



Capital Improvement Program

Fiscal Years 2016-2020

Donna D. Holaday, Mayor



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I. Executive Summary

Dear President & Members of the City Council:

I am pleased to submit herewith the proposed Fiscal Years 2016-2020 Capital Improvement Program (CIP). All projects listed under FY2016 have been, or are expected to be, funded through various means during this current fiscal year. All projects listed under FY2017 through FY2020 will require funding through a combination of sources. As you are aware, I have placed significant emphasis on the importance of developing an organized and coordinated CIP for the City. The planned acquisition of capital associated with an annual appropriation to fund capital improvements needs to become an integral component of the annual operating budget moving forward. While we have incrementally begun to incorporate this approach into some departmental budgets, there is still progress to be made in accounting for ongoing capital needs in the operating budget.

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. As you will see, the City seeks to fund more projects using available funds, such as Free Cash and Retained Earnings, rather than issuing debt.

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 FY2016 through FY2020. Significant time has been spent on developing a realistic funding schedule within the confines of the City's financial resources.

I have deliberately included fully funded projects and acquisitions from FY2020 in this CIP to reflect the progress that has been made during the current 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.

Free Cash Policy

Working with our Finance Team, I have developed a Free Cash Policy that 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 December 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 FY2016-2020 CIP is based on the following budgetary assumptions. The City will:

- Continue to build cash reserves, setting a minimum threshold Free Cash balance of \$500,000 or 1% of the tax levy, whichever is greater;
- Continue to conservatively estimate New Growth;
- Not use funds from General Stabilization for ordinary capital improvements;
- Continue to actively pursue State and Federal funding opportunities and leverage an annual allotment of Community Preservation Act funds; and
- Continue to fund a grant writer to assist in securing outside funding to subsidize particular projects and infrastructure investments.

Overview of the CIP

The CIP includes projects with a five year total estimated cost of \$74,620,153. The projects are divided into five main categories, as shown in the table and graph on the following page.

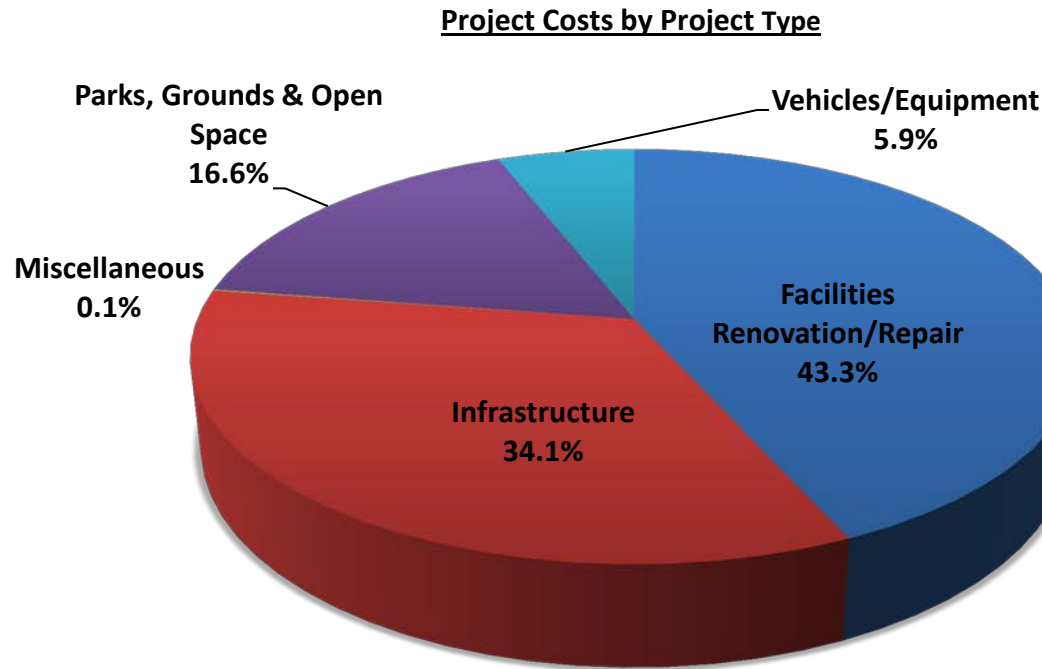
The graph on the page following illustrates that 43.3% of spending is for facilities renovation and repair. A significant portion of this spending is for the Parking Garage/Intermodal Facility Project, with an estimated project cost of \$11.1 million. Additional projects include the Transient Boaters & Harbormaster Facility and DPS Administration Building. The CIP also identifies and anticipates significant investment in existing City buildings, such as renovations to the two fire stations, roof replacements, numerous updates to the High School, carpet replacements, and updates to the public address system at City Hall, among others.

Investments in infrastructure represent 34.1% of the total spending included in the CIP. Infrastructure is the core of any CIP and Newburyport continues to budget capital investments in the City's water and sewer systems, roadways and sidewalks as part of the operating budget. In the past several years, sidewalk improvements have been a priority. The City has made historic investments in our sidewalks since we began earmarking 50% of meals tax revenue for their repair. The City will continue to invest a minimum of \$250,000 in sidewalks and \$500,000 in roadway improvements. Additionally, through existing enterprise funds, the City will continue to invest in infrastructure improvements, including \$2.7 million in water infrastructure improvements and \$12.4 million in sewer infrastructure projects over the next five years.

Another important area for the City is our parks, grounds, and open space, which comprises 16.6% of total spending in the CIP. Partially funded by a \$1.7 million debt exclusion, a major investment has been made in athletic field improvements at the High

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School stadium, Fuller Track Complex, Nock diamond and multi-use playing fields, and Cherry Hill soccer fields. Additional important investments include the Inn Street Fountain Restoration and Splash Pad project, restoring the Bartlett Mall Frog Pond and continued work on expanding and completing the City's rail trail.



Funding the CIP

The City's lack of dedicated annual funding sources for most capital improvements has made a coordinated approach to capital planning very difficult. Despite this fact, the City has been able to maintain a strong financial position by leveraging State and Federal funds, CPC funds, and strong Free Cash and Retained Earning balances to fund many capital improvements and purchases. This has limited the City's need to borrow to fund smaller capital improvements. The funding philosophy behind the CIP was to

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continue to fund and invest in capital without drastically increasing the debt burden. For FY2016, ordinary and excluded debt comprises approximately 6.1% of the General Fund budget.

Below is a summary of anticipated project costs for fiscal years 2016 through 2020:

Project Costs by Department

Estimated Project Costs by Fiscal Year						
Department	FY2016	FY2017	FY2018	FY2019	FY2020	Five-Year Total
Fire	-	100,000	6,435,000	3,050,000	2,625,000	12,210,000
Police	102,500	57,300	55,000	54,000	-	268,800
Parks	4,900,231	1,293,008	1,020,000	1,100,000	-	8,313,239
Planning & Development	574,485	16,652,730	190,000	275,000	125,000	17,817,215
Information Technology	146,500	488,500	58,500	58,500	58,500	810,500
Human Resources	-	20,000	5,000	-	-	25,000
Library	-	28,000	26,000	-	-	54,000
DPS - Highway	1,221,222	2,305,000	1,557,000	1,939,000	889,100	7,911,322
Schools	342,000	1,451,709	910,459	380,336	898,295	3,982,799
Total General Fund	\$7,286,938	\$22,396,247	\$10,256,959	\$6,856,836	\$4,595,895	\$51,392,875
Harbormaster	350,000	1,200,000	-	-	-	1,550,000
DPS - Sewer	2,843,000	9,845,000	180,000	3,490,000	100,000	16,458,000
DPS - Water	2,129,243	1,515,000	525,000	525,000	525,035	5,219,278
Total Enterprise Funds	\$5,322,243	\$12,560,000	\$705,000	\$4,015,000	\$625,035	\$23,227,278
Total Capital Improvements	\$12,609,181	\$34,956,247	\$10,961,959	\$10,871,836	\$5,220,930	\$74,620,153

Conclusion

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

Respectfully submitted,

Donna D. Holaday, Mayor

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II. FY 2016-2020 CIP Summary

CIP #	Page	Department	Project Description	FY2016	FY2017	FY2018	FY2019	FY2020	Five-Year Total
FD001	13	Fire	Rechassis Forestry Pumper	\$0	\$50,000	\$0	\$0	\$0	\$50,000
FD002	14	Fire	Replace/Update Radio Equipment	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
FD004	15	Fire	Replacement Aerial Ladder Fire Truck	\$0	\$0	\$1,100,000	\$0	\$0	\$1,100,000
FD005	16	Fire	Type III Ambulance	\$0	\$0	\$185,000	\$0	\$0	\$185,000
FD006	17	Fire	Replacement of Fire Station # 2	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000
FD007	18	Fire	Architectural Study and Design for Fire Station	\$0	\$0	\$100,000	\$0	\$0	\$100,000
FD008	19	Fire	Renovation of NFD Headquarters Station	\$0	\$0	\$0	\$3,000,000	\$0	\$3,000,000
FD009	20	Fire	Plum Island Fire Station	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000
FD010	21	Fire	Renovation of Engine 3	\$0	\$0	\$0	\$0	\$75,000	\$75,000
		Fire Total		\$0	\$100,000	\$6,435,000	\$3,050,000	\$2,625,000	\$12,210,000
PD001	22	Police	Laptops and Software for Police Cruisers	\$80,000	\$0	\$0	\$0	\$0	\$80,000
PD003	23	Police	Radar Units	\$0	\$12,300	\$0	\$0	\$0	\$12,300
PD004	24	Police	Garage Doors	\$0	\$0	\$25,000	\$0	\$0	\$25,000
PD005	25	Police	Hvac Units	\$0	\$0	\$30,000	\$0	\$0	\$30,000
PD006	26	Police	Facility Weatherproofing	\$0	\$0	\$0	\$25,000	\$0	\$25,000
PD007	27	Police	Carpet Replacement	\$0	\$0	\$0	\$29,000	\$0	\$29,000
PD010	28	Police	Special Operations Vehicle	\$0	\$45,000	\$0	\$0	\$0	\$45,000
PD011	29	Police	Tasers	\$22,500	\$0	\$0	\$0	\$0	\$22,500
		Police Total		\$102,500	\$57,300	\$55,000	\$54,000	\$0	\$268,800
LI001	30	Library	Carpet Replacement	\$0	\$28,000	\$26,000	\$0	\$0	\$54,000
		Library Total		\$0	\$28,000	\$26,000	\$0	\$0	\$54,000
SC001	31	Schools	Bresnahan Fence between Playground and Wooded Area	\$0	\$25,000	\$0	\$0	\$0	\$25,000
SC002	32	Schools	Nock-Parking Lot Repairs and Repaving	\$0	\$300,000	\$0	\$0	\$0	\$300,000
SC003	33	Schools	Nock-Walkway/Sidewalk Repairs and Repaving	\$0	\$15,000	\$15,000	\$15,000	\$15,000	\$60,000
SC004	34	Schools	Nock-Tennis Court Renovation	\$0	\$0	\$50,000	\$0	\$0	\$50,000
SC005	35	Schools	Nock-Gym & Auditorium Roof Replacement	\$0	\$0	\$0	\$0	\$662,295	\$662,295
SC006	36	Schools	Nock-Elevator Controls Modernization	\$0	\$140,000	\$0	\$0	\$0	\$140,000
SC007	37	Schools	Nock-Custodial Equipment Replacement	\$0	\$0	\$10,000	\$0	\$0	\$10,000
SC008	38	Schools	Nock-Furniture Replacement	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
SC009	39	Schools	High School Roof Replacement	\$0	\$364,782	\$375,325	\$0	\$0	\$740,107
SC010	40	Schools	High School Auditorium Plaster Repairs	\$0	\$0	\$100,000	\$0	\$0	\$100,000
SC011	41	Schools	High School Auditorium Technology Upgrades	\$0	\$207,000	\$0	\$0	\$0	\$207,000
SC012	42	Schools	High School Security Upgrades	\$342,000	\$0	\$0	\$0	\$0	\$342,000

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CIP #	Page	Department	Project Description	FY2016	FY2017	FY2018	FY2019	FY2020	Five-Year Total
SC013	43	Schools	High School Exterior Woodwork Project	\$0	\$182,406	\$160,134	\$95,336	\$0	\$437,876
SC014	44	Schools	High School Boiler #2 Interior Brickwork	\$0	\$12,000	\$0	\$0	\$0	\$12,000
SC015	45	Schools	High School Fire Alarm Panel Replacement	\$0	\$60,000	\$0	\$0	\$0	\$60,000
SC016	46	Schools	High School Masonry Repairs	\$0	\$0	\$0	\$150,000	\$141,000	\$291,000
SC017	47	Schools	High School-Concrete/Sidewalk Repairs	\$0	\$15,000	\$10,000	\$10,000	\$10,000	\$45,000
SC018	48	Schools	High School-Front Walkway Extension	\$0	\$15,000	\$0	\$0	\$0	\$15,000
SC019	49	Schools	High School-Ventilation Improvements to Mechanical Space	\$0	\$15,000	\$0	\$0	\$0	\$15,000
SC020	50	Schools	High School Perimeter Stone Wall Repairs	\$0	\$0	\$0	\$65,000	\$0	\$65,000
SC021	51	Schools	High School Additional Parking Spaces and Curbing	\$0	\$0	\$150,000	\$0	\$0	\$150,000
SC022	52	Schools	High School Repairs to East Wheelchair Ramp at Main Entry	\$0	\$0	\$15,000	\$0	\$0	\$15,000
SC023	53	Schools	High School Furniture Replacement	\$0	\$0	\$0	\$20,000	\$20,000	\$40,000
SC024	54	Schools	High School Carpet Replacement	\$0	\$0	\$0	\$0	\$25,000	\$25,000
SC025	55	Schools	Pickup Truck with Plow and Utility Body	\$0	\$50,521	\$0	\$0	\$0	\$50,521
SC026	56	Schools	High School Ground Floor Vestibules	\$0	\$25,000	\$0	\$0	\$0	\$25,000
		Schools Total		\$342,000	\$1,451,709	\$910,459	\$380,336	\$898,295	\$3,982,799
IT001	57	Information Technology	IT Hardware	\$146,500	\$88,500	\$58,500	\$58,500	\$58,500	\$410,500
IT002	58	Information Technology	Municipal Fiber Network	\$0	\$400,000	\$0	\$0	\$0	\$400,000
		Information Technology Total		\$146,500	\$488,500	\$58,500	\$58,500	\$58,500	\$810,500
HR001	59	Human Resources	Document Scanning and Retention of Payroll and Personnel Files	\$0	\$20,000	\$5,000	\$0	\$0	\$25,000
		Human Resources Total		\$0	\$20,000	\$5,000	\$0	\$0	\$25,000
PL001	60	Planning & Development	Clipper City Rail Trail Phase II - Construction Phase	\$25,000	\$100,000	\$65,000	\$150,000	\$0	\$340,000
PL002	61	Planning & Development	Intermodal Structured Parking Facility	\$0	\$11,052,730	\$0	\$0	\$0	\$11,052,730
PL003	62	Planning & Development	Central Waterfront Bulkhead Phase II	\$0	\$2,750,000	\$0	\$0	\$0	\$2,750,000
PL004	63	Planning & Development	Central Waterfront Rail Trail Extension/Park Expansion	\$0	\$2,750,000	\$0	\$0	\$0	\$2,750,000
PL005	64	Planning & Development	Rt 1 Traffic Circle Redevelopment - Pedestrian & Bicycle Access	\$0	\$0	\$125,000	\$125,000	\$125,000	\$375,000
PL006	65	Planning & Development	Inn Street Fountain Restoration and Splash Pad Project	\$549,485	\$0	\$0	\$0	\$0	\$549,485
		Planning & Development Total		\$574,485	\$16,652,730	\$190,000	\$275,000	\$125,000	\$17,817,215
PK001	66	Parks	High School Athletic Field Renovation Project	\$2,957,440	\$0	\$0	\$0	\$0	\$2,957,440
PK002	67	Parks	Bartlet Mall Frog Pond Restoration	\$75,000	\$0	\$0	\$0	\$0	\$75,000
PK003	68	Parks	Atwood Park Improvement Project	\$59,011	\$32,008	\$0	\$0	\$0	\$91,019
PK004	69	Parks	Cushing Park Improvement Project	\$0	\$28,000	\$70,000	\$100,000	\$0	\$198,000
PK005	70	Parks	Joppa Park Improvement Project	\$44,463	\$15,000	\$300,000	\$0	\$0	\$359,463
PK006	71	Parks	Inn Street Site Amenities	\$30,000	\$20,000	\$0	\$0	\$0	\$50,000
PK007	72	Parks	Field Improvement- Construction Projects - Cherry Hill	\$674,243	\$0	\$0	\$0	\$0	\$674,243
PK008	73	Parks	Field Improvement- Construction Projects - Nock Diamond	\$988,074	\$100,000	\$0	\$0	\$0	\$1,088,074
PK009	74	Parks	Field Improvement- Construction Projects - Fuller Complex	\$72,000	\$1,098,000	\$650,000	\$1,000,000	\$0	\$2,820,000
		Parks Total		\$4,900,231	\$1,293,008	\$1,020,000	\$1,100,000	\$0	\$8,313,239

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CIP #	Page	Department	Project Description	FY2016	FY2017	FY2018	FY2019	FY2020	Five-Year Total
HW001	75	DPS - Highway	Parker Street/Scotland Road Culvert Replacement	\$0	\$0	\$0	\$900,000	\$0	\$900,000
HW002	76	DPS - Highway	Brown's Wharf Culvert Replacement Phase II	\$0	\$540,000	\$0	\$0	\$0	\$540,000
HW003	77	DPS - Highway	Water Front Trust Parking Lot Upgrades	\$80,000	\$0	\$0	\$0	\$0	\$80,000
HW004	78	DPS - Highway	Purchase of Front End Loader w/ Backhoe	\$180,000	\$0	\$0	\$0	\$0	\$180,000
HW005	79	DPS - Highway	Purchase of 6 wheel Dump Truck w/wing plow	\$0	\$175,000	\$0	\$0	\$0	\$175,000
HW006	80	DPS - Highway	Market Square Drainage Project (Phase1)	\$0	\$80,000	\$0	\$0	\$0	\$80,000
HW007	81	DPS - Highway	Purchase Van for Electrical Division	\$0	\$27,000	\$0	\$0	\$0	\$27,000
HW008	82	DPS - Highway	Purchase Biter Bucket for Front End Loader	\$18,000	\$0	\$0	\$0	\$0	\$18,000
HW009	83	DPS - Highway	DPS Facility - Oil Separator Replacement	\$17,000	\$0	\$0	\$0	\$0	\$17,000
HW010	84	DPS - Highway	City Hall Public Address System City Hall Auditorium	\$15,000	\$0	\$0	\$0	\$0	\$15,000
HW011	85	DPS - Highway	Tilton Street - Drainage upgrades	\$0	\$150,000	\$0	\$0	\$0	\$150,000
HW012	86	DPS - Highway	Purchase 3/4 Ton Pick-up Trucks with Plows	\$40,000	\$0	\$0	\$0	\$0	\$40,000
HW013	87	DPS - Highway	Malcolm Hoyt Rd (Engineering)	\$0	\$40,000	\$0	\$0	\$0	\$40,000
HW014	88	DPS - Highway	Purchase of 6 wheel Dump Truck w/plow	\$0	\$150,000	\$150,000	\$150,000	\$0	\$450,000
HW015	89	DPS - Highway	Purchase of Trackless Snow Blower	\$0	\$0	\$128,000	\$0	\$0	\$128,000
HW016	90	DPS - Highway	Purchase 1 1/2 Ton Diesel Dump Truck w/plow	\$0	\$75,000	\$0	\$0	\$0	\$75,000
HW017	91	DPS - Highway	East Boylston Street - Drainage Improvements	\$0	\$0	\$65,000	\$0	\$0	\$65,000
HW018	92	DPS - Highway	Noble Street @ Coombs Circle - Drainage Upgrades	\$0	\$65,000	\$0	\$0	\$100	\$65,100
HW019	93	DPS - Highway	Purchase 3/4 Gas Pick-up Truck with utility body and plow	\$0	\$0	\$50,000	\$0	\$0	\$50,000
HW020	94	DPS - Highway	Purchase 3/4 Gas Pick-up Truck w/plow	\$0	\$42,000	\$0	\$0	\$0	\$42,000
HW021	95	DPS - Highway	Purchase 3/4 Gas Pick-up Truck w/plow	\$0	\$42,000	\$0	\$0	\$0	\$42,000
HW022	96	DPS - Highway	Stonewall at Highland Cemetery - Repair	\$0	\$0	\$40,000	\$0	\$0	\$40,000
HW023	97	DPS - Highway	Ground Keeper / Landscaping Equipment	\$0	\$0	\$25,000	\$0	\$0	\$25,000
HW024	98	DPS - Highway	Coltin Street Flooding	\$0	\$0	\$25,000	\$0	\$0	\$25,000
HW025	99	DPS - Highway	Tree Spraying for Emerald Ash Borer	\$0	\$9,000	\$9,000	\$9,000	\$9,000	\$36,000
HW027	100	DPS - Highway	Roadway Paving Improvement	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
HW028	101	DPS - Highway	Sidewalk Replacement and New Construction Program	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
HW029	102	DPS - Highway	Purchase new Tree Truck / Bucket Truck	\$10,000	\$30,000	\$150,000	\$0	\$0	\$190,000
HW030	103	DPS - Highway	Purchase multipurpose tractor	\$0	\$0	\$35,000	\$0	\$0	\$35,000
HW031	104	DPS - Highway	DPS Facility - Roof Replacement	\$0	\$80,000	\$80,000	\$80,000	\$80,000	\$320,000
HW032	105	DPS - Highway	Purchase of Street Sweeper	\$61,222	\$0	\$0	\$0	\$0	\$61,222
		DPS - Highway Total		\$1,221,222	\$2,305,000	\$1,557,000	\$1,939,000	\$889,100	\$7,911,322

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CIP #	Page	Department	Project Description	FY2016	FY2017	FY2018	FY2019	FY2020	Five-Year Total
SW001	106	DPS - Sewer	Graf Road Lift Station	\$0	\$6,000,000	\$0	\$0	\$0	\$6,000,000
SW002	107	DPS - Sewer	Hale/Graf Force main replacement	\$2,500,000	\$0	\$0	\$0	\$0	\$2,500,000
SW003	108	DPS - Sewer	CCTV and cleaning sewer downtown	\$0	\$100,000	\$0	\$0	\$0	\$100,000
SW004	109	DPS - Sewer	West end easement	\$0	\$0	\$0	\$800,000	\$0	\$800,000
SW005	110	DPS - Sewer	Barton St/Barton Ct/ Alter Ct sewer replacement	\$0	\$0	\$80,000	\$500,000	\$0	\$580,000
SW006	111	DPS - Sewer	Design/Construct sewer Winter St/Dawes St/Turkey Hill/Madison	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
SW007	112	DPS - Sewer	Penn valley pumps	\$0	\$120,000	\$0	\$0	\$0	\$120,000
SW008	113	DPS - Sewer	New Crane Truck	\$0	\$75,000	\$0	\$0	\$0	\$75,000
SW009	114	DPS - Sewer	PLC and electrical panel	\$0	\$50,000	\$0	\$0	\$0	\$50,000
SW010	115	DPS - Sewer	Plum Island Alarm System	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000
SW011	116	DPS - Sewer	Bobcat Loader	\$0	\$0	\$0	\$90,000	\$0	\$90,000
SW012	117	DPS - Sewer	Wastewater Treatment Facility Odor Control Improvements	\$343,000	\$3,500,000	\$0	\$0	\$0	\$3,843,000
		DPS - Sewer Total		\$2,843,000	\$9,845,000	\$180,000	\$3,490,000	\$100,000	\$16,458,000
WA001	118	DPS - Water	DPS Water Main Replacement	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000	\$1,625,000
WA002	119	DPS - Water	DPS Meter Replacement Project	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
WA003	120	DPS - Water	Purchase of Ten Wheel Dump Truck	\$0	\$165,000	\$0	\$0	\$15	\$165,015
WA004	121	DPS - Water	Purchase of new Hot Top Roller	\$0	\$25,000	\$0	\$0	\$0	\$25,000
WA005	122	DPS - Water	RT.1 Water Main Project	\$0	\$550,000	\$0	\$0	\$0	\$550,000
WA006	123	DPS - Water	Purchase New Backhoe	\$0	\$130,000	\$0	\$0	\$0	\$130,000
WA007	124	DPS - Water	Purchase New Trench Box	\$0	\$45,000	\$0	\$0	\$0	\$45,000
WA008	125	DPS - Water	Purchase New Hydraulic Hammer	\$0	\$25,000	\$0	\$0	\$20	\$25,020
WA009	126	DPS - Water	#1 and #2 Well Cleaning & Rehabilitation	\$0	\$50,000	\$0	\$0	\$0	\$50,000
WA010	127	DPS - Water	DPS Administration Building	\$1,604,243	\$0	\$0	\$0	\$0	\$1,604,243
		DPS - Water Total		\$2,129,243	\$1,515,000	\$525,000	\$525,000	\$525,035	\$5,219,278
HM001	128	Harbormaster	Transient Boaters & Harbormaster Facility	\$350,000	\$1,200,000	\$0	\$0	\$0	\$1,550,000
		Harbormaster Total		\$350,000	\$1,200,000	\$0	\$0	\$0	\$1,550,000
Grand Total				\$12,609,181	\$34,956,247	\$10,961,959	\$10,871,836	\$5,220,930	\$74,620,153

III. Project Detail Sheets by Department

(following pages)

PROJECT DETAIL SHEET (FD001)

Rechassis Forestry Pumper

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$50,000
Estimated Useful Life:	15 Years

**Description and Justification:**

This vehicle is currently in service with an unreliable 6.0 diesel motor. It is underpowered and overloaded. The vehicle continues to be a maintenance problem. This project would rechassis the forestry pump and body. This vehicle was purchased new with grant funds.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$50,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD002)

Replace/Update Radio Equipment

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$200,000
Estimated Useful Life:	10 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$50,000
FY2018	\$50,000
FY2019	\$50,000
FY2020	\$50,000
Total Five-Year Cost	\$200,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD004)

Replacement Aerial Ladder Fire Truck

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$1,100,000
Estimated Useful Life:	10 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$1,100,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$1,100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD005)

Type III Ambulance

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$185,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The department is in need of an ambulance so that we may start our transporting, fire-based, BLS EMS service. This project will allow the department to run one Basic Life Support Ambulance for BLS level calls, eliminating the need for dual agency response to minor medical calls. This project allows the resulting revenue generated from the call to come back to the City. We will still retain Cataldo/Atlantic Ambulance service for our ALS runs and as a BLS backup. This project will add revenue to the general fund/fire department budget in revenue obtained from transported patients.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$185,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$185,000

Operating Budget Impact:	\$250,000
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD006)

Replacement of Fire Station # 2

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$5,000,000
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 direct violation of building and life safety codes and should be replaced as soon as possible. It is an unsafe, unsanitary and inappropriate place to house our personnel. It is imperative that the station remain in district 2 to insure appropriate response times and staffing. Renovation costs would be extensive and inappropriate, therefore a total replacement is requested.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$5,000,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$5,000,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD007)

Architectural Study and Design for Fire Station

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$100,000
Estimated Useful Life:	0 Years

**Description and Justification:**

This project would allow the NFD to hire an architect/engineer to study the space needs of the fire department, and to draw up plans and specifications for the replacement of station 2 and the renovation of our headquarters station. This will allow us to add accurate numbers to the CIP for planning purposes.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$100,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD008)

Renovation of NFD Headquarters Station

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$3,000,000
Estimated Useful Life:	50 Years

**Description and Justification:**

This project would allow for a complete renovation and addition to the NFD Headquarters station on Greenleaf Avenue. This building was built in 1978 and has had no 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, nor does it meet current life safety code. The building is extremely inefficient, lacks any office or meeting space, and has no training/conference room.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$3,000,000
FY2020	\$0
Total Five-Year Cost	\$3,000,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD009)

Plum Island Fire Station

Department:	Fire
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$2,500,000
Estimated Useful Life:	30 Years

**Description and Justification:**

This project would allow the City to erect a replacement fire station/emergency facility on Plum Island. There is currently no facility on Plum Island for our emergency services to utilize and this facility would allow for at least emergency staffing of a facility on the island that can be used as a station/shelter for fire, police, EMS and public services.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$2,500,000
Total Five-Year Cost	\$2,500,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (FD010)

Renovation of Engine 3

Department:	Fire
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$75,000
Estimated Useful Life:	100 Years

**Description and Justification:**

This project would allow for the restoration of the city's oldest fire engine. This truck, a 1938 Maxim fire engine, is still in use today as a parade/celebration/educational piece and is a celebrated part of Newburyport's history. It is 78 years old and it deserves to be restored so that future generations can enjoy this irreplaceable piece of history.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$75,000
Total Five-Year Cost	\$75,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD001)

Laptops and Software for Police Cruisers

Department:	Police
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$80,000
Estimated Useful Life:	10 Years

**Description and Justification:**

The Police Department has been without computers in its cruisers for approximately 2 ½ years. The need for these computers is urgent as they are an important tool for the officers to perform their duties safely and efficiently. The officers rely on these computers to get information from the Registry of Motor Vehicles (RMV) as well as (CJIS) Criminal Justice Information System. With the laptops and software in place, this information can be provided immediately to the officer while on the street, without any radio communication delay. The system also allows the officer to access the IMC system which is the department's records management system. With this free cash allocation, will purchase 10 Dell Latitude rugged extreme computer tablets with keyboards and all mounting gear, antennas and hardware to install the devices in 10 cruisers, plus all VMware and licenses needed for operation. The first year technical support is also included in our plan. This project is the most pressing need that the police department is facing. This technology will enhance safety and efficiency for our officers while performing their jobs.

Estimated Project Costs by Fiscal Year	
FY2016	\$80,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$80,000

Operating Budget Impact:	\$5,000
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD003)

Radar Units

Department:	Police
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$12,300
Estimated Useful Life:	10 Years

**Description and Justification:**

The radar units are part of the everyday equipment utilized by officers on the street in the performance of their duties. These units turn on at the beginning of the officers shift and are used throughout the shift. There are ten units in operation and have not been replaced in 10 years, each unit cost approximately \$2095. These units are calibrated every year by the state and must remain in compliance.

Will be able to purchase 6 new units

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$12,300
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$12,300

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD004)

Garage Doors

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	20 Years

**Description and Justification:**

Replace 3 garage doors and automatic door openers. The garage doors and automatic openers for the police station are 20 years old and are in need of replacement.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$25,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD005)

Hvac Units

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$30,000
Estimated Useful Life:	20 Years

**Description and Justification:**

The HVAC units for the police station are 20 years old and are starting to add up in maintenance costs. There are 2 units that need to be replaced.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$30,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$30,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD006)

Facility Weatherproofing

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$25,000
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, the last time this was done was 17 years ago.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$25,000
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD007)

Carpet Replacement

Department:	Police
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$29,000
Estimated Useful Life:	20 Years

**Description and Justification:**

The rugs in the police station are 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. The rugs are now going on 20 years old.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$29,000
FY2020	\$0
Total Five-Year Cost	\$29,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD010)

Special Operations Vehicle

Department:	Police
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$45,000
Estimated Useful Life:	10 Years

**Description and Justification:**

The department is in need of a special operations vehicle. This vehicle would be used as a utility vehicle. It would be equipped with crime scene investigation materials as well as hazardous materials equipment. The vehicle will also be used for our police training and dive team operations.

Lease-to-purchase pick up truck extended cab with a utility cap.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$45,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$45,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PD011)

Tasers

Department:	Police
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$22,500
Estimated Useful Life:	10 Years

**Description and Justification:**

Over the past few years, a number of officers have been injured or placed in situations that have resulted in hand-to-hand combat with suspects. Tasers have been being used by law enforcement since 1999. Data shows that Tasers can significantly decrease officer and suspect injuries. Tasers are generally accepted as safer than batons. In addition, agencies utilizing Tasers have seen significant reductions in lawsuits and litigations as a result of utilizing this equipment. This funding would allow for the purchase of seventeen tasers this coming year and another seventeen next year to fully outfit the Department. A grant application for the first year of funding is pending. Each officer having their own device will ensure that they have it when needed, will extend the life of the equipment, and will reduce breakage/damage/accountability.

Estimated Project Costs by Fiscal Year	
FY2016	\$22,500
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$22,500

Operating Budget Impact:	\$13,305
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (LI001)

Carpet Replacement

Department:	Library
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$54,000
Estimated Useful Life:	20 Years

**Description and Justification:**

All of the carpets installed during the 2001 building projects are now 15 years old. We have systematically replaced worn carpets over the last six years with Capital Improvement and other funds. Funding for the remaining carpet replacements (Children's Room, Archival Center and 2nd/3rd floor stack areas) has been sought since FY14-15. This two-year project would complete these carpet replacements. Year 1 - Children's Room and Archival Center ; Year 2 - 2nd/3rd floor stacks.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$28,000
FY2018	\$26,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$54,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC001)

Bresnahan Fence between Playground and Wooded Area

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	25 Years

**Description and Justification:**

A fence between the playground and the wooded area adjacent to it would serve to separate the children and their playground equipment from the wooded area which contains poison ivy, ticks and other possible dangers. This would be a 4' high vinyl-coated chain-link fence to match existing fencing in that area.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$25,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC002)

Nock-Parking Lot Repairs and Repaving

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$300,000
Estimated Useful Life:	25 Years

**Description and Justification:**

Parking lot is in extremely poor condition and needs a total replacement. Lighting is also poor in most areas of the parking lot and needs to be improved for safety reasons.

Estimated cost comes from estimates provided during the recent renovation project. This project was considered to be included as part of that project, but there was not sufficient budget to do so.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$300,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$300,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC003)

Nock-Walkway/Sidewalk Repairs and Repaving

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$60,000
Estimated Useful Life:	25 Years

**Description and Justification:**

The walkways (including the fire road) around the building are in poor condition in some areas. This project would take care of the most needed repairs first and anticipate moving to other areas until all walkways are in good condition.

Cost provided are budget numbers. Repairs would be prioritized to fit within the available budget each year.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$15,000
FY2018	\$15,000
FY2019	\$15,000
FY2020	\$15,000
Total Five-Year Cost	\$60,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC004)

Nock-Tennis Court Renovation

Department:	Schools
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$50,000
Estimated Useful Life:	25 Years

**Description and Justification:**

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

Estimated cost based on 12,650 square feet of paving at \$4.00/square foot.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$50,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC005)

Nock-Gym & Auditorium Roof Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$662,295
Estimated Useful Life:	25 Years

**Description and Justification:**

The gym and auditorium roofs are the only sections that have not been replaced during recent projects. They are currently in good condition, but are over 20 years old, which is nearing the end of their life expectancy. This project is included on this plan 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 and allowance to remove and reinstall the solar panels on the roof.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$662,295
Total Five-Year Cost	\$662,295

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC006)

Nock-Elevator Controls Modernization

Department:	Schools
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$140,000
Estimated Useful Life:	50 Years

**Description and Justification:**

The controls for the elevator are original to the 1972 construction of the elevator. They do not meet current codes and cannot be tied into the fire alarm system in the way that a modern elevator would. After a recent inspection, the state elevator inspector commented that the controller and hydraulic oil tank would need to be replaced in the near future due to age. Further discussions with an elevator professional brought up the point that replacement of the piston should be considered as well. This budget cost below is to replace the controller and hydraulic tank, call buttons and other hardware and the piston. It also includes an allowance for engineering.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$140,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$140,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC007)

Nock-Custodial Equipment Replacement

Department:	Schools
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$10,000
Estimated Useful Life:	15 Years

**Description and Justification:**

This project aims to replace aging floor maintenance equipment that is currently over 15 years of age.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$10,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$10,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC008)

Nock-Furniture Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$100,000
Estimated Useful Life:	20 Years



Description and Justification:

Much of the office and classroom furniture is old and or "hand me down" furniture 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 Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$25,000
FY2018	\$25,000
FY2019	\$25,000
FY2020	\$25,000
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC009)

High School Roof Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$740,107
Estimated Useful Life:	25 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$364,782
FY2018	\$375,325
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$740,107

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SC010)

High School Auditorium Plaster Repairs

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 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.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$100,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SC011)

High School Auditorium Technology Upgrades

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$207,000
Estimated Useful Life:	15 Years

**Description and Justification:**

Phase 1 of this project, a replacement of the stage and house lighting dimming systems was completed in the Fall of 2015 thanks to a grant from the NEF. Remaining work included upgrades to the Audio, Rigging and Stage Communication Systems. The existing systems were installed as part of the 1999-2002 NHS renovation and addition project and are no longer fully functional and are inadequate for current productions.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$207,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$207,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SC012)

High School Security Upgrades

Department:	Schools
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$342,000
Estimated Useful Life:	15 Years

**Description and Justification:**

This projects tightens up perimeter security through electronic access control and video intercom systems, and expands the video surveillance system throughout the building as well as on the grounds and parking areas to improve student safety and discourage vandalism, bullying and other undesirable behaviors.

Estimated Project Costs by Fiscal Year	
FY2016	\$342,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$342,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC013)

High School Exterior Woodwork Project

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$437,876
Estimated Useful Life:	25 Years

**Description and Justification:**

This ongoing project is rehabilitating the exterior woodwork on the 1937 portion of the high school. Phases 1 & 2 have been completed on the north-facing front side of the school. Phase 3 looks to restore the cupola and subsequent phases continue to work around the sides and back of the building. An application for a 2016 CPA grant has been submitted.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$182,406
FY2018	\$160,134
FY2019	\$95,336
FY2020	\$0
Total Five-Year Cost	\$437,876

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
X	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC014)

High School Boiler #2 Interior Brickwork

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$12,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The brick lining the inside of Boiler #2 is leaning away from the sidewalls of the boiler and needs to be replaced. If the brick gets to the point that it falls, the boiler will be unusable eliminating the redundancy in the heating system at the high school. This in turn could result in a closure of the school if an issue arose with Boiler #1 at the same time.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$12,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$12,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC015)

High School Fire Alarm Panel Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$60,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The existing fire alarm panel was installed as part of the building renovation/addition in 1999-2002. The panel contains a number of programming chips, some of which are faulty, causing false trouble signals on the panel. The manufacturer no longer supports this particular panel and these programming chips and other parts are not available.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$60,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$60,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC016)

High School Masonry Repairs

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$291,000
Estimated Useful Life:	20 Years

**Description and Justification:**

In the summer of 2012 we made repairs to the masonry at the front of the building to prevent the infiltration of water into the brick walls on the front terrace and the formation of efflorescence on that brick. This project would continue that work around both the east and west sides of the building. Allowing water to continue to penetrate will hasten the deterioration of those walls from the inside out.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$150,000
FY2020	\$141,000
Total Five-Year Cost	\$291,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SC017)

High School-Concrete/Sidewalk Repairs

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$45,000
Estimated Useful Life:	15 Years

**Description and Justification:**

Concrete sidewalks have deteriorated in many areas and need to be repaired in order to provide safe walking surfaces and to meet ADA requirements.

Cost for FY16 based on a quote from Caram & Sons. Costs for subsequent years are budget numbers for ongoing repairs.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$15,000
FY2018	\$10,000
FY2019	\$10,000
FY2020	\$10,000
Total Five-Year Cost	\$45,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC018)

High School-Front Walkway Extension

Department:	Schools
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$15,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The front walkway from the main entrance toward High Street ends abruptly. It has become obvious over the years due to the wear pattern that has developed in the grass that the walkway should be continued around the corner of the building to meet up with the sidewalk in that location. This will provide a safer more even path of travel than what is currently there.

Cost based on a quote from a contractor (Caram & Sons) and other similar work performed at the high school.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$15,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC019)

High School-Ventilation Improvements to Mechanical Space

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$15,000
Estimated Useful Life:	30 Years

**Description and Justification:**

The mechanical room for the HVAC unit that serves the library is immediately adjacent to Classroom 249. The door into this mechanical space is in the classroom. The mechanical space has no ventilation, and is an unfinished, old portion of the building. Odors from the mechanical room drift into the adjacent classroom creating an unpleasant environment for the teacher and students. A new exhaust fan would create a negative air balance, pulling air from the classroom and other surrounding areas, eliminating the problem with odors in the classroom.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$15,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC020)

High School Perimeter Stone Wall Repairs

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$65,000
Estimated Useful Life:	25 Years

**Description and Justification:**

The stone wall that surrounds the high school property along High Street, Toppan's Lane and between the Stadium and baseball field has had several stones fall out and needs to be repointed. Some sections have been repaired and repointed over the past 15 years, but the wall as a whole needs a comprehensive restoration.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$65,000
FY2020	\$0
Total Five-Year Cost	\$65,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC021)

High School Additional Parking Spaces and Curbing

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$150,000
Estimated Useful Life:	25 Years

**Description and Justification:**

Due to a lack of official parking spaces at the high school, many unofficial spaces along the edge of the driveway (on the grass) are currently being used by staff. This has caused the edges of the driveway to crack and crumble under the constant motion of vehicles. This project would pave those areas and provide curbing to protect the new edge of the driveway/parking area.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$150,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$150,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC022)

High School Repairs to East Wheelchair Ramp at Main Entry

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$15,000
Estimated Useful Life:	15 Years

**Description and Justification:**

In the summer of 2015 the west ramp at the front of the high school was replaced due to severe deterioration. During that process it was determined that a major contributing factor to that deterioration was the poor drainage underneath the ramp. This caused water to pool and damage the ramp from the bottom up. It is anticipated that the same condition exists under the east ramp and that it will eventually need to be torn out and replaced.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$15,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC023)

High School Furniture Replacement

Department:	Schools
Category:	Miscellaneous
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$40,000
Estimated Useful Life:	15 Years

**Description and Justification:**

Most of the furniture in the high school was purchased during the renovation/addition project in 2002. By FY2019 this furniture will be 17 years old. Some furniture is now showing signs of wearing out and other has been damaged or broken beyond repair.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$20,000
FY2020	\$20,000
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC024)

High School Carpet Replacement

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	20 Years

**Description and Justification:**

Carpets throughout the high school are all from the addition/renovation in 2002. Many areas are now showing signs of wear and tear. Targeting FY2020 to begin an annual replacement program is a prudent measure to take.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$25,000
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC025)

Pickup Truck with Plow and Utility Body

Department:	Schools
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$50,521
Estimated Useful Life:	15 Years

**Description and Justification:**

This vehicle will replace an existing van that is approximately 15 years old and will probably not pass inspection later this year. Replacing the van with a pickup truck will provide us with a second vehicle with a plow, which will allow the Maintenance Team to support the DPS' efforts to plow our parking lots and driveways. The utility body will allow us to carry an organized stock of parts and other supplies for efficiently servicing the maintenance needs of the three school buildings.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$50,521
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,521

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SC026)

High School Ground Floor Vestibules

Department:	Schools
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$25,000
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 and enormous amount of cold air is let into the building at these two entrances. Creating vestibules at both of these entrances will cut back on that situation, saving energy and keeping the interior of the building in that area more comfortable in both winter and summer.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$25,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (IT001)

IT Hardware

Department:	Information Technology
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$410,500
Estimated Useful Life:	4 Years

**Description and Justification:**

Ongoing Computer Equipment Maintenance and Renewal:
 2016 (30) Computers & (4) Primary Servers to be replaced
 2017 (60) Computers to be replaced + 2 multifunction psf + 4 HP Procurve Switches
 2018 (30) Computers to be replaced + 2 multifunction psf + 4 HP Procurve Switches
 2019 (30) Computers to be replaced + 2 multifunction psf + 4 HP Procurve Switches
 2020 (30) Computers to be replaced + 2 multifunction psf + 4 HP Procurve Switches

Estimated Project Costs by Fiscal Year	
FY2016	\$146,500
FY2017	\$88,500
FY2018	\$58,500
FY2019	\$58,500
FY2020	\$58,500
Total Five-Year Cost	\$410,500

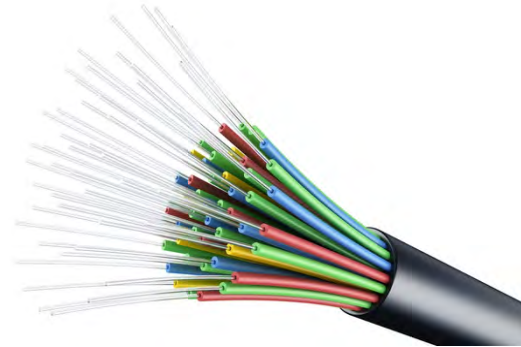
Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (IT002)

Municipal Fiber Network

Department:	Information Technology
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$400,000
Estimated Useful Life:	15-20 Years

**Description and Justification:**

The purpose of this project is to implement a city-wide fiber optic network that will support the City's full network requirements. This network will replace the existing network (which is not fiber optic) and upgrade the City's communications to a high-speed, fully redundant fiber network topology. The project will include design, engineering and installation of the fiber optic network that will support the City's Video Return Network requirements as well. This one-time capital project will make Newburyport's government more efficient, improve community safety, save taxpayer money, and make it easier for residents to interact and transact with local government. We estimate an annual maintenance cost of \$15K-20K.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$400,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$400,000

Operating Budget Impact:	\$15,000 to \$20,000
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (HR001)

Document Scanning and Retention of Payroll and Personnel Files

Department:	Human Resources
Category:	Miscellaneous
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	100 Years

**Description and Justification:**

There are dozens of boxes of old personnel and payroll records that need to be accessed for retirement and human resources purposes. We need to hire a vendor to scan and electronically catalog this information. This will help us to manage payroll records and personnel documents anywhere from 1 year until the end of time. Scanning solutions will help support the daily management of HR information, ensure greater security of personally identifiable information, increase staff efficiency and will also help us fulfill document retention requirements.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$20,000
FY2018	\$5,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (PL001)

Clipper City Rail Trail Phase II - Construction Phase

Department:	Planning & Development
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$340,000
Estimated Useful Life:	99 Years

**Description and Justification:**

Overall construction of the 1.5 mile Clipper City Rail Trail Phase II is funded by federal and state transportation funding with the requirement that the City provide construction administration services to meet MassDOT standards. In addition, the City is contractually responsible for "non-participating" costs of municipal standard catch basin sediment skirts. In addition, the City is responsible for enhancements including sculpture and plaques.

Additional funding is necessary for the final phases of this project. The City's investment in this project capitalizes on past expenditures and will leverage up to \$5.3 million in federal/state transportation funding. The City has negotiated an itemized scope of CA services at approximately \$175,000; non-participating costs are estimated at about \$15,000; itemized enhancements are estimated at \$150,000.

Estimated Project Costs by Fiscal Year	
FY2016	\$25,000
FY2017	\$100,000
FY2018	\$65,000
FY2019	\$150,000
FY2020	\$0
Total Five-Year Cost	\$340,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PL002)

Intermodal Structured Parking Facility

Department:	Planning & Development
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$11,052,730
Estimated Useful Life:	75 Years



Description and Justification:

This project is timely in that it will take advantage of \$7,000,000 in state and federal funds if construction can begin by December 31, 2016. This project has been designated as high priority by the Administration and time is of the essence. Creation of consolidated parking will allow the City to remove substantial surface parking from the central waterfront for park expansion.

Project costs have been provided by the MVRTA's consulting project managers, engineers and architects. All estimates are schematic at this early phase of plan development.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$11,052,730
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$11,052,730

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
X	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PL003)

Central Waterfront Bulkhead Phase II

Department:	Planning & Development
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$2,750,000
Estimated Useful Life:	25 Years

**Description and Justification:**

Phase I was completed in 2014 with available funding, 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 under water and weepholes enlarging above water, and the boardwalk will eventually be undermined if it is not repaired. The old steel piles have been patched but several have snapped. Plans and specifications have already been developed for Phase II.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$2,750,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$2,750,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PL004)

Central Waterfront Rail Trail Extension/Park Expansion

Department:	Planning & Development
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$2,750,000
Estimated Useful Life:	100 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$2,750,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$2,750,000

Operating Budget Impact:	\$19,000
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PL005)

Rt 1 Traffic Circle Redevelopment - Pedestrian & Bicycle Access

Department:	Planning & Development
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$375,000
Estimated Useful Life:	100 Years

**Description and Justification:**

The Route 1 Traffic Circle has long been a hazard to pedestrians and bicyclists and has effectively severed the connection between neighborhoods, businesses, services and amenities on either side. The City has envisioned creating a more walkable environment for many years. The anticipated development of Rail Trail segments on both sides as well as the residential transit-oriented-development at the commuter rail station is increasing the demand to reshape and improve the circulation in this significant Newburyport gateway area. Funding for final design of this project assumes completion of the schematic design phase with traffic analysis currently underway by MVPC in FY2016-2017.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$125,000
FY2019	\$125,000
FY2020	\$125,000
Total Five-Year Cost	\$375,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PL006)

Inn Street Fountain Restoration and Splash Pad Project

Department:	Planning & Development
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$549,485
Estimated Useful Life:	50 Years

**Description and Justification:**

The award-winning conversion of Inn Street to a brick, bluestone, and granite pedestrian corridor has been the heart of the downtown since the urban renewal process of a generation ago. However, the fountain and focal point for this plaza has been out of operation for several years. Excessive water usage and public concerns regarding water quality and child safety have lead to requests for a retrofit or redesign of this water feature. Newburyport's downtown has been the engine of our economy, and the Inn Street pedestrian corridor has been at the core of the downtown's attractiveness to both visitors and residents. This project will modify the existing fountain with improvements that significantly improve appearance and function.

Estimated Project Costs by Fiscal Year	
FY2016	\$549,485
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$549,485

Operating Budget Impact:	\$15,000
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
X	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK001)

High School Athletic Field Renovation Project

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$2,957,440
Estimated Useful Life:	Turf carpet replaced in 10 yrs/Facility 80+

**Description and Justification:**

Located behind the High School the World War Memorial Stadium was built around 1938-1939 with two reinforced concrete seating structures flanking a playing field. In 2003 the north side was closed to public use due to significant deterioration and concerns regarding trip hazards and user safety. This project addresses the issues with the north grandstand as well as the city's need for additional field space. The project revolves around removal of the north grandstand, installation of a raised viewing platform in its place, widening of the playing field to accommodate additional sports including lacrosse and soccer and installation of a synthetic turf field to increase the field's capacity.

Estimated Project Costs by Fiscal Year	
FY2016	\$2,957,440
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$2,957,440

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK002)

Bartlet Mall Frog Pond Restoration

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$75,000
Estimated Useful Life:	100 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$75,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$75,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK003)

Atwood Park Improvement Project

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$91,019
Estimated Useful Life:	50 Years

**Description and Justification:**

Atwood Park, located in Newburyport's South End between Atwood and School Streets is one of very few open spaces in close proximity to the residents of South End. An asphalt court area has fallen into serious disrepair and the park's lawn and other plantings need renovation. This project's mission is to provide residents with a more enjoyable place for recreation and attract more park users by improving the conditions of the park in the following ways: turning the asphalt court into a lawn with paver pathways and garden beds; repairing a damaged brick retaining wall around the central garden; replacing old chain link fencing; installing ornamental fencing along School Street; adding trees along the School St. side of the park; reconditioning existing turf for an improved lawn.

Estimated Project Costs by Fiscal Year	
FY2016	\$59,011
FY2017	\$32,008
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$91,019

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK004)

Cushing Park Improvement Project

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$198,000
Estimated Useful Life:	100 Years

**Description and Justification:**

What was once a lush, green open space known as Kent Street Common and dedicated as Cushing Park in the 1890s was transferred in the 1950s to serve as a parking lot for a nearby industry. The space has continued to be used as a municipal parking lot, primarily for parking during snow emergencies. A multi-year, public discussion between the City Council, the Mayor's office, Parks Commission and residents has grown into a more concrete plan to return a more park-like feel to the space while retaining its functionality as winter parking. A popular trend called "pop-up parks" has inspired the commission to look at adding moveable park amenities, which can create an outdoor gathering space during the warm season, and be removed in winter to allow for parking.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$28,000
FY2018	\$70,000
FY2019	\$100,000
FY2020	\$0
Total Five-Year Cost	\$198,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK005)

Joppa Park Improvement Project

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$359,463
Estimated Useful Life:	100 Years

**Description and Justification:**

Improving Joppa Park is a multi-year project to improve a high visibility, well used waterfront park. Many improvements have been made including adding a perennial hedge to protect the park, addition of eight new benches, renovation of the central garden and lawn, new water bubbler, new irrigation for plantings and lawn. The following additional improvements will make the park safe and attractive: addition of four historic interpretive panels, renovation of the boat ramp and parking area, replacement of the badly damaged and dangerous asphalt walkway along the sea wall with sand colored concrete.

Estimated Project Costs by Fiscal Year	
FY2016	\$44,463
FY2017	\$15,000
FY2018	\$300,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$359,463

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK006)

Inn Street Site Amenities

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$50,000
Estimated Useful Life:	50 Years

**Description and Justification:**

Renovations to Inn Street and the larger downtown area completed in the 1970s have contributed significantly to the appearance of our most prized public spaces, and have helped to protect the historic integrity of the area, in part through increased tourism and pedestrian visits. While Inn Street remains a bustling pedestrian mall, the fountain has become inoperable and site amenities and landscaping need improvement. Site amenities will include high-quality/low-height landscape fencing around trees and planting beds to protect plantings and lighting fixtures, install moveable site furniture and add trees and other plantings

Estimated Project Costs by Fiscal Year	
FY2016	\$30,000
FY2017	\$20,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK007)

Field Improvement- Construction Projects - Cherry Hill

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$674,243
Estimated Useful Life:	100 Years

**Description and Justification:**

In response to a need for additional athletic field space, the city is supporting an initiative by the Newburyport Youth Soccer Association to expand the facility they license at Cherry Hill in order to accommodate an additional full-size soccer field. The project includes: construction of a new full-size soccer field; improved traffic patterns; improved parking plan; clearing of overgrowth to address site security issues. \$325,000 of this project is being funded by NYSA. \$184,000 has been secured through CPA funding in 2013 and 2014. The city will apply to CPA in 2015 for the remaining balance.

Estimated Project Costs by Fiscal Year	
FY2016	\$674,243
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$674,243

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK008)

Field Improvement- Construction Projects - Nock Diamond

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$1,088,074
Estimated Useful Life:	100 Years

**Description and Justification:**

In response to a need for additional athletic field space, the city is constructing a full-size baseball diamond behind the Nock-Molin school and making much needed turf, drainage and irrigation improvements to make the fields safer and maximize their use potential.

Estimated Project Costs by Fiscal Year	
FY2016	\$988,074
FY2017	\$100,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$1,088,074

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (PK009)

Field Improvement- Construction Projects - Fuller Complex

Department:	Parks
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$2,820,000
Estimated Useful Life:	50 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$72,000
FY2017	\$1,098,000
FY2018	\$650,000
FY2019	\$1,000,000
FY2020	\$0
Total Five-Year Cost	\$2,820,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
X	CPA
X	Grant(s)

PROJECT DETAIL SHEET (HW001)

Parker Street/Scotland Road Culvert Replacement

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$900,000
Estimated Useful Life:	75 years



Photo by Benchmark Survey, October 7, 2010.

Description and Justification:

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

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$900,000
FY2020	\$0
Total Five-Year Cost	\$900,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (HW002)

Brown's Wharf Culvert Replacement Phase II

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$540,000
Estimated Useful Life:	100 years

**Description and Justification:**

Replacement of existing brick drainage culvert that runs beneath the Brown's Wharf Building. The existing culvert is structurally deficient and a collapse will undermine the building. \$90k for design, \$450k for construction

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$540,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$540,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (HW003)

Water Front Trust Parking Lot Upgrades

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$80,000
Estimated Useful Life:	15 Years

**Description and Justification:**

Following the culvert replacement project at Brown's Wharf last summer, a temporary binder was placed on the lot to secure the area for the winter. Final pavement must now be completed. In addition, the Waterfront Trust has designed and will be funding a portion of a reconfiguration of the lot (including lighting) with some funding from DPS for final paving. These improvements to the lot will make the area more secure and aesthetically pleasing.

Estimated Project Costs by Fiscal Year	
FY2016	\$80,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$80,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW004)

Purchase of Front End Loader w/ Backhoe

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$180,000
Estimated Useful Life:	15 years

**Description and Justification:**

This purchase will replace a 1997 Case Backhoe which has surpassed its life expectancy and has been taken out of service this fiscal year. Now that this piece of equipment has been taken out of service, DPS is left with one backhoe for all repairs that need to be done within the City. This equipment is used for all construction purposes as well as tree work, loading salt, plowing streets and parking lots.

Estimated Project Costs by Fiscal Year	
FY2016	\$180,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$180,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW005)

Purchase of 6 wheel Dump Truck w/wing plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$175,000
Estimated Useful Life:	15 years

**Description and Justification:**

To Replace 1969 Snow Fighter FWD truck that is used as a last resort. Truck has inadequate safety equipment for passengers and difficult if not impossible to find replacement parts for.

Highway Department has not used this vehicle so far this winter due to its poor condition.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$175,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$175,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW006)

Market Square Drainage Project (Phase1)

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$80,000
Estimated Useful Life:	30 years



Description and Justification:

Roadway Flooding in Markey Square at the intersection of State Street. First phase bypass plan would install a walkway on Ferry Wharf which would be installed at street grade and would allow a bypass for the rain water in Market Square to flow into the NRA parking lot behind Market Square.

Flooding will continue in this area until the all the draining is evaluated and a new drainage infrastructure system is designed and built. This project will reduce the amount of flooding, but not eliminate it. A full scale drainage improvement project in Market Square may cost \$3,000,000 to \$5,000,000.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$80,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$80,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW007)

Purchase Van for Electrical Division

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$27,000
Estimated Useful Life:	10 years

**Description and Justification:**

We are currently reimbursing the City Electrician for vehicle use at a cost of over \$7,000 a year. This position requires daily site visits around the city and have a vehicle that meet all this positions needs would be beneficial to this position. The money saving of purchasing this vehicle over reimbursing an employee would pay for the vehicle in year 5 of ownership.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$27,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$27,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW008)

Purchase Biter Bucket for Front End Loader

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$18,000
Estimated Useful Life:	10 years

**Description and Justification:**

Claw Bucket for front end loader out of service due to damage to equipment. Not having a claw on this loader requires the crew to use a different type of equipment no made for such work

Estimated Project Costs by Fiscal Year	
FY2016	\$18,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$18,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW009)

DPS Facility - Oil Separator Replacement

Department:	DPS - Highway
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$17,000
Estimated Useful Life:	25 years

**Description and Justification:**

DEP requirement. This unit captures run-off of liquid in the DPS highway garage. The current tank is 20 plus years old and we recently received a warning letter from DEP during a random inspection.

\$5,000 can be paid by Water and Sewer Divisions reducing the free cash need to \$12,000

Estimated Project Costs by Fiscal Year	
FY2016	\$17,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$17,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW010)

City Hall Public Address System City Hall Auditorium

Department:	DPS - Highway
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$15,000
Estimated Useful Life:	10 Years

**Description and Justification:**

Upgrade the current antiquated system which does not function properly any longer.

Estimated Project Costs by Fiscal Year	
FY2016	\$15,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$15,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW011)

Tilton Street - Drainage upgrades

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$150,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Resident flooding occurring many times a year. New drainage structures and piping is required to eliminate this flooding.

This cost include engineering design and construction. The design will include the construction of drainage structures, conduit and a possible water storage tank.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$150,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$150,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW012)

Purchase 3/4 Ton Pick-up Trucks with Plows

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$40,000
Estimated Useful Life:	10 Years

**Description and Justification:**

This vehicle will replace a 2001 Ford pickup truck that has high mileage and frame issues. The vehicle has passed its life expectancy and will be not pass the next yearly Mass State vehicle inspection according to our vehicle maintenance crew.

Estimated Project Costs by Fiscal Year	
FY2016	\$40,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW013)

Malcolm Hoyt Rd (Engineering)

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$40,000
Estimated Useful Life:	1 Years

**Description and Justification:**

Roadway flooding causing roadway to deteriorate.

This will fund the engineering design of the roadway.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$40,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW014)

Purchase of 6 wheel Dump Truck w/plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$450,000
Estimated Useful Life:	15 Years

**Description and Justification:**

These trucks will replace a two 1999 and one 2000 Mack six wheel dump trucks with plows. These are front line truck used to haul materials to and from job sites.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$150,000
FY2018	\$150,000
FY2019	\$150,000
FY2020	\$0
Total Five-Year Cost	\$450,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW015)

Purchase of Trackless Snow Blower

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$128,000
Estimated Useful Life:	12 Years

**Description and Justification:**

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

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$128,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$128,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW016)

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

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$75,000
Estimated Useful Life:	10 Years



Description and Justification:

This truck will replace truck #12 which is a 2001 Chevy C3500. This truck is in very poor condition.

This truck is in very poor condition and may be taken off roadway shortly

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$75,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$75,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW017)

East Boylston Street - Drainage Improvements

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$65,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Roadway Flooding at middle and bottom of street. Roadway needs to be regarged and pitched toward end of the roadway.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$65,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$65,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW018)

Noble Street @ Coombs Circle - Drainage Upgrades

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$65,100
Estimated Useful Life:	0 Years

**Description and Justification:**

Roadway flooding during most rain events. Upgrade would require additional and existing catch basins be connected to the existing drainage system on Ferry Rd.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$65,000
FY2018	\$0
FY2019	\$0
FY2020	\$100
Total Five-Year Cost	\$65,100

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW019)

Purchase 3/4 Gas Pick-up Truck with utility body and plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$50,000
Estimated Useful Life:	10 Years

**Description and Justification:**

This truck will replace truck #7 which is a 2003 Ford used by the pavement marking, sign and carpentry crew

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$50,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW020)

Purchase 3/4 Gas Pick-up Truck w/plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$42,000
Estimated Useful Life:	10 Years

**Description and Justification:**

This truck will replace truck #18 which is taken off the roadway last year due to its poor condition.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$42,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$42,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW021)

Purchase 3/4 Gas Pick-up Truck w/plow

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$42,000
Estimated Useful Life:	10 Years

**Description and Justification:**

This truck will replace Truck 8 which is a 2001 Ford.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$42,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$42,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW022)

Stonewall at Highland Cemetery - Repair

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$40,000
Estimated Useful Life:	100 Years

**Description and Justification:**

This wall is in need of significant masonry repair and replacement work and replacement of 100 feet of the most significantly deteriorated section of the wall.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$40,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$40,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
X	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW023)

Ground Keeper / Landscaping Equipment

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	5 Years

**Description and Justification:**

Purchase of three stand-behind mowers

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$25,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW024)

Coltin Street Flooding

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Homes of Coltin Drive flood due to rain water on Low Street flowing behind homes in the area near #127 Low Street. Proposal would install curbing and catch basin on Low Street

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$25,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW025)

Tree Spraying for Emerald Ash Borer

Department:	DPS - Highway
Category:	Parks, Grounds & Open Space
Request Type (New/Prior Year):	New
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$36,000
Estimated Useful Life:	7 Years

**Description and Justification:**

This is a seven year spraying problem to eliminate EAB from Ash Trees. Failure to spray for this insect may result in the removal of infected trees over the next few years

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$9,000
FY2018	\$9,000
FY2019	\$9,000
FY2020	\$9,000
Total Five-Year Cost	\$36,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW027)

Roadway Paving Improvement

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$2,500,000
Estimated Useful Life:	30 Years

**Description and Justification:**

We current receive over \$500,000 a year for roadway and sidewalk construction citywide from Chapter 90. These funds are not adequate to maintain the roadway network to the extent needed to keep a well maintained roadway system.

Estimated Project Costs by Fiscal Year	
FY2016	\$500,000
FY2017	\$500,000
FY2018	\$500,000
FY2019	\$500,000
FY2020	\$500,000
Total Five-Year Cost	\$2,500,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (HW028)

Sidewalk Replacement and New Construction Program

Department:	DPS - Highway
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$1,500,000
Estimated Useful Life:	30 Years

**Description and Justification:**

We current receive over \$500,000 a year for roadway and sidewalk construction citywide from Chapter 90. These funds are not adequate to maintain the poor network of sidewalks citywide.

Estimated Project Costs by Fiscal Year	
FY2016	\$300,000
FY2017	\$300,000
FY2018	\$300,000
FY2019	\$300,000
FY2020	\$300,000
Total Five-Year Cost	\$1,500,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (HW029)

Purchase new Tree Truck / Bucket Truck

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	4 - Low
FY2016-FY2020 Project Cost:	\$190,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The current Tree Truck is a 1999 international that requires extensive repairs and certifications cost each year due to its age. Until replaced, annual repairs are needed in order meet MassDOT certification requirements.

Estimated Project Costs by Fiscal Year	
FY2016	\$10,000
FY2017	\$30,000
FY2018	\$150,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$190,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW030)

Purchase multipurpose tractor

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$35,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The vehicle would replace a Truck 24 a 1995 John Deere 855 tractor used for mowing and snow clearance on sidewalks.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$35,000
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$35,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW031)

DPS Facility - Roof Replacement

Department:	DPS - Highway
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$320,000
Estimated Useful Life:	25 Years

**Description and Justification:**

The current roof is starting to fail and will need to be replaced in the next few years.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$80,000
FY2018	\$80,000
FY2019	\$80,000
FY2020	\$80,000
Total Five-Year Cost	\$320,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HW032)

Purchase of Street Sweeper

Department:	DPS - Highway
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$61,222
Estimated Useful Life:	10 Years

**Description and Justification:**

The City replaced the existing 2003 Elgin Pelican street sweeper. The Department now has 2 sweepers to clean the entire City between early March and late November. New stormwater regulations from the state require that the City sweep at least twice a year. The FY16 cost represents the last payment on a three-year lease to own arrangement.

Estimated Project Costs by Fiscal Year	
FY2016	\$61,222
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$61,222

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
X	Tax Levy
	Debt
	Enterprise Receipts
	Stabilization
X	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW001)

Graf Road Lift Station

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$6,000,000
Estimated Useful Life:	50 Years

**Description and Justification:**

Built in 1988 the current station at capacity, operator safety issues, etc. Graf Rd station pumps roughly 200-400 thousand gallons per day it is the biggest station in Newburyport and needs to be replaced.

Graf Lift Station is the largest lift station in Newburyport. The lift station is at capacity and must be upgraded to be able to adequately handle current and additional development projects in the Business and Industry Park and Route 1 Traffic Circle.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$6,000,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$6,000,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SW002)

Hale/Graf Force main replacement

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$2,500,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Current force main is Asbestos out of round. If the force main was to fail, the flow would be a challenge to stop. The main was installed in 1977 and has reached it life. The design is completed and ready for the bidding process FY2016

Estimated Project Costs by Fiscal Year	
FY2016	\$2,500,000
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$2,500,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW003)

CCTV and cleaning sewer downtown

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$100,000
Estimated Useful Life:	1 Years

**Description and Justification:**

The downtown sewer was cleaned was in the early 90's, with the amount of flow and debris flowing through downtown pipe, CCTV and cleaning of this area is a priority.

An evaluation was preformed and a report was generated on December 8, 2015 regarding the condition of the downtown sewer. Findings are three issues need to be addressed, this could be very costly, however, it is recommend to clean and CCTV inspect downtown before any decision's are made. Area of proposed work RT1 bridge to WWTF.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$100,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$100,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SW004)

West end easement

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$800,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Currently the sewer department has no access to the Gravity and Force sewer main's in this area. This area is abutting the City's drinking supply. After access road is constructed, CCTV and evaluation is needed for all structures. The gravity sewer is 1980 LF, and force main is 985 LF, with 10 manhole structures.

The location of the sewer main's are in the woods in this area and tree root is very present, both force main and gravity may need to be replaced, dependent on the CCTV study.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$800,000
FY2020	\$0
Total Five-Year Cost	\$800,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SW005)

Barton St/Barton Ct/ Alter Ct sewer replacement

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	3 - Medium
FY2016-FY2020 Project Cost:	\$580,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Barton St 700LF 6" clay/Barton Ct 100LF 6" clay/ Alter Ct 100LF 6" clay, sewers are in need of replacement, all three streets are clay line that have reached the life expectancy. All to be replaced with 8" PVC

Barton Ct and Alter Ct also both have negative pitch causing sewer issues.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$80,000
FY2019	\$500,000
FY2020	\$0
Total Five-Year Cost	\$580,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SW006)

Design/Construct sewer Winter St/Dawes St/Turkey Hill/Madison

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$2,000,000
Estimated Useful Life:	100 Years

**Description and Justification:**

Turkey hill sewer is 3,000 LF Asbestos 15" line in need of replacement. Dawes St is 900LF of 6"clay in need of replacement, and Winter 720LF 12" clay, Madison St 1,000LF of 6"clay. All to be replaced with PVC.

FY 19 design . Construction FY20/21

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	
FY2018	\$0
FY2019	\$2,000,000
FY2020	\$0
Total Five-Year Cost	\$2,000,000

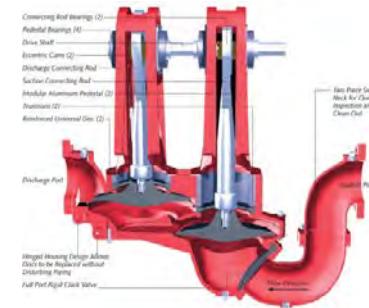
Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (SW007)

Penn valley pumps

Department:	DPS - Sewer
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$120,000
Estimated Useful Life:	5 Years

**Description and Justification:**

Need to replace three Penn pumps at the WWTF. These pumps are used for waste pumping, moving sludge, etc.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$120,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$120,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW008)

New Crane Truck

Department:	DPS - Sewer
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$75,000
Estimated Useful Life:	10 Years

**Description and Justification:**

The current Crane truck is used daily to pull pumps and other mechanical equipment when needed.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$75,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$75,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW009)

PLC and electrical panel

Department:	DPS - Sewer
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	New
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$50,000
Estimated Useful Life:	20 Years

**Description and Justification:**

Hale Street lift station electrical panel and PLC is original and was installed in 1977, the equipment is out of date and needs to be replaced.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$50,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW010)

Plum Island Alarm System

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$300,000
Estimated Useful Life:	15 Years



Description and Justification:

The alarm system would help operators find and repair issues on the island in a timely manner, the alarm would eliminate manually walking up and down the streets looking and listening for leaks.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$100,000
FY2019	\$100,000
FY2020	\$100,000
Total Five-Year Cost	\$300,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW011)

Bobcat Loader

Department:	DPS - Sewer
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$90,000
Estimated Useful Life:	15 Years

**Description and Justification:**

The New Bobcat would replace aging 1996 Bobcat.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$0
FY2018	\$0
FY2019	\$90,000
FY2020	\$0
Total Five-Year Cost	\$90,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (SW012)

Wastewater Treatment Facility Odor Control Improvements

Department:	DPS - Sewer
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$3,843,000
Estimated Useful Life:	30 Years

**Description and Justification:**

Install odor control systems at WWTF. Design is currently underway and completed project is estimated.

Estimated Project Costs by Fiscal Year	
FY2016	\$343,000
FY2017	\$3,500,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$3,843,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (WA001)

DPS Water Main Replacement

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$1,625,000
Estimated Useful Life:	100 Years

**Description and Justification:**

The Water Division continues with its goal of making improvements to the aging water distribution infrastructure. In order to achieve this goal, 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.

This will be used to replace aging water infrastructure that is beyond it's life expectancy.

Estimated Project Costs by Fiscal Year	
FY2016	\$325,000
FY2017	\$325,000
FY2018	\$325,000
FY2019	\$325,000
FY2020	\$325,000
Total Five-Year Cost	\$1,625,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA002)

DPS Meter Replacement Project

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$1,000,000
Estimated Useful Life:	10 Years

**Description and Justification:**

This will be used to replace all water meters throughout the City of Newburyport and the Town of Newbury once the current water meters are beyond their reading accuracy.

The meters will need to be replaced to maintain accurate readings for user consumption and accurate billing for revenue purposes. Meters average useful life span is approximately twelve years.

Estimated Project Costs by Fiscal Year	
FY2016	\$200,000
FY2017	\$200,000
FY2018	\$200,000
FY2019	\$200,000
FY2020	\$200,000
Total Five-Year Cost	\$1,000,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA003)

Purchase of Ten Wheel Dump Truck

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$165,015
Estimated Useful Life:	15 Years

**Description and Justification:**

This piece of equipment is necessary for the Water Division to continue it's water main replacement program, emergencies and moving of equipment as well as replace an existing piece of equipment from 1999.

This is a vital piece of equipment so that the construction division can continue to provide emergency and replacement operations for the City, Town of Newbury and Plum Island.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$165,000
FY2018	\$0
FY2019	\$0
FY2020	\$15
Total Five-Year Cost	\$165,015

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA004)

Purchase of new Hot Top Roller

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	2 - High
FY2016-FY2020 Project Cost:	\$25,000
Estimated Useful Life:	20 Years

**Description and Justification:**

This will replace an existing piece of equipment that is no longer functioning properly due to wear and tear.

This piece of equipment will be used to properly pave trenches from construction or water main break activities. It will replace an existing piece that has stopped working properly due to years of normal wear and tear.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$25,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$25,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA005)

RT.1 Water Main Project

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$550,000
Estimated Useful Life:	100 Years

**Description and Justification:**

In order to maintain water quality and improve flow in the RT.1/traffic circle area, the need to connect the water mains on either side of the traffic circle are required. In order to accomplish this, a directional drilling company will need to be contracted out in order to get underneath RT.1

This will increase flow and result in better water quality in the area by looping the water mains.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$550,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$550,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
X	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)

PROJECT DETAIL SHEET (WA006)

Purchase New Backhoe

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$130,000
Estimated Useful Life:	10 Years

**Description and Justification:**

The need to replace this piece of equipment is extremely important as it is our main piece of equipment in case of emergencies. Our current backhoe is now ten years old and maintenance repairs have begun to come up regularly.

The need for frontline emergency equipment that is reliable.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$130,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$130,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA007)

Purchase New Trench Box

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$45,000
Estimated Useful Life:	20 Years

**Description and Justification:**

This is a needed piece of safety equipment to insure that our employees are safe while working in trenches.

The Trench box requested is aluminum so it can be lifted with lighter duty equipment.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$45,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$45,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA008)

Purchase New Hydraulic Hammer

Department:	DPS - Water
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$25,020
Estimated Useful Life:	0 Years

**Description and Justification:**

This piece of equipment would help break up concrete, ledge and assist with breaking up frozen earth/hot top in case of an emergency.

Currently, we do not own this piece of equipment. It would be a very useful tool and extremely helpful in emergency situations when time is of the essence instead of manually breaking up earth/frozen ground manually with a jackhammer.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$25,000
FY2018	\$0
FY2019	\$0
FY2020	\$20
Total Five-Year Cost	\$25,020

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA009)

#1 and #2 Well Cleaning & Rehabilitation

Department:	DPS - Water
Category:	Infrastructure
Request Type (New/Prior Year):	New
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$50,000
Estimated Useful Life:	5 Years

**Description and Justification:**

Every 5 years the wells need to be purged and cleaned. When inspecting the wells, the well company will repair or replace any parts that are damaged or need to be replaced. This work is done every 5 years to insure that the wells are running efficiently and are producing the maximum water from each well.

Estimated Project Costs by Fiscal Year	
FY2016	\$0
FY2017	\$50,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$50,000

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (WA010)

DPS Administration Building

Department:	DPS - Water
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$1,604,243
Estimated Useful Life:	30 Years

**Description and Justification:**

The Water and Sewer offices are currently housed in temporary trailers at 16A Perry Way. The initial plan was to renovate 115 Water Street, the building the City took by imminent domain at the Wastewater Treatment. Upon further analysis, it was determined that 115 Water Street would not be appropriate for housing municipal offices and the best approach was to construct a building next to the DPS Facility.

A Capital Project Fund was created by Water and Sewer Retained Earnings to fully fund this project.

Estimated Project Costs by Fiscal Year	
FY2016	\$1,604,243
FY2017	\$0
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$1,604,243

Operating Budget Impact:	\$0
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
	Grant(s)

PROJECT DETAIL SHEET (HM001)

Transient Boaters & Harbormaster Facility

Department:	Harbormaster
Category:	Facilities Renovation/Repair
Request Type (New/Prior Year):	Prior Year
Department Priority:	1 - Urgent/Very High
FY2016-FY2020 Project Cost:	\$1,550,000
Estimated Useful Life:	75 Years

**Description and Justification:**

The harbormaster and staff serve thousands of people every years, but the current shack on the central waterfront has no bathrooms, no storage space, and very limited office and customer service space. The City has received a nationally competitive federal grant of \$448,069 to construct the visiting boater component of the 2840 SF facility on the municipal fish pier. The grant requires a local match, and the balance of funding will be supported by the revenue stream from the harbormaster enterprise fund.

The construction and construction administration of the project will begin in the last quarter of FY16 and be completed in the first two quarters of FY17. Costs are based on the publicly bid cost of the construction project, plus a small contingency and negotiated construction administration services. The funding has been secured (unless the project runs past its 3% construction contingency).

Estimated Project Costs by Fiscal Year	
FY2016	\$350,000
FY2017	\$1,200,000
FY2018	\$0
FY2019	\$0
FY2020	\$0
Total Five-Year Cost	\$1,550,000

Operating Budget Impact:	\$20,000
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Anticipated Funding Source(s)	
	Tax Levy
	Debt
X	Enterprise Receipts
	Stabilization
	Free Cash
	Revolving Fund
	CPA
X	Grant(s)