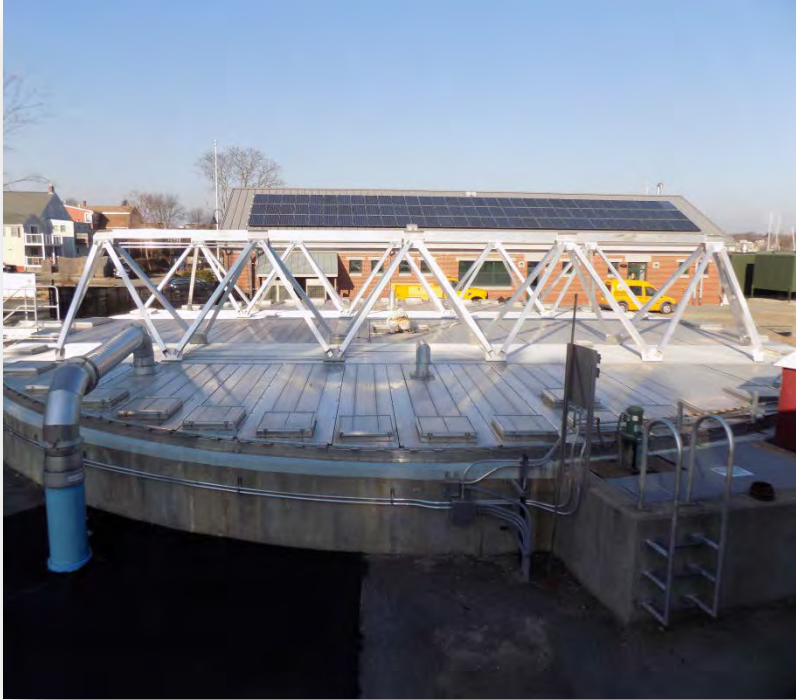


FISCAL YEARS 2020-2024

CAPITAL IMPROVEMENT PROGRAM



Donna D. Holaday, Mayor
City of Newburyport

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I. Executive Summary

Dear President & Members of the City Council:

I am pleased to submit herewith the proposed Fiscal Years 2020-2024 Capital Improvement Program (CIP). All projects listed under FY20 will be accompanied by a funding request prior to or during the next fiscal year. All projects listed under FY2021 through FY2024 will require funding through a combination of sources as noted on the project detail sheets. As you are aware, I have placed significant emphasis on the importance of developing an organized and coordinated CIP for the City, as required by City Charter. This has proved to be a useful tool for the City and is now embedded in the City's long-range financial planning process.

The format and organization of the CIP is designed to include: 1) a description and justification of each project, 2) the year in which the project or acquisition is planned, and 3) the recommended financing mechanism. The City is very active in seeking grants and alternative funding mechanisms before recommending an appropriation from General Fund or Enterprise Fund revenues. In accordance with City Financial Policies, the City seeks to avoid the issuance of debt for any projects less than \$500,000.

Development of the CIP

Prior to the implementation of the CIP, individual departments maintained their own capital budgets. This practice provided an inventory of capital needs for each department but did not engender a comprehensive and holistic approach to capital planning. Prior to FY2013, the City was not able to offer an adequate long-term funding program to address important City-wide infrastructure improvements, replace deteriorating equipment, and repair and renovate facilities.

Since FY2013, I have prioritized the continued development and refinement of a comprehensive capital improvement plan that incorporates the capital needs of all City Departments with a practical funding plan for each year of the program. Department Heads have worked with the Mayor's Office to identify and/or update their most important capital needs for FY2020 through FY2024. Significant time has been spent on developing a realistic funding schedule within the confines of the City's financial resources and aligned with the City's financial policies.

On the following page is a breakdown of capital funding priorities for the coming fiscal year. My hope is that the City Council will continue to recognize the value and importance of committing to funding planned projects and acquisitions on an annual basis, while also acknowledging that the City is faced with new and unexpected capital challenges every year. For FY20, the capital budget totals \$7,581,822.

CAPITAL IMPROVEMENT PROGRAM: FY2020-FY2024

FY2020 Proposed Capital Funding

CIP #	Page	Department	Project Description	Amount	Funding Source
CC001	13	City Clerk	Election Equipment	\$47,300	Free Cash
IT001	14	Information Technology	IT Hardware	\$35,000	Free Cash
IT002	15	Information Technology	Appraisal Software Update	\$20,000	Free Cash
FD004	19	Fire	Two (2) Type I Ambulances	\$600,000	General Fund Debt
FD005	20	Fire	Replacement of Fire Station # 2	\$500,000	General Fund Debt
PD001	24	Police	Surveillance Camera Integration	\$145,995	Free Cash
PL001	30	Planning & Development	Riverfront Critical Gap Trail Project/Clipper City Rail Trail Phase II	\$1,600,000	Grants, General Fund, Sewer Fund
PL003	32	Planning & Development	Complete Streets Transportation Projects	\$400,000	State Grant, Free Cash
PL007	36	Planning & Development	Newburyport Youth Services	\$65,000	Free Cash
PK003	39	Parks	Joppa Park Improvement Project	\$10,000	Grants
PK004	40	Parks	Inn Street Site Amenities	\$20,000	Grants
PK005	41	Parks	Field Improvement - Fuller Complex	\$951,260	Grants
PK007	43	Parks	Ventrak Slope Mower	\$28,000	Free Cash
PK013	49	Parks	Parks Headquarters	\$50,000	Free Cash
PK014	50	Parks	Master Plan for Lower Atkinson Common	\$25,000	Grants
PK015	51	Parks	Bartlet Mall Hist. Restoration – NW Corner Improvements	\$25,000	Grants
YS002	57	Youth Services	Learning Enrichment Vehicle	\$40,000	Learning Enrichment Revolving Fund
HW003	60	DPS - Highway	Drainage Improvement Projects Phase 1	\$400,000	General Fund Debt
HW004	61	DPS - Highway	Purchase of Two 6 Wheel Dump Truck with Plow	\$125,826	Free Cash
HW007	64	DPS - Highway	Purchase 3/4 Gas Pick-up Truck with Plow	\$40,000	Free Cash
HW009	66	DPS - Highway	Roadway Paving Improvement	\$520,000	Chapter 90 Funding
HW010	67	DPS - Highway	Sidewalk Replacement/New Construction Program	\$300,000	Meals Tax
HW011	68	DPS - Highway	Purchase of Tree Truck / Bucket Truck	\$200,000	Free Cash
SW002	73	DPS - Sewer	CCTV and Cleaning Sewer Downtown	\$100,000	Inflow/Infiltration Reserve Fund
SW003	74	DPS - Sewer	New Crane Truck	\$85,000	Sewer Retained Earnings
SW004	75	DPS - Sewer	Bobcat Loader	\$50,000	Sewer Retained Earnings
SW005	76	DPS - Sewer	Purchase of Ten Wheel Dump Truck	\$48,056	Sewer Retained Earnings
SW006	77	DPS - Sewer	WWTF and Sewer System Resiliency Plan	\$200,000	Sewer Retained Earnings, Grants
SW007	78	DPS - Sewer	Aeration System Upgrade	\$71,000	Sewer Fund Excess Bond Proceeds
SW008	79	DPS - Sewer	Headworks Concrete Wall & Ceiling Rehab	\$80,000	Sewer Fund Excess Bond Proceeds
WA001	80	DPS - Water	Water Main Replacement	\$125,000	Water Retained Earnings
WA004	83	DPS - Water	Lower Artichoke Reservoir Dam Improvement	\$50,000	Water Retained Earnings
WA005	84	DPS - Water	Public Water Supply Protection	\$50,000	Water Retained Earnings
WA006	85	DPS - Water	Water Supply - Quality Improvements	\$50,000	Water Retained Earnings
SC002	91	Schools	NHS-Exterior Woodwork Project	\$283,500	Grants, Free Cash, Sale of Buildings
SC004	93	Schools	Tractor	\$54,005	Free Cash
SC006	95	Schools	Nock Molin-Gym Floor Refinish	\$16,880	Free Cash
SC008	97	Schools	NHS-Front Sidewalk Repair & Outdoor Classrooms	\$125,000	Grants
SC009	98	Schools	Nock-Molin-Loading Dock Renovation	\$15,000	Free Cash
SC010	99	Schools	Nock Molin-Walkway/Sidewalk Repairs and Repaving	\$15,000	Free Cash
SC017	106	Schools	NHS-Pettingell Park Infield Renovation	\$15,000	Free Cash
Total				\$7,581,822	

Free Cash Policy

The City's Free Cash Policy provides direction for how the City appropriates its Free Cash. In its most basic definition, Free Cash is the fiscal year-end combination of revenues that come in higher than estimated and expenditures that come in lower than budgeted. After the June 30 close of the fiscal year, the City's Free Cash is certified by the State Department of Revenue (DOR) and available for appropriation. Free Cash must be certified by the DOR's Director of Accounts as of July 1, and cannot be appropriated until it is certified. Once certified, Free Cash can be appropriated up until the following June 30 by City Council for any legal spending purpose. Free Cash is the major source of funding for supplemental appropriations after the budget has been adopted and a tax rate has been set for the year. Maintaining a healthy Free Cash balance gives the City adequate flexibility to address the priority items in the CIP instead of continuing to defer our capital needs.

Free Cash is generated when actual operations of the fiscal year compare favorably with budgeted revenues and expenditures. It results when actual revenue collections exceed the estimates used for budgeting and actual expenditures and encumbrances (committed funds not yet expended) are less than appropriations. Free Cash is affected by uncollected property tax receivables, illegal deficits, overdrawn grant accounts and deficits in other funds (e.g., special revenue funds, agency funds).

According to the Financial Policies that were formally adopted in 2012, Free Cash balances should generally be used for non-recurring expenses. The Free Cash Policy attempts to align one-time revenues with appropriate one-time expenditures. To that end, the following are explicitly authorized uses of Free Cash under this policy:

- Limited Subsidy of the Operating Budget
- Capitalize the Stabilization Fund
- Capital Improvement Program
- Extraordinary Deficits & Emergency Appropriations

In keeping with the intent of this policy, an appropriate use of Free Cash is to fund capital projects that would have otherwise incurred borrowing costs associated with the issuance of debt. The financing of small capital projects or equipment is not considered a best practice for a community our size. Although perfectly legal, the City will continue to move away from incurring debt for vehicles and small equipment purchases and projects.

Bond rating agencies prefer to see cities using a pay-as-you-go approach for smaller capital projects. The one-time nature of Free Cash makes it an appropriate use for one-time capital expenditures. If, for some reason, sufficient Free Cash does not materialize in a given year, the City may borrow for capital projects, or delay them without causing immediate impacts to the operating budget and related services.

CIP Assumptions

The FY2020-2024 CIP is based on the following budgetary assumptions. The City will:

- Continue to build cash reserves, setting a minimum threshold Free Cash balance of 1% of the tax levy;
- Continue to conservatively estimate New Growth;
- Not use funds from General Stabilization for ordinary capital improvements;
- Continue to actively pursue State and Federal funding opportunities and leverage an annual allotment of Community Preservation Act funds; and
- Continue to fund a grant writer to assist in securing outside funding to subsidize particular projects and infrastructure investments.

Overview of the CIP

The CIP includes projects with a five year total estimated cost of \$70,645,375. The projects are divided into five main categories, as shown in the table and graph on the following page.

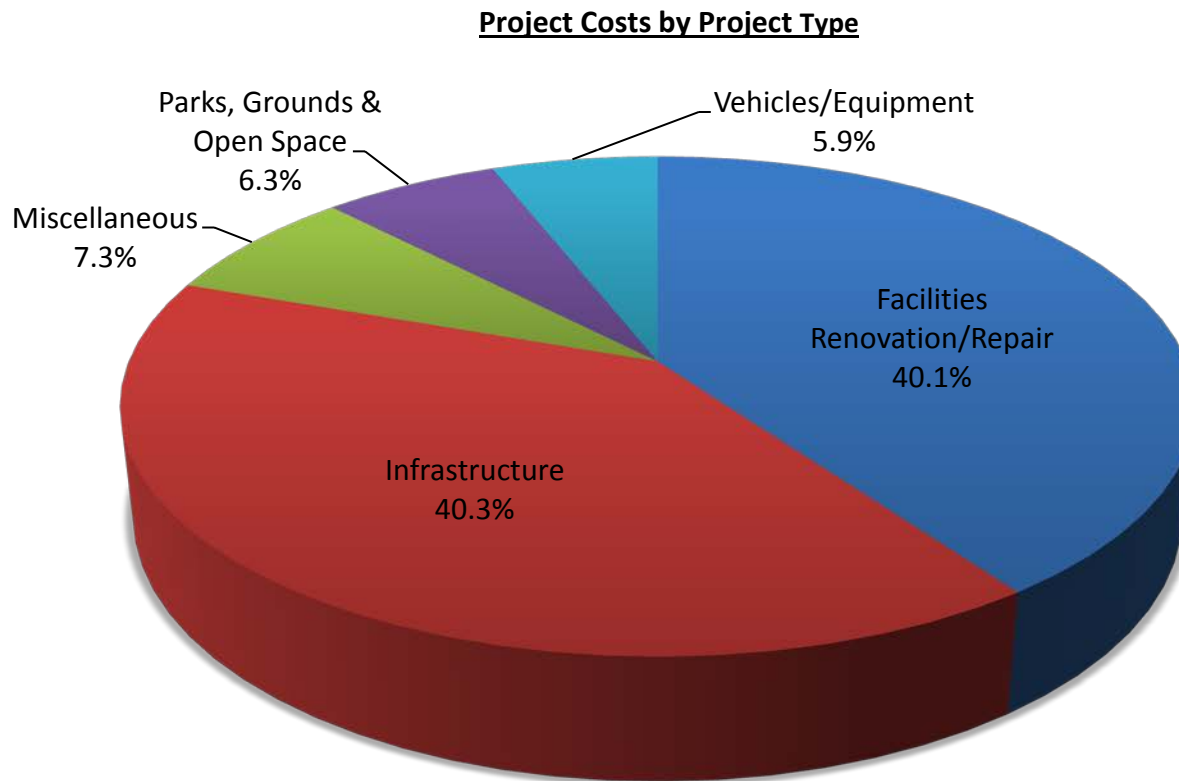
The graph on the page following illustrates that 40.3% of spending is for infrastructure improvements. Infrastructure is the core of any CIP and Newburyport continues to budget capital investments in the City's water and sewer systems, drainage, roadways and sidewalks and information technology. Now that the City has tackled many of the more challenging and costly capital projects over the past several years, we must now put additional emphasis on improving the City's roadways and sidewalks, which are in desperate need of additional funding as the state's Chapter 90 allocation does not do nearly enough. In addition to improving our roadways and sidewalks, my administration has also begun tackling some of the major drainage issues throughout the City with the \$835,000 loan order that was approved by the City Council in FY2017.

Investments in facility renovations and repairs represent 40.1% of the total spending included in the CIP. A significant portion of this spending is for the replacement of Fire Station #2, with an estimated project cost of \$8.0 million, as well as, a High School Science Wing Addition & Renovation Project, with an estimated cost of \$12.0 million. Additional projects include finding a permanent home for Youth Services and a major roof replacement at the High School. The CIP also identifies and anticipates continued investments in existing City buildings, such as rehabilitating the cupola at the High School, renovation of Police Dispatch, HVAC improvements, carpet replacements, among others.

Another consistent category of capital spending is for vehicles and equipment, representing 5.9% of total spending in the CIP. The largest piece of equipment needed in the next five years is a ladder truck for the Fire Department, with an estimated cost of \$1.4

CAPITAL IMPROVEMENT PROGRAM: FY2020-FY2024

million. We are also exploring the idea of operating Fire-based emergency management service (EMS), which would require the acquisition of two ambulances if we decide that makes sense for the City. In addition to the ladder truck and ambulances, we must continue to maintain our fleet of vehicles and equipment used predominantly by the Department of Public Services, Police, Fire, Council on Aging, Youth Services, Parks and Harbormaster.



Funding the CIP

The City remains committed to making annual capital investments through a diverse stream of funding sources. As such, the City has been able to maintain a strong financial position by leveraging State and Federal funds, grants, CPA funds, and strong Free Cash and Retained Earning balances to fund many capital improvements and purchases. This has limited the City's need to borrow to fund smaller capital improvements. The funding philosophy behind the CIP was to continue to fund and invest in capital without drastically increasing the debt burden. As recommended in the best practices report released by the Division of Local Services, the

CAPITAL IMPROVEMENT PROGRAM: FY2020-FY2024

City continues ensure sustainable funding for our Capital Improvement Program by way of maintaining minimum funding target of 8.0% of annual revenue. Over the past five years, the City has funded capital at 8.9% of annual revenue. This minimum ratio becomes an especially useful tool so that, as debt service from older capital projects rolls off, those funds will not be earmarked for other operating needs, but instead retained for future capital investments.

Below is a summary of anticipated project costs for fiscal years 2020 through 2024:

Project Costs by Department

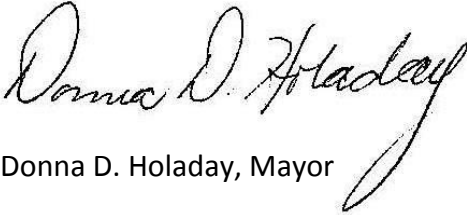
Estimated Costs by Fiscal Year

Department	FY2020	FY2021	FY2022	FY2023	FY2024	Five-Year Total
City Clerk	47,300	-	-	-	-	47,300
Information Technology	55,000	35,000	35,000	41,000	41,000	207,000
Fire	1,100,000	9,475,000	115,000	4,055,000	-	14,745,000
Police	145,995	473,200	-	-	-	619,195
Sustainability	-	650,000	-	-	-	650,000
DPS - Highway	1,585,826	1,935,826	5,026,667	2,776,667	3,736,667	15,061,652
Planning & Development	2,065,000	900,000	4,900,000	5,200,000	1,950,000	15,015,000
Parks	1,109,260	1,113,325	300,300	70,300	217,300	2,810,485
Library	-	153,490	50,000	-	-	203,490
Youth Services	40,000	30,000	-	-	-	70,000
Schools	524,385	1,376,490	7,012,265	6,120,000	-	15,033,140
Total General Fund	\$6,672,766	\$16,142,331	\$17,439,232	\$18,262,967	\$5,944,967	\$64,462,262
DPS - Sewer	634,056	74,056	1,000,000	-	-	1,708,113
DPS - Water	275,000	975,000	2,175,000	525,000	525,000	4,475,000
Total Enterprise Funds	\$909,056	\$1,049,056	\$3,175,000	\$525,000	\$525,000	\$6,183,113
Total Capital Improvements	\$7,581,822	\$17,191,387	\$20,614,232	\$18,787,967	\$6,469,967	\$70,645,375

Conclusion

I want to thank everyone who has helped to make this CIP not just a document, but a real plan. The City continues to make great strides towards improving its capital planning. The capital budget on the following pages highlights the City's ongoing responsibility to maintain its facilities, vehicles, equipment, and infrastructure, and to make the necessary capital investments to meet the needs of our community. Many projects continue to be deferred in order to keep the funding mechanisms realistic, but hopefully those can be included in the CIP in subsequent years. The CIP is a living document in the truest sense and will continue to be reevaluated and updated on an annual basis as part of the budget process. The CIP will also continue to be included as an appendix to the annual operating budget and it is my intention to aggressively pursue funding for each year of the program.

Respectfully submitted,



Donna D. Holaday, Mayor

CAPITAL IMPROVEMENT PROGRAM: FY2020-FY2024

II. FY 2020-2024 CIP Summary

CIP #	Page	Department	Project Description	FY2020	FY2021	FY2022	FY2023	FY2024	Five-Year Total
CC001	13	City Clerk	Election Equipment	\$47,300	\$0	\$0	\$0	\$0	\$47,300
		City Clerk Total		\$47,300	\$0	\$0	\$0	\$0	\$47,300
IT001	14	Information Technology	IT Hardware	\$35,000	\$35,000	\$35,000	\$41,000	\$41,000	\$187,000
IT002	15	Information Technology	Appraisal Software Update	\$20,000	\$0	\$0	\$0	\$0	\$20,000
		Information Technology Total		\$55,000	\$35,000	\$35,000	\$41,000	\$41,000	\$207,000
FD001	16	Fire	Command Vehicle	\$0	\$0	\$60,000	\$0	\$0	\$60,000
FD002	17	Fire	Replace/Update Radio Equipment	\$0	\$55,000	\$55,000	\$55,000	\$0	\$165,000
FD003	18	Fire	Replacement Aerial Ladder Fire Truck	\$0	\$1,400,000	\$0	\$0	\$0	\$1,400,000
FD004	19	Fire	Two (2) Type I Ambulances	\$600,000	\$0	\$0	\$0	\$0	\$600,000
FD005	20	Fire	Replacement of Fire Station # 2	\$500,000	\$7,500,000	\$0	\$0	\$0	\$8,000,000
FD006	21	Fire	Study and Design for NFD Headquarters Station	\$0	\$200,000	\$0	\$0	\$0	\$200,000
FD007	22	Fire	Renovation of NFD Headquarters Station	\$0	\$0	\$0	\$4,000,000	\$0	\$4,000,000
FD008	23	Fire	SCBA Replacement	\$0	\$320,000	\$0	\$0	\$0	\$320,000
		Fire Total		\$1,100,000	\$9,475,000	\$115,000	\$4,055,000	\$0	\$14,745,000
PD001	24	Police	Surveillance Camera Integration	\$145,995	\$0	\$0	\$0	\$0	\$145,995
PD002	25	Police	Dispatch Center Renovation	\$0	\$400,000	\$0	\$0	\$0	\$400,000
PD003	26	Police	Carpet Replacement	\$0	\$30,000	\$0	\$0	\$0	\$30,000
PD004	27	Police	Facility Weatherproofing	\$0	\$30,000	\$0	\$0	\$0	\$30,000
PD005	28	Police	Radar Units	\$0	\$13,200	\$0	\$0	\$0	\$13,200
		Police Total		\$145,995	\$473,200	\$0	\$0	\$0	\$619,195
SU001	29	Sustainability	HVAC Improvements - City Hall	\$0	\$650,000	\$0	\$0	\$0	\$650,000
		Sustainability Total		\$0	\$650,000	\$0	\$0	\$0	\$650,000
PL001	30	Planning & Development	Riverfront Critical Gap Trail Project/Clipper City Rail Trail Phase II	\$1,600,000	\$0	\$0	\$0	\$0	\$1,600,000
PL002	31	Planning & Development	Clipper City Rail Trail Phase III	\$0	\$0	\$900,000	\$900,000	\$0	\$1,800,000
PL003	32	Planning & Development	Complete Streets Transportation Projects	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
PL004	33	Planning & Development	Central Waterfront Bulkhead Phase II	\$0	\$0	\$100,000	\$3,000,000	\$0	\$3,100,000
PL005	34	Planning & Development	Central Waterfront Rail Trail Extension/Park Expansion	\$0	\$0	\$0	\$850,000	\$850,000	\$1,700,000
PL006	35	Planning & Development	Fish Pier Embayment Dredging	\$0	\$0	\$0	\$50,000	\$700,000	\$750,000
PL007	36	Planning & Development	Newburyport Youth Services	\$65,000	\$500,000	\$3,500,000	\$0	\$0	\$4,065,000
		Planning & Development Total		\$2,065,000	\$900,000	\$4,900,000	\$5,200,000	\$1,950,000	\$15,015,000
PK001	37	Parks	Bartlet Mall Frog Pond Restoration	\$0	\$40,500	\$0	\$0	\$0	\$40,500
PK002	38	Parks	Cushing Park Improvement Project	\$0	\$10,000	\$0	\$0	\$212,000	\$222,000
PK003	39	Parks	Joppa Park Improvement Project	\$10,000	\$15,000	\$50,000	\$0	\$0	\$75,000
PK004	40	Parks	Inn Street Site Amenities	\$20,000	\$5,300	\$5,300	\$5,300	\$5,300	\$41,200
PK005	41	Parks	Field Improvement - Fuller Complex	\$951,260	\$0	\$60,000	\$0	\$0	\$1,011,260
PK006	42	Parks	Mini-excavator Purchase	\$0	\$0	\$0	\$65,000	\$0	\$65,000
PK007	43	Parks	Ventrak Slope Mower	\$28,000	\$0	\$0	\$0	\$0	\$28,000
PK008	44	Parks	Purchase of Used Pickup Trucks	\$0	\$25,000	\$25,000	\$0	\$0	\$50,000

CAPITAL IMPROVEMENT PROGRAM: FY2020-FY2024

CIP #	Page	Department	Project Description	FY2020	FY2021	FY2022	FY2023	FY2024	Five-Year Total
PK009	45	Parks	Fuller North Field Irrigation System	\$0	\$0	\$30,000	\$0	\$0	\$30,000
PK010	46	Parks	Worksite Utility Vehicle	\$0	\$0	\$30,000	\$0	\$0	\$30,000
PK011	47	Parks	Atkinson Common Tennis Court Resurfacing	\$0	\$200,000	\$0	\$0	\$0	\$200,000
PK012	48	Parks	Cashman Park Basketball Court Resurfacing	\$0	\$0	\$100,000	\$0	\$0	\$100,000
PK013	49	Parks	Parks Headquarters	\$50,000	\$0	\$0	\$0	\$0	\$50,000
PK014	50	Parks	Master Plan for Lower Atkinson Common	\$25,000	\$0	\$0	\$0	\$0	\$25,000
PK015	51	Parks	Bartlet Mall Hist. Restoration – NW Corner Improvements	\$25,000	\$698,600	\$0	\$0	\$0	\$723,600
PK016	52	Parks	Bartlet Mall Historic Restoration - Walkway Improvement	\$0	\$118,925	\$0	\$0	\$0	\$118,925
		Parks Total		\$1,109,260	\$1,113,325	\$300,300	\$70,300	\$217,300	\$2,810,485
LI001	53	Library	Carpet Replacement	\$0	\$46,490	\$0	\$0	\$0	\$46,490
LI002	54	Library	Front Steps/Retaining Wall Repair	\$0	\$100,000	\$0	\$0	\$0	\$100,000
LI003	55	Library	HVAC System Repair/Replacement	\$0	\$7,000	\$50,000	\$0	\$0	\$57,000
		Library Total		\$0	\$153,490	\$50,000	\$0	\$0	\$203,490
YS001	56	Youth Services	Kelleher Basketball Court	\$0	\$30,000	\$0	\$0	\$0	\$30,000
YS002	57	Youth Services	Learning Enrichment Vehicle	\$40,000	\$0	\$0	\$0	\$0	\$40,000
		Youth Services Total		\$40,000	\$30,000	\$0	\$0	\$0	\$70,000
HW001	58	DPS - Highway	Parker Street/Scotland Road Culvert Replacement	\$0	\$0	\$0	\$200,000	\$700,000	\$900,000
HW002	59	DPS - Highway	Brown's Wharf Culvert Replacement Phase II	\$0	\$0	\$0	\$90,000	\$550,000	\$640,000
HW003	60	DPS - Highway	Drainage Improvement Projects Phase 1	\$400,000	\$0	\$0	\$0	\$0	\$400,000
HW004	61	DPS - Highway	Purchase of Two 6 Wheel Dump Truck with Plow	\$125,826	\$125,826	\$0	\$0	\$0	\$251,652
HW005	62	DPS - Highway	Purchase of Trackless Snow Blower	\$0	\$150,000	\$0	\$0	\$0	\$150,000
HW006	63	DPS - Highway	Purchase 1 1/2 Ton Diesel Dump Truck w/plow	\$0	\$90,000	\$0	\$0	\$0	\$90,000
HW007	64	DPS - Highway	Purchase 3/4 Gas Pick-up Truck with Plow	\$40,000	\$0	\$0	\$0	\$0	\$40,000
HW008	65	DPS - Highway	Stonewall at Highland Cemetery - Repair	\$0	\$0	\$40,000	\$0	\$0	\$40,000
HW009	66	DPS - Highway	Roadway Paving Improvement	\$520,000	\$520,000	\$520,000	\$520,000	\$520,000	\$2,600,000
HW010	67	DPS - Highway	Sidewalk Replacement/New Construction Program	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
HW011	68	DPS - Highway	Purchase of Tree Truck / Bucket Truck	\$200,000	\$0	\$0	\$0	\$0	\$200,000
HW012	69	DPS - Highway	Downtown Water/Sewer/Drain Utility Upgrades	\$0	\$300,000	\$0	\$0	\$0	\$300,000
HW013	70	DPS - Highway	Phillips Drive Roadwork and Drainage	\$0	\$350,000	\$1,666,667	\$1,666,667	\$1,666,667	\$5,350,000
HW014	71	DPS - Highway	Plummer Spring Bridge Replacement	\$0	\$100,000	\$2,500,000	\$0	\$0	\$2,600,000
		DPS - Highway Total		\$1,585,826	\$1,935,826	\$5,026,667	\$2,776,667	\$3,736,667	\$15,061,652
SW001	72	DPS - Sewer	Turkey Hill Sewer Main Replacement	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
SW002	73	DPS - Sewer	CCTV and Cleaning Sewer Downtown	\$100,000	\$0	\$0	\$0	\$0	\$100,000
SW003	74	DPS - Sewer	New Crane Truck	\$85,000	\$0	\$0	\$0	\$0	\$85,000
SW004	75	DPS - Sewer	Bobcat Loader	\$50,000	\$0	\$0	\$0	\$0	\$50,000
SW005	76	DPS - Sewer	Purchase of Ten Wheel Dump Truck	\$48,056	\$48,056	\$0	\$0	\$0	\$96,113
SW006	77	DPS - Sewer	WWTF and Sewer System Resiliency Plan	\$200,000	\$0	\$0	\$0	\$0	\$200,000
SW007	78	DPS - Sewer	Aeration System Upgrade	\$71,000	\$26,000	\$0	\$0	\$0	\$97,000
SW008	79	DPS - Sewer	Headworks Concrete Wall & Ceiling Rehab	\$80,000	\$0	\$0	\$0	\$0	\$80,000
		DPS - Sewer Total		\$634,056	\$74,056	\$1,000,000	\$0	\$0	\$1,708,113

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CIP #	Page	Department	Project Description	FY2020	FY2021	FY2022	FY2023	FY2024	Five-Year Total
WA001	80	DPS - Water	Water Main Replacement	\$125,000	\$325,000	\$325,000	\$325,000	\$325,000	\$1,425,000
WA002	81	DPS - Water	Purchase of Six Wheel Dump Truck	\$0	\$0	\$175,000	\$0	\$0	\$175,000
WA003	82	DPS - Water	Meter Replacement Project (Water/Sewer)	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000
WA004	83	DPS - Water	Lower Artichoke Reservoir Dam Improvement	\$50,000	\$150,000	\$0	\$0	\$0	\$200,000
WA005	84	DPS - Water	Public Water Supply Protection	\$50,000	\$0	\$0	\$0	\$0	\$50,000
WA006	85	DPS - Water	Water Supply - Quality Improvements	\$50,000	\$50,000	\$0	\$0	\$0	\$100,000
WA007	86	DPS - Water	New Hypochlorite Day Tank System	\$0	\$0	\$25,000	\$0	\$0	\$25,000
WA008	87	DPS - Water	Public Water Supply Resiliency Plan	\$0	\$100,000	\$0	\$0	\$0	\$100,000
WA009	88	DPS - Water	Replace Water Supply Line Through Moseley Woods	\$0	\$50,000	\$350,000	\$0	\$0	\$400,000
WA010	89	DPS - Water	Replace Water Supply Line to Route 113	\$0	\$100,000	\$1,100,000	\$0	\$0	\$1,200,000
		DPS - Water Total		\$275,000	\$975,000	\$2,175,000	\$525,000	\$525,000	\$4,475,000
SC001	90	Schools	NHS-Science Wing Addition & Renovation	\$0	\$0	\$6,000,000	\$6,000,000	\$0	\$12,000,000
SC002	91	Schools	NHS-Exterior Woodwork Project	\$283,500	\$84,000	\$0	\$0	\$0	\$367,500
SC003	92	Schools	High School Roof Replacement	\$0	\$900,000	\$0	\$0	\$0	\$900,000
SC004	93	Schools	Tractor	\$54,005	\$0	\$0	\$0	\$0	\$54,005
SC005	94	Schools	NHS-Engineering Services	\$0	\$25,000	\$0	\$0	\$0	\$25,000
SC006	95	Schools	Nock Molin-Gym Floor Refinish	\$16,880	\$0	\$0	\$0	\$0	\$16,880
SC007	96	Schools	NHS-Lighting Upgrades	\$0	\$100,000	\$100,000	\$100,000	\$0	\$300,000
SC008	97	Schools	NHS-Front Sidewalk Repair & Outdoor Classrooms	\$125,000	\$35,000	\$50,000	\$0	\$0	\$210,000
SC009	98	Schools	Nock-Molin-Loading Dock Renovation	\$15,000	\$0	\$0	\$0	\$0	\$15,000
SC010	99	Schools	Nock Molin-Walkway/Sidewalk Repairs and Repaving	\$15,000	\$15,000	\$0	\$0	\$0	\$30,000
SC011	100	Schools	Nock Molin-Tennis Court Renovation	\$0	\$52,950	\$0	\$0	\$0	\$52,950
SC012	101	Schools	Nock Molin-Furniture Replacement	\$0	\$25,000	\$25,000	\$0	\$0	\$50,000
SC013	102	Schools	Nock Molin-Gym & Auditorium Roof Replacement	\$0	\$0	\$662,265	\$0	\$0	\$662,265
SC014	103	Schools	NHS-Furniture Replacement	\$0	\$20,000	\$20,000	\$20,000	\$0	\$60,000
SC015	104	Schools	NHS-Carpet Replacement	\$0	\$25,000	\$25,000	\$0	\$0	\$50,000
SC016	105	Schools	NHS-Ground Floor Vestibules	\$0	\$0	\$30,000	\$0	\$0	\$30,000
SC017	106	Schools	NHS-Pettingell Park Infield Renovation	\$15,000	\$0	\$0	\$0	\$0	\$15,000
SC018	107	Schools	Nock Molin-Eaton Park Infield Renovation	\$0	\$15,000	\$0	\$0	\$0	\$15,000
SC019	108	Schools	NHS School Auditorium Plaster Repairs	\$0	\$0	\$100,000	\$0	\$0	\$100,000
SC020	109	Schools	Technology Upgrades	\$0	\$79,540	\$0	\$0	\$0	\$79,540
		Schools Total		\$524,385	\$1,376,490	\$7,012,265	\$6,120,000	\$0	\$15,033,140
		Grand Total		\$7,581,822	\$17,191,387	\$20,614,232	\$18,787,967	\$6,469,967	\$70,645,375

III. Project Detail Sheets by Department (following pages)

PROJECT DETAIL SHEET (CC001)

Election Equipment

Department:	City Clerk
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$47,300
Estimated Useful Life:	10 Years



Description and Justification:

8 Image Cast Tabulators and tabulator to centralize voting ballot tabulation; Two year hardware and software warranty, shipping and training included.

- Precinct ballot scanning/tabulation
- ADA component built-in
- Dual redundant compact flash memory cards
- Single system to program
- Single system to perform pre-election testing
- Single system to setup on election day
- Three-inch thermal printer

Estimated Costs by Fiscal Year	
FY2020	\$47,300
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$47,300

Operating Budget Impact:	\$0
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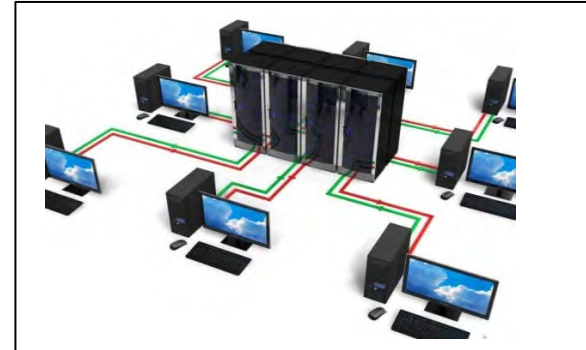
Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (IT001)

IT Hardware

Department:	Information Technology
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$187,000
Estimated Useful Life:	4 Years



Description and Justification:

Ongoing Computer Equipment Maintenance and Renewal:
 2020 (30) Computers to be replaced + 2 multifunction psf
 2021 (30) Computers to be replaced + 2 multifunction psf
 2022 (30) Computers to be replaced + 2 multifunction psf
 2023 (30) Computers to be replaced + 2 multifunction psf + 3 HP Procurve Switches
 2024 (30) Computers to be replaced + 2 multifunction psf + 3 HP Procurve Switches

Estimated Costs by Fiscal Year	
FY2020	\$35,000
FY2021	\$35,000
FY2022	\$35,000
FY2023	\$41,000
FY2024	\$41,000
Total Five-Year Cost	\$187,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (IT002)

Appraisal Software Update

Department:	Information Technology
Category:	Infrastructure
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$20,000
Estimated Useful Life:	10 Years



Description and Justification:

The Assessor's Office is currently utilizing Vision Government Solutions' computer assisted mass appraisal (CAMA) software version 6.5 that is written on an Oracle database which is being sunsetted by Oracle. To solve for that, Vision has developed version 8.0 on a SQL database specifically designed to move away from Oracle and to provide a secure, stable and fully-supported environment for our community's critical real estate data. The cost for converting the real estate data to the new upgraded version 8.0 platform is \$20,000.

Estimated Costs by Fiscal Year	
FY2020	\$20,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$20,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD001)

Command Vehicle

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$60,000
Estimated Useful Life:	8 Years



Description and Justification:

This is a continuation of our fleet replacement. This project would replace Car 2, a 2013 Chevrolet Tahoe, in fiscal year 2022. This vehicle is used by the Deputy Fire Chief.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$60,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$60,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD002)

Replace/Update Radio Equipment

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$165,000
Estimated Useful Life:	10 Years



Description and Justification:

This multi-year project would allow the department to upgrade all of our radio equipment to Motorola Digital-ready base, mobile, and portable equipment.

FY17: 60 mobile (portable) radios funded

FY21-FY23: Annual appropriations to address in-vehicle repeaters and other infrastructure-related improvements. These infrastructure improvements will be for fire, police and DPS.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$55,000
FY2022	\$55,000
FY2023	\$55,000
FY2024	\$0
Total Five-Year Cost	\$165,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD003)

Replacement Aerial Ladder Fire Truck

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$1,400,000
Estimated Useful Life:	20 Years



Description and Justification:

The department's aerial ladder truck is twenty-two (22) years old and in need of replacement. The National Fire Protection Agency (NFPA) standards recognize the useable life of an aerial device as twenty (20) years. Although the vehicle passed its annual inspection this year, several thousand dollars were spent on repairs and it will require extensive repairs in future years. It will take close to a year for delivery of a new ladder truck once the order is placed.

The anticipated financing method would be a 20 year bond issue.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$1,400,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$1,400,000

Operating Budget Impact:	\$105,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD004)

Two (2) Type I Ambulances

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$600,000
Estimated Useful Life:	10 years



Description and Justification:

The department is in need of ambulances in order to transit to a fire-based, Basic Life Support (BLS) EMS service and start transporting patients to hospitals and acute care centers. This project will allow the department to run two Basic Life Support Ambulances for BLS level calls, eliminating the need for dual agency response to minor medical call and improving patient service by offering a continuum of care. Transporting generates revenue for the City in the form of health insurance and Medicare/ Medicaid reimbursements that would cover the costs for the City to take on this service. We would still retain Cataldo/Atlantic Ambulance service for our ALS runs and as a BLS backup. This project is subject to moving forward with fire-based EMS service.

Estimated Costs by Fiscal Year	
FY2020	\$600,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$600,000

Operating Budget Impact:	\$10,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD005)

Replacement of Fire Station # 2

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$8,000,000
Estimated Useful Life:	50 Years



Description and Justification:

The District 2 fire station, built in the early 1970's, is undersized, overcrowded, and is in violation of current building and life safety codes. It is an unsafe, unsanitary and inappropriate place to house fire department personnel. It is imperative that the station remain in District 2 to insure appropriate response times and staffing. Renovation costs would be extensive and not address all the current needs, therefore a total replacement is requested. A \$75,000 feasibility study is underway to determine whether to renovate or replace the station and will continue into FY20.

Estimated Costs by Fiscal Year	
FY2020	\$500,000
FY2021	\$7,500,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$8,000,000

Operating Budget Impact:	\$500,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD006)

Study and Design for NFD Headquarters Station

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$200,000
Estimated Useful Life:	0 Years



Description and Justification:

This project would allow the NFD to hire an architect/engineer to study the space needs of the fire department, and to get through construction docs draw up plans and specifications for the renovation of Central Fire Station. This will allow us to add accurate numbers to the CIP for planning purposes.

This project is necessary due to the condition of the station which is non-compliant with OSHA, NFPA, and state and local building codes. Additionally there are no facilities for gender separation, asbestos is present and the station is cramped.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$200,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD007)

Renovation of NFD Headquarters Station

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$4,000,000
Estimated Useful Life:	50 Years



Description and Justification:

This project would follow the Architectural Study and Design project (FD006) and is a complete renovation and potential addition to the NFD Headquarters station on Greenleaf Avenue. It would also allow for the Emergency Operations Command Center to co-locate at the station. The building was built in 1978 and has had very few upgrades since. It does not meet current code, has no gender separation, and is not ADA compliant. The station lacks the required fire separation from the residence hall and the apparatus bay, and does not meet current life safety code. The building is extremely inefficient, lacks any office or meeting space, and has no training/conference room.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$0
FY2023	\$4,000,000
FY2024	\$0
Total Five-Year Cost	\$4,000,000

Operating Budget Impact:	\$250,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (FD008)

SCBA Replacement

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$320,000
Estimated Useful Life:	8-10 years



Description and Justification:

All of the department's Self-Contained Breathing Apparatus (SCBA) are approaching the end of their useful life, as determined by national standards, and must be replaced. Due to the life-sustaining purpose of this equipment, all units, bottles and breathing masks must be replaced simultaneously for all fire fighting staff.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$320,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$320,000

Operating Budget Impact:	\$0
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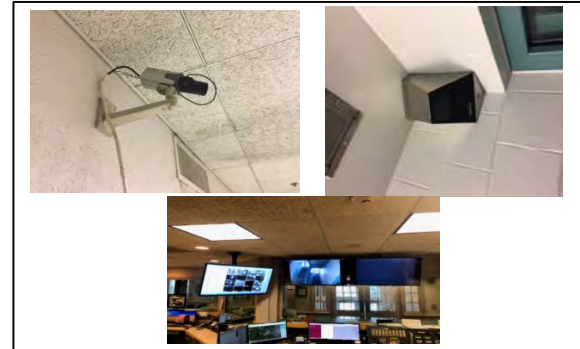
Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PD001)

Surveillance Camera Integration

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$145,995
Estimated Useful Life:	25 years



Description and Justification:

With the construction of the parking garage and the demand for video for the schools, police station, and downtown, a discussion was started to address the ongoing problems that adding more camera technology to the police dispatch center creates. A better plan would be to integrate all city buildings (Schools, Library, Senior Center, Parking Garage) and upgrade all the cameras to network at the PD along with better resolutions. This will also improve some of the operations and maintenance problems.

Estimated Costs by Fiscal Year	
FY2020	\$145,995
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$145,995

Operating Budget Impact:	\$0
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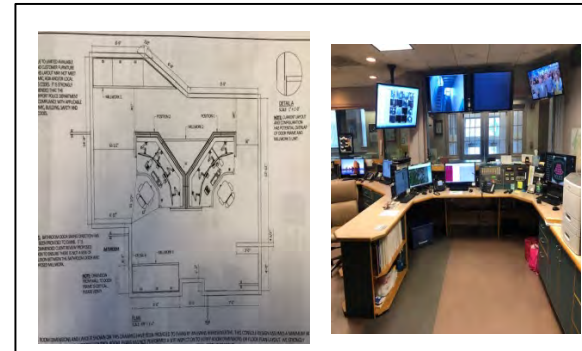
Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PD002)

Dispatch Center Renovation

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$400,000
Estimated Useful Life:	25 years



Description and Justification:

The police department dispatch center is 22 years old and some of the equipment is outdated or beginning to fail. With the advancement of technology and the addition of software and screens to monitor cameras at the schools, Library, Senior Center, parking garage as well as the police department cameras, the dispatch center has become overwhelmed. The need for and upgrade of the dispatch center is overdue. This project will advance our technology into the 21st century and the renovation of the room will be good for at least 25 years.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$400,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$400,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PD003)

Carpet Replacement

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	20 Years



Description and Justification:

The carpet in the police station are currently 20 years old and showing significant wear. There is a lot of traffic in and out of the facility which operates 24 hours a day and 7 days a week.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$30,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PD004)

Facility Weatherproofing

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	15 Years



Description and Justification:

The police department was renovated in 1997, but the older section of the facility has bricks that need weatherproofing every 10 years. It was done 17 years ago.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$30,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PD005)

Radar Units

Department:	Police
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$13,200
Estimated Useful Life:	20 Years



Description and Justification:

The radar units are part of the everyday equipment utilized by officers on the street performing their duties. These units turn on at the beginning of an officer's shift and are used throughout the shift. There are ten units in operation that have not been replaced in 10 years, and each unit costs approximately \$2,200. These units are calibrated every year by the state and must remain in compliance. The plan is to purchase 6 new units

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$13,200
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$13,200

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SU001)

HVAC Improvements - City Hall



Department:	Sustainability
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$650,000
Estimated Useful Life:	20 Years

Description and Justification:

City Hall is in need of major mechanical systems upgrades. The heating system/boiler is over 30 years old and maintenance has been costly. The system has malfunctioned several times causing damage to the server room and offices over the last few years. In addition, several areas of City Hall lack heat/ac or ventilation altogether, including 2 departments located in the basement. Areas that lack central air require yearly window unit purchase and installation. The auditorium lacks AC and therefore limits the availability to rent the space.

To review options, we received a grant to assess all opportunities. Five options were given with the best scenarios ranging between \$550-650K.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$650,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$650,000

Operating Budget Impact:	-\$15,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL001)

Riverfront Critical Gap Trail Project/Clipper City Rail Trail Phase II

Department:	Planning & Development
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$1,600,000
Estimated Useful Life:	100 Years



Description and Justification:

For nearly two decades, the City has been working towards the establishment of an off-road, multi-use, pedestrian and bicyclist Rail Trail looping around the core of our community. The Riverfront Critical Gap Trail project will construct a crucial trail link along a 1,200' section of the Merrimack River shoreline which will fill an important gap in this well-used trail network. The project will address the public health and environmental risks of the identified contaminated soil through excavation and disposal, and will revise plans and amend permits to raise the trail well above the existing grade in order to address flooding and erosion. The project includes reconstruction of a stone revetment that will significantly improve the resilience of this unprotected stretch of shoreline to sea level rise and storm surge events, as well as reduce the vulnerability and mitigate flood damage to the Wastewater Treatment Facility behind it. This off-road trail will replace a substandard interim detour route along narrow Water Street, provide superb views of the mouth of the Merrimack River, and be within easy walking distance for thousands of visitors and residents.

Estimated Project Costs by Fiscal Year	
FY2020	\$1,600,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$1,600,000

Operating Budget Impact:	\$15,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL002)

Clipper City Rail Trail Phase III

Department:	Planning & Development
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$1,800,000
Estimated Useful Life:	100 Years



Description and Justification:

For nearly two decades, the City has been working towards the establishment of a multi-use pedestrian and bicyclist trail looping around the core of our community and connecting with the commuter rail station. The Route 1 Traffic Circle has long been a hazard to pedestrians and bicyclists and has effectively severed the connection between neighborhoods, businesses, services and amenities on either side. A pedestrian was tragically killed by a motorist here in November 2016. The construction of the Rail Trail segments on both sides as well as the residential transit-oriented-development at the commuter rail station is increasing the demand to reshape and improve the circulation in this significant Newburyport gateway area. This project will create a safe corridor for pedestrians and bicyclists along the Parker Street corridor, "close the loop" of the Rail Trail, and re-connect the neighborhoods on either side of the Traffic Circle.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$900,000
FY2023	\$900,000
FY2024	\$0
Total Five-Year Cost	\$1,800,000

Operating Budget Impact:	\$15,000
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL003)

Complete Streets Transportation Projects

Department:	Planning & Development
Category:	Infrastructure
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$2,000,000
Estimated Useful Life:	100 Years



Description and Justification:

The City adopted a “Complete Streets” policy in 2018 and developed a Complete Streets project plan in 2019, which is a prerequisite for securing state grant funding. Complete Streets are designed to provide and encourage safe options for all users and travel modes so that pedestrians and bicyclists of all ages and abilities can move safely and comfortably on a street along with motorists. Complete Streets projects will respect and enhance the historic context of Newburyport, facilitate travel between home, school, parks, stores, work and other destinations, and contribute to the quality of life in our community as well as public safety, health, and overall economic viability. The City has developed a plan of over three dozen Complete Streets projects, and needs to develop engineered designs in order to leverage annual state grant funding available to support construction as well as other funding sources.

Estimated Project Costs by Fiscal Year	
FY2020	\$400,000
FY2021	\$400,000
FY2022	\$400,000
FY2023	\$400,000
FY2024	\$400,000
Total Five-Year Cost	\$2,000,000

Operating Budget Impact:	\$15,000
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL004)

Central Waterfront Bulkhead Phase II

Department:	Planning & Development
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$3,100,000
Estimated Useful Life:	25 Years



Description and Justification:

Phase I was completed in 2014 , and Phase II is necessary to replace/repair the eastern section of the corroding cellular steel bulkhead and associated steel pilings at the central waterfront. The bulkhead supports the boardwalk and the pilings that anchor the floats, all of which are used extensively by thousands of people every year. The 1977 bulkhead is at the end of its service life with holes opening up underwater and weep holes enlarging above water. The boardwalk will eventually be undermined if it is not repaired. The old steel piles have been patched but several have snapped. Plans and specifications have already been developed for Phase II but permitting for this phase must be updated. Work will likely need to be done in the winter to meet permitting requirements.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$100,000
FY2023	\$3,000,000
FY2024	\$0
Total Five-Year Cost	\$3,100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL005)

Central Waterfront Rail Trail Extension/Park Expansion

Department:	Planning & Development
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$1,700,000
Estimated Useful Life:	100 Years



Description and Justification:

This project will provide a multi-use paved trail along the inland edge of an expanded central waterfront park, extending the raised "berm" adjacent to the boardwalk into a broad raised park area of grass, benches, and signage. The circulation network will provide a framework for an organic waterfront park expansion between pedestrian circulation along the boardwalk and bicycle circulation along the trail. Both the extension of Rail Trail bicycle access and the expansion of green waterfront parkland have been conceptualized in multiple plans, and this extent of work is one that most appear to agree upon. While the details and costs associated with an expanded waterfront park have yet to be determined, construction of the rail trail "spine" will address a major component of the initiative.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$0
FY2023	\$850,000
FY2024	\$850,000
Total Five-Year Cost	\$1,700,000

Operating Budget Impact:	\$15,000
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL006)

Fish Pier Embayment Dredging

Department:	Planning & Development
Category:	Miscellaneous
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$750,000
Estimated Useful Life:	100 Years



Description and Justification:

The City's Municipal Fish Pier provides one of the few suitable places remaining for the local commercial fishing fleet to unload its catch. Fishing is an important legacy for Newburyport, and the Fish Pier has been underutilized for decades as it is too shallow for an effective tie-up facility, allowing vessel access only at high tide. Survey, sampling, testing, design, cost estimating and permitting was done in 2009 to dredge about 11,000 SF (2,200 CY of sediment and 450 CY of rock) to a depth of -10 to -11 MLW to provide full-tide access to the eastern face of the Fish Pier. The design plans must be reviewed and updated. The City must then obtain new/updated permits before construction (dredging) can begin. The city has applied for grant funding from the Seaport Advisory Council.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$0
FY2023	\$50,000
FY2024	\$700,000
Total Five-Year Cost	\$750,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PL007)

Newburyport Youth Services

Department:	Planning & Development
Category:	Miscellaneous
Request Type (New/Prior Year):	New
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$4,065,000
Estimated Useful Life:	100 Years



Description and Justification:

Newburyport Youth Services (NYS) previously occupied the former Kelley School Building and is now located at the former Brown School Building. The Brown School is structurally sound but requires upgrades to virtually all systems including electrical and HVAC. City officials are seeking to find an adaptive reuse for the former Brown School building, which will most likely be market rate and affordable housing units. The building continues to deteriorate and is very expensive to operate due to its excessive size. Due to overlapping, and in some cases conflicting, expectations regarding future use of the building and property, it is recommended that NYS be relocated into a new or renovated building on Low Street at the site currently occupied by Emergency Management. The existing structure can be gutted and reconfigured to provide space for NYS, and a new gym space can be built as an addition at the rear. Fundraising may be necessary to support construction costs.

Estimated Project Costs by Fiscal Year	
FY2020	\$65,000
FY2021	\$500,000
FY2022	\$3,500,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$4,065,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK001)

Bartlet Mall Frog Pond Restoration

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$40,500
Estimated Useful Life:	100 Years



Description and Justification:

Frog Pond and the Bartlet Mall play a major role in hosting annual festivals and other cultural events and are listed in the National Register of Historic Places. The pond currently exhibits excessive algal growth (eutrophication) leading to low water clarity, low dissolved oxygen and generally poor aesthetic quality. It is potentially hazardous to humans and pets. To improve the water quality of Frog Pond and the aesthetic appeal of the area, the City has undertaken a restoration of the pond and has recently learned of an innovative technology that has demonstrated the ability to clean the water for much lower cost than previously thought possible.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$40,500
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$40,500

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK002)

Cushing Park Improvement Project

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$222,000
Estimated Useful Life:	25 Years



Description and Justification:

What was once a lush, green open space known as Kent Street Common and dedicated as Cushing Park in the 1890s was transferred in the 1950s to serve as a parking lot for a nearby industry. The space has continued to be used as a municipal parking lot, primarily for parking during snow emergencies. The Parks Commission has been working toward a more park-like feel to the space while retaining its functionality as winter parking by adding a green buffer with a rain garden, renovating the landscape border along Ken Street, and adding moveable park amenities, which can create an outdoor gathering space during the warm season, and be removed in winter to allow for parking. The commission eventually plans to repave the remaining asphalt. The project thus far has been entirely funded by The Mayor Gayden W. Morrill Charitable Foundation.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$10,000
FY2022	\$0
FY2023	\$0
FY2024	\$212,000
Total Five-Year Cost	\$222,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK003)

Joppa Park Improvement Project

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$75,000
Estimated Useful Life:	30 Years



Description and Justification:

Improving Joppa Park is a multi-year project to improve a highly visible, well used waterfront park. Many improvements have been made including adding a perennial hedge to protect the park, addition of eight new benches, renovation of the central garden and lawn, new water bubbler, new irrigation for plantings and lawn and addition of four historic interpretive panels. The following additional improvements will make the park safe and attractive: renovation of the boat ramp and parking area (funded by State Department of Fish and Game & CPA), replacement of the badly damaged and dangerous asphalt walkway along the sea wall with brick pavers. All improvements other than the boat ramp and parking design are funded by The Mayor Gayden W. Morrill Charitable Foundation.

Estimated Costs by Fiscal Year	
FY2020	\$10,000
FY2021	\$15,000
FY2022	\$50,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$75,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK004)

Inn Street Site Amenities

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$41,200
Estimated Useful Life:	30 Years



Description and Justification:

Renovations to Inn Street and the larger downtown area completed in the 1970s have contributed significantly to the appearance of our most prized public spaces, and have helped to protect the historic integrity of the area. In recent years the fountain was repaired. Other site amenities, landscaping and deferred maintenance such as resetting of bricks, cleaning of efflorescence from brick stairwells, pointing of brick and repair of metal balusters on elevated walkway need further attention. Site amenities will include high-quality/low-height landscape fencing around trees and planting beds to protect plantings and lighting fixtures, moveable site furniture, trees and other plantings. Funding provided by The Mayor Gayden W. Morrill Charitable Foundation.

Estimated Costs by Fiscal Year	
FY2020	\$20,000
FY2021	\$5,300
FY2022	\$5,300
FY2023	\$5,300
FY2024	\$5,300
Total Five-Year Cost	\$41,200

Operating Budget Impact:	\$21,200
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK005)

Field Improvement - Fuller Complex

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$1,011,260
Estimated Useful Life:	30 Years



Description and Justification:

The aging Bradley Fuller Athletic Complex is badly in need of repairs to the track and drainage improvements to the north portion of the facility. Phase one of the project renovated and expanded the 400m track & field facility to accommodate state track meet standards. A new multi-use synthetic turf field will be installed inside track to address the city's need to increase field capacity. Expanded parking, walkways, spectator seating and concessions amenities will contribute to the facility's potential to host a state meet and address current drop-off and parking safety issues.

Completed: Track, infield, track and field events area, goal post, netting, site landscaping, Low Street fencing, storage sheds, drainage, synthetic turf ready.

Remaining: FY2020: Grandstand, press box, scoreboard, parking, new field house, walkways, extend power for track & timing

FY2022: Resurface track

TBD: Install synthetic turf infield (\$1M)

Estimated Costs by Fiscal Year	
FY2020	\$951,260
FY2021	\$0
FY2022	\$60,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$1,011,260

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK006)

Mini-excavator Purchase

Department:	Parks
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$65,000
Estimated Useful Life:	15 years



Description and Justification:

- Mini-excavator, 7,000 pound with bucket plow bull-dozer blade
- Labor saving equipment for tasks such as digging stumps, building rock walls, pulling posts & fencing, digging irrigation pits, grading, removal of asphalt, hardscape work, moving logs
- Allow us to do costly capital projects in-house
- Saves on rental costs of \$375/day (\$1,500/week)

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$0
FY2023	\$65,000
FY2024	\$0
Total Five-Year Cost	\$65,000

Operating Budget Impact:	\$500
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK007)

Ventrak Slope Mower

Department:	Parks
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$28,000
Estimated Useful Life:	15 years



Description and Justification:

- Allows us to mow slopes safely that we currently cannot mow safely, or at all. Doing the slopes by hand with a push mower and rope or with weed trimmer is labor-intensive, so this equipment also represents labor cost saving. Mowing on a slope with regular mowers poses a significant safety risk to staff. This mower would be particularly useful at:
 - Bartlet Mall
 - March's Hill
 - Behind Eaton Baseball Field
- Can replace one of the two other mowers we need to purchase in FY20

Estimated Costs by Fiscal Year	
FY2020	\$28,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$28,000

Operating Budget Impact:	\$500
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK008)

Purchase of Used Pickup Trucks

Department:	Parks
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$50,000
Estimated Useful Life:	7 years



Description and Justification:

Purchasing two pickup trucks will allow the city to reduce the number of miles driven by employees in their personal vehicles in service for the parks and thereby reduce mileage reimbursement costs and liability. The truck will allow staff to carry more landscaping materials, reducing trips to and from job site to compost or headquarters.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$25,000
FY2022	\$25,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$500
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK009)

Fuller North Field Irrigation System

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	30 Years



Description and Justification:

- Lack of irrigation on Fuller North Field negatively impacts the quality of turf. The playing surface become too compacted through heavy use creating a hard surface that can cause injury, including concussions.
- A lot of the infrastructure is already there, which will help reduce overall cost
- Can be accomplished in house over time for a lower cost given adequate manpower

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$30,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$500
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK010)

Worksite Utility Vehicle

Department:	Parks
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	15 Years



Description and Justification:

- Replaces existing, aging ATV
- Will be used to move and transport plant materials, compost and wood chips
- Compact, versatile vehicle that can maneuver through trails, slopes, hills, etc. and access and care for landscaping
- Can plow the ice on Bartlet Mall Frog Pond for skating
- Can plow snow on the rail trail and for ice management, using the RTV mounted sand/salting unit which will control overuse that causes possible damage to plants/turf.
- We will also use the vehicle as a water truck/tank (accessory) to water the valuable landscape plants; and
- This vehicle enables us to have faster reaction to unsafe conditions by having a smaller piece of equipment on the trail that large trucks cannot attend to due to width restrictions and turning radii

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$30,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$500
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK011)

Atkinson Common Tennis Court Resurfacing

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$200,000
Estimated Useful Life:	30+ Years



Description and Justification:

Atkinson Common Tennis Courts are in high demand by residents and also serve as home courts for NHS tennis team. The courts underwent some repairs in 2013 funded by a U.S. Tennis Association grant. They are now in need of more extensive renovation, having reached a degree of disrepair that presents safety hazards to players.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$200,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK012)

Cashman Park Basketball Court Resurfacing

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$100,000
Estimated Useful Life:	20+ Years



Description and Justification:

Cashman Park Basketball Courts are popular with residents and organized leagues. The courts are now more than 20 years old and are in need of renovation, having reached a degree of disrepair that presents safety hazards to players.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$100,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK013)

Parks Headquarters

Department:	Parks
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$50,000
Estimated Useful Life:	20+ Years



Description and Justification:

The Parks Dept has been in need of a central office since FY15 when parks maintenance shifted from contracted to in-house. Currently, our staff, equipment, tools and materials are accommodated at several locations throughout the city including City Hall, Cashman Park, Moseley Woods and Atkinson Common. The main building at Atkinson Common, out of which field staff currently operates, has inadequate heat and no bathrooms or running water from mid-October through beginning of May. It has no office space. In addition, neighbors of Atkinson Common are concerned about increased Parks Dept activities at the park ever since we had to assume responsibility for maintaining the park. The City has been offered a \$1 lease at 51R Water Street that would need to be fitted out. The building is located on the Clipper City Rail Trail, at the midway point between the beginning of Rail Trail 1 and end of Rail Trail 2. Staff can easily access parks for maintenance purposes and it is publicly accessible by foot, bicycle or car. The facility will be used to house parks offices, meeting space, a workshop, tools and supplies. The costs of fixtures and a restroom will be covered by the building owner. The rest of the fit out would be covered by this CIP request. Any heavy equipment or large amounts of material that need to be stockpiled will be kept at the site behind the yard waste facility on Colby Farm Lane.

Estimated Costs by Fiscal Year	
FY2020	\$50,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK014)

Master Plan for Lower Atkinson Common

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$25,000
Estimated Useful Life:	30 Years



Description and Justification:

Create a master plan design and project cost estimate to renovate all non-field space at the Lower Atkinson Common along Merrimac Street, long used by the Pioneer League for all for all of its games and the High School for girls' softball. The impetus for this project is the need to improve safety in the parking area and on Merrimac Street which experiences a high volume of speeding vehicles along that stretch of road creating a hazard for pedestrians and other drivers. Reconfiguring the parking area to improve safety will require other changes to the non-field areas of the park including the playground, basketball area, and clubhouse.

Estimated Costs by Fiscal Year	
FY2020	\$25,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK015)

Bartlet Mall Hist. Restoration – NW Corner Improvements

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$723,600
Estimated Useful Life:	30 Years



Description and Justification:

A portion of the greater Bartlet Mall Historic Restoration will include:

- * Restoring the historic driveway access to Frog Pond from Auburn Street;
- * Returning the pedestrian promenade with tree alley to its original splendor extending the promenade to Auburn Street;
- * Renovating the play area (today’s renovation of the playground located there will create a fully-inclusive recreational space);
- * Finishing construction begun in 1887 by the Mall Improvement Association to form steep slopes at the northwest corner of the park to support a raised recreational area.

*Renovation of Basketball court, which is being funded and executed by local developer Blake Wilcox; beautification is being funded by The Mayor Gayden Morrill Charitable Foundation

Estimated Costs by Fiscal Year	
FY2020	\$25,000
FY2021	\$698,600
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$723,600

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (PK016)

Bartlet Mall Historic Restoration - Walkway Improvement

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$118,925
Estimated Useful Life:	30 Years



Description and Justification:

Renovate and replace walkways within the park to make them more accessible. The plan is to remove existing, cracked, uneven, failing asphalt walkways with a porous flexible paving. The proposed paving material provides a low-maintenance, wheelchair accessible surface that also helps to manage stormwater because of its permeability. Further improvements will include renovating existing crushed stone walkways to make them better compacted to withstand winter and wet weather. Bartlet mall is a prime destination for runners, strollers and dog walkers and plays a major role in hosting annual festivals and other cultural events. The cracked, uneven walkways present barriers to accessing the park by residents and visitors of all abilities.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$118,925
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$118,925

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (LI001)

Carpet Replacement

Department:	Library
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$46,490
Estimated Useful Life:	20 Years



Description and Justification:

Original carpets installed during the 2001 building project are now 17 years old. We have systematically replaced worn carpets over the last eight years with Capital Improvement funds, state aid and grant funding. Funding for the remaining carpet replacements (2nd/3rd floor stack areas) has been sought since FY14-15.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$46,490
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$46,490

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (LI002)

Front Steps/Retaining Wall Repair

Department:	Library
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$100,000
Estimated Useful Life:	20 Years



Description and Justification:

The Library landscaping and hardscape was completed for the spring 2001 opening of the expanded and renovated library. The retaining wall on the corner of State Street and Prince Place has shifted and is bowed out. Also, the front granite steps have been shifting and were repaired by a mason in September/October 2009. DPS also did minor repair in August 2018 to move the middle granite step back into place. A small section of the concrete ramp adjacent to the steps has also deteriorated and needs to be replaced. An engineer will be contracted to review the project and determine the scope of work for addressing the cause and the needed repair work.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$100,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (LI003)

HVAC System Repair/Replacement

Department:	Library
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$57,000
Estimated Useful Life:	20 Years



Description and Justification:

Original HVAC system installed during the 1999-2001 building project is now almost 20 years old. Numerous repairs and equipment replacement has occurred during this time. The controls and equipment continue to be an issue with both cooling and heating. In FY19 HVAC maintenance fees at significant at \$13,325. In FY18 over \$20,000 was spent on maintenance and repair to the system. An consultant/engineer will be contracted to study functioning, efficiency, and past maintenance and repair of the system in order to develop a scope of work for planned repair/replacement. \$7,000 for the study, \$50,000 for repairs.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$7,000
FY2022	\$50,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$57,000

Operating Budget Impact:	-\$10,000
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (YS001)

Kelleher Basketball Court

Department:	Youth Services
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	50 Years



Description and Justification:

NYS in partnership with the Newburyport Housing Authority have identified a need for a basketball court next to the playground in the center of Kelleher Gardens. This will create a safe, visible location for older youth and adults to play basketball (and possibly other games) in the neighborhood.

*Funding sources included Learning Enrichment Center donations, NYS revenue and grants (possibly CPC) and in-kind services.

Estimated Project Costs by Fiscal Year	
FY2020	\$0
FY2021	\$30,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (YS002)

Learning Enrichment Vehicle

Department:	Youth Services
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$40,000
Estimated Useful Life:	15 Years



Description and Justification:

NYS has identified the need for a vehicle for use in the Learning Enrichment Center's cultural and enrichment opportunities for children and families. NYS currently shares a van with the Newburyport Public Schools. That van will be transferred for full time use of the school and the new mini-bus with wheelchair access will be used by NYS for the NLEC as well as other programs as needed.

Other funding source: Funds have been identified in the Learning Enrichment Center Activity Fund & NYS revenue

Estimated Project Costs by Fiscal Year	
FY2020	\$40,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW001)

Parker Street/Scotland Road Culvert Replacement

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$900,000
Estimated Useful Life:	75 years



Photo by Benchmark Survey, October 7, 2010.

Description and Justification:

The existing twin corrugated metal arch culvert is structurally deficient and in need of replacement. In addition, the existing culvert is restricting flow and causing upstream flooding. A larger culvert will help alleviate this. \$200k for design, \$700k for construction.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$0
FY2023	\$200,000
FY2024	\$700,000
Total Five-Year Cost	\$900,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW002)

Brown's Wharf Culvert Replacement Phase II

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$640,000
Estimated Useful Life:	100 years



Description and Justification:

Replacement of existing brick drainage culvert that runs beneath the Brown's Wharf Building. The culvert is over 100 years old and structurally deficient. A collapse could potentially undermine the building. \$90k for design, \$550k for construction. Old culvert location would be abandoned and the new culvert would be relocated.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$0
FY2023	\$90,000
FY2024	\$550,000
Total Five-Year Cost	\$640,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW003)

Drainage Improvement Projects Phase 1

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$400,000
Estimated Useful Life:	100 years



Description and Justification:

Repair and / or install storm water drainage infrastructure at multiple locations around the city to relieve flooding problems and eliminate potential public and private property damage caused by this flooding. The following streets are included in this work: Tilton Street, Malcolm Hoyt Road, East Boylston Street, Market Square/Ferry Wharf Drainage Bypass Project, Noble Street @ Coombs Circle, Coltin Drive, and High Street Bridge at the Rail Trail.

This project is funded by authorized General Fund Debt.

Estimated Costs by Fiscal Year	
FY2020	\$400,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$400,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW004)

Purchase of Two 6 Wheel Dump Truck with Plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$251,652
Estimated Useful Life:	15 Years



Description and Justification:

These two trucks will replace one 1999 Mack dump-truck and one 1969 FW10 (four-wheel drive) dump truck with wing plows. These are front line trucks used to haul materials to and from job sites and for snow plowing.

Funding is through a three-year lease to purchase with payments due FY19, FY20 and FY21.

Estimated Costs by Fiscal Year	
FY2020	\$125,826
FY2021	\$125,826
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$251,652

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW005)

Purchase of Trackless Snow Blower

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$150,000
Estimated Useful Life:	12 Years



Description and Justification:

This piece of equipment would be used to clear snow from sidewalks and streets.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$150,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$150,000

Operating Budget Impact:	\$1,000
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW006)

Purchase 1 1/2 Ton Diesel Dump Truck w/plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$90,000
Estimated Useful Life:	10 Years



Description and Justification:

This truck will replace truck #12 which is a 2001 Chevy C3500 dump truck. This truck is in very poor condition and has been taken off the roadway.

During FY18, the City funded the replacement of truck #15 which included plow and sander.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$90,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$90,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW007)

Purchase 3/4 Gas Pick-up Truck with Plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$40,000
Estimated Useful Life:	10 Years



Description and Justification:

This F150 4x4 pickup truck will replace a 2001 Ford F150 pickup truck (#14) assigned to Facilities Division which has exceeded its life expectancy.

Estimated Costs by Fiscal Year	
FY2020	\$40,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW008)

Stonewall at Highland Cemetery - Repair

Department:	DPS - Highway
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$40,000
Estimated Useful Life:	100 Years



Description and Justification:

This wall is in need of significant masonry repair. 100 feet of the most significantly deteriorated section of the wall will need to be replaced.

Transfer of funds will be requested from Cemetery Receipts.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$40,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW009)

Roadway Paving Improvement

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$2,600,000
Estimated Useful Life:	30 Years



Description and Justification:

We currently receive over \$500,000 per year for roadway and sidewalk construction citywide from Chapter 90 funding. These limited funds require the annual prioritization of roads in the greatest need of repair as we continue to work to upgrade and maintain our network of roads throughout the City.

Estimated Costs by Fiscal Year	
FY2020	\$520,000
FY2021	\$520,000
FY2022	\$520,000
FY2023	\$520,000
FY2024	\$520,000
Total Five-Year Cost	\$2,600,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW010)

Sidewalk Replacement/New Construction Program

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$1,500,000
Estimated Useful Life:	30 Years



Description and Justification:

The City dedicates a minimum of 50% of annual meals tax receipts to replace and reconstruct sidewalks city-wide. Trust fund(s) are also available for sidewalk replacement, subject to approval by the City's Trust Fund Committee.

Estimated Costs by Fiscal Year	
FY2020	\$300,000
FY2021	\$300,000
FY2022	\$300,000
FY2023	\$300,000
FY2024	\$300,000
Total Five-Year Cost	\$1,500,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW011)

Purchase of Tree Truck / Bucket Truck

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$200,000
Estimated Useful Life:	15 Years



Description and Justification:

The current Tree Truck is a 1999 international that requires extensive and is costly to maintain. Until replaced, annual repairs are needed in order meet MassDOT certification requirements.

Estimated Costs by Fiscal Year	
FY2020	\$200,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW012)

Downtown Water/Sewer/Drain Utility Upgrades

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$300,000
Estimated Useful Life:	75 years



Description and Justification:

Replacement of aging water, sewer, and drainage systems in State Street, Market Square, and sections of Merrimac and Water Streets. These utilities are failing and have caused damage to abutting property owners. In most areas these utilities are over 100 years old. Failures to the water and sewer systems in this area could be devastating because they are the main trunk lines for our systems. \$300k for Survey and design, construction costs TBD based on final design. We will continue to find short-term low cost fixes to relieve flooding while working on a plan that includes design of a replacement drainage system that will incorporated with the sewer and water replacement master plan.

Costs to be shared by the General Fund, Water Enterprise Fund and Sewer Enterprise Fund.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$300,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$300,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW013)

Phillips Drive Roadwork and Drainage

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$5,350,000
Estimated Useful Life:	25 Years



Description and Justification:

The Phillips Drive neighborhood, including Phillips Drive, Drew Street, Sullivan Drive, and Ryan Road, has experienced higher-than-normal flooding events over the past decade. The 1.2 miles of roadway and drainage systems have not been improved upon since they were built decades ago and are in poor shape. The drainage systems are insufficient to handle most storm events, the roads do not have curbing to control runoff, and there are no surface bypass systems, all of which has caused flooding of properties and buildings.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$350,000
FY2022	\$1,666,667
FY2023	\$1,666,667
FY2024	\$1,666,667
Total Five-Year Cost	\$5,350,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (HW014)

Plummer Spring Bridge Replacement

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$2,600,000
Estimated Useful Life:	75 Years



Description and Justification:

Plummer Spring Bridge supports the road that separates the Upper and Lower Artichoke Reservoirs and sits on the town line with West Newbury. The granite block retaining walls are collapsing and the approaches have settled dramatically. 2016 and 2017 MDOT inspection reports classified the bridge as being severely deficient and that repairs/replacement be made as soon as possible. Until this is done the bridge will be closed. The City and West Newbury are working together and utilizing a MassDOT Small Bridge Grant for survey, feasibility and design. We do not anticipate being awarded any funds this year. Subsequent years are for construction.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$100,000
FY2022	\$2,500,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$2,600,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW001)

Turkey Hill Sewer Main Replacement

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$1,000,000
Estimated Useful Life:	100 Years



Description and Justification:

Turkey Hill sewer main is 3,000 LF of aging Asbestos 15" line in need of replacement with PVC.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$1,000,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$1,000,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW002)

CCTV and Cleaning Sewer Downtown

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$100,000
Estimated Useful Life:	1 Years



Description and Justification:

The downtown sewer was cleaned in the early 1990's to reduce the amount of debris flowing through the downtown pipes. With the amount of flow generated in the downtown area, CCTV and cleaning is a priority.

An evaluation was performed and a report was generated on December 8, 2015 regarding the condition of the downtown sewer. The report found one major issue in three different locations. The issue is called bottlenecking. For example, a 42" diameter pipe that reduces into a 38" pipe and then back to 42" pipe, creating a bottleneck. CCTV work will inspect the condition of the existing pipe. The area of proposed work is the Route 1 bridge to the WWTF. I/I funds can be used for this work.

Estimated Costs by Fiscal Year	
FY2020	\$100,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW003)

New Crane Truck

Department:	DPS - Sewer
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$85,000
Estimated Useful Life:	10 Years



Description and Justification:

The current 2008 Crane truck is used daily to pull pumps and other mechanical equipment when needed. The current truck has reached its life expectancy. Crane needs replacement due to wear.

Estimated Costs by Fiscal Year	
FY2020	\$85,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$85,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW004)

Bobcat Loader

Department:	DPS - Sewer
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$50,000
Estimated Useful Life:	15 Years



Description and Justification:

The New Bobcat would replace aging 1996 Bobcat.

Estimated Costs by Fiscal Year	
FY2020	\$50,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW005)

Purchase of Ten Wheel Dump Truck

Department:	DPS - Sewer
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$96,113
Estimated Useful Life:	15 Years



Description and Justification:

This piece of equipment is necessary for the Sewer Division to continue to haul sludge from the Wastewater Treatment Facility. It replaced an existing piece of equipment from 2004. The vehicle it replaced exceeded its normal life due to the environment and the material being transported.

Due to the replacement cost, a three-year lease/purchase plan of \$48,056.00/year was utilized rather than the one-time full purchase price. Approved June 2018, two more payments due in coming years.

Estimated Costs by Fiscal Year	
FY2020	\$48,056
FY2021	\$48,056
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$96,113

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW006)

WWTF and Sewer System Resiliency Plan

Department:	DPS - Sewer
Category:	Miscellaneous
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$200,000
Estimated Useful Life:	25 Years



Image courtesy of Flood Control International, Inc.

Description and Justification:

The Waste Water Treatment Facility and many of the city's sewer pumping stations are vulnerable to flooding, storm surge, and rising seas. Preparations must be made to protect the facility from flood damage especially in light of climate change impacts which bring more intense storms.

A grant-funded resiliency study is currently in process for the WWTP. Additional funds are need to assess the sewer pumping stations and for feasibility and design phases. Construction phases to be coordinated with the Rail Trail Phase II project.

Estimated Costs by Fiscal Year	
FY2020	\$200,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW007)

Aeration System Upgrade

Department:	DPS - Sewer
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$97,000
Estimated Useful Life:	20 Years



Description and Justification:

Continuation of aeration upgrades started in 2010. Project will provide slide gates on influent structures for needed control of biomass concentration within tanks. The addition of automated air valve actuators, power and control wiring, and modification of the aeration control algorithm will provide for proper Dissolved Oxygen concentration control.

Estimated Costs by Fiscal Year	
FY2020	\$71,000
FY2021	\$26,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$97,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SW008)

Headworks Concrete Wall & Ceiling Rehab

Department:	DPS - Sewer
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$80,000
Estimated Useful Life:	20 Years



Description and Justification:

This project will entail cleaning, repair and rehabilitation of concrete surfaces. Surfaces will be coated with corrosive-resistant products. This will help protect the concrete structure. Without this work the walls will continue to decay and potentially compromise the structural steel resulting in major renovation/rebuild of the structure.

Estimated Costs by Fiscal Year	
FY2020	\$80,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$80,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA001)

Water Main Replacement

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$1,425,000
Estimated Useful Life:	100 Years



Description and Justification:

The Water Division continues its goal of making improvements to the aging water distribution infrastructure. The Division has developed a schedule of planned distribution replacements. In an effort to minimize the effect on the annual operating budget, funds are designated each year into capital Water Main Replacement fund. Actual streets selected may change due to roadway reconstruction.

- Construction Season 2018: Spring Lane, test pits & exploratory - \$20,000; Toppans Lane, 2700 LF of 8" DI pipe - \$300,000
- Construction Season 2019: Columbus Ave, 1700 LF of 8" DI pipe to be outsourced - \$350,000
- Construction Season 2020: Willow Ave, 500LF of 8" DI pipe - \$100,000
- Construction Season 2021: Arlington St, 1000 LF of 8" DI - \$225,000
- Construction Season 2022: Monroe St, 1800LF of 8" DI, est. cost \$450,000

Estimated Costs by Fiscal Year	
FY2020	\$125,000
FY2021	\$325,000
FY2022	\$325,000
FY2023	\$325,000
FY2024	\$325,000
Total Five-Year Cost	\$1,425,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA002)

Purchase of Six Wheel Dump Truck

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$175,000
Estimated Useful Life:	15 Years



Description and Justification:

This is a vital piece of equipment is necessary for the Water Division to continue its water main replacement program, for emergencies, and moving of equipment. The FY2019 Water Division Operating Budget included \$30,000 to replace the dump body along with necessary frame work. This will allow the purchase of a new vehicle to be postponed until FY2022.

This is the only truck in DPS that has the capacity to tow the excavator, which is a critical piece of equipment needed for both emergency and replacement operations.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$175,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$175,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA003)

Meter Replacement Project (Water/Sewer)

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$800,000
Estimated Useful Life:	10 Years



Description and Justification:

This project will replace all water meters throughout the City of Newburyport and the Town of Newbury. The average meter's useful life span is approximately twelve years and the last city-wide meter change out was 2008. As meters age, their ability to supply accurate readings decreases resulting in decreases in revenue and inaccurate consumption data. New technology will also provide better tracking of water use by both the City and customers.

In an effort to minimize the effect on the annual operating budget, the Water & Sewer Commission recommends an annual appropriation into this capital project account from Water and Sewer Enterprise Fund Retained Earnings.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$200,000
FY2022	\$200,000
FY2023	\$200,000
FY2024	\$200,000
Total Five-Year Cost	\$800,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA004)

Lower Artichoke Reservoir Dam Improvement

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$200,000
Estimated Useful Life:	75 Years



Description and Justification:

Repairs are necessary due to recent spalling of concrete at the top of the dam allowing water to pass through. In addition, the Mother's Day Storm of 2006 caused the Merrimack River to reach the top of the reservoir's dam and almost contaminated our public water supply with pollutants and saltwater. Improvements to the dam are needed to protect our water supply.

Estimated Costs by Fiscal Year	
FY2020	\$50,000
FY2021	\$150,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA006)

Water Supply - Quality Improvements

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$100,000
Estimated Useful Life:	Ongoing



Description and Justification:

The current reservoir systems are relatively shallow as confirmed by the recent bathymetric study. Shallow reservoir systems present operational challenges in producing the best finish water possible without taste and odor issues. This project would provide water quality improvements to all three of our reservoirs, as recommended in the Newburyport Reservoir Water Quality Study (February 2016). Baseline sampling and testing of the raw water sources would allow the water division to evaluate options for improving water quality while performing additional studies and water tests as recommended in the Study. The results of these studies will likely require future capital improvement project(s).

Estimated Costs by Fiscal Year	
FY2020	\$50,000
FY2021	\$50,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA007)

New Hypochlorite Day Tank System

Department:	DPS - Water
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$25,000
Estimated Useful Life:	10 Years



Description and Justification:

The Sodium Hypochlorite system is currently run with two chemical metering pumps and two bulk storage tanks. The lack of a chemical day tank and appurtenances within this system has caused recent issues with chlorine overfeeding, resulting in a temporary plant shutdown to resolve the issue. This improvement to the system has been recommended by DEP. The plan may also incorporate a water softening system for the carrier water necessary on this chemical system.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$25,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA008)

Public Water Supply Resiliency Plan

Department:	DPS - Water
Category:	Miscellaneous
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$100,000
Estimated Useful Life:	25 Years



Image courtesy of Flood Control International, Inc.

Description and Justification:

Bartlett Spring Pond, Lower Artichoke Reservoir Dam, and the Artichoke Pumping Station are vulnerable to flooding, storm surge, rising seas, and floodwaters from Merrimack River. Preparations must be made to protect these systems from flood damage especially in light of climate change impacts which bring more intense storms.

Phases I and II would be the Resiliency Plan and Feasibility Study and Design phases, respectively, both proposed for FY21. Phase III would be construction phases proposed for FY22 and onwards, cost estimated to be determined.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$100,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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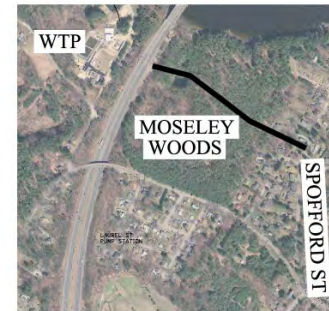
Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA009)

Replace Water Supply Line Through Moseley Woods

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$400,000
Estimated Useful Life:	100 Years



Description and Justification:

The City's main water supply line leaving the water treatment plant was originally constructed in the 1800's. The Whittier Bridge Project constructed a new section from the WTP to a point just east of Route 95. This project will connect to that new line and replace the 120+ year old line that runs through Moseley Woods, approximately 2,000 linear feet. The old water main in Spofford Street is anticipated to be replaced under a separate project.

Phase I in FY2021 would be survey and design. Phase II construction would be in FY2022.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$50,000
FY2022	\$350,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$400,000

Operating Budget Impact:	\$0
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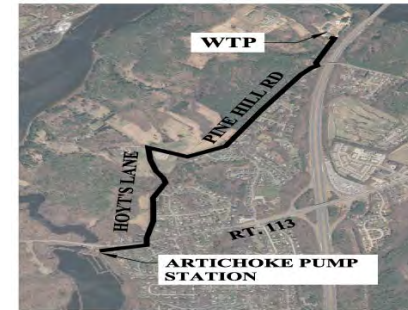
Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (WA010)

Replace Water Supply Line to Route 113

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$1,200,000
Estimated Useful Life:	100 Years



Description and Justification:

The water main supply line from the Water Treatment Plant to the neighborhoods of Hoyt’s Lane, Pine Hill Road, and Spring Lane is over 100 years old and needs replacement. It is approximately 9,500 linear feet.

Phase I in FY2021 would be survey and design. Phase II construction would begin in FY2022.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$100,000
FY2022	\$1,100,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$1,200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
X	Enterprise Fund (Debt)
X	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC001)

NHS-Science Wing Addition & Renovation

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$12,000,000
Estimated Useful Life:	25 Years



Description and Justification:

The current science labs were designed in the late 1990s and no longer align with modern STEM teaching methodologies. Additionally, space restrictions limit the class offerings that can be made available to students. In many ways the science/STEM classrooms at the lower grade levels are more advanced than what is available at the high school. This project would construct a two-story addition over the gymnasium, and renovate the existing science classrooms and lab spaces. A Statement of Interest will be submitted to the Massachusetts School Building Authority (MSBA) requesting participation in their Core Program which would result in an approximate 50% reimbursement from the state for this project.

Preliminary costs are calculated as follows: 16,000 sq. ft. of new space @ \$500/sq. ft. (\$8,000,000), 10,000 sq. ft. of renovated space @ \$300/ sq. ft. (\$3,000,000) = \$11,000,000. For the MSBA proposal, this would likely be combined with SC008 Roof Replacement (\$900,000) and SC016 Parking Lot Repairs (\$100,000) for a total cost of \$12,000,000.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$6,000,000
FY2023	\$6,000,000
FY2024	\$0
Total Five-Year Cost	\$12,000,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC002)

NHS-Exterior Woodwork Project



Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$367,500
Estimated Useful Life:	25 Years

Description and Justification:

Beginning in 2012, this ongoing project is rehabilitating the exterior woodwork on the 1937 portion of the high school. Phases 1 & 2 were completed in 2014 & 2015 on the north-facing front side of the school. Minor projects were completed from 2016 to 2018. Phase 3 looks to restore the cupola in the summer of 2019. A total of \$174,500 in CPA grant funds is currently available for Phase 3, leaving a need for \$109,000. An application for a 2019 CPA grant in the amount of \$84,000 has been submitted for Phase 4.

Estimated Costs by Fiscal Year	
FY2020	\$283,500
FY2021	\$84,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$367,500

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
X	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC003)

High School Roof Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	1 - Urgent/Very High
FY2020-FY2024 Project Cost:	\$900,000
Estimated Useful Life:	25 Years



Description and Justification:

This project aims to replace five section of flat roofing on the "Building-A" portion of Newburyport High School. These roofs cover the library, auditorium, east and west classroom areas, and the hip-roof section over the main portion of the building. The current roof is 20 years old and leaks in several areas causing damage to ceilings and other interior areas. Last replaced circa 1995, they were not replaced during the high school renovation and addition project in 1999 to 2002 because they were still new at that point, but several pieces of mechanical equipment were removed, and the roof received a lot of abuse from the ongoing construction work. A portion (45-50%) of this project may be reimbursable through the MSBA. A Statement of Interest was submitted in February 2017.

This project would be combined with SC001 if that were to move forward due to MSBA limit of one SOI per school.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$900,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$900,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC004)

Tractor

Department:	Schools
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$54,005
Estimated Useful Life:	20 Years



Description and Justification:

John Deere 4066R Compact Utility Tractor with cab, loader, and snow pushers for both asphalt and turf. this piece of equipment would have numerous applications for athletic field and general grounds maintenance including aerating, seeding and moving materials such as mulch, soil and other bulk materials. In the winter it would be used to assist in the snow removal efforts, further reducing our dependency on the DPS. It would also have the capability to clear snow off the turf field in the stadium to allow for earlier use of the field in the spring.

Estimated Costs by Fiscal Year	
FY2020	\$54,005
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$54,005

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC005)

NHS-Engineering Services

Department:	Schools
Category:	Miscellaneous
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$25,000
Estimated Useful Life:	30 Years



Description and Justification:

Hire an engineering firm to develop plans, schedules and cost estimates for a variety of issues at the high school including water infiltration, masonry issues, perimeter stone wall study and rooftop chiller replacement or upgrade (energy savings project).

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$25,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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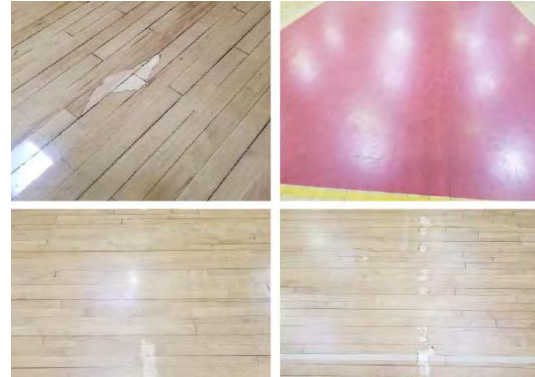
Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC006)

Nock Molin-Gym Floor Refinish

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$16,880
Estimated Useful Life:	15 Years



Description and Justification:

The gym floor is worn and dull. Finish is peeling up in many areas and the floor is now beyond needing just an annual screening and recoat. This project would sand the floor back to bare wood, repaint all lines and refinish with a 4-coat system of an oil based urethane.

Estimated Costs by Fiscal Year	
FY2020	\$16,880
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$16,880

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC007)

NHS-Lighting Upgrades

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$300,000
Estimated Useful Life:	20 years



Description and Justification:

This multi-phase project would upgrade all remaining lighting in the high school to more efficient LEDs. Each phase would be designed to convert approximately one-third of the remaining light fixtures which are mainly in the hallways, classrooms and offices. Available rebates will reduce the final costs by \$15-20K per phase and produce a payback in electricity savings of 4-5 years.

Grant funding is being sought for this project.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$100,000
FY2022	\$100,000
FY2023	\$100,000
FY2024	\$0
Total Five-Year Cost	\$300,000

Operating Budget Impact:	-\$50,000
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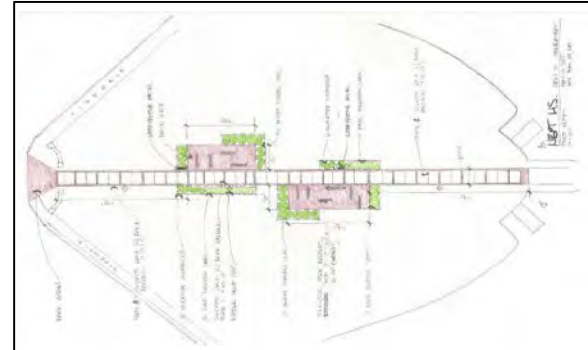
Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC008)

NHS-Front Sidewalk Repair & Outdoor Classrooms

Department:	Schools
Category:	Infrastructure
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$210,000
Estimated Useful Life:	30 Years



Description and Justification:

This is a project largely being funded through grants from the Morrill Foundation and replaces the existing crumbling concrete sidewalk with a new sidewalk with brick banding. Brick plazas off each side of the walkway contain monolithic granite benches to be used as outdoor classroom space, and will be surrounded by low landscaping features. Interpretive signs will explain the history of Newburyport High School and the contribution that Mayor Gayden Morrill made in having the high school built. The purpose of the project is to improve the appearance of the front of the high school, provide students and teachers with outdoor space to be used for various classroom purposes, provide historical information pertaining to the high school, and maintain the accessible route from the sidewalk along High Street to the front of the school. The current condition of the sidewalk may not meet accessibility codes due to gaps in the concrete.

Estimated Costs by Fiscal Year	
FY2020	\$125,000
FY2021	\$35,000
FY2022	\$50,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$210,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC009)

Nock-Molin-Loading Dock Renovation

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$15,000
Estimated Useful Life:	25 Years



Description and Justification:

The dock plate and bumpers are original to the construction of the school from 1972. The bumpers are worn and there are numerous holes in the surface of the dock plate creating a safety hazard to anyone loading or unloading trucks, or bringing trash or recycling to the dumpsters. This is a safety issue that affects truck drivers, custodial and maintenance staff, teachers and students who regularly bring recycling out to the recycling dumpster.

Estimated Costs by Fiscal Year	
FY2020	\$15,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC010)

Nock Molin-Walkway/Sidewalk Repairs and Repaving

Department:	Schools
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	15 Years



Description and Justification:

The walkways, including the fire road around the back of the school are in poor condition in some areas. The next phase of this project would finish the final section of fire road in the area of the skate park. Following that on the list would be the sidewalk coming from Johnson Street onto the school property.

Estimated Costs by Fiscal Year	
FY2020	\$15,000
FY2021	\$15,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC011)

Nock Molin-Tennis Court Renovation

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$52,950
Estimated Useful Life:	25 Years



Description and Justification:

The surface of the tennis courts is in poor condition and needs to be replaced.

Estimated cost based on 12,650 square feet of paving at \$3.00/square foot of paving plus a \$15,000 allowance for fencing and net/post repairs or replacement.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$52,950
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$52,950

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC012)

Nock Molin-Furniture Replacement

Department:	Schools
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$50,000
Estimated Useful Life:	20 Years



Description and Justification:

Much of the office and classroom furniture is old and or "hand me down" in need of replacement. This project would replace the furniture that was not replaced during the renovation project over a series of years.

Budget cost based on expenditures for furniture replacements during the renovation project. \$25,000 would outfit six classrooms.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$25,000
FY2022	\$25,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC013)

Nock Molin-Gym & Auditorium Roof Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$662,265
Estimated Useful Life:	25 Years



Description and Justification:

The gym and auditorium roofs are the only sections that have not been replaced during recent projects. They are currently in good condition, but are over 20 years old, which is nearing the end of their life expectancy. This project is included on in order to be forward thinking so that the city can be prepared for this expense when the time comes to replace these roofs. Cost estimate is based on \$16/sq. ft. It also provides allowances for General Conditions, Overhead & Profit, Bonding Fees, Design Fees, Escalation and a Contingency. It also provides an allowance to remove and reinstall the solar panels on the roof. This project would likely qualify for reimbursement under the MSBA's accelerated repair program.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$662,265
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$662,265

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
X	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC014)

NHS-Furniture Replacement

Department:	Schools
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$60,000
Estimated Useful Life:	20 Years



Description and Justification:

Most of the furniture in the high school was purchased during the renovation/addition project in 2002. By FY2020 this furniture will be over 17 years old and is past its warranty period. Some furniture is now showing signs of wearing out and other has been damaged or broken beyond repair. Classroom desks and chairs constantly break, several cafeteria tables have been taken out of service, and changes to how rooms are now being used require different types of furniture from what was originally purchased for that room.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$20,000
FY2022	\$20,000
FY2023	\$20,000
FY2024	\$0
Total Five-Year Cost	\$60,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC015)

NHS-Carpet Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$50,000
Estimated Useful Life:	20 Years



Description and Justification:

Carpets throughout the high school are all from the addition/renovation in 2002. Many areas are now showing signs of wear and tear. Targeting FY2021 to begin an annual replacement program is a prudent measure to take.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$25,000
FY2022	\$25,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC016)

NHS-Ground Floor Vestibules

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$30,000
Estimated Useful Life:	



Description and Justification:

The corridor on the ground floor of the high school has exterior entrances at both the east and west ends that are two of the main entrances used to get in and out of the building by staff, students and visitors coming to events in the gym. During the winter a enormous amount of cold air is let into the building at these two entrances. Creating vestibules at both of these entrances will cut back on that situation, saving energy and keeping the interior of the building in that area more comfortable in both winter and summer.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$30,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	Reduced Heating Costs
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC017)

NHS-Pettingell Park Infield Renovation

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$15,000
Estimated Useful Life:	10 Years



Description and Justification:

This project would add infield mix materials to raise the infield level with the grass to improve safety, playability and drainage.

Estimated Costs by Fiscal Year	
FY2020	\$15,000
FY2021	\$0
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC018)

Nock Molin-Eaton Park Infield Renovation

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Priority:	3 - Medium
FY2020-FY2024 Project Cost:	\$15,000
Estimated Useful Life:	10 Years



Description and Justification:

This project would add infield mix materials to raise the infield level with the grass to improve safety, playability and drainage.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$15,000
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC019)

NHS School Auditorium Plaster Repairs

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Priority:	4 - Low
FY2020-FY2024 Project Cost:	\$100,000
Estimated Useful Life:	30 Years



Description and Justification:

Plaster throughout the auditorium has sustained damage from a number of sources including roof and window leaks. The window leaks have been repaired, but this project should be staged after the roof issues have been addressed. Damage to the plaster has occurred on the ceiling and walls in both the main section of the auditorium and the lobby area.

This project will be moved up the priority list after the roof over this section of the building is replaced.

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$0
FY2022	\$100,000
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
X	Trust Fund/Local Grant
	Other*

*Specify other funding source(s) in project description.

PROJECT DETAIL SHEET (SC020)

Technology Upgrades

Department:	Schools
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Priority:	2 - High
FY2020-FY2024 Project Cost:	\$79,540
Estimated Useful Life:	7 Years



Description and Justification:

Technology funds were established for the Bresnahan and Nock/Molin Schools to help fund future technology replacements as equipment ages out or fails. This request would put in place funding for:

<u>Bresnahan School</u>	<u>Nock/Molin School</u>
110 Laptops (\$38,500)	80 Laptops (\$28,000)
2 Projectors (\$4,180)	2 Projectors (\$4,180)
6 Pens (\$240)	4 Carts (\$3,800)
	6 Amplifiers (\$480)
	4 Pens (\$160)

Estimated Costs by Fiscal Year	
FY2020	\$0
FY2021	\$79,540
FY2022	\$0
FY2023	\$0
FY2024	\$0
Total Five-Year Cost	\$79,540

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	General Fund (Debt)
	General Fund (Pay As You Go)
	Enterprise Fund (Debt)
	Enterprise Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
X	Other*

*Specify other funding source(s) in project description.