

# **FISCAL YEARS 2021-2025**

## **CAPITAL IMPROVEMENT PROGRAM**



**Donna D. Holaday, Mayor**  
**City of Newburyport**

*Adopted May 26, 2020*

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## I. Executive Summary

Dear President & Members of the City Council:

I am pleased to submit herewith the proposed Fiscal Years 2021-2025 Capital Improvement Program (CIP). All projects listed under FY2021 will be accompanied by a funding request prior to or during the next fiscal year. All projects listed under FY2022 through FY2025 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.

**Note: During the submission of this document, the City was in the midst of the COVID-19 virus and pandemic state of emergency; of which the financial impacts were unclear and could substantially alter this plan as presented.**

### 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 FY2021 through FY2025. 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.

## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

### FY2021 Capital Projects (As Amended by City Council on May 26, 2020)

| CIP #                             | Page | Department             | Project Description  | FY2021             | Funding Source                       |
|-----------------------------------|------|------------------------|--|--------------------|--------------------------------------|
| IT001                             | 16   | Information Technology | IT Hardware  | \$26,000           | Free Cash                            |
| FD003                             | 19   | Fire                   | Replacement of Fire Station # 2                            | \$500,000          | General Fund Debt                    |
| FD005                             | 21   | Fire                   | SCBA Replacement   | \$400,000          | Grant, Free Cash                     |
| PD009                             | 32   | Police                 | Cruiser/Vehicle Replacements                               | \$50,000           | Gen. Fund Budget                     |
| PL001                             | 34   | Planning & Development | Riverfront Critical Gap Trail Project/WWTF Resiliency      | \$50,000           | CPA, Grants, Sewer Enterprise Fund   |
| PL002                             | 35   | Planning & Development | Clipper City Rail Trail Phase III                          | \$425,000          | CPA, Grants                          |
| PL004                             | 37   | Planning & Development | Central Waterfront Park Expansion and Rail Trail Extension | \$500,000          | CPA, Grants, NRA Revenue             |
| PL006                             | 39   | Planning & Development | Newburyport Youth Services                                 | \$100,000          | General Fund Debt                    |
| PL006A                            | 40   | Planning & Development | Brown School Facilities Renovation/ Repair                 | \$400,000          |                                      |
| PK003                             | 43   | Parks                  | Joppa Park Improvement Project                             | \$300,083          | Grant                                |
| PK012                             | 49   | Parks                  | Master Plan for Lower Atkinson Common                      | \$25,000           | CPA                                  |
| PK013                             | 50   | Parks                  | Bartlet Mall Hist. Restoration – NW Corner Improvements    | \$192,915          | CPA                                  |
| LI001                             | 52   | Library                | HVAC System Repair/Replacement - Archival Center           | \$126,000          | CPA                                  |
| HW003                             | 57   | DPS - Highway          | Drainage Improvement Projects Phase 1                      | \$172,769          | General Fund Debt                    |
| HW005                             | 59   | DPS - Highway          | Roadway Paving Improvement                                 | \$2,561,000        | Ch. 90, Grants                       |
| HW006                             | 60   | DPS - Highway          | Sidewalk Replacement/New Construction Program              | \$1,000,000        | Meals Tax                            |
| HW007                             | 61   | DPS - Highway          | Downtown Utility Upgrades (Design)                         | \$500,000          | Gen. Fund/Water/Sewer Debt           |
| HW008                             | 62   | DPS - Highway          | Phillips Drive Roadwork and Drainage                       | \$1,000,000        | General Fund Debt                    |
| HW010                             | 64   | DPS - Highway          | Purchase of Two 6 Wheel Dump Truck with Plow               | \$125,825          | Free Cash                            |
| HW015                             | 67   | DPS - Highway          | Tire Machine   | \$20,000           | RRFA Fuel, Water/Sewer Ret. Earnings |
| HW016                             | 68   | DPS - Highway          | Fuel Delivery System                                       | \$20,000           | RRFA Fuel, Water/Sewer Ret. Earnings |
| WA001                             | 70   | DPS - Water            | Water Main Replacement                                     | \$150,000          | Available CIP Funds                  |
| WA003                             | 72   | DPS - Water            | Meter Replacement Project (Water/Sewer)                    | \$150,000          | Available CIP Funds                  |
| WA014                             | 82   | DPS - Water            | Water Storage Tanks/Cleaning Mixers                        | \$50,000           | Water Enterprise Funds               |
| SW001                             | 83   | DPS - Sewer            | Purchase of Ten Wheel Dump Truck                           | \$48,056           | Sewer Budget                         |
| SW002                             | 84   | DPS - Sewer            | WWTF and Sewer System Resiliency Plan                      | \$300,000          | Sewer Retained Earnings              |
| SC003                             | 91   | Schools                | NHS-Exterior Woodwork Project                              | \$127,000          | CPA, Available CIP Funds             |
| SC008                             | 96   | Schools                | NHS-Energy Reduction Projects                              | \$237,433          | Grants                               |
| <b>Total FY2021 Project Costs</b> |      |                        |  | <b>\$9,557,083</b> |                                      |

### **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 FY2021-2025 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.

### COVID-19 Pandemic and Economic Uncertainty

This CIP was developed in the midst of the COVID-19 global pandemic that has caused significant economic uncertainty. Most likely it will be many months before we fully understand the effects the pandemic will have on the City's finances. Based on the sustained state of emergency declarations at every level of government during the preparation of this CIP, we anticipate there could be significant decreases in revenue for the final quarter of FY2020 and into FY2021 and beyond. **Our main priority at this time is funding mandatory items, such as lease payments that are contractually owed, until we can begin to fully understand the impacts of the COVID-19 virus and pandemic on the City's financial position and our ability to address capital needs going forward.**

### Overview of the CIP

The CIP includes projects with a five-year total estimated cost of \$87,576,618. The projects are divided into five main categories: 1) infrastructure, 2) facilities repair/renovation, 3) parks, grounds and open space, 4) vehicles/equipment, and 5) miscellaneous.

Infrastructure improvements are the largest category of spending at 43.0% of total costs. 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. The CIP includes additional funding in fiscal years 2022 through 2025 for roadway and sidewalk construction through the issuance of bonds, as authorized by vote of the City Council in October 2019. In addition, my administration continues to tackle some of the major drainage issues throughout the City with a

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## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

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\$835,000 loan order that was approved by the City Council in FY2017 and is planning to get authorization for an additional loan order for drainage improvements for the Phillips Drive neighborhood.

Investments in facility renovations and repairs represent 42.7% 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 \$10.0 million, as well as, a High School Science Wing Addition & Renovation Project, with an estimated cost of \$14.0 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 the renovation of Fire Headquarters, renovation of Police Dispatch, and HVAC improvements in various buildings, among others.

Another consistent category of capital spending is for vehicles and equipment, representing 3.5% of total spending in the CIP. This past year, the City bonded \$1.53 million to purchase a new pumper truck and a new aerial ladder truck. In addition, the City procured a tree truck at a cost of \$200,000 a new Council on Aging transportation van at a cost of \$70,000 and, in FY2021, will make the final payment on a lease-to-purchase for three Mack Dump Trucks. 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. Below is a breakdown of estimated project costs by department over the next five fiscal years.

## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

### Project Costs by Department (As Amended by City Council on May 26, 2020)

| Estimated Costs by Fiscal Year    |                    |                     |                     |                    |                     |                     |
|-----------------------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|
| Department                        | FY2021             | FY2022              | FY2023              | FY2024             | FY2025              | Five-Year Total     |
| Information Technology            | \$26,000           | \$25,500            | \$28,000            | \$28,000           | \$28,000            | \$135,500           |
| Fire                              | \$900,000          | \$9,710,000         | \$315,000           | \$2,085,000        | \$2,000,000         | \$15,010,000        |
| Police                            | \$50,000           | \$220,000           | \$740,000           | \$183,000          | \$75,000            | \$1,268,000         |
| Sustainability                    | \$0                | \$0                 | \$0                 | \$650,000          | \$0                 | \$650,000           |
| DPS - Highway                     | \$5,399,595        | \$7,247,769         | \$4,803,003         | \$2,395,234        | \$2,195,234         | \$22,040,835        |
| Planning & Development            | \$1,475,000        | \$5,200,000         | \$6,000,000         | \$50,000           | \$700,000           | \$13,425,000        |
| Parks                             | \$517,999          | \$1,888,360         | \$404,500           | \$0                | \$340,000           | \$3,150,859         |
| Library                           | \$126,000          | \$100,000           | \$0                 | \$0                | \$80,000            | \$306,000           |
| Youth Services                    | \$0                | \$0                 | \$30,000            | \$0                | \$0                 | \$30,000            |
| Schools                           | \$364,433          | \$7,166,470         | \$7,763,265         | \$434,800          | \$36,000            | \$15,764,968        |
| <b>Total General Fund</b>         | <b>\$8,859,026</b> | <b>\$31,558,099</b> | <b>\$20,083,768</b> | <b>\$5,826,034</b> | <b>\$5,454,234</b>  | <b>\$71,781,162</b> |
| DPS - Sewer                       | \$348,056          | \$1,060,000         | \$2,300,000         | \$0                | \$0                 | \$3,708,056         |
| DPS - Water                       | \$350,000          | \$1,405,800         | \$2,755,800         | \$1,098,300        | \$8,340,000         | \$13,949,900        |
| <b>Total Enterprise Funds</b>     | <b>\$698,056</b>   | <b>\$2,465,800</b>  | <b>\$5,055,800</b>  | <b>\$1,098,300</b> | <b>\$8,340,000</b>  | <b>\$17,657,956</b> |
| <b>Total Capital Improvements</b> | <b>\$9,557,083</b> | <b>\$34,023,899</b> | <b>\$25,139,568</b> | <b>\$6,924,334</b> | <b>\$13,794,234</b> | <b>\$89,439,118</b> |

On the following page is a chart that breaks down the CIP into the five main categories.

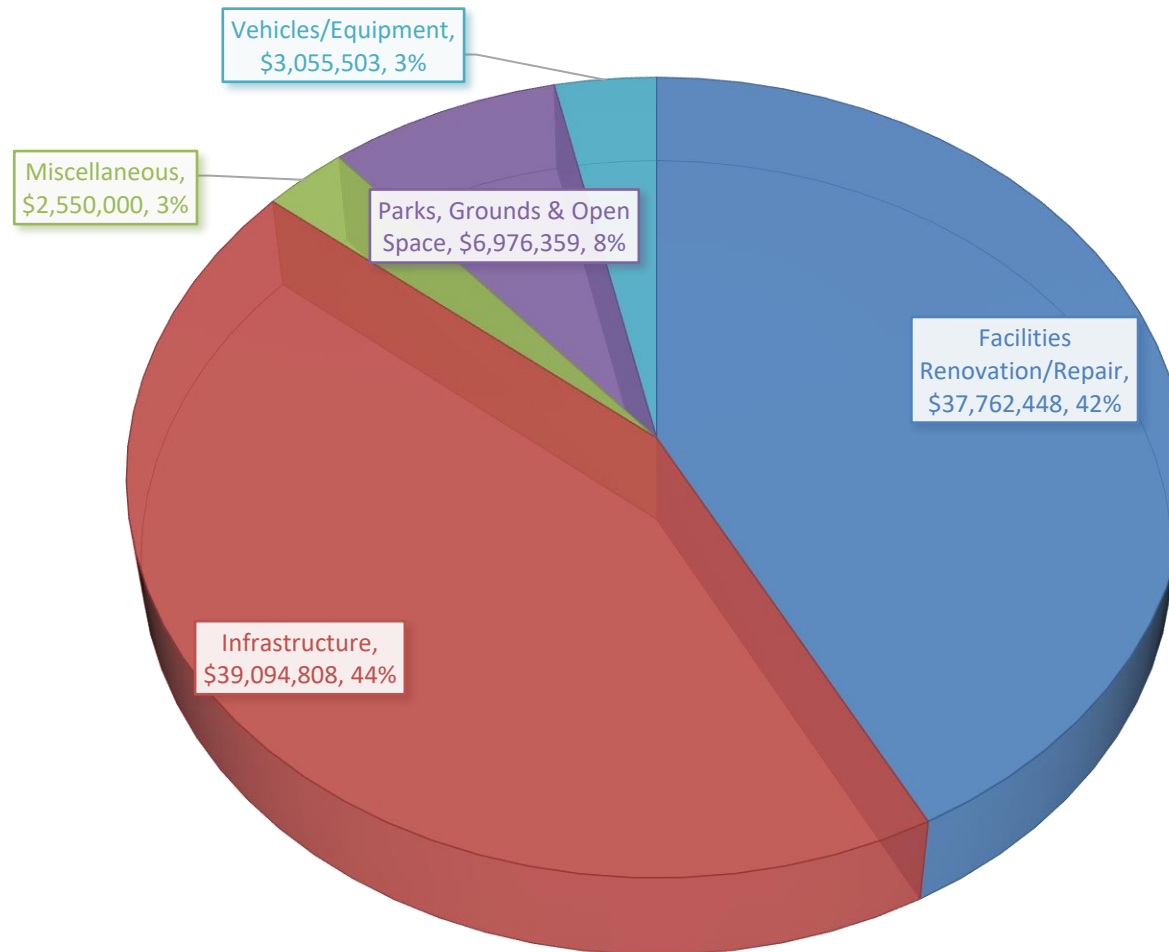


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## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

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### Project Costs by Spending Category (As Amended by City Council on May 26, 2020)



### 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 enterprise fund 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 City continues ensure sustainable funding for our Capital Improvement Program by way of maintaining a funding target of 8.0% of annual revenue. Over the past five years, the City has funded capital at 8.4% of annual revenue. This target 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.

In this year's capital improvement program, the City worked to expand upon the anticipated financing plan for each project by identifying the funding source(s) and the associated annual expense. Broadly, the financing plan consists of pay-as-you-go ("PAYGO") funding for smaller projects under \$500,000 and long-term borrowing for larger capital projects. PAYGO funding consists of annual appropriations from free cash (or enterprise fund retained earnings) or funding in the annual operating budget, whereas borrowing is used to spread out the capital expense over a longer period of time, not to exceed the anticipated useful life of the capital asset.

The table on the following page shows the projected financing costs for the capital plan over the next five years with the anticipated funding source. Note that many projects can be funded by multiple funding sources, such as those with grant funding or public works projects that are often funded by a combination of the general fund and water/sewer enterprise funds. For FY2021, the plan shows capital spending at 6.4% of annual revenue, with an average of 7.8% over the next five years; 0.2% below the 8.0% policy target. A full project listing broken down by funding source can be found in the Appendix.

## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

### Projected Financing Plan (As Amended by City Council on May 26, 2020)

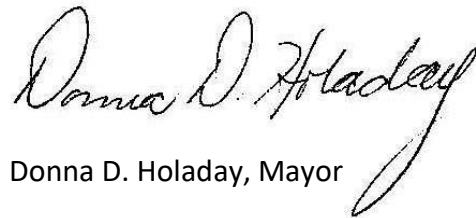
| Funding Source                               | FY2021             | FY2022              | FY2023              | FY2024             | FY2025             |
|--|--------------------|---------------------|---------------------|--------------------|--------------------|
| <u>General Fund (Pay-As-You-Go)</u>          |                    |                     |                     |                    |                    |
| Free Cash                                    | \$211,825          | \$485,500           | \$212,500           | \$351,000          | \$283,000          |
| Operating Budget                             | \$350,000          | \$375,000           | \$462,060           | \$462,060          | \$462,060          |
| <u>General Fund (Debt)</u>                   | \$95,109           | \$1,003,632         | \$1,539,586         | \$1,664,314        | \$1,766,767        |
| <u>CPA (Pay-As-You-Go)</u>                   | \$251,000          | \$640,000           | \$425,000           | \$0                | \$85,000           |
| <u>CPA (Debt)</u>                            | \$0                | \$58,203            | \$58,203            | \$70,168           | \$240,168          |
| <u>Grant/Other</u>                           | \$4,438,999        | \$6,379,604         | \$4,252,562         | \$786,667          | \$4,860,000        |
| <u>Water Enterprise Fund (Pay-As-You-Go)</u> |                    |                     |                     |                    |                    |
| Retained Earnings                            | \$60,000           | \$266,250           | \$929,344           | \$525,000          | \$400,000          |
| Operating Budget                             | \$100,000          | \$158,300           | \$198,300           | \$198,300          | \$140,000          |
| <u>Sewer Enterprise Fund (Pay-As-You-Go)</u> |                    |                     |                     |                    |                    |
| Retained Earnings                            | \$10,000           | \$0                 | \$8,094             | \$350,000          | \$0                |
| Operating Budget                             | \$0                | \$0                 | \$0                 | \$0                | \$0                |
| <u>Water Enterprise Fund (Debt)</u>          | \$8,921            | \$8,921             | \$36,534            | \$36,534           | \$258,661          |
| <u>Sewer Enterprise Fund (Debt)</u>          | \$8,921            | \$8,921             | \$8,921             | \$8,921            | \$8,921            |
| <b>Total Funding</b>                         | <b>\$6,098,532</b> | <b>\$11,012,812</b> | <b>\$10,353,573</b> | <b>\$2,781,073</b> | <b>\$6,569,581</b> |
| <b>General Fund CIP Funding:</b>             |                    |                     |                     |                    |                    |
| Pay-As-You-Go                                | \$561,825          | \$860,500           | \$674,560           | \$813,060          | \$745,060          |
| New Debt                                     | \$95,109           | \$1,003,632         | \$1,539,586         | \$1,664,314        | \$1,766,767        |
| Existing Debt                                | \$3,608,695        | \$3,608,360         | \$3,608,856         | \$3,623,173        | \$3,635,176        |
| <b>Total</b>                                 | <b>\$4,265,629</b> | <b>\$5,472,493</b>  | <b>\$5,823,002</b>  | <b>\$6,100,547</b> | <b>\$6,147,004</b> |
| Projected Revenue                            | \$71,528,553       | \$73,730,809        | \$75,983,201        | \$78,310,247       | \$80,698,165       |
| CIP as % of Revenue                          | <u>6.0%</u>        | <u>7.4%</u>         | <u>7.7%</u>         | <u>7.8%</u>        | <u>7.6%</u>        |
| Target %                                     | 8.0%               | 8.0%                | 8.0%                | 8.0%               | 8.0%               |
| Variance                                     | -2.0%              | -0.6%               | -0.3%               | -0.2%              | -0.4%              |

**Conclusion**

I want to thank everyone who has helped to make this CIP a key planning tool for the City of Newburyport. The City continues to make great strides towards improving its capital planning process. The capital projects appearing on the following pages highlight 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. The funding mechanisms for many projects, especially going out beyond one year, are presented for illustrative purposes and change from year to year based on constantly evolving needs in an unpredictable economy.

As a result of the COVID-19 pandemic, we will likely need to defer many capital needs in the near term, but it is my hope that these items remain in the plan for completion in subsequent years. The CIP is a living document in the truest sense and continues to be reevaluated and updated over the course of each fiscal year. To emphasize the importance of capital planning, the CIP is included as a section in the annual operating budget and it is my intention to aggressively pursue funding for each year of the program.

Respectfully submitted,

A handwritten signature in black ink, reading "Donna D. Holaday". The signature is fluid and cursive, with the first name "Donna" and last name "Holaday" clearly legible.

Donna D. Holaday, Mayor

## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

### II. FY 2021-2025 CIP Summary (As Amended by City Council on May 26, 2020)

| CIP #  | Page | Department                              | Project Description  | FY2021             | FY2022             | FY2023             | FY2024             | FY2025             | Five-Year Total     |
|--------|------|---|--|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| IT001  | 16   | Information Technology                  | IT Hardware  | \$26,000           | \$25,500           | \$28,000           | \$28,000           | \$28,000           | \$135,500           |
|        |      | <b>Information Technology Total</b>     |  | <b>\$26,000</b>    | <b>\$25,500</b>    | <b>\$28,000</b>    | <b>\$28,000</b>    | <b>\$28,000</b>    | <b>\$135,500</b>    |
| FD001  | 17   | Fire                                    | Command Vehicle  | \$0                | \$0                | \$60,000           | \$0                | \$0                | \$60,000            |
| FD002  | 18   | Fire                                    | Replace/Update Radio Equipment                             | \$0                | \$55,000           | \$55,000           | \$55,000           | \$0                | \$165,000           |
| FD003  | 19   | Fire                                    | Replacement of Fire Station # 2                            | \$500,000          | \$9,500,000        | \$0                | \$0                | \$0                | \$10,000,000        |
| FD004  | 20   | Fire                                    | Renovation of NFD Headquarters Station                     | \$0                | \$0                | \$200,000          | \$2,000,000        | \$2,000,000        | \$4,200,000         |
| FD005  | 21   | Fire                                    | SCBA Replacement   | \$400,000          | \$0                | \$0                | \$0                | \$0                | \$400,000           |
| FD006  | 22   | Fire                                    | Hose Replacements  | \$0                | \$30,000           | \$0                | \$30,000           | \$0                | \$60,000            |
| FD007  | 23   | Fire                                    | Fire Data Control Systems                                  | \$0                | \$125,000          | \$0                | \$0                | \$0                | \$125,000           |
|        |      | <b>Fire Total</b>                       |  | <b>\$900,000</b>   | <b>\$9,710,000</b> | <b>\$315,000</b>   | <b>\$2,085,000</b> | <b>\$2,000,000</b> | <b>\$15,010,000</b> |
| PD001  | 24   | Police                                  | Surveillance Camera Integration                            | \$0                | \$10,000           | \$175,000          | \$0                | \$0                | \$185,000           |
| PD002  | 25   | Police                                  | Dispatch Center Renovation                                 | \$0                | \$25,000           | \$450,000          | \$0                | \$0                | \$475,000           |
| PD003  | 26   | Police                                  | Carpet Replacement   | \$0                | \$0                | \$40,000           | \$0                | \$0                | \$40,000            |
| PD004  | 27   | Police                                  | Facility Weatherproofing                                   | \$0                | \$30,000           | \$0                | \$0                | \$0                | \$30,000            |
| PD005  | 28   | Police                                  | Radar Units  | \$0                | \$25,000           | \$0                | \$0                | \$0                | \$25,000            |
| PD006  | 29   | Police                                  | Dive Team Equipment  | \$0                | \$35,000           | \$0                | \$0                | \$0                | \$35,000            |
| PD007  | 30   | Police                                  | Taser Replacement  | \$0                | \$0                | \$0                | \$108,000          | \$0                | \$108,000           |
| PD008  | 31   | Police                                  | Records Room   | \$0                | \$20,000           | \$0                | \$0                | \$0                | \$20,000            |
| PD009  | 32   | Police                                  | Cruiser/Vehicle Replacements                               | \$50,000           | \$75,000           | \$75,000           | \$75,000           | \$75,000           | \$350,000           |
|        |      | <b>Police Total</b>                     |  | <b>\$50,000</b>    | <b>\$220,000</b>   | <b>\$740,000</b>   | <b>\$183,000</b>   | <b>\$75,000</b>    | <b>\$1,268,000</b>  |
| SU001  | 33   | Sustainability                          | HVAC Improvements - City Hall                              | \$0                | \$0                | \$0                | \$650,000          | \$0                | \$650,000           |
|        |      | <b>Sustainability Total</b>             |  | <b>\$0</b>         | <b>\$0</b>         | <b>\$0</b>         | <b>\$650,000</b>   | <b>\$0</b>         | <b>\$650,000</b>    |
| PL001  | 34   | Planning & Development                  | Riverfront Critical Gap Trail Project/WWTF Resiliency      | \$50,000           | \$1,700,000        | \$0                | \$0                | \$0                | \$1,750,000         |
| PL002  | 35   | Planning & Development                  | Clipper City Rail Trail Phase III                          | \$425,000          | \$0                | \$0                | \$0                | \$0                | \$425,000           |
| PL003  | 36   | Planning & Development                  | Central Waterfront Bulkhead Phase II                       | \$0                | \$100,000          | \$3,000,000        | \$0                | \$0                | \$3,100,000         |
| PL004  | 37   | Planning & Development                  | Central Waterfront Park Expansion and Rail Trail Extension | \$500,000          | \$1,000,000        | \$1,000,000        | \$0                | \$0                | \$2,500,000         |
| PL005  | 38   | Planning & Development                  | Fish Pier Embayment Dredging                               | \$0                | \$0                | \$0                | \$50,000           | \$700,000          | \$750,000           |
| PL006  | 39   | Planning & Development                  | Newburyport Youth Services                                 | \$100,000          | \$2,400,000        | \$2,000,000        | \$0                | \$0                | \$4,500,000         |
| PL006A | 40   | Planning & Development                  | Brown School Facilities Renovation/ Repair                 | \$400,000          | \$0                | \$0                | \$0                | \$0                | \$400,000           |
|        |      | <b>Planning &amp; Development Total</b> |  | <b>\$1,475,000</b> | <b>\$5,200,000</b> | <b>\$6,000,000</b> | <b>\$50,000</b>    | <b>\$700,000</b>   | <b>\$13,425,000</b> |
| PK001  | 41   | Parks                                   | Infield Groomer  | \$0                | \$15,000           | \$0                | \$0                | \$0                | \$15,000            |
| PK002  | 42   | Parks                                   | Cushing Park Lot Resurfacing                               | \$0                | \$0                | \$0                | \$0                | \$340,000          | \$340,000           |

## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

| CIP # | Page | Department                  | Project Description                                      | FY2021             | FY2022             | FY2023             | FY2024             | FY2025             | Five-Year Total     |
|-------|------|-----------------------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| PK003 | 43   | Parks                       | Joppa Park Improvement Project                           | \$300,083          | \$0                | \$0                | \$0                | \$0                | \$300,083           |
| PK005 | 44   | Parks                       | Field Improvement - Fuller Complex                       | \$0                | \$1,110,006        | \$0                | \$0                | \$0                | \$1,110,006         |
| PK007 | 45   | Parks                       | Mower Attachment Purchase                                | \$0                | \$0                | \$24,500           | \$0                | \$0                | \$24,500            |
| PK008 | 46   | Parks                       | Fuller North Field Irrigation System                     | \$0                | \$0                | \$30,000           | \$0                | \$0                | \$30,000            |
| PK010 | 47   | Parks                       | Atkinson Common Tennis Court Resurfacing                 | \$0                | \$0                | \$200,000          | \$0                | \$0                | \$200,000           |
| PK011 | 48   | Parks                       | Cashman Park Basketball Court Resurfacing                | \$0                | \$0                | \$150,000          | \$0                | \$0                | \$150,000           |
| PK012 | 49   | Parks                       | Master Plan for Lower Atkinson Common                    | \$25,000           | \$0                | \$0                | \$0                | \$0                | \$25,000            |
| PK013 | 50   | Parks                       | Bartlet Mall Hist. Restoration – NW Corner Improvements  | \$192,915          | \$413,354          | \$0                | \$0                | \$0                | \$606,269           |
| PK014 | 51   | Parks                       | Parks Field Office                                       | \$0                | \$350,000          | \$0                | \$0                | \$0                | \$350,000           |
|       |      | <b>Parks Total</b>          |  | <b>\$517,999</b>   | <b>\$1,888,360</b> | <b>\$404,500</b>   | <b>\$0</b>         | <b>\$340,000</b>   | <b>\$3,150,859</b>  |
| LI001 | 52   | Library                     | HVAC System Repair/Replacement - Archival Center         | \$126,000          | \$0                | \$0                | \$0                | \$0                | \$126,000           |
| LI002 | 53   | Library                     | Front Steps/Retaining Wall Repair                        | \$0                | \$100,000          | \$0                | \$0                | \$0                | \$100,000           |
| LI003 | 54   | Library                     | Boiler Replacement                                       | \$0                | \$0                | \$0                | \$0                | \$80,000           | \$80,000            |
|       |      | <b>Library Total</b>        |  | <b>\$126,000</b>   | <b>\$100,000</b>   | <b>\$0</b>         | <b>\$0</b>         | <b>\$80,000</b>    | <b>\$306,000</b>    |
| YS001 | 55   | Youth Services              | Kelleher Basketball Court                                | \$0                | \$0                | \$30,000           | \$0                | \$0                | \$30,000            |
|       |      | <b>Youth Services Total</b> |  | <b>\$0</b>         | <b>\$0</b>         | <b>\$30,000</b>    | <b>\$0</b>         | <b>\$0</b>         | <b>\$30,000</b>     |
| HW001 | 56   | DPS - Highway               | Parker Street/Scotland Road Culvert Replacement (Design) | \$0                | \$0                | \$0                | \$200,000          | \$0                | \$200,000           |
| HW003 | 57   | DPS - Highway               | Drainage Improvement Projects Phase 1                    | \$172,769          | \$172,769          | \$172,769          | \$0                | \$0                | \$518,308           |
| HW004 | 58   | DPS - Highway               | Downtown Equipment                                       | \$0                | \$200,000          | \$0                | \$0                | \$0                | \$200,000           |
| HW005 | 59   | DPS - Highway               | Roadway Paving Improvement                               | \$2,561,000        | \$1,500,000        | \$1,500,000        | \$1,500,000        | \$1,500,000        | \$8,561,000         |
| HW006 | 60   | DPS - Highway               | Sidewalk Replacement/New Construction Program            | \$1,000,000        | \$500,000          | \$500,000          | \$500,000          | \$500,000          | \$3,000,000         |
| HW007 | 61   | DPS - Highway               | Downtown Utility Upgrades (Design)                       | \$500,000          | \$0                | \$0                | \$0                | \$0                | \$500,000           |
| HW008 | 62   | DPS - Highway               | Phillips Drive Roadwork and Drainage                     | \$1,000,000        | \$2,500,000        | \$2,500,000        | \$0                | \$0                | \$6,000,000         |
| HW009 | 63   | DPS - Highway               | Plummer Spring Bridge Replacement                        | \$0                | \$2,250,000        | \$0                | \$0                | \$0                | \$2,250,000         |
| HW010 | 64   | DPS - Highway               | Purchase of Two 6 Wheel Dump Truck with Plow             | \$125,825          | \$0                | \$65,000           | \$130,000          | \$130,000          | \$450,825           |
| HW013 | 65   | DPS - Highway               | Highway Dept. Loader                                     | \$0                | \$0                | \$65,234           | \$65,234           | \$65,234           | \$195,702           |
| HW014 | 66   | DPS - Highway               | Hale Street Sidewalk and Pedestrian Access (Design)      | \$0                | \$125,000          | \$0                | \$0                | \$0                | \$125,000           |
| HW015 | 67   | DPS - Highway               | Tire Machine   | \$20,000           | \$0                | \$0                | \$0                | \$0                | \$20,000            |
| HW016 | 68   | DPS - Highway               | Fuel Delivery System                                     | \$20,000           | \$0                | \$0                | \$0                | \$0                | \$20,000            |
|       |      | <b>DPS - Highway Total</b>  |  | <b>\$5,399,595</b> | <b>\$7,247,769</b> | <b>\$4,803,003</b> | <b>\$2,395,234</b> | <b>\$2,195,234</b> | <b>\$22,040,835</b> |
| SW007 | 69   | DPS - Water                 | Storey Ave Pump Station Rehabilitation                   | \$0                | \$100,000          | \$1,000,000        | \$0                | \$0                | \$1,100,000         |
| WA001 | 70   | DPS - Water                 | Water Main Replacement                                   | \$150,000          | \$150,000          | \$250,000          | \$250,000          | \$500,000          | \$1,300,000         |

## CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025

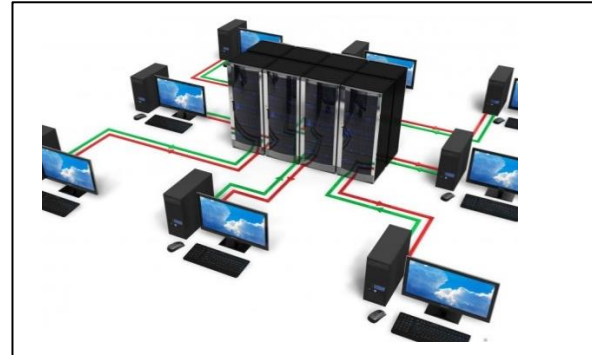
| CIP #                    | Page | Department  | Project Description                              | FY2021             | FY2022              | FY2023              | FY2024             | FY2025              | Five-Year Total     |
|--------------------------|------|-------------|--|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|
| WA002                    | 71   | DPS - Water | Purchase of Six Wheel Dump Truck                 | \$0                | \$58,300            | \$58,300            | \$58,300           | \$0                 | \$174,900           |
| WA003                    | 72   | DPS - Water | Meter Replacement Project (Water/Sewer)          | \$150,000          | \$150,000           | \$150,000           | \$750,000          | \$0                 | \$1,200,000         |
| WA004                    | 73   | DPS - Water | Lower Artichoke Reservoir Dam Improvement        | \$0                | \$300,000           | \$0                 | \$0                | \$0                 | \$300,000           |
| WA005                    | 74   | DPS - Water | Watershed/Public Water Supply Protection         | \$0                | \$475,000           | \$1,000,000         | \$0                | \$0                 | \$1,475,000         |
| WA007                    | 75   | DPS - Water | New Hypochlorite Day Tank System                 | \$0                | \$0                 | \$25,000            | \$0                | \$0                 | \$25,000            |
| WA008                    | 76   | DPS - Water | Replace Water Supply Line to Route 113           | \$0                | \$0                 | \$0                 | \$0                | \$7,800,000         | \$7,800,000         |
| WA009                    | 77   | DPS - Water | Water Dept Backhoe                               | \$0                | \$0                 | \$40,000            | \$40,000           | \$40,000            | \$120,000           |
| WA010                    | 78   | DPS - Water | Water Dept. Utility Body                         | \$0                | \$60,000            | \$0                 | \$0                | \$0                 | \$60,000            |
| WA011                    | 79   | DPS - Water | Plum Island Chlorine Booster Station             | \$0                | \$0                 | \$80,000            | \$0                | \$0                 | \$80,000            |
| WA012                    | 80   | DPS - Water | Artichoke Raw Water Station                      | \$0                | \$112,500           | \$112,500           | \$0                | \$0                 | \$225,000           |
| WA013                    | 81   | DPS - Water | Bartlett Pond Pump Station                       | \$0                | \$0                 | \$40,000            | \$0                | \$0                 | \$40,000            |
| WA014                    | 82   | DPS - Water | Water Storage Tanks/Cleaning Mixers              | \$50,000           | \$0                 | \$0                 | \$0                | \$0                 | \$50,000            |
| <b>DPS - Water Total</b> |      |             |  | <b>\$350,000</b>   | <b>\$1,405,800</b>  | <b>\$2,755,800</b>  | <b>\$1,098,300</b> | <b>\$8,340,000</b>  | <b>\$13,949,900</b> |
| SW001                    | 83   | DPS - Sewer | Purchase of Ten Wheel Dump Truck                 | \$48,056           | \$0                 | \$0                 | \$0                | \$0                 | \$48,056            |
| SW002                    | 84   | DPS - Sewer | WWTF and Sewer System Resiliency Plan            | \$300,000          | \$750,000           | \$750,000           | \$0                | \$0                 | \$1,800,000         |
| SW003                    | 85   | DPS - Sewer | Aeration System Upgrade                          | \$0                | \$100,000           | \$0                 | \$0                | \$0                 | \$100,000           |
| SW004                    | 86   | DPS - Sewer | Effluent Channel Coatings Repair                 | \$0                | \$50,000            | \$50,000            | \$0                | \$0                 | \$100,000           |
| SW005                    | 87   | DPS - Sewer | Sludge Handling Process Improvement              | \$0                | \$100,000           | \$1,500,000         | \$0                | \$0                 | \$1,600,000         |
| SW006                    | 88   | DPS - Sewer | Sewer Dept. Utility Body                         | \$0                | \$60,000            | \$0                 | \$0                | \$0                 | \$60,000            |
| <b>DPS - Sewer Total</b> |      |             |  | <b>\$348,056</b>   | <b>\$1,060,000</b>  | <b>\$2,300,000</b>  | <b>\$0</b>         | <b>\$0</b>          | <b>\$3,708,056</b>  |
| SC001                    | 89   | Schools     | NHS-Addition, Renovation & Roof Replacement      | \$0                | \$7,000,000         | \$7,000,000         | \$0                | \$0                 | \$14,000,000        |
| SC002                    | 90   | Schools     | NHS School Auditorium Plaster Repairs            | \$0                | \$0                 | \$0                 | \$100,000          | \$0                 | \$100,000           |
| SC003                    | 91   | Schools     | NHS-Exterior Woodwork Project                    | \$127,000          | \$0                 | \$0                 | \$0                | \$0                 | \$127,000           |
| SC004                    | 92   | Schools     | NHS-Exterior Painting                            | \$0                | \$25,000            | \$20,000            | \$25,000           | \$20,000            | \$90,000            |
| SC005                    | 93   | Schools     | NHS-Engineering Services                         | \$0                | \$35,000            | \$0                 | \$0                | \$0                 | \$35,000            |
| SC006                    | 94   | Schools     | NHS-Bleacher Seat Replacement                    | \$0                | \$24,750            | \$0                 | \$0                | \$0                 | \$24,750            |
| SC007                    | 95   | Schools     | NHS-Furniture Replacement                        | \$0                | \$16,000            | \$16,000            | \$16,000           | \$16,000            | \$64,000            |
| SC008                    | 96   | Schools     | NHS-Energy Reduction Projects                    | \$237,433          | \$0                 | \$0                 | \$0                | \$0                 | \$237,433           |
| SC009                    | 97   | Schools     | Pick-Up Truck with Plow                          | \$0                | \$0                 | \$0                 | \$43,800           | \$0                 | \$43,800            |
| SC010                    | 98   | Schools     | Toro Groundsmaster 3500-D                        | \$0                | \$35,720            | \$0                 | \$0                | \$0                 | \$35,720            |
| SC011                    | 99   | Schools     | Nock Molin-Walkway/Sidewalk Repairs and Repaving | \$0                | \$0                 | \$15,000            | \$0                | \$0                 | \$15,000            |
| SC012                    | 100  | Schools     | Nock Molin-Tennis Court Renovation               | \$0                | \$0                 | \$0                 | \$200,000          | \$0                 | \$200,000           |
| SC013                    | 101  | Schools     | Nock Molin-Furniture Replacement                 | \$0                | \$0                 | \$25,000            | \$25,000           | \$0                 | \$50,000            |
| SC014                    | 102  | Schools     | Nock Molin-Gym & Auditorium Roof Replacement     | \$0                | \$0                 | \$662,265           | \$0                | \$0                 | \$662,265           |
| SC015                    | 103  | Schools     | NHS-Carpet Replacement                           | \$0                | \$0                 | \$25,000            | \$25,000           | \$0                 | \$50,000            |
| SC016                    | 104  | Schools     | NHS-Ground Floor Vestibules                      | \$0                | \$30,000            | \$0                 | \$0                | \$0                 | \$30,000            |
| <b>Schools Total</b>     |      |             |  | <b>\$364,433</b>   | <b>\$7,166,470</b>  | <b>\$7,763,265</b>  | <b>\$434,800</b>   | <b>\$36,000</b>     | <b>\$15,764,968</b> |
| <b>Grand Total</b>       |      |             |  | <b>\$9,557,083</b> | <b>\$34,023,899</b> | <b>\$25,139,568</b> | <b>\$6,924,334</b> | <b>\$13,794,234</b> | <b>\$89,439,118</b> |

### III. Project Detail Sheets by Department (following pages)

## PROJECT DETAIL SHEET (IT001)

**IT Hardware**

|                                |                        |
|--------------------------------|------------------------|
| Department:                    | Information Technology |
| Category:                      | Infrastructure         |
| Request Type (New/Prior Year): | Prior Year             |
| Priority:                      | 2 - High               |
| FY2021-FY2025 Project Cost:    | \$135,500              |
| Estimated Useful Life:         | 4 Years                |

**Description and Justification:**

Ongoing Computer Equipment Maintenance and Renewal:

2021 (30) Computers to be replaced + Licensing for Office, Windows 10, Servers 2019 DataCenter + Exchange Server

2022 (30) Computers to be replaced + Licensing for Office, Windows, Servers Windows 10, Servers 2019 DataCenter

2023 (30) Computers to be replaced

2024 (30) Computers to be replaced

2025 (30) Computers to be replaced

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$26,000         |
| FY2022                         | \$25,500         |
| FY2023                         | \$28,000         |
| FY2024                         | \$28,000         |
| FY2025                         | \$28,000         |
| <b>Total Five-Year Cost</b>    | <b>\$135,500</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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:                    | <b>Fire</b>               |
| Category:                      | <b>Vehicles/Equipment</b> |
| Request Type (New/Prior Year): | <b>New</b>                |
| Priority:                      | <b>2 - High</b>           |
| FY2021-FY2025 Project Cost:    | <b>\$60,000</b>           |
| Estimated Useful Life:         | <b>8 Years</b>            |

**Description and Justification:**

This is a continuation of our fleet replacement. This project would replace Car 2, a 2013 Chevrolet Tahoe, in fiscal year 2023. This vehicle is used by the Deputy Fire Chief. The command vehicle used by the Fire Chief will be paid off in the FY21 budget (third of three payments on the lease to purchase agreement).

The Department may look at purchasing a truck instead of an SUV in order to transport equipment outside of the cab.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$60,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$60,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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:                    | <b>Fire</b>               |
| Category:                      | <b>Vehicles/Equipment</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>         |
| Priority:                      | <b>2 - High</b>           |
| FY2021-FY2025 Project Cost:    | <b>\$165,000</b>          |
| Estimated Useful Life:         | <b>10 Years</b>           |

**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

FY22-FY24: 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$55,000         |
| FY2023                         | \$55,000         |
| FY2024                         | \$55,000         |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$165,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 of Fire Station # 2**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Fire                         |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$10,000,000                 |
| 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 feasibility study is underway to determine whether to renovate or replace the station and will continue into FY21.

| Estimated Costs by Fiscal Year |                     |
|--------------------------------|---------------------|
| FY2021                         | \$500,000           |
| FY2022                         | \$9,500,000         |
| FY2023                         | \$0                 |
| FY2024                         | \$0                 |
| FY2025                         | \$0                 |
| <b>Total Five-Year Cost</b>    | <b>\$10,000,000</b> |

|                                 |                |
|---------------------------------|----------------|
| <b>Operating Budget Impact:</b> | <b>\$5,000</b> |
|---------------------------------|----------------|

| 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)

**Renovation of NFD Headquarters Station**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Fire                         |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$4,200,000                  |
| Estimated Useful Life:         | 50 Years                     |

**Description and Justification:**

This project 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. Currently a feasibility study is underway for Station 2 and this study includes an analysis of Headquarters.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$0                |
| FY2023                         | \$200,000          |
| FY2024                         | \$2,000,000        |
| FY2025                         | \$2,000,000        |
| <b>Total Five-Year Cost</b>    | <b>\$4,200,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (FD005)

**SCBA Replacement**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Fire               |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | Prior Year         |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$400,000          |
| Estimated Useful Life:         | 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. There are 38 SCBA units that last 30 minutes per bottle; the replacement units would last 45 minutes.

The City has applied for an Assistance to Firefighters Grant through FEMA, which would cover approximately \$340,000 of the total project cost, if awarded, resulting in a local share of approximately \$60,000.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$400,000        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$400,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (FD006)

**Hose Replacements**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Fire               |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$60,000           |
| Estimated Useful Life:         | 20 Years           |

**Description and Justification:**

The departments hose, nozzles and fittings are aging and need to be replaced. This project will address replacing the department's inventory starting with the oldest equipment.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$30,000        |
| FY2023                         | \$0             |
| FY2024                         | \$30,000        |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$60,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (FD007)

**Fire Data Control Systems**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Fire               |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$125,000          |
| Estimated Useful Life:         | 10 Years           |

**Description and Justification:**

The fire department's data control systems and software are outdated and need to be upgraded. The department has no ability to transfer data to the emergency and command vehicles in the field. This project will allow for the upgrading of technology and for mobile data terminals and related software to make use of our data as well as web-based systems on the emergency scene or while conducting inspections or investigations.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$125,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$125,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

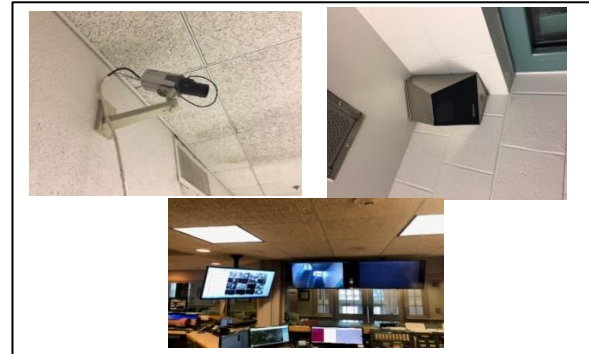
| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
| X                             | General Fund (Pay As You Go)    |
|                               | 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 (PD001)

**Surveillance Camera Integration**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Police                       |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 1 - Urgent/Very High         |
| FY2021-FY2025 Project Cost:    | \$185,000                    |
| Estimated Useful Life:         | 25 Years                     |

**Description and Justification:**

With the additional cameras in the Titcomb St Parking Garage and the demand for video for the schools, police station, and municipal buildings, combined with the age and condition of the current equipment, the police dispatch center needs an update to the surveillance camera equipment. A better plan and system 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.

This may be completed concurrently with the Dispatch Center Renovation Project (PD001).

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$10,000         |
| FY2023                         | \$175,000        |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$185,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PD002)

**Dispatch Center Renovation**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Police                       |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 1 - Urgent/Very High         |
| FY2021-FY2025 Project Cost:    | \$475,000                    |
| Estimated Useful Life:         | 25 Years                     |

**Description and Justification:**

The police department dispatch center is 23 years old and some of the equipment is outdated and in need of replacing. 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$25,000         |
| FY2023                         | \$450,000        |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$475,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PD003)

**Carpet Replacement**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Police                       |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 4 - Low                      |
| FY2021-FY2025 Project Cost:    | \$40,000                     |
| Estimated Useful Life:         | 20 Years                     |

**Description and Justification:**

The carpet in the police station are currently 24 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 |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$40,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$40,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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                     |
| FY2021-FY2025 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 |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$30,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$30,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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           |
| FY2021-FY2025 Project Cost:    | \$25,000           |
| 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 |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$25,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$25,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 PD006

**Dive Team Equipment**

|                                |                      |
|--------------------------------|----------------------|
| Department:                    | Police               |
| Category:                      | Vehicles/Equipment   |
| Request Type (New/Prior Year): | New                  |
| Priority:                      | 1 - Urgent/Very High |
| FY2021-FY2025 Project Cost:    | \$35,000             |
| Estimated Useful Life:         | 10 Years             |

**Description and Justification:**

There are 5 active members of the dive team. Over the years it has become more difficult to keep up with the need to update old equipment to make it practical for diving in the Merrimack River. There is a need to periodically update the equipment for officer/diver safety. There is a need for new communications masks and other miscellaneous equipment. The dive gear is becoming outdated and without the necessary funding we may be challenged to continue.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$35,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$35,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 PD006

**Taser Replacement**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Police             |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$108,000          |
| Estimated Useful Life:         | 8 Years            |

**Description and Justification:**

Extensive research has been done on the use of these non-lethal devices and has shown compelling support for them. Tasers saves lives, prevent injuries, and reduce litigation. Taser technology is a safer, more effective use of force. The days of the public tolerating officers striking suspects with batons is quickly diminishing, mostly due to the fact that technology and safer tools are now available. Over the past several years since deploying the Taser we have seen a reduction in use of force.

The Tasers that we currently own have a life expectancy of 6- 8 years. The request is to purchase 34 to replace the tasers that will be outdated. This would allow for each officer to individually be assigned a taser. With each officer having their own taser ensures they have the capability to have less lethal technology with them while on duty and during outside details. Given we never know when or where an officer will be called upon to respond and take protective action, they need to the tools to effectively and safely respond.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$108,000        |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$108,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 PD006

**Records Room**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Police             |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 3 - Medium         |
| FY2021-FY2025 Project Cost:    | \$20,000           |
| Estimated Useful Life:         | 30 Years           |

**Description and Justification:**

We completed the renovation of the room in the building that was originally designed to be a photo lab. This room has never been used for what it was intended for because of the change in technology and digital photography. We would like to make this a designated area for a modern records filing and storage system. This system are a set of filing cabinets that are space savers, it is the newest system on the market. This will allow for easier access to files and help with the multiple public records requests we receive. It will also allow for records to be stored out of the basement storage area that is almost to capacity. The renovation was done by the city which saved approximately \$10,000 for the original cost of the project. We still need to complete the lighting, add a door and purchase the filing storage system.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$20,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$20,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 PD006

**Cruiser/Vehicle Replacements**

|                                |                           |
|--------------------------------|---------------------------|
| Department:                    | <b>Police</b>             |
| Category:                      | <b>Vehicles/Equipment</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>         |
| Priority:                      | <b>2 - High</b>           |
| FY2021-FY2025 Project Cost:    | <b>\$350,000</b>          |
| Estimated Useful Life:         | <b>4 Years</b>            |

**Description and Justification:**

The operating budget includes an annual appropriation for police cruisers and vehicles, which are typically financed on a lease-to-own basis.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$50,000         |
| FY2022                         | \$75,000         |
| FY2023                         | \$75,000         |
| FY2024                         | \$75,000         |
| FY2025                         | \$75,000         |
| <b>Total Five-Year Cost</b>    | <b>\$350,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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:                    | <b>Sustainability</b>               |
| Category:                      | <b>Facilities Renovation/Repair</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>                   |
| Priority:                      | <b>2 - High</b>                     |
| FY2021-FY2025 Project Cost:    | <b>\$650,000</b>                    |
| Estimated Useful Life:         | <b>20 Years</b>                     |

**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 |                  |
|--|------------------|
| FY2021                                 | \$0              |
| FY2022                                 | \$0              |
| FY2023                                 | \$0              |
| FY2024                                 | \$650,000        |
| FY2025                                 | \$0              |
| <b>Total Five-Year Cost</b>            | <b>\$650,000</b> |

|                                 |                  |
|---------------------------------|------------------|
| <b>Operating Budget Impact:</b> | <b>-\$15,000</b> |
|---------------------------------|------------------|

| 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                       |
|                               | Trust Fund/Local Grant          |
|                               | Other*                          |

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

## PROJECT DETAIL SHEET (PL001)

**Riverfront Critical Gap Trail Project/WWTF Resiliency**

|                                |                        |
|--------------------------------|------------------------|
| Department:                    | Planning & Development |
| Category:                      | Infrastructure         |
| Request Type (New/Prior Year): | Prior Year             |
| Priority:                      | 1 - Urgent/Very High   |
| FY2021-FY2025 Project Cost:    | \$1,750,000            |
| Estimated Useful Life:         | 100 Years              |

**Description and Justification:**

The City has been working towards the establishment of a continuous off-road, multi-use, pedestrian and bicyclist Rail Trail looping around the core of our community. Simultaneously, the City's Wastewater Treatment Facility (WWTF) has been identified as a top priority for retrofitting for protection due to its vulnerability to storm surge, sea level rise, and flooding. This project will install a reconstructed stone revetment to 14' and a berm to 14.5' with the trail on top along this 1200' section of the Merrimack River shoreline. The off-road trail will replace a substandard interim detour route along narrow Water Street. The project will set up future phases of protection for the WWTF such as floodwalls extending back to Water Street.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$50,000           |
| FY2022                         | \$1,700,000        |
| FY2023                         | \$0                |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,750,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>\$15,000</b> |
|---------------------------------|-----------------|

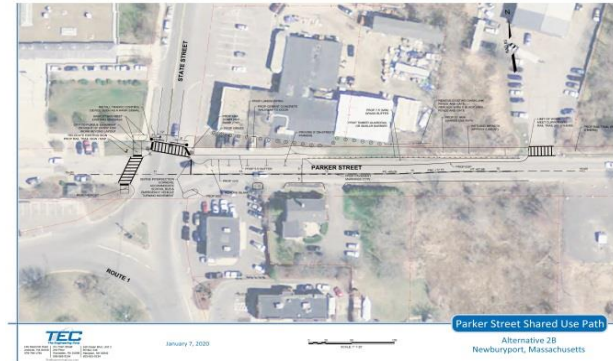
| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
|                               | General Fund (Pay As You Go)    |
| X                             | Enterprise Fund (Debt)          |
| X                             | Enterprise Fund (Pay As You Go) |
| X                             | State/Federal Grant             |
| X                             | CPA Grant                       |
|                               | 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   |
| FY2021-FY2025 Project Cost:    | \$425,000              |
| Estimated Useful Life:         | 100 Years              |

**Description and Justification:**

The City has been working for two decades towards creating a multi-use pedestrian and bicyclist trail looping around the core of our community and connecting with the commuter rail station. This Phase III project will reconfigure the dangerous State Street -Parker Street intersection for pedestrians and bicyclists, where a pedestrian was killed in 2016, and extend the Rail Trail 500' west to the Shepard's Auto driveway. The project will connect with MassDOT's project #608494 to construct pedestrian and bicyclist accommodations to cross Route 1 and the Rotary, integrating the Smart Growth District, as well as developer Ed Hill's Special Permit required 500' section between Shepard's Auto and the Town Line at the Oak Hill Cemetery driveway, plus the final 250' along Parker Street between the Oak Hill Cemetery and the Phase II Rail Trail trailhead in Newbury.

The City was awarded a \$400,000 Complete Streets grant for the project.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$425,000        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$425,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>\$15,000</b> |
|---------------------------------|-----------------|

| 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 (PL003)

**Central Waterfront Bulkhead Phase II**

|                                |                        |
|--------------------------------|------------------------|
| Department:                    | Planning & Development |
| Category:                      | Infrastructure         |
| Request Type (New/Prior Year): | Prior Year             |
| Priority:                      | 2 - High               |
| FY2021-FY2025 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 were 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 Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$100,000          |
| FY2023                         | \$3,000,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$3,100,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>\$15,000</b> |
|---------------------------------|-----------------|

| 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 (PL004)

## Central Waterfront Park Expansion and Rail Trail Extension

|                                |                             |
|--------------------------------|-----------------------------|
| Department:                    | Planning & Development      |
| Category:                      | Parks, Grounds & Open Space |
| Request Type (New/Prior Year): | Prior Year                  |
| Priority:                      | 2 - High                    |
| FY2021-FY2025 Project Cost:    | \$2,500,000                 |
| Estimated Useful Life:         | 100 Years                   |

**Description and Justification:**

Newburyport is finally in a position to advance the long-sought central waterfront park expansion now that the construction of the parking garage allows a number of parking spaces to be responsibly removed from the central waterfront without loss of capacity for the downtown. Based on a public design process, this project will expand the green space of the central waterfront park, bringing in fill to extend the raised berm adjacent to the boardwalk into a broad raised park area of grass, benches, and other amenities, and extend continuous Rail Trail bicycle access along the edge. The project is based on the "framework plan" identified for the central waterfront during recent years.

\*Following the dissolution of the Newburyport Redevelopment Authority, all assets (estimated \$500,000) will be turned over to the City as a funding source for this project. It is the City's intent to fund the remaining amount from grants.



| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$500,000          |
| FY2022                         | \$1,000,000        |
| FY2023                         | \$1,000,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$2,500,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>\$15,000</b> |
|---------------------------------|-----------------|

| 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 (PL005)

**Fish Pier Embayment Dredging**

|                                |                        |
|--------------------------------|------------------------|
| Department:                    | Planning & Development |
| Category:                      | Miscellaneous          |
| Request Type (New/Prior Year): | Prior Year             |
| Priority:                      | 3 - Medium             |
| FY2021-FY2025 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.

This project would only happen if the mouth of the Merrimack River were dredged and the bulkhead is fully repaired.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$50,000         |
| FY2025                         | \$700,000        |
| <b>Total Five-Year Cost</b>    | <b>\$750,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
|                               | General Fund (Pay As You Go)    |
| X                             | 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 (PL006)

**Newburyport Youth Services**

|                                |                                     |
|--------------------------------|-------------------------------------|
| Department:                    | <b>Planning &amp; Development</b>   |
| Category:                      | <b>Facilities Renovation/Repair</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>                   |
| Priority:                      | <b>1 - Urgent/Very High</b>         |
| FY2021-FY2025 Project Cost:    | <b>\$4,500,000</b>                  |
| Estimated Useful Life:         | <b>30 Years</b>                     |

**Description and Justification:**

Newburyport Youth Services (NYS) in recent years has been located at the former Brown School Building. The Brown School is structurally sound but requires upgrades to virtually all systems including electrical and HVAC.

\*Sale Proceeds/Donations

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$100,000          |
| FY2022                         | \$2,400,000        |
| FY2023                         | \$2,000,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$4,500,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>\$15,000</b> |
|---------------------------------|-----------------|

| 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          |
| X                             | Other*                          |

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

## PROJECT DETAIL SHEET (PL006A)

**Brown School Facilities Renovation/ Repair**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Planning & Development       |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 1 - Urgent/Very High         |
| FY2021-FY2025 Project Cost:    | \$400,000                    |
| Estimated Useful Life:         | 30 Years                     |

**Description and Justification:**

|  |
|--|
|  |
|--|

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$400,000        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$400,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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          |
|                               | Other*                          |

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



## PROJECT DETAIL SHEET (PK001)

**Infield Groomer**

|                                |                           |
|--------------------------------|---------------------------|
| Department:                    | <b>Parks</b>              |
| Category:                      | <b>Vehicles/Equipment</b> |
| Request Type (New/Prior Year): | <b>New</b>                |
| Priority:                      | <b>2 - High</b>           |
| FY2021-FY2025 Project Cost:    | <b>\$15,000</b>           |
| Estimated Useful Life:         | <b>15 Years</b>           |

**Description and Justification:**

When the schools assumed care of Richie Eaton Baseball Field and Pettingell Field, the Parks Dept. gave them the infield groomer that was used on all city ball fields. It had been purchased with funds raised by the Newburyport Parks Conservancy for care of the school athletic fields, so it seemed appropriate that they retain use of it. A new groomer is needed to replace that one, so that we can efficiently care for infields at Cashman, Perkins, Woodman and Lower Atkinson Ballfields. Now that we are charging a fee for softball and baseball leagues to use our fields, we need to be even more diligent about maintaining them for safety and playability.

The Department currently grooms the fields by towing a metal mat behind an ATV.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$15,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$15,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK002)

**Cushing Park Lot Resurfacing**

|                                |                       |
|--------------------------------|-----------------------|
| Department:                    | <b>Parks</b>          |
| Category:                      | <b>Infrastructure</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>     |
| Priority:                      | <b>3 - Medium</b>     |
| FY2021-FY2025 Project Cost:    | <b>\$340,000</b>      |
| Estimated Useful Life:         | <b>20 Years</b>       |

**Description and Justification:**

The Cushing Park parking lot asphalt surface is cracked and in need of replacement.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$340,000        |
| <b>Total Five-Year Cost</b>    | <b>\$340,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK003)

**Joppa Park Improvement Project**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Parks</b>                           |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>                      |
| Priority:                      | <b>2 - High</b>                        |
| FY2021-FY2025 Project Cost:    | <b>\$300,083</b>                       |
| Estimated Useful Life:         | <b>30 Years</b>                        |

**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 11 new benches, renovation of the central garden and lawn, new water bubbler, new irrigation for plantings and lawn, addition of four historic interpretive panels and partial replacement of the dangerous sea wall walkway. 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); completing replacement of the badly damaged and dangerous asphalt walkway along the sea wall with brick pavers.

\*\$47,437 Improvements will be funded by The Mayor Gayden W. Morrill Charitable Foundation.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$300,083        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$300,083</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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                       |
|                               | Trust Fund/Local Grant          |
| X                             | Other*                          |

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

## PROJECT DETAIL SHEET (PK005)

**Field Improvement - Fuller Complex**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Parks</b>                           |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>                      |
| Priority:                      | <b>2 - High</b>                        |
| FY2021-FY2025 Project Cost:    | <b>\$1,110,006</b>                     |
| Estimated Useful Life:         | <b>30 Years</b>                        |

**Description and Justification:**

Expanded parking and drop-off area, walkways, spectator seating, renovated bathrooms, and concessions amenities, will contribute to the facility's potential to host a state meet and other events and address current drop-off and parking safety issues. A future phase may include installing a synthetic turf field within the track. The site was prepped for such an installation during Phase I.

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

Remaining: FY2021: Grandstand, parking & drop-off, renovate field house, walkways, extend power for track & timing, possible parking lot lighting  
 FY2022: Resurface track  
 TBD: Install synthetic turf infield (\$1M)

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$1,110,006        |
| FY2023                         | \$0                |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,110,006</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK007)

**Mower Attachment Purchase**

|                                |                           |
|--------------------------------|---------------------------|
| Department:                    | <b>Parks</b>              |
| Category:                      | <b>Vehicles/Equipment</b> |
| Request Type (New/Prior Year): | <b>New</b>                |
| Priority:                      | <b>3 - Medium</b>         |
| FY2021-FY2025 Project Cost:    | <b>\$24,500</b>           |
| Estimated Useful Life:         | <b>15 Years</b>           |

**Description and Justification:**

This mower attachment requires much less maintenance than a dedicated mower. It adds an additional tool for the tractor to use, increases efficiency & cuts labor hours. By circumventing a dedicated mower we cut costs & use what we already have. It would be used for maintaining Bradley Fuller Park track infield & north field, Atkinson Common, Moseley Woods, Cashman, Perkins, and Woodman ball fields and the Clipper City Rail Trail.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$24,500        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$24,500</b> |

|                                 |              |
|---------------------------------|--------------|
| <b>Operating Budget Impact:</b> | <b>\$500</b> |
|---------------------------------|--------------|

| 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 (PK008)

**Fuller North Field Irrigation System**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Parks</b>                           |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>                      |
| Priority:                      | <b>2 - High</b>                        |
| FY2021-FY2025 Project Cost:    | <b>\$30,000</b>                        |
| Estimated Useful Life:         | <b>30 Years</b>                        |

**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
- Will explore the option of drilling wells on site as the water source

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$30,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$30,000</b> |

|                                 |              |
|---------------------------------|--------------|
| <b>Operating Budget Impact:</b> | <b>\$500</b> |
|---------------------------------|--------------|

| 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)

**Atkinson Common Tennis Court Resurfacing**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Parks</b>                           |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>New</b>                             |
| Priority:                      | <b>2 - High</b>                        |
| FY2021-FY2025 Project Cost:    | <b>\$200,000</b>                       |
| Estimated Useful Life:         | <b>30 Years</b>                        |

**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 |                  |
|--|------------------|
| FY2021                                 | \$0              |
| FY2022                                 | \$0              |
| FY2023                                 | \$200,000        |
| FY2024                                 | \$0              |
| FY2025                                 | \$0              |
| <b>Total Five-Year Cost</b>            | <b>\$200,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK011)

**Cashman Park Basketball Court Resurfacing**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Parks</b>                           |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>New</b>                             |
| Priority:                      | <b>2 - High</b>                        |
| FY2021-FY2025 Project Cost:    | <b>\$150,000</b>                       |
| Estimated Useful Life:         | <b>20 Years</b>                        |

**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.

The Department will be performing some maintenance (e.g. crack sealing) to preserve the courts until they can be resurfaced.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$150,000        |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$150,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK012)

## Master Plan for Lower Atkinson Common

|                                |                             |
|--------------------------------|-----------------------------|
| Department:                    | Parks                       |
| Category:                      | Parks, Grounds & Open Space |
| Request Type (New/Prior Year): | New                         |
| Priority:                      | 2 - High                    |
| FY2021-FY2025 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 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 |                 |
|--------------------------------|-----------------|
| FY2021                         | \$25,000        |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$25,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK013)

**Bartlet Mall Hist. Restoration – NW Corner Improvements**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Parks</b>                           |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>New</b>                             |
| Priority:                      | <b>2 - High</b>                        |
| FY2021-FY2025 Project Cost:    | <b>\$606,269</b>                       |
| Estimated Useful Life:         | <b>30 Years</b>                        |

**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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$192,915        |
| FY2022                         | \$413,354        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$606,269</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (PK014)

## Parks Field Office

|                                |                             |
|--------------------------------|-----------------------------|
| Department:                    | Parks                       |
| Category:                      | Parks, Grounds & Open Space |
| Request Type (New/Prior Year): | New                         |
| Priority:                      | 1 - Urgent/Very High        |
| FY2021-FY2025 Project Cost:    | \$350,000                   |
| Estimated Useful Life:         | 50 Years                    |

**Description and Justification:**

The Parks Dept has been in need of a field office-equipment storage space since FY15 when parks maintenance was brought in-house. Currently, our staff, equipment, tools and materials are accommodated at several locations throughout the city including City Hall, Cashman Park, Moseley Woods, Atkinson Common, and the EMS garage at 57 Low Street. Event-related equipment and supplies are stored at volunteers' private homes. The 18' x 30' garage at Low Street provides heated workshop and bathroom but the building offices and meeting rooms are not useable. The Parks Dept has been offered **\*a donation of a 50' x 100' building (approx. \$250,000)** to be located across from the Water Dept facility on Spring Lane. The City is responsible for installing the foundation and utilities (est. \$100,000). The building pictured above is one possible design for the proposed, pre-fabricated building.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$350,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$350,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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          |
| X                             | Other*                          |

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

## PROJECT DETAIL SHEET (LI001)

**HVAC System Repair/Replacement - Archival Center**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Library                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$126,000                    |
| 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. Equipment continues to be an issue with both cooling and heating. In FY19 an engineering assessment of the HVAC system rated the condition of the Archival Center HVAC units as "poor" with a recommendation to replace both Liebert units. This is a high priority project because of the need to have stable climate control to preserve and protect the Archival Center collection of historical documents, books and other materials. \$126,000 for the equipment and installation.

The Department has applied for a CPA Grant to fund this project.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$126,000        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$126,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

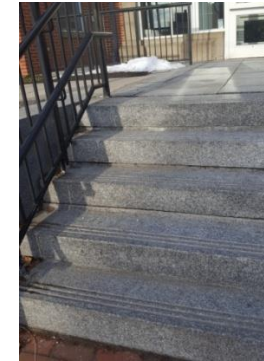
| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
|                               | General Fund (Pay As You Go)    |
|                               | 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 (LI002)

**Front Steps/Retaining Wall Repair**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Library                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 3 - Medium                   |
| FY2021-FY2025 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. 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$100,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$100,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (LI003)

**Boiler Replacement**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Library                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 3 - Medium                   |
| FY2021-FY2025 Project Cost:    | \$80,000                     |
| 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. Equipment continues to be an issue with both cooling and heating. In FY19 an engineering assessment of the HVAC system recommended proactive replacement of the boilers within 5 years for greater efficiency and reduced operating costs. A consultant/engineer will be contracted to develop a scope of work for replacement of the five boilers.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$80,000        |
| <b>Total Five-Year Cost</b>    | <b>\$80,000</b> |

|                                 |                  |
|---------------------------------|------------------|
| <b>Operating Budget Impact:</b> | <b>-\$10,000</b> |
|---------------------------------|------------------|

| 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 (YS001)

**Kelleher Basketball Court**

|                                |  |
|--------------------------------|--|
| Department:                    | <b>Youth Services</b>                  |
| Category:                      | <b>Parks, Grounds &amp; Open Space</b> |
| Request Type (New/Prior Year): | <b>New</b>                             |
| Priority:                      | <b>3 - Medium</b>                      |
| FY2021-FY2025 Project Cost:    | <b>\$30,000</b>                        |
| Estimated Useful Life:         | <b>40 Years</b>                        |

**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 |                 |
|--|-----------------|
| FY2021                                 | \$0             |
| FY2022                                 | \$0             |
| FY2023                                 | \$30,000        |
| FY2024                                 | \$0             |
| FY2025                                 | \$0             |
| <b>Total Five-Year Cost</b>            | <b>\$30,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (HW001)

**Parker Street/Scotland Road Culvert Replacement (Design)**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Highway  |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | Prior Year     |
| Priority:                      | 3 - Medium     |
| FY2021-FY2025 Project Cost:    | \$200,000      |
| 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.

\*Culvert spans into Newbury and would be cost-shared with the Town.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$200,000        |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$200,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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          |
| X                             | 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 |
| FY2021-FY2025 Project Cost:    | \$518,308            |
| 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$172,769        |
| FY2022                         | \$172,769        |
| FY2023                         | \$172,769        |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$518,308</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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)

**Downtown Equipment**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Highway      |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | Prior Year         |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$200,000          |
| Estimated Useful Life:         | 12 Years           |

**Description and Justification:**

This piece of equipment is to clear snow from sidewalks/streets and clear brush from the side of roads.

\*As this equipment would be used downtown, paid parking funding may be suitable and/or contributions from downtown property owners.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$200,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$200,000</b> |

|                                 |                |
|---------------------------------|----------------|
| <b>Operating Budget Impact:</b> | <b>\$1,000</b> |
|---------------------------------|----------------|

| 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 (HW005)

**Roadway Paving Improvement**

|                                |                      |
|--------------------------------|----------------------|
| Department:                    | DPS - Highway        |
| Category:                      | Infrastructure       |
| Request Type (New/Prior Year): | Prior Year           |
| Priority:                      | 1 - Urgent/Very High |
| FY2021-FY2025 Project Cost:    | \$8,561,000          |
| 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.

Source of increase in funding in FY22 through FY25 would be part of bonding for road and sidewalk construction.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$2,561,000        |
| FY2022                         | \$1,500,000        |
| FY2023                         | \$1,500,000        |
| FY2024                         | \$1,500,000        |
| FY2025                         | \$1,500,000        |
| <b>Total Five-Year Cost</b>    | <b>\$8,561,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (HW006)

**Sidewalk Replacement/New Construction Program**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Highway  |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | Prior Year     |
| Priority:                      | 2 - High       |
| FY2021-FY2025 Project Cost:    | \$3,000,000    |
| 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.

Source of increase in funding in FY22 through FY25 would be part of bonding for road and sidewalk construction.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$1,000,000        |
| FY2022                         | \$500,000          |
| FY2023                         | \$500,000          |
| FY2024                         | \$500,000          |
| FY2025                         | \$500,000          |
| <b>Total Five-Year Cost</b>    | <b>\$3,000,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (HW007)

**Downtown Utility Upgrades (Design)**

|                                |                      |
|--------------------------------|----------------------|
| Department:                    | DPS - Highway        |
| Category:                      | Infrastructure       |
| Request Type (New/Prior Year): | Prior Year           |
| Priority:                      | 1 - Urgent/Very High |
| FY2021-FY2025 Project Cost:    | \$500,000            |
| Estimated Useful Life:         | 75 Years             |

**Description and Justification:**

Replacement of aging water, sewer, and drainage systems at State Street up to High Street, Market Square RT 1 to WWTF, 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. \$500K 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 be incorporated with the sewer and water replacement master plan. to be shared by the General Fund, Water Enterprise Fund and Sewer Enterprise Fund

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$500,000        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$500,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
| X                             | 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 (HW008)

**Phillips Drive Roadwork and Drainage**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Highway  |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | Prior Year     |
| Priority:                      | 2 - High       |
| FY2021-FY2025 Project Cost:    | \$6,000,000    |
| 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. The project will be constructed in two phases. Survey was completed in 2019. Design will include all phases of construction and is planned for FY21 at an estimated cost of \$200k. Total construction is estimated to cost around \$5m.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$1,000,000        |
| FY2022                         | \$2,500,000        |
| FY2023                         | \$2,500,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$6,000,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (HW009)

**Plummer Spring Bridge Replacement**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Highway  |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | Prior Year     |
| Priority:                      | 3 - Medium     |
| FY2021-FY2025 Project Cost:    | \$2,250,000    |
| 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 collapsed and the bridge has been closed. Funding (grants, etc.) and expenses (design/construction costs, bonds, etc.) are being shared by both communities. In 2018, MassDOT granted us \$500K for design under their Municipal Small Bridge Improvement Program and in 2019 MassWorks granted West Newbury \$1M to finalize design and begin construction. The total construction costs are estimated at \$3M. No additional monies are necessary to complete the design phase. Construction cannot begin until design and permitting are completed, assumed to be spring 2021. Balance of construction funding will be needed for FY22. The balance of the bridge cost would be shared by both communities.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$2,250,000        |
| FY2023                         | \$0                |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$2,250,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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          |
| X                             | Other*                          |

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

## PROJECT DETAIL SHEET (HW010)

**Purchase of Two 6 Wheel Dump Truck with Plow**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Highway      |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$450,825          |
| Estimated Useful Life:         | 15 Years           |

**Description and Justification:**

These two trucks will replace two 2000 5 Ton dump trucks with GVW 28,000 lbs. Trucks are outfitted with sanders/controls. These are front line trucks used to haul materials to and from job sites and for snow plowing.

Funding is through a fund through lease to purchase payments. **Year 2021 Final Truck Payment**

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$125,825        |
| FY2022                         | \$0              |
| FY2023                         | \$65,000         |
| FY2024                         | \$130,000        |
| FY2025                         | \$130,000        |
| <b>Total Five-Year Cost</b>    | <b>\$450,825</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (HW013)

**Highway Dept. Loader**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Highway      |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 3 - Medium         |
| FY2021-FY2025 Project Cost:    | \$195,702          |
| Estimated Useful Life:         | 15 Years           |

**Description and Justification:**

2020 Cat loader 930 M, used for snow removal and daily operations. Three year lease to purchase.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$65,234         |
| FY2024                         | \$65,234         |
| FY2025                         | \$65,234         |
| <b>Total Five-Year Cost</b>    | <b>\$195,702</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

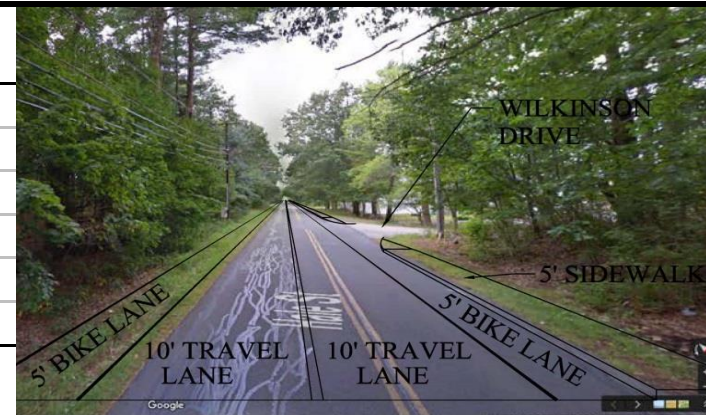
| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
| X                             | General Fund (Pay As You Go)    |
|                               | 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 (HW014)

**Hale Street Sidewalk and Pedestrian Access (Design)**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Highway      |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 3 - Medium         |
| FY2021-FY2025 Project Cost:    | \$125,000          |
| Estimated Useful Life:         | 15 Years           |

**Description and Justification:**

Hale Street currently has sidewalks on both ends but a long stretch of the roadway is without and with pedestrian and biking traffic increasing each year, providing safe access is critical. This project requires wetland delineation, a topographic survey, design, permitting, and construction. Wetland delineation and survey is estimated to be \$75k and \$50k is estimated to be needed to hire an outside engineering firm to perform conceptual-level design Plans. Additional money may be needed to hire a firm for final design if the design cannot be performed in-house. Construction costs are directly dependent upon the design concept so construction costs are unknown for FY21.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$125,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$125,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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                       |
| X                             | Trust Fund/Local Grant          |
|                               | Other*                          |

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

## PROJECT DETAIL SHEET (HW015)

**Tire Machine**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Highway      |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$20,000           |
| Estimated Useful Life:         | 15 Years           |

**Description and Justification:**

Purchase tire machine for City wide vehicle maintenance. Elimination of the purchase and install of tires from an outside vendor will initially reduce tire replacement costs by 20%. The tire machine will also enable the vehicle maintenance crew to perform tire repairs and afford long term savings to all vehicles serviced by DPS throughout the City (Police, Fire, Schools, Parks, Water, Sewer & Highway).

\*Receipts Reserved for Appropriation -Fuel Fund

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$20,000        |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$20,000</b> |

|                                 |                  |
|---------------------------------|------------------|
| <b>Operating Budget Impact:</b> | <b>-\$10,000</b> |
|---------------------------------|------------------|

| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
| X                             | 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 (HW016)

**Fuel Delivery System**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Highway      |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$20,000           |
| Estimated Useful Life:         | 15 Years           |



**Description and Justification:**

Replace and upgrade vehicle fuel delivery hardware install software for web based digital communication. Installed in 1989 the current monitoring system is 32 years old and past its useful life. New technology will allow for web based oversight of the three 8,000 gallon tanks (two gasoline and one diesel) and communicate through programmed sensor probes. The new system will allow for immediate alerts & reporting of leaks, volume, limits and delivery needs. Environmentally the system will support efforts to maintain efficient and sustainable systems and enable real time data.

\*Receipts Reserved for Appropriation -Fuel Fund

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$20,000        |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$20,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>-\$2,000</b> |
|---------------------------------|-----------------|

| 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          |
| X                             | 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       |
| FY2021-FY2025 Project Cost:    | \$1,300,000    |
| Estimated Useful Life:         | 50 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.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$150,000          |
| FY2022                         | \$150,000          |
| FY2023                         | \$250,000          |
| FY2024                         | \$250,000          |
| FY2025                         | \$500,000          |
| <b>Total Five-Year Cost</b>    | <b>\$1,300,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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         |
| FY2021-FY2025 Project Cost:    | \$174,900          |
| 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.

Three year payments.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$58,300         |
| FY2023                         | \$58,300         |
| FY2024                         | \$58,300         |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$174,900</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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       |
| FY2021-FY2025 Project Cost:    | \$1,200,000    |
| Estimated Useful Life:         | 15 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. The last meter upgrade took place in 2008. Meter's begin to deliver inaccurate consumption data readings as the equipment ages and technology becomes outdated. Service agreements are no longer available for current meter reading software and current meters are no longer manufactured or sold. The department is currently running two separate systems to read old meters and new replacement meters.

New meter technology will offer several benefits; improved leak detection, decrease undetected water loss, improved customer service, increase meter reading and billing efficiency, reduce estimated and billing errors and reduce/eliminate abatements. \*The City maintains a Meter Replacement Program account with a current balance of \$433,812.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$150,000          |
| FY2022                         | \$150,000          |
| FY2023                         | \$150,000          |
| FY2024                         | \$750,000          |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,200,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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          |
| X                             | 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       |
| FY2021-FY2025 Project Cost:    | \$300,000      |
| 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. Immediate improvements to the dam are needed to protect our water supply as outlined in the latest Dam Inspection Report. FY21 estimate is for detailed inspection and conceptual design fees and clearing of hundreds of trees along the 4,400 linear-foot dam. Actual costs are TBD based on further evaluation of the dam's structural integrity.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$300,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$300,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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*                          |

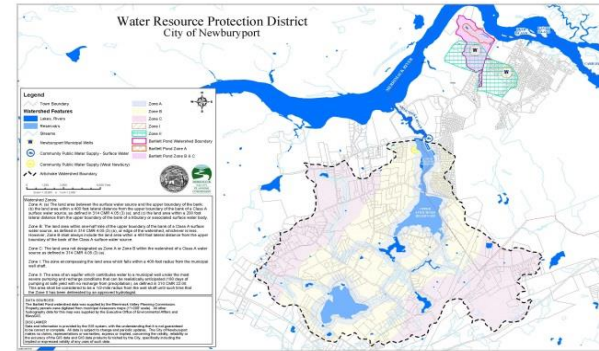
\*Specify other funding source(s) in project description.



PROJECT DETAIL SHEET (WA005)

**Watershed/Public Water Supply Protection**

|                                |                             |
|--------------------------------|-----------------------------|
| Department:                    | DPS - Water                 |
| Category:                      | Parks, Grounds & Open Space |
| Request Type (New/Prior Year): | Prior Year                  |
| Priority:                      | 2 - High                    |
| FY2021-FY2025 Project Cost:    | \$1,475,000                 |
| Estimated Useful Life:         | 100 Years                   |



**Description and Justification:**

Newburyport needs to be prepared to protect the remaining significant watershed and/or conservation land to protect the community from development impacts and impaired public water supplies. These conservation opportunities can be infrequent but can happen quickly when landowners put their property on the market. The City may also need to plan proactive steps to protect the water supply from existing land uses. There are state and non-profit partners and grants that can assist with funding for these projects, but the City will need to take a lead role.

The City is working with West Newbury to update existing protection plan; review contributing tributaries and develop long term goals and plans. Protect our surface water supply from rising Merrimack River floodwaters and as recommended by the Water Quality Study dated Feb. 2016 and Jan. 2005 Artichoke Watershed Protection Plan. \$175k to update our Watershed Protection Plan, assess long-term climate change impacts, develop conceptual design-level options for protecting our surface water supplies. Also, in 2019, City teamed with Essex County Greenbelt to obtain grant money for a land purchase on Rogers Rd. Actual land purchase costs dependent upon award amount. \$50,000 was appropriated in both the FY19 and FY20 capital budgets.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$475,000          |
| FY2023                         | \$1,000,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,475,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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             |
| X                             | CPA Grant                       |
| X                             | 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                   |
| FY2021-FY2025 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 |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$25,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$25,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

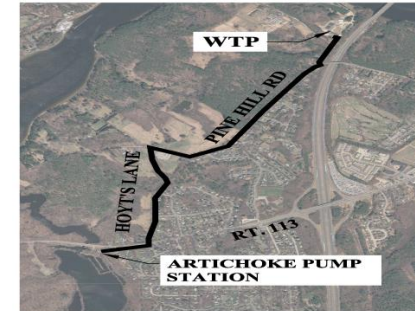
| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
|                               | General Fund (Pay As You Go)    |
|                               | 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)

**Replace Water Supply Line to Route 113**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Water    |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | Prior Year     |
| Priority:                      | 3 - Medium     |
| FY2021-FY2025 Project Cost:    | \$7,800,000    |
| 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.

Environmental Partners consultant study results were completed in February of 2020. Further consideration is needed to develop a plan to fund.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$0                |
| FY2023                         | \$0                |
| FY2024                         | \$0                |
| FY2025                         | \$7,800,000        |
| <b>Total Five-Year Cost</b>    | <b>\$7,800,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
|                               | General Fund (Pay As You Go)    |
| X                             | 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 (WA009)

**Water Dept Backhoe**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Water        |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 3 - Medium         |
| FY2021-FY2025 Project Cost:    | \$120,000          |
| Estimated Useful Life:         | 10 Years           |

**Description and Justification:**

Purchase new 2020 CAT 430 backhoe CAT 430 Backhoe to replace 2006 backhoe that is past its useful life. Machine is required to perform water main breaks, snow removal and every day operations. Three lease to own payments.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$40,000         |
| FY2024                         | \$40,000         |
| FY2025                         | \$40,000         |
| <b>Total Five-Year Cost</b>    | <b>\$120,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (WA010)

**Water Dept. Utility Body**

|                                |                           |
|--------------------------------|---------------------------|
| Department:                    | <b>DPS - Water</b>        |
| Category:                      | <b>Vehicles/Equipment</b> |
| Request Type (New/Prior Year): | <b>New</b>                |
| Priority:                      | <b>2 - High</b>           |
| FY2021-FY2025 Project Cost:    | <b>\$60,000</b>           |
| Estimated Useful Life:         | <b>10 Years</b>           |

**Description and Justification:**

Utility body 3/4 ton pick 4X4 pickup with lift gate and plow is needed for the Water Department. This will replace eight year old pick up truck that the department will reuse. The utility body will assist with water operations to carry & protect the proper tools and equipment.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$60,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$60,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (WA011)

**Plum Island Chlorine Booster Station**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | DPS - Water                  |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 3 - Medium                   |
| FY2021-FY2025 Project Cost:    | \$80,000                     |
| Estimated Useful Life:         | 40 Years                     |

**Description and Justification:**

Reconfigure main piping/chemical feed to accommodate fire flows (engineering proposal & submittal to DEP). Reprogram logic on PLC, set up redundant chemical feed pumps without flow pace lead lag scenario.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$80,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$80,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (WA012)

**Artichoke Raw Water Station**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | DPS - Water                  |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$225,000                    |
| Estimated Useful Life:         | 25 years                     |

**Description and Justification:**

Replace check valve assemblies to include isolation valves. Replace magna drive motors and controls, install conventional VFD motors to increase efficiency.

(Scope of project may change based on RFP Water Supply Protection/Resiliency Master Plan).

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$112,500        |
| FY2023                         | \$112,500        |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$225,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (WA013)

**Bartlett Pond Pump Station**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | DPS - Water                  |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 3 - Medium                   |
| FY2021-FY2025 Project Cost:    | \$40,000                     |
| Estimated Useful Life:         | 25 Years                     |

**Description and Justification:**

New VFD, add analytical instrumentation and replace doorway and insulate roof. Existing control panel only has one VFD (station has two pumps), instrumentation will allow operator to maximize treatment process.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$40,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$40,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (WA014)

**Water Storage Tanks/Cleaning Mixers**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | DPS - Water                  |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$50,000                     |
| Estimated Useful Life:         | 5 Years                      |

**Description and Justification:**

Water Storage Tanks are required to be cleaned and inspected on a 3 to 5 year time frame per DEP. Active mixers improve water quality and have been shown to mitigate DBP's. (TTHM & HAA5) **Scope of work includes both storage tanks.**

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$50,000        |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$50,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SW001)

**Purchase of Ten Wheel Dump Truck**

|                                |                      |
|--------------------------------|----------------------|
| Department:                    | DPS - Sewer          |
| Category:                      | Vehicles/Equipment   |
| Request Type (New/Prior Year): | Prior Year           |
| Priority:                      | 1 - Urgent/Very High |
| FY2021-FY2025 Project Cost:    | \$48,056             |
| 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 \$48,056.29/year was utilized rather than the one-time full purchase price. **Year 2021 Final Truck Payment**

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$48,056        |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$48,056</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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)

**WWTF and Sewer System Resiliency Plan**

|                                |               |
|--------------------------------|---------------|
| Department:                    | DPS - Sewer   |
| Category:                      | Miscellaneous |
| Request Type (New/Prior Year): | Prior Year    |
| Priority:                      | 2 - High      |
| FY2021-FY2025 Project Cost:    | \$1,800,000   |
| 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.

The Dewberry grant-funded resiliency study was completed in June 2019. Costs for FY21 will provide for deployable protection devices for doorways at the WWTF. Included in the FY21 estimated cost are funds needed to assess the sewer pumping stations and for feasibility and design phases.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$300,000          |
| FY2022                         | \$750,000          |
| FY2023                         | \$750,000          |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,800,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SW003)

**Aeration System Upgrade**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | DPS - Sewer                  |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$100,000                    |
| 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$100,000        |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$100,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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)

**Effluent Channel Coatings Repair**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Sewer    |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | New            |
| Priority:                      | 2 - High       |
| FY2021-FY2025 Project Cost:    | \$100,000      |
| Estimated Useful Life:         | 20 Years       |

**Description and Justification:**

This project will consist of rehabilitating and repair of effluent channel coatings. Replacement of FRP baffles and v-notch weirs.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$50,000         |
| FY2023                         | \$50,000         |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$100,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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)

**Sludge Handling Process Improvement**

|                                |                |
|--------------------------------|----------------|
| Department:                    | DPS - Sewer    |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | New            |
| Priority:                      | 2 - High       |
| FY2021-FY2025 Project Cost:    | \$1,600,000    |
| Estimated Useful Life:         | 20 Years       |

**Description and Justification:**

Project will consist of modifications and improvements to sludge thickening process at the WWTFF. Sludge thickening and separation of waste activated sludge and primary sludge was not addressed in the two phase facility upgrade in 2011 - 2012. The current scheme utilizes co-thickening (a very dated concept) which adversely affects the treatment process, causing plant upsets and effluent quality degradation. The first phase will be design and production of plans and specifications. The second phase will be bidding, procurement, construction and commissioning.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$100,000          |
| FY2023                         | \$1,500,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,600,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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)

**Sewer Dept. Utility Body**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | DPS - Sewer        |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 3 - Medium         |
| FY2021-FY2025 Project Cost:    | \$60,000           |
| Estimated Useful Life:         | 15 Years           |

**Description and Justification:**

Utility model truck with plow to replace twelve year old utility body truck that is past its useful life. Utility body model is required to transport & protect tools to perform sewer department related work.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$60,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$60,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SW007)

**Storey Ave Pump Station Rehabilitation**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | DPS - Water                  |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$1,100,000                  |
| Estimated Useful Life:         | 30 Years                     |

**Description and Justification:**

Built in 1977, the Storey Ave Wastewater Pump Station houses pumps and controls in a below-grade prefabricated metal chamber. An adjacent concrete structure serves as the station's wet well. The pumps and controls are past their useful life, and access for maintenance of pumps, controls and electrical equipment requires confined spaced entry. This creates a safety concern and requires increased efforts to conduct routine maintenance. The upgrades to the station include the abandonment of the existing prefabricated metal chamber, conversion of the wet well to a submersible wet well to house pumps and discharge piping. Installation of an at-grade pump control panel. This would allow much easier day-to-day operation of the station, eliminate the need for confined spaced entry, and extend the useful life of the station for another 30 years, while reusing the existing wet well and emergency Engine/Generator.

| Estimated Costs by Fiscal Year |                    |
|--------------------------------|--------------------|
| FY2021                         | \$0                |
| FY2022                         | \$100,000          |
| FY2023                         | \$1,000,000        |
| FY2024                         | \$0                |
| FY2025                         | \$0                |
| <b>Total Five-Year Cost</b>    | <b>\$1,100,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC001)

**NHS-Addition, Renovation & Roof Replacement**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 1 - Urgent/Very High         |
| FY2021-FY2025 Project Cost:    | \$14,000,000                 |
| 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 @ \$500/sq. ft. (\$5,000,000) = \$13,000,000. An allowance of \$1,000,000 for Building A roof replacement and other miscellaneous costs is included in the estimate below, for a total cost of \$14,000,000.

| Estimated Costs by Fiscal Year |                     |
|--------------------------------|---------------------|
| FY2021                         | \$0                 |
| FY2022                         | \$7,000,000         |
| FY2023                         | \$7,000,000         |
| FY2024                         | \$0                 |
| FY2025                         | \$0                 |
| <b>Total Five-Year Cost</b>    | <b>\$14,000,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>\$20,000</b> |
|---------------------------------|-----------------|

| 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 School Auditorium Plaster Repairs**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 4 - Low                      |
| FY2021-FY2025 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$100,000        |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$100,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC003)

**NHS-Exterior Woodwork Project**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 1 - Urgent/Very High         |
| FY2021-FY2025 Project Cost:    | \$127,000                    |
| 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. Phase s 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 restored the cupola in the summer of 2019. A CPA grant in the amount of \$84,000 has been approved for Phase 4 of the project which includes woodwork and copper repairs and replacement on the cornices on the east and west wings. The total cost of \$127,000 includes an estimate of \$115,000 for construction (including a 10% contingency) and \$12,000 for architectural and engineering fees, leaving us with an estimated shortfall of \$43,000. The project will go out to bid in late March with bids due back by mid to late April. Phase 4 is the final phase of this project.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$127,000        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$127,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC004)

**NHS-Exterior Painting**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$90,000                     |
| Estimated Useful Life:         | 20 Years                     |

**Description and Justification:**

Now that we are coming to the end of the High School Exterior Woodwork Project a fixed annual allocation should be put in place to make minor repairs and repaint the exterior woodwork on a regular five-year rotation to protect the investment of almost \$1 million that has gone into restoring the exterior of the high school. A different section of the exterior would be scheduled for this work during each year in the rotation: Year 1-front facade; Year 2-east side; Year 3-courtyard; Year 4-west side; Year 5-cupola. Funding appropriated during the FY2021 process would be put to use during the summer of 2021, etc.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$25,000        |
| FY2023                         | \$20,000        |
| FY2024                         | \$25,000        |
| FY2025                         | \$20,000        |
| <b>Total Five-Year Cost</b>    | <b>\$90,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$35,000                     |
| 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 (air conditioning system) replacement or upgrade (energy savings project). So far in FY20 we have spent approximately \$20,000 on service calls for the chillers on the high school roof. They are at the end of their service life. Numerous water infiltration issues, including in the main electrical room, require the services of a forensic engineering firm to solve, and stones continue to fall out of the perimeter stone wall necessitating the plan of a structural engineer to evaluate and prioritize repairs.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$35,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$35,000</b> |

|                                 |                  |
|---------------------------------|------------------|
| <b>Operating Budget Impact:</b> | <b>-\$15,000</b> |
|---------------------------------|------------------|

| 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)

**NHS-Bleacher Seat Replacement**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | New                          |
| Priority:                      | 1 - Urgent/Very High         |
| FY2021-FY2025 Project Cost:    | \$24,750                     |
| Estimated Useful Life:         | 15 Years                     |

**Description and Justification:**

Remove and replace all seat modules on the three sections of bleachers in the high school gym. Current seats have proven to be brittle and easily cracked. Many currently have holes or cracks in them or have been removed for safety reasons. This project would replace a total of 732 seats, brackets, hardware and installation. The cost included disposal of the existing seats.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$24,750        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$24,750</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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-Furniture Replacement**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Schools            |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | Prior Year         |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$64,000           |
| 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 FY2021 this furniture will be over 18 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. We currently have no spare classroom chairs due to the rate at which they are breaking. This request of \$16,000/year will allow us to purchase approximately 8 classrooms worth of chairs each of those years.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$16,000        |
| FY2023                         | \$16,000        |
| FY2024                         | \$16,000        |
| FY2025                         | \$16,000        |
| <b>Total Five-Year Cost</b>    | <b>\$64,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC008)

**NHS-Energy Reduction Projects**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 2 - High                     |
| FY2021-FY2025 Project Cost:    | \$237,433                    |
| Estimated Useful Life:         | 20 Years                     |

**Description and Justification:**

This project includes:

- Controls for pumps to promote more efficient operation
- Demand controlled ventilation
- Phase 1 of a project to convert all remaining lighting in the school to LED

Green Community Grant funding (\$193,993) is being sought for this project, and utility rebates (\$33,440) will offset a portion of the cost. Newburyport is required to contribute a portion so the remaining \$10,000 will likely come from energy initiative funding.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$237,433        |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$237,433</b> |

|                                 |                  |
|---------------------------------|------------------|
| <b>Operating Budget Impact:</b> | <b>-\$14,460</b> |
|---------------------------------|------------------|

| 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 (SC009)

**Pick-Up Truck with Plow**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Schools            |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 3 - Medium         |
| FY2021-FY2025 Project Cost:    | \$43,800           |
| Estimated Useful Life:         | 13 Years           |

**Description and Justification:**

Ford F350 pickup truck with plow primarily for athletic field maintenance. This truck would replace an aging 2010 Ford as one of our plow trucks, but we would keep the 2010 for general use as well to eliminate issues that arise when maintenance crew members need to work at different locations. It should be noted that in addition to the three school buildings, at times we also do game prep work at Fuller Field, Cashman Park and Pepe Field at the Pioneer complex. Committing a vehicle to bring staff and equipment to those remote locations at times strands other maintenance staff without a vehicle to move from one school to another when the need arises.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$0             |
| FY2024                         | \$43,800        |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$43,800</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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)

**Toro Groundsmaster 3500-D**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Schools            |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | New                |
| Priority:                      | 2 - High           |
| FY2021-FY2025 Project Cost:    | \$35,720           |
| Estimated Useful Life:         | 10 Years           |

**Description and Justification:**

The Toro Groundsmaster 3500-D Lawnmower has a 72" cutting width which would allow us to mow the athletic fields and other areas 20% faster than we can currently. This leaves more time for other maintenance activities such as fertilizing, aerating, game preparation, weed whacking and a host of other tasks that fall to the Athletic Fields Groundskeeper. The mower decks can be moved out to the left or right which will allow the operator to "reach out" into areas that may be too wet or soft for the main machine. Each of the three mowing decks float independently of one another making this mower ideal for hilly areas such as the area beyond the outfield fence at Eaton field, the transition from the fire road up to the playing fields behind the middle school, and along the perimeter at Pettingell Park.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$35,720        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$35,720</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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-Walkway/Sidewalk Repairs and Repaving**

|                                |                |
|--------------------------------|----------------|
| Department:                    | Schools        |
| Category:                      | Infrastructure |
| Request Type (New/Prior Year): | Prior Year     |
| Priority:                      | 3 - Medium     |
| FY2021-FY2025 Project Cost:    | \$15,000       |
| Estimated Useful Life:         | 15 Years       |

**Description and Justification:**

This project continues our efforts to systematically repave the walkways on the Nock-Molin property. The next walkway on the list would be the sidewalk coming from Johnson Street onto the school property.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$15,000        |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$15,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

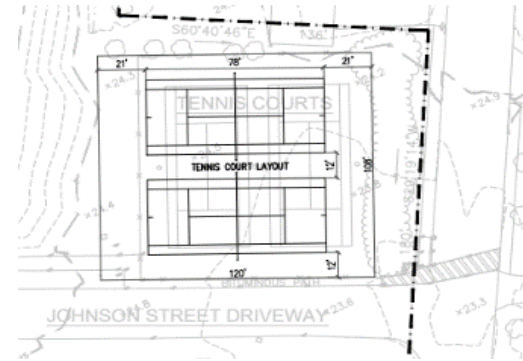
| Anticipated Funding Source(s) |                                 |
|-------------------------------|---------------------------------|
|                               | General Fund (Debt)             |
| X                             | General Fund (Pay As You Go)    |
|                               | 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 (SC012)

**Nock Molin-Tennis Court Renovation**

|                                |                             |
|--------------------------------|-----------------------------|
| Department:                    | Schools                     |
| Category:                      | Parks, Grounds & Open Space |
| Request Type (New/Prior Year): | Prior Year                  |
| Priority:                      | 4 - Low                     |
| FY2021-FY2025 Project Cost:    | \$200,000                   |
| Estimated Useful Life:         | 25 Years                    |

**Description and Justification:**

A group calling themselves The Friends of the Nock Tennis Courts is looking to spearhead a project to rehabilitate and expand the tennis courts. The purpose of the expansion is to provide regulation clearances around the courts, which can be achieved by turning the courts 90 degrees from their current orientation and expanding into the adjacent grass area. They have enlisted the services of a sports field designer to assist with the project, and have received a quote from a contractor that specializes in athletic facilities. The group is looking to raise funds through fundraising and soliciting donations.

| Estimated Costs by Fiscal Year |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$0              |
| FY2024                         | \$200,000        |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$200,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC013)

**Nock Molin-Furniture Replacement**

|                                |                    |
|--------------------------------|--------------------|
| Department:                    | Schools            |
| Category:                      | Vehicles/Equipment |
| Request Type (New/Prior Year): | Prior Year         |
| Priority:                      | 4 - Low            |
| FY2021-FY2025 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 |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$25,000        |
| FY2024                         | \$25,000        |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$50,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC014)

**Nock Molin-Gym & Auditorium Roof Replacement**

|                                |                              |
|--------------------------------|------------------------------|
| Department:                    | Schools                      |
| Category:                      | Facilities Renovation/Repair |
| Request Type (New/Prior Year): | Prior Year                   |
| Priority:                      | 4 - Low                      |
| FY2021-FY2025 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 close to 25 years old, which is nearing the end of their life expectancy. This project is included 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 |                  |
|--------------------------------|------------------|
| FY2021                         | \$0              |
| FY2022                         | \$0              |
| FY2023                         | \$662,265        |
| FY2024                         | \$0              |
| FY2025                         | \$0              |
| <b>Total Five-Year Cost</b>    | <b>\$662,265</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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 (SC015)

**NHS-Carpet Replacement**

|                                |                                     |
|--------------------------------|-------------------------------------|
| Department:                    | <b>Schools</b>                      |
| Category:                      | <b>Facilities Renovation/Repair</b> |
| Request Type (New/Prior Year): | <b>Prior Year</b>                   |
| Priority:                      | <b>4 - Low</b>                      |
| FY2021-FY2025 Project Cost:    | <b>\$50,000</b>                     |
| Estimated Useful Life:         | <b>20 Years</b>                     |

**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 FY2022 to begin an annual replacement program is a prudent measure to take.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$0             |
| FY2023                         | \$25,000        |
| FY2024                         | \$25,000        |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$50,000</b> |

|                                 |            |
|---------------------------------|------------|
| <b>Operating Budget Impact:</b> | <b>\$0</b> |
|---------------------------------|------------|

| 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                      |
| FY2021-FY2025 Project Cost:    | \$30,000                     |
| Estimated Useful Life:         | 30 Years                     |

**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.

\*Green Initiatives Funding would be an appropriate funding source for this project.

| Estimated Costs by Fiscal Year |                 |
|--------------------------------|-----------------|
| FY2021                         | \$0             |
| FY2022                         | \$30,000        |
| FY2023                         | \$0             |
| FY2024                         | \$0             |
| FY2025                         | \$0             |
| <b>Total Five-Year Cost</b>    | <b>\$30,000</b> |

|                                 |                 |
|---------------------------------|-----------------|
| <b>Operating Budget Impact:</b> | <b>-\$5,000</b> |
|---------------------------------|-----------------|

| 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.

**CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025**

**Appendix - Project List by Financing Method**

| Funding Source            | CIP # | Department             | Project Description                              | FY2021           | FY2022           | FY2023           | FY2024           | FY2025           |
|---------------------------|-------|------------------------|--|------------------|------------------|------------------|------------------|------------------|
| GF-Free Cash              | IT001 | Information Technology | IT Hardware                                      | \$26,000         | \$25,500         | \$28,000         | \$28,000         | \$28,000         |
| GF-Free Cash              | FD002 | Fire                   | Replace/Update Radio Equipment                   | \$0              | \$55,000         | \$55,000         | \$55,000         | \$0              |
| GF-Free Cash              | FD005 | Fire                   | SCBA Replacement                                 | \$60,000         | \$0              | \$0              | \$0              | \$0              |
| GF-Free Cash              | FD006 | Fire                   | Hose Replacements                                | \$0              | \$30,000         | \$0              | \$30,000         | \$0              |
| GF-Free Cash              | FD007 | Fire                   | Fire Data Control Systems                        | \$0              | \$125,000        | \$0              | \$0              | \$0              |
| GF-Free Cash              | PD001 | Police                 | Surveillance Camera Integration                  | \$0              | \$10,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PD002 | Police                 | Dispatch Center Renovation                       | \$0              | \$15,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PD003 | Police                 | Carpet Replacement                               | \$0              | \$0              | \$40,000         | \$0              | \$0              |
| GF-Free Cash              | PD004 | Police                 | Facility Weatherproofing                         | \$0              | \$30,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PD005 | Police                 | Radar Units                                      | \$0              | \$25,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PD006 | Police                 | Dive Team Equipment                              | \$0              | \$35,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PD007 | Police                 | Taser Replacement                                | \$0              | \$0              | \$0              | \$108,000        | \$0              |
| GF-Free Cash              | PD008 | Police                 | Records Room                                     | \$0              | \$20,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PK001 | Parks                  | Infield Groomer                                  | \$0              | \$15,000         | \$0              | \$0              | \$0              |
| GF-Free Cash              | PK002 | Parks                  | Cushing Park Lot Resurfacing                     | \$0              | \$0              | \$0              | \$0              | \$85,000         |
| GF-Free Cash              | PK007 | Parks                  | Mower Attachment Purchase                        | \$0              | \$0              | \$24,500         | \$0              | \$0              |
| GF-Free Cash              | LI003 | Library                | Boiler Replacement                               | \$0              | \$0              | \$0              | \$0              | \$40,000         |
| GF-Free Cash              | HW004 | DPS - Highway          | Downtown Equipment                               | \$0              | \$100,000        | \$0              | \$0              | \$0              |
| GF-Free Cash              | HW010 | DPS - Highway          | Purchase of Two 6 Wheel Dump Truck with Plow     | \$125,825        | \$0              | \$65,000         | \$130,000        | \$130,000        |
| GF-Free Cash              | SC002 | Schools                | NHS School Auditorium Plaster Repairs            | \$0              | \$0              | \$0              | \$50,000         | \$0              |
| GF-Free Cash              | SC006 | Schools                | NHS-Bleacher Seat Replacement                    | \$0              | \$24,750         | \$0              | \$0              | \$0              |
| GF-Free Cash              | SC009 | Schools                | Pick-Up Truck with Plow                          | \$0              | \$0              | \$0              | \$43,800         | \$0              |
| GF-Free Cash              | SC010 | Schools                | Toro Groundskeeper 3500-D                        | \$0              | \$35,720         | \$0              | \$0              | \$0              |
| GF-Free Cash              | SC011 | Schools                | Nock Molin-Walkway/Sidewalk Repairs and Repaving | \$0              | \$0              | \$15,000         | \$0              | \$0              |
| GF-Free Cash              | SC013 | Schools                | Nock Molin-Furniture Replacement                 | \$0              | \$0              | \$25,000         | \$25,000         | \$0              |
| <b>GF-Free Cash Total</b> |       |                        |  | <b>\$211,825</b> | <b>\$545,970</b> | <b>\$252,500</b> | <b>\$469,800</b> | <b>\$283,000</b> |
| GF-Op Budget              | FD001 | Fire                   | Command Vehicle                                  | \$0              | \$0              | \$21,826         | \$21,826         | \$21,826         |
| GF-Op Budget              | PD009 | Police                 | Cruiser/Vehicle Replacements                     | \$50,000         | \$75,000         | \$75,000         | \$75,000         | \$75,000         |
| GF-Op Budget              | HW006 | DPS - Highway          | Sidewalk Replacement/New Construction Program    | \$300,000        | \$300,000        | \$300,000        | \$300,000        | \$300,000        |
| GF-Op Budget              | HW013 | DPS - Highway          | Highway Dept. Loader                             | \$0              | \$0              | \$65,234         | \$65,234         | \$65,234         |
| GF-Op Budget              | SC004 | Schools                | NHS-Exterior Painting                            | \$0              | \$25,000         | \$20,000         | \$25,000         | \$20,000         |
| GF-Op Budget              | SC005 | Schools                | NHS-Engineering Services                         | \$0              | \$35,000         | \$0              | \$0              | \$0              |
| GF-Op Budget              | SC007 | Schools                | NHS-Furniture Replacement                        | \$0              | \$16,000         | \$16,000         | \$16,000         | \$16,000         |
| GF-Op Budget              | SC015 | Schools                | NHS-Carpet Replacement                           | \$0              | \$0              | \$25,000         | \$25,000         | \$0              |
| <b>GF-Op Budget Total</b> |       |                        |  | <b>\$350,000</b> | <b>\$451,000</b> | <b>\$523,060</b> | <b>\$528,060</b> | <b>\$498,060</b> |

**CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025**

| Funding Source         | CIP # | Department             | Project Description  | FY2021           | FY2022             | FY2023             | FY2024             | FY2025             |
|------------------------|-------|------------------------|--|------------------|--------------------|--------------------|--------------------|--------------------|
| GF-Debt                | FD003 | Fire                   | Replacement of Fire Station # 2                            | \$26,762         | \$543,289          | \$543,289          | \$543,289          | \$543,289          |
| GF-Debt                | FD004 | Fire                   | Renovation of NFD Headquarters Station                     | \$0              | \$0                | \$11,045           | \$11,045           | \$11,045           |
| GF-Debt                | PD001 | Police                 | Surveillance Camera Integration                            | \$0              | \$0                | \$87,500           | \$87,500           | \$87,500           |
| GF-Debt                | PD002 | Police                 | Dispatch Center Renovation                                 | \$0              | \$0                | \$24,852           | \$24,852           | \$24,852           |
| GF-Debt                | SU001 | Sustainability         | HVAC Improvements - City Hall                              | \$0              | \$0                | \$0                | \$11,966           | \$11,966           |
| GF-Debt                | PL003 | Planning & Development | Central Waterfront Bulkhead Phase II                       | \$0              | \$2,719            | \$85,558           | \$85,558           | \$85,558           |
| GF-Debt                | PL006 | Planning & Development | Newburyport Youth Services                                 | \$5,904          | \$119,626          | \$210,637          | \$210,637          | \$210,637          |
| GF-Debt                | PK014 | Parks                  | Parks Field Office   | \$0              | \$5,904            | \$5,904            | \$5,904            | \$5,904            |
| GF-Debt                | HW001 | DPS - Highway          | Parker Street/Scotland Road Culvert Replacement (Design)   | \$0              | \$0                | \$0                | \$11,218           | \$11,218           |
| GF-Debt                | HW005 | DPS - Highway          | Roadway Paving Improvement                                 | \$0              | \$82,835           | \$166,418          | \$250,752          | \$335,841          |
| GF-Debt                | HW006 | DPS - Highway          | Sidewalk Replacement/New Construction Program              | \$0              | \$16,905           | \$33,963           | \$51,174           | \$68,539           |
| GF-Debt                | HW007 | DPS - Highway          | Downtown Utility Upgrades (Design)                         | \$8,921          | \$8,921            | \$8,921            | \$8,921            | \$8,921            |
| GF-Debt                | HW008 | DPS - Highway          | Phillips Drive Roadwork and Drainage                       | \$53,523         | \$189,451          | \$327,517          | \$327,517          | \$327,517          |
| GF-Debt                | HW009 | DPS - Highway          | Plummer Spring Bridge Replacement                          | \$0              | \$33,982           | \$33,982           | \$33,982           | \$33,982           |
| GF-Debt                | SC001 | Schools                | NHS-Addition, Renovation & Roof Replacement                | \$0              | \$190,300          | \$383,591          | \$383,591          | \$383,591          |
| GF-Debt                | SC014 | Schools                | Nock Molin-Gym & Auditorium Roof Replacement               | \$0              | \$0                | \$18,287           | \$18,287           | \$18,287           |
| <b>GF-Debt Total</b>   |       |                        |  | <b>\$95,109</b>  | <b>\$1,193,932</b> | <b>\$1,941,464</b> | <b>\$2,066,192</b> | <b>\$2,168,646</b> |
| CPA-PAYGO              | PL004 | Planning & Development | Central Waterfront Park Expansion and Rail Trail Extension | \$0              | \$250,000          | \$250,000          | \$0                | \$0                |
| CPA-PAYGO              | PK002 | Parks                  | Cushing Park Lot Resurfacing                               | \$0              | \$0                | \$0                | \$0                | \$85,000           |
| CPA-PAYGO              | PK008 | Parks                  | Fuller North Field Irrigation System                       | \$0              | \$15,000           | \$0                | \$0                | \$0                |
| CPA-PAYGO              | PK010 | Parks                  | Atkinson Common Tennis Court Resurfacing                   | \$0              | \$0                | \$100,000          | \$0                | \$0                |
| CPA-PAYGO              | PK011 | Parks                  | Cashman Park Basketball Court Resurfacing                  | \$0              | \$0                | \$75,000           | \$0                | \$0                |
| CPA-PAYGO              | PK012 | Parks                  | Master Plan for Lower Atkinson Common                      | \$25,000         | \$0                | \$0                | \$0                | \$0                |
| CPA-PAYGO              | PK013 | Parks                  | Bartlet Mall Hist. Restoration – NW Corner Improvements    | \$100,000        | \$100,000          | \$0                | \$0                | \$0                |
| CPA-PAYGO              | LI001 | Library                | HVAC System Repair/Replacement - Archival Center           | \$126,000        | \$0                | \$0                | \$0                | \$0                |
| CPA-PAYGO              | LI002 | Library                | Front Steps/Retaining Wall Repair                          | \$0              | \$50,000           | \$0                | \$0                | \$0                |
| CPA-PAYGO              | WA005 | DPS - Water            | Watershed/Public Water Supply Protection                   | \$0              | \$225,000          | \$0                | \$0                | \$0                |
| CPA-PAYGO              | SC003 | Schools                | NHS-Exterior Woodwork Project                              | \$84,000         | \$0                | \$0                | \$0                | \$0                |
| <b>CPA-PAYGO Total</b> |       |                        |  | <b>\$335,000</b> | <b>\$640,000</b>   | <b>\$425,000</b>   | <b>\$0</b>         | <b>\$85,000</b>    |
| CPA-Debt               | SU001 | Sustainability         | HVAC Improvements - City Hall                              | \$0              | \$0                | \$0                | \$11,966           | \$11,966           |
| CPA-Debt               | PK002 | Parks                  | Cushing Park Lot Resurfacing                               | \$0              | \$0                | \$0                | \$0                | \$170,000          |
| CPA-Debt               | PK005 | Parks                  | Field Improvement - Fuller Complex                         | \$0              | \$58,203           | \$58,203           | \$58,203           | \$58,203           |
| <b>CPA-Debt Total</b>  |       |                        |  | <b>\$0</b>       | <b>\$58,203</b>    | <b>\$58,203</b>    | <b>\$70,168</b>    | <b>\$240,168</b>   |
| Grant/Other            | FD005 | Fire                   | SCBA Replacement   | \$340,000        | \$0                | \$0                | \$0                | \$0                |
| Grant/Other            | PD001 | Police                 | Surveillance Camera Integration                            | \$0              | \$0                | \$87,500           | \$0                | \$0                |
| Grant/Other            | SU001 | Sustainability         | HVAC Improvements - City Hall                              | \$0              | \$0                | \$0                | \$216,667          | \$0                |
| Grant/Other            | PL001 | Planning & Development | Riverfront Critical Gap Trail Project/WWTF Resiliency      | \$50,000         | \$1,700,000        | \$0                | \$0                | \$0                |

**CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025**

| Funding Source           | CIP # | Department             | Project Description  | FY2021             | FY2022             | FY2023             | FY2024             | FY2025             |
|--------------------------|-------|------------------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Grant/Other              | PL002 | Planning & Development | Clipper City Rail Trail Phase III                          | \$425,000          | \$0                | \$0                | \$0                | \$0                |
| Grant/Other              | PL003 | Planning & Development | Central Waterfront Bulkhead Phase II                       | \$0                | \$50,000           | \$1,500,000        | \$0                | \$0                |
| Grant/Other              | PL004 | Planning & Development | Central Waterfront Park Expansion and Rail Trail Extension | \$500,000          | \$750,000          | \$750,000          | \$0                | \$0                |
| Grant/Other              | PL005 | Planning & Development | Fish Pier Embayment Dredging                               | \$0                | \$0                | \$0                | \$50,000           | \$400,000          |
| Grant/Other              | PL006 | Planning & Development | Newburyport Youth Services                                 | \$0                | \$500,000          | \$500,000          | \$0                | \$0                |
| Grant/Other              | PK003 | Parks                  | Joppa Park Improvement Project                             | \$300,083          | \$0                | \$0                | \$0                | \$0                |
| Grant/Other              | PK008 | Parks                  | Fuller North Field Irrigation System                       | \$0                | \$15,000           | \$0                | \$0                | \$0                |
| Grant/Other              | PK010 | Parks                  | Atkinson Common Tennis Court Resurfacing                   | \$0                | \$0                | \$100,000          | \$0                | \$0                |
| Grant/Other              | PK011 | Parks                  | Cashman Park Basketball Court Resurfacing                  | \$0                | \$0                | \$75,000           | \$0                | \$0                |
| Grant/Other              | PK013 | Parks                  | Bartlet Mall Hist. Restoration – NW Corner Improvements    | \$92,915           | \$313,354          | \$0                | \$0                | \$0                |
| Grant/Other              | PK014 | Parks                  | Parks Field Office   | \$0                | \$250,000          | \$0                | \$0                | \$0                |
| Grant/Other              | LI002 | Library                | Front Steps/Retaining Wall Repair                          | \$0                | \$50,000           | \$0                | \$0                | \$0                |
| Grant/Other              | LI003 | Library                | Boiler Replacement   | \$0                | \$0                | \$0                | \$0                | \$40,000           |
| Grant/Other              | YS001 | Youth Services         | Kelleher Basketball Court                                  | \$0                | \$0                | \$30,000           | \$0                | \$0                |
| Grant/Other              | HW004 | DPS - Highway          | Downtown Equipment   | \$0                | \$100,000          | \$0                | \$0                | \$0                |
| Grant/Other              | HW005 | DPS - Highway          | Roadway Paving Improvement                                 | \$2,561,000        | \$520,000          | \$520,000          | \$520,000          | \$520,000          |
| Grant/Other              | HW009 | DPS - Highway          | Plummer Spring Bridge Replacement                          | \$0                | \$1,500,000        | \$0                | \$0                | \$0                |
| Grant/Other              | HW014 | DPS - Highway          | Hale Street Sidewalk and Pedestrian Access (Design)        | \$0                | \$125,000          | \$0                | \$0                | \$0                |
| Grant/Other              | HW015 | DPS - Highway          | Tire Machine   | \$10,000           | \$0                | \$0                | \$0                | \$0                |
| Grant/Other              | HW016 | DPS - Highway          | Fuel Delivery System                                       | \$10,000           | \$0                | \$0                | \$0                | \$0                |
| Grant/Other              | WA003 | DPS - Water            | Meter Replacement Project (Water/Sewer)                    | \$150,000          | \$150,000          | \$133,812          | \$0                | \$0                |
| Grant/Other              | WA004 | DPS - Water            | Lower Artichoke Reservoir Dam Improvement                  | \$0                | \$150,000          | \$0                | \$0                | \$0                |
| Grant/Other              | WA005 | DPS - Water            | Watershed/Public Water Supply Protection                   | \$0                | \$150,000          | \$500,000          | \$0                | \$0                |
| Grant/Other              | WA008 | DPS - Water            | Replace Water Supply Line to Route 113                     | \$0                | \$0                | \$0                | \$0                | \$3,900,000        |
| Grant/Other              | WA012 | DPS - Water            | Artichoke Raw Water Station                                | \$0                | \$56,250           | \$56,250           | \$0                | \$0                |
| Grant/Other              | SC001 | Schools                | NHS-Addition, Renovation & Roof Replacement                | \$0                | \$3,500,000        | \$3,500,000        | \$0                | \$0                |
| Grant/Other              | SC002 | Schools                | NHS School Auditorium Plaster Repairs                      | \$0                | \$0                | \$0                | \$50,000           | \$0                |
| Grant/Other              | SC003 | Schools                | NHS-Exterior Woodwork Project                              | \$43,000           | \$0                | \$0                | \$0                | \$0                |
| Grant/Other              | SC008 | Schools                | NHS-Energy Reduction Projects                              | \$237,433          | \$0                | \$0                | \$0                | \$0                |
| Grant/Other              | SC012 | Schools                | Nock Molin-Tennis Court Renovation                         | \$0                | \$0                | \$0                | \$200,000          | \$0                |
| Grant/Other              | SC014 | Schools                | Nock Molin-Gym & Auditorium Roof Replacement               | \$0                | \$0                | \$331,133          | \$0                | \$0                |
| Grant/Other              | SC016 | Schools                | NHS-Ground Floor Vestibules                                | \$0                | \$30,000           | \$0                | \$0                | \$0                |
| <b>Grant/Other Total</b> |       |                        |  | <b>\$4,719,432</b> | <b>\$9,909,604</b> | <b>\$8,083,695</b> | <b>\$1,036,667</b> | <b>\$4,860,000</b> |
| Water-R/E                | HW015 | DPS - Highway          | Tire Machine   | \$5,000            | \$0                | \$0                | \$0                | \$0                |
| Water-R/E                | HW016 | DPS - Highway          | Fuel Delivery System                                       | \$5,000            | \$0                | \$0                | \$0                | \$0                |
| Water-R/E                | WA001 | DPS - Water            | Water Main Replacement                                     | \$0                | \$0                | \$0                | \$175,000          | \$400,000          |
| Water-R/E                | WA003 | DPS - Water            | Meter Replacement Project (Water/Sewer)                    | \$0                | \$0                | \$8,094            | \$350,000          | \$0                |



**CAPITAL IMPROVEMENT PROGRAM: FY2021-FY2025**

| Funding Source                | CIP # | Department             | Project Description                       | FY2021             | FY2022              | FY2023              | FY2024             | FY2025             |
|-------------------------------|-------|------------------------|---|--------------------|---------------------|---------------------|--------------------|--------------------|
| Water-R/E                     | WA004 | DPS - Water            | Lower Artichoke Reservoir Dam Improvement | \$0                | \$150,000           | \$0                 | \$0                | \$0                |
| Water-R/E                     | WA007 | DPS - Water            | New Hypochlorite Day Tank System          | \$0                | \$0                 | \$25,000            | \$0                | \$0                |
| Water-R/E                     | WA010 | DPS - Water            | Water Dept. Utility Body                  | \$0                | \$60,000            | \$0                 | \$0                | \$0                |
| Water-R/E                     | WA011 | DPS - Water            | Plum Island Chlorine Booster Station      | \$0                | \$0                 | \$800,000           | \$0                | \$0                |
| Water-R/E                     | WA012 | DPS - Water            | Artichoke Raw Water Station               | \$0                | \$56,250            | \$56,250            | \$0                | \$0                |
| Water-R/E                     | WA013 | DPS - Water            | Bartlett Pond Pump Station                | \$0                | \$0                 | \$40,000            | \$0                | \$0                |
| Water-R/E                     | WA014 | DPS - Water            | Water Storage Tanks/Cleaning Mixers       | \$50,000           | \$0                 | \$0                 | \$0                | \$0                |
| <b>Water-R/E Total</b>        |       |                        |   | <b>\$60,000</b>    | <b>\$266,250</b>    | <b>\$929,344</b>    | <b>\$525,000</b>   | <b>\$400,000</b>   |
| Sewer-R/E                     | HW015 | DPS - Highway          | Tire Machine                              | \$5,000            | \$0                 | \$0                 | \$0                | \$0                |
| Sewer-R/E                     | HW016 | DPS - Highway          | Fuel Delivery System                      | \$5,000            | \$0                 | \$0                 | \$0                | \$0                |
| Sewer-R/E                     | WA003 | DPS - Water            | Meter Replacement Project (Water/Sewer)   | \$0                | \$0                 | \$8,094             | \$350,000          | \$0                |
| Sewer-R/E                     | SW002 | DPS - Sewer            | WWTF and Sewer System Resiliency Plan     | \$300,000          | \$0                 | \$0                 | \$0                | \$0                |
| Sewer-R/E                     | SW003 | DPS - Sewer            | Aeration System Upgrade                   | \$0                | \$100,000           | \$0                 | \$0                | \$0                |
| Sewer-R/E                     | SW004 | DPS - Sewer            | Effluent Channel Coatings Repair          | \$0                | \$50,000            | \$50,000            | \$0                | \$0                |
| Sewer-R/E                     | SW006 | DPS - Sewer            | Sewer Dept. Utility Body                  | \$0                | \$60,000            | \$0                 | \$0                | \$0                |
| <b>Sewer-R/E Total</b>        |       |                        |   | <b>\$310,000</b>   | <b>\$210,000</b>    | <b>\$58,094</b>     | <b>\$350,000</b>   | <b>\$0</b>         |
| <b>Harbor-R/E Total</b>       |       |                        |   | <b>\$0</b>         | <b>\$0</b>          | <b>\$0</b>          | <b>\$0</b>         | <b>\$0</b>         |
| Water-Debt                    | HW007 | DPS - Highway          | Downtown Utility Upgrades (Design)        | \$8,921            | \$8,921             | \$8,921             | \$8,921            | \$8,921            |
| Water-Debt                    | WA005 | DPS - Water            | Watershed/Public Water Supply Protection  | \$0                | \$0                 | \$27,613            | \$27,613           | \$27,613           |
| Water-Debt                    | WA008 | DPS - Water            | Replace Water Supply Line to Route 113    | \$0                | \$0                 | \$0                 | \$0                | \$222,127          |
| <b>Water-Debt Total</b>       |       |                        |   | <b>\$8,921</b>     | <b>\$8,921</b>      | <b>\$36,534</b>     | <b>\$36,534</b>    | <b>\$258,661</b>   |
| Sewer-Debt                    | HW007 | DPS - Highway          | Downtown Utility Upgrades (Design)        | \$8,921            | \$8,921             | \$8,921             | \$8,921            | \$8,921            |
| Sewer-Debt                    | SW007 | DPS - Water            | Storey Ave Pump Station Rehabilitation    | \$0                | \$5,437             | \$60,663            | \$60,663           | \$60,663           |
| Sewer-Debt                    | SW005 | DPS - Sewer            | Sludge Handling Process Improvement       | \$0                | \$6,878             | \$111,229           | \$111,229          | \$111,229          |
| <b>Sewer-Debt Total</b>       |       |                        |   | <b>\$8,921</b>     | <b>\$21,236</b>     | <b>\$180,813</b>    | <b>\$180,813</b>   | <b>\$180,813</b>   |
| Harbor-Debt                   | PL005 | Planning & Development | Fish Pier Embayment Dredging              | \$0                | \$0                 | \$0                 | \$0                | \$21,348           |
| <b>Harbor-Debt Total</b>      |       |                        |   | <b>\$0</b>         | <b>\$0</b>          | <b>\$0</b>          | <b>\$0</b>         | <b>\$21,348</b>    |
| Water-Op Budget               | WA001 | DPS - Water            | Water Main Replacement                    | \$100,000          | \$100,000           | \$100,000           | \$100,000          | \$100,000          |
| Water-Op Budget               | WA002 | DPS - Water            | Purchase of Six Wheel Dump Truck          | \$0                | \$58,300            | \$58,300            | \$58,300           | \$0                |
| Water-Op Budget               | WA009 | DPS - Water            | Water Dept Backhoe                        | \$0                | \$0                 | \$40,000            | \$40,000           | \$40,000           |
| <b>Water-Op Budget Total</b>  |       |                        |   | <b>\$100,000</b>   | <b>\$158,300</b>    | <b>\$198,300</b>    | <b>\$198,300</b>   | <b>\$140,000</b>   |
| Sewer-Op Budget               | SW001 | DPS - Sewer            | Purchase of Ten Wheel Dump Truck          | \$48,056           | \$0                 | \$0                 | \$0                | \$0                |
| <b>Sewer-Op Budget Total</b>  |       |                        |   | <b>\$48,056</b>    | <b>\$0</b>          | <b>\$0</b>          | <b>\$0</b>         | <b>\$0</b>         |
| <b>Harbor-Op Budget Total</b> |       |                        |   | <b>\$0</b>         | <b>\$0</b>          | <b>\$0</b>          | <b>\$0</b>         | <b>\$0</b>         |
| <b>Grand Total</b>            |       |                        |   | <b>\$6,247,263</b> | <b>\$13,463,415</b> | <b>\$12,687,006</b> | <b>\$5,461,534</b> | <b>\$9,135,696</b> |