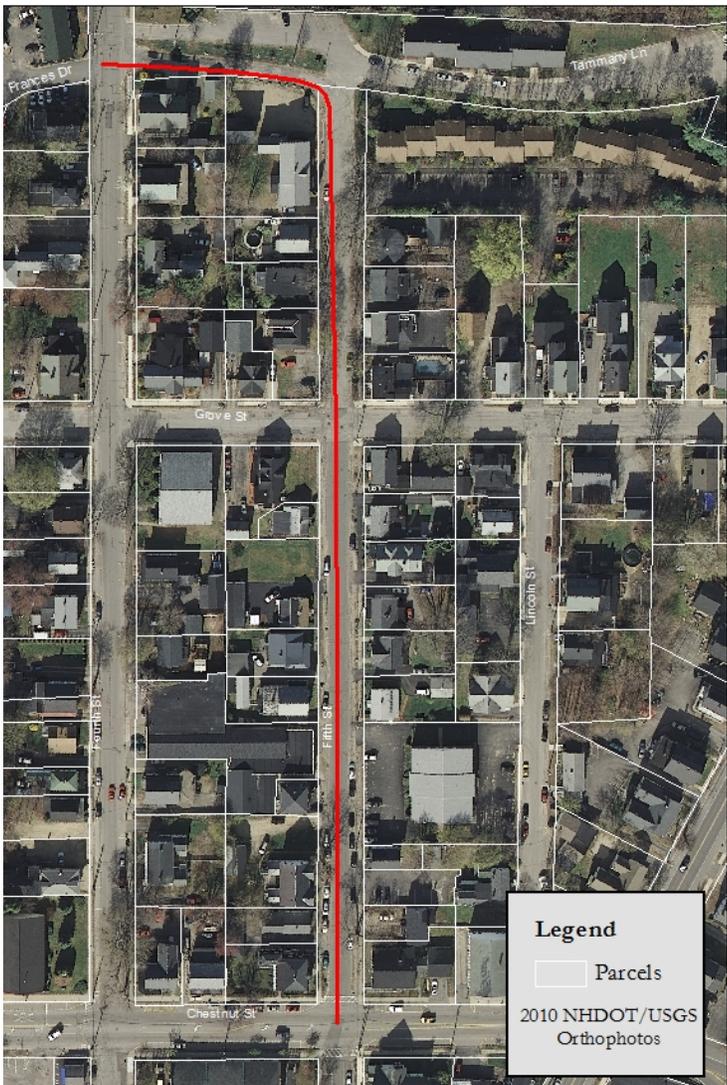
6. Master Plan Chapter, Section and page #: Community Facilities and Utilities

7. Project History (Previous CIP Year or connection to other projects): Water main replacement

8. Description (including incorporating Climate Change):

The project would implement improvements to the Section of Fifth Street from Chestnut Street to Fourth Street and Grove Street from Sixth Street to Third Street. Improvements would include pedestrian, drainage and street tree improvements.

The project would be a Complete Streets update, as per the City's Complete Street and Traffic Calming policy.



9. Justification		Useful Life 30 years
Criteria	Meets	
Protects health and Safety of employees/community	X	
Significantly improves the efficiency of existing services	X	
Preserves a previous capital investment made by the City		
Reduces future operating costs	X	
Increases future operating revenues:		
Supports efforts to promote economic vitality	X	
Supports efforts to promote a high quality of life	X	
Responds to a Federal or State requirement		
PCI # or Consequence of Failure #		
Consistent with Dept. Strategic Plan	X	

10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2022	\$100,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2023	\$750,000	Other	Debt Financing	Choose an item.
Program year FY 2024	\$250,000	Other	Debt Financing	Choose an item.
Program year FY 2025	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2026	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2027	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,100,000	Note:		
After Sixth Year		10B. Source of Cost Estimate: Staff		

Water Main Replacement—Fifth and Grove Streets	Community Services Department	John B. Storer, Community Services Director
2. Category: Water Fund	3. Priority: High	
4. Location: Fifth and Grove Streets, between Chestnut and Fourth Street	5. Purpose of Project Request: Modify a project already in the CIP	

6. Master Plan Chapter, Section and page #: Community Facilities and Utilities

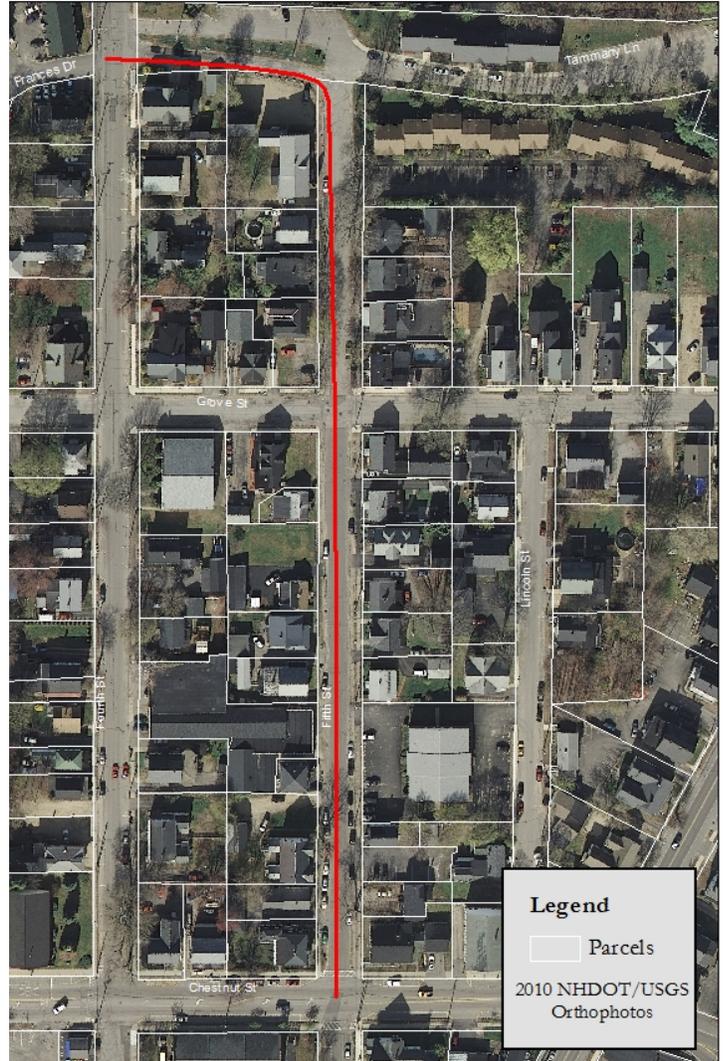
7. Project History (Previous CIP Year or connection to other projects): PW-reconstruction

8. Description (including incorporating Climate Change):

This project will be completed in conjunction with the roadway reconstruction and will replace water services and upgrade the main, where required.

The Fifth Street area has long been an area of concern with older infrastructure in this urban residential area.

The Grove Street line is the oldest in the neighborhood, estimated to be 120 years old, and should be upgraded to avoid future disruptions.



Legend

Parcels

2010 NHDOT/USGS Orthophotos

9. Justification		Useful Life 30 years
Criteria		Meets
Protects health and Safety of employees/community		X
Significantly improves the efficiency of existing services		X
Preserves a previous capital investment made by the City		
Reduces future operating costs		X
Increases future operating revenues:		
Supports efforts to promote economic vitality		X
Supports efforts to promote a high quality of life		X
Responds to a Federal or State requirement		
PCI # or Consequence of Failure #		
Consistent with Dept. Strategic Plan		X

10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2022	\$125,000	Design Engineering	Capital Reserve	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2024	\$875,000	Other	Capital Reserve	Choose an item.
Program year FY 2025	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2026	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2027	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,000,000	Note:		
After Sixth Year		10B. Source of Cost Estimate: Staff		