



Section 12: Capital Improvement Program

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12.1 Executive Summary

Dear President & Members of the City Council:

I am pleased to submit herewith the Proposed Fiscal Years 2013-2017 Capital Improvement Program (CIP). All projects listed under FY 2013 have been funded through various means during this past fiscal year. All projects listed under FY 2014 through FY 2017 will require funding through a combination of sources. As you are aware, the City's capital planning process has historically been both uncoordinated and inconsistent. 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.

The format and organization of the CIP was 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. However, creating individual inventories resulted in a highly unorganized approach to capital planning. Prior to FY2013, the City had not coordinated capital requests to the extent that the administration was able to offer an adequate long-term funding proposal to address important city-wide infrastructure improvements, replace deteriorating equipment, and repair and renovate facilities.

One of the priorities for FY2013 and beyond was to develop a comprehensive capital improvement plan that incorporated the capital needs of all city departments with a practical funding plan for each year of the program. Department Heads have continued to work with the Mayor's Office to identify their most important capital needs for FY2014 through FY2017. Significant time has been spent on developing a realistic funding plan within the confines of the City's financial resources.

It is my goal to fully incorporate the CIP into the FY2014 budget. It is critically important that the City begins to recognize its capital needs in the context of the operating budget. I have deliberately included fully funded projects and acquisitions from FY2013 in this CIP. 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.

Free Cash Policy

I have developed a Free Cash Policy that will provide 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 and available for appropriation. Free cash must be certified by the Director of Accounts as of July 1, and cannot be ap-

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 provides communities with flexibility in that it 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. Free Cash balances should be used for non-recurring expenses and not to balance operating budgets.

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).

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 the new policy:

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

Under the policy, one 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 FY2013-2017 CIP is based on the following budgetary assumptions:

- That the City will continue to build cash reserves, setting a minimum threshold Free Cash balance of \$500,000 and striving to attain a \$1.5 million Free Cash balance annually.
- The City will continue to conservatively estimate New Growth.
- That the City will not use funds from General Stabilization for ordinary capital improvements.
- That that City will continue to actively pursue State and Federal funding opportunities and leverage an average annual allotment of \$1.1 million in Community Preservation Act funds to complete certain Planning & Development related capital improvements.
- That the City will continue to fund a part-time grant writer.

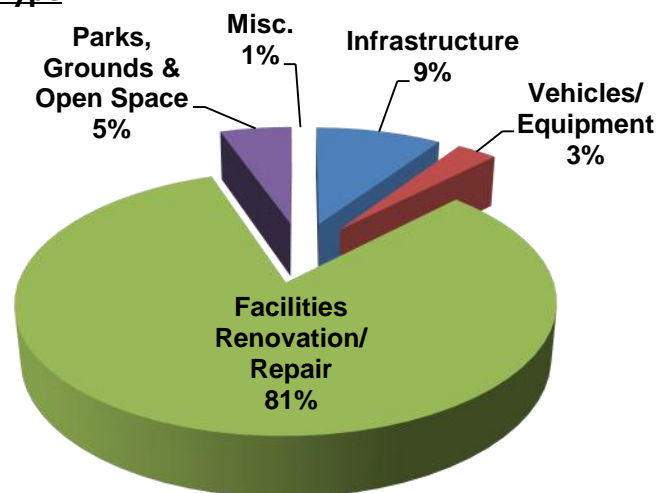
Overview of the CIP

The CIP includes projects with a five year total estimated cost of \$118,252,265. The projects are divided into five main categories, as shown in the table and graph on the following page.

The graph illustrates that 81% of spending is for facilities renovation and repair. This includes the replacement of the Bresnahan Elementary School, the renovation of the Nock/Molin Upper Elementary and Middle School and the renovation of the former Bresnahan into a Senior/Community Center. This also includes major upgrades to the Water Treatment Plant and the Wastewater Treatment Facilities and the expansion of the DPS facility at Perry Way. The CIP also identifies and anticipates significant investment in existing City buildings including the replacement of the HVAC systems at the DPS Facility and the replacement of the roofs at the High School and DPS garage. Additionally, the CIP includes significant investment in the Kelley School Youth Center. The Kelley Youth Center remains an underutilized facility because of ADA compliance issues and the lack of proper fire suppression systems. With the Youth Services Department routinely seeing seasonal enrollments exceed 1,000 participants, the City needs to address the Department's buildings needs and enable Youth Services and other City Departments to fully utilize the space.

Investments in infrastructure represent 9% 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 this past year, sidewalk improvements have been a priority. The City made historic investments in excess of \$392,000 in sidewalk improvements in FY2013. 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 \$300,000 in water main improvements and \$250,000 in sewer main replacements. The City will strive to make the above-mentioned amounts the threshold for annual capital investments in infrastructure.

Project Costs by Project Type



Funding the CIP

The City's lack of dedicated annual funding sources for 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 capital improvements and purchases. This has limited the City's need to borrow to fund smaller capital improvements. The funding philosophy behind the CIP was to continue to fund and invest in capital without drastically increasing the debt burden. For FY2013, ordinary and excluded debt comprises 6.8% of the General Fund budget.

Below is a summary of CIP investments by department:

Project Costs by Department

Department	FY13	FY14	FY15	FY16	FY17	Five-Year Total
Fire	45,000	145,000	-	555,000	-	745,000
Police	-	128,835	31,238	30,000	-	190,073
Planning	305,000	3,985,000	8,675,000	2,670,000	-	15,635,000
MIS	-	-	-	-	-	-
Library	10,850	15,000	15,000	-	-	40,850
Youth Services	-	911,250	-	-	-	911,250
Highway	1,151,861	1,405,000	1,217,000	925,000	1,110,000	5,808,861
Total General Fund	\$ 1,512,711	\$ 6,590,085	\$ 9,938,238	\$ 4,180,000	\$ 1,110,000	\$ 23,331,034
Schools	15,613,666	36,212,630	15,269,236	-	-	67,095,532
Total General Fund with Schools	\$ 17,126,377	\$ 42,802,715	\$ 25,207,474	\$ 4,180,000	\$ 1,110,000	\$ 90,426,566
Less: State Aid & Excluded Debt	16,133,666	39,360,130	21,819,236	3,070,000	500,000	80,883,032
Net Spending	\$ 992,711	\$ 3,442,585	\$ 3,388,238	\$ 1,110,000	\$ 610,000	\$ 9,543,534
Harbormaster Enterprise	195,000	538,000	-	-	-	733,000
Sewer Enterprise	9,529,148	3,612,702	640,000	2,250,000	150,000	16,181,850
Water Enterprise	6,529,763	2,929,421	751,665	350,000	350,000	10,910,849
Total Enterprise Funds	\$ 16,253,911	\$ 7,080,123	\$ 1,391,665	\$ 2,600,000	\$ 500,000	\$ 27,825,699
Total Capital Improvements	\$ 33,380,288	\$ 49,882,838	\$ 26,599,139	\$ 6,780,000	\$ 1,610,000	\$ 118,252,265

Conclusion

I want to thank all of those who have 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 serves 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

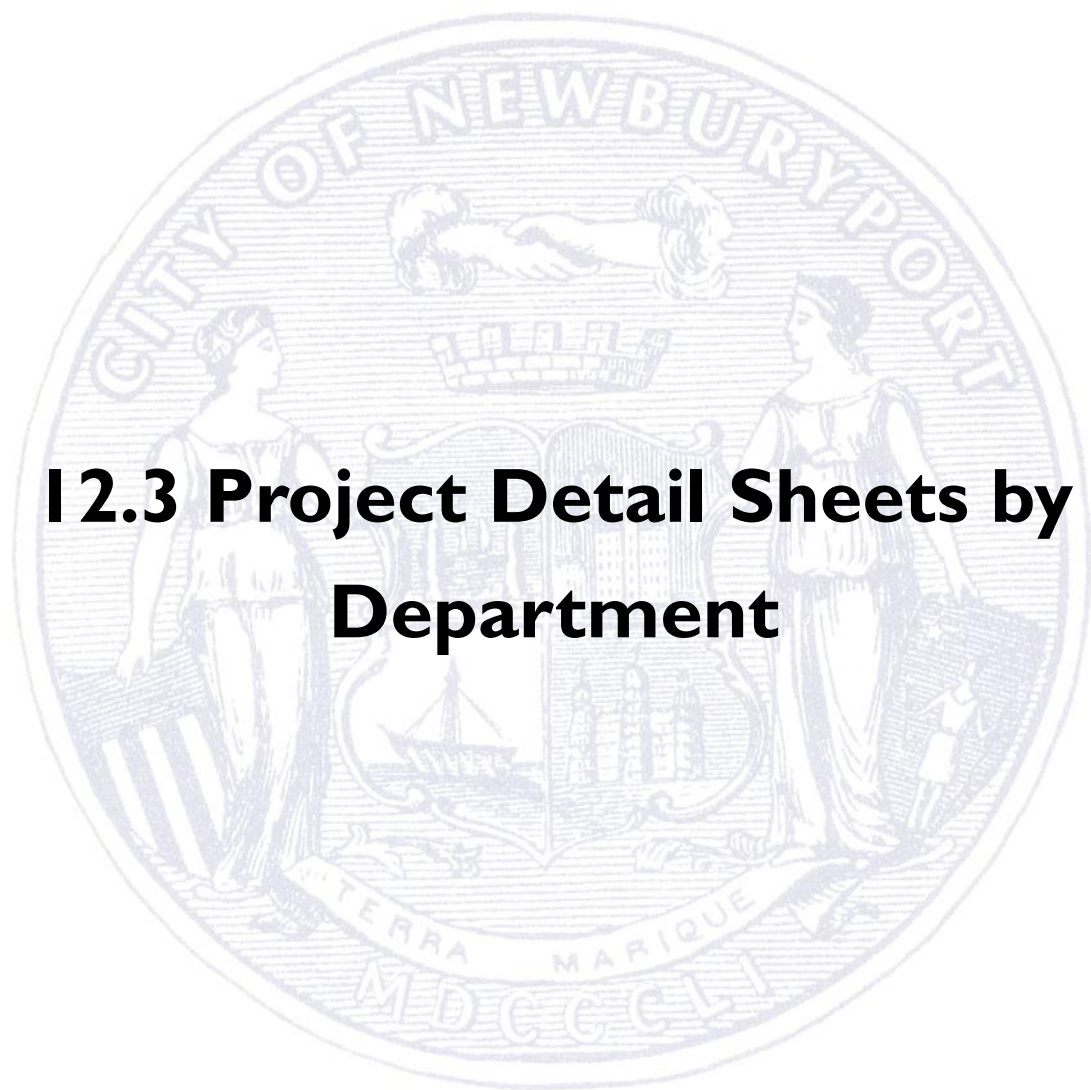
12.2 FY 2013-2017 CIP Summary

Project Detail by Department


Department	Project Description	FY13	FY14	FY15	FY16	FY17	Five-Year Total
Fire	Replacement of Engine 1	-	-	-	555,000	-	555,000
Fire	Replacement of Fire Alarm System	-	90,000	-	-	-	90,000
Fire	Replacement of Deputy Chief Command Vehicle	45,000	-	-	-	-	45,000
Fire	Replacement Fire Department Pick Up	-	30,000	-	-	-	30,000
Fire	Replacement of Firefighter Pagers	-	25,000	-	-	-	25,000
Fire Total		45,000	145,000	-	555,000	-	745,000
Police	Replacement of Police Station HVAC System	-	-	-	-	-	-
Police	Seal Police Station bricks & Replace Garage doors	-	21,000	21,000	-	-	42,000
Police	Carpet Replacement	-	-	-	30,000	-	30,000
Police	Replacement of Portable Radios	-	20,000	-	-	-	20,000
Police	Intellex Security System	-	20,352	-	-	-	20,352
Police	Rain / Foul Weather Coats	-	12,245	-	-	-	12,245
Police	Mobile Data Terminals	-	45,000	-	-	-	45,000
Police	Tasers	-	10,238	10,238	-	-	20,476
Police Total		-	128,835	31,238	30,000	-	190,073
Planning	Senior Community Center	-	1,280,000	4,350,000	870,000	-	6,500,000
Planning	Clipper City Rail Trail Extension Project - Design Phase	105,000	110,000	-	-	-	215,000
Planning	Clipper City Rail Trail Extension Project -Construction Phase	-	-	1,700,000	1,700,000	-	3,400,000
Planning	Central Waterfront Bulkhead Project	200,000	1,900,000	-	-	-	2,100,000
Planning	High School Stadium Renovation Project	-	200,000	1,800,000	-	-	2,000,000
Planning	Fish Pier Embayment Dredging Project	-	50,000	600,000	-	-	650,000
Planning	Inn Street - Phase I - Lighting & Brick Turret Restoration Project	-	-	-	-	-	-
Planning	Inn Street - Phase II - Brick Repair Project	-	125,000	-	-	-	125,000
Planning	Inn Street - Phase III - Fountain Improvement Project	-	125,000	-	-	-	125,000
Planning	Inn Street - Phase IV - Elevated Walkway Project	-	-	200,000	-	-	200,000
Planning	City Hall Capital Improvement Project(s)	-	195,000	-	-	-	195,000
Planning	Common Pasture Parking and Trailhead Project	-	-	25,000	100,000	-	125,000
Planning Total		305,000	3,985,000	8,675,000	2,670,000	-	15,635,000
Library	Carpet Replacement	8,000	15,000	-	-	-	23,000
Library	Flat Rubber Roof Restoration	-	-	15,000	-	-	15,000
Library	Repair of Circulating HVAC Pump	2,850	-	-	-	-	2,850
Library Total		10,850	15,000	15,000	-	-	40,850
Youth Services	Kelley School Building Renovation	-	911,250	-	-	-	911,250
Youth Services Total		-	911,250	-	-	-	911,250
Schools	Bresnahan Elementary Model School Project	9,545,920	21,405,000	7,867,284	-	-	38,818,204
Schools	Nock/Molin School Renovation	5,887,746	13,944,960	7,164,620	-	-	26,997,326
Schools	Newburyport High School-Roof Replacement	70,000	532,500	-	-	-	602,500
Schools	Newburyport High School-Efflorescence Removal	110,000	-	-	-	-	110,000
Schools	Newburyport High School-Historic Woodwork Restoration	-	330,170	237,332	-	-	567,502
Schools Total		15,613,666	36,212,630	15,269,236	-	-	67,095,532
Highway	Roadway Improvements	500,000	500,000	500,000	500,000	500,000	2,500,000
Highway	Sidewalk Improvements	392,000	250,000	250,000	250,000	250,000	1,392,000
Highway	Purchase of 6 Wheel Dump Trucks	-	150,000	150,000	-	150,000	450,000
Highway	Roof Replacement at DPS Facility	-	60,000	60,000	60,000	60,000	240,000
Highway	Purchase of One Ton Dump Trucks	70,000	70,000	-	70,000	-	210,000
Highway	Purchase of Street Sweeper	-	170,000	-	-	-	170,000
Highway	Tree Truck	-	-	-	-	150,000	150,000
Highway	Purchase of 3/4 Ton Pickup Trucks with plows	40,000	40,000	40,000	-	-	120,000
Highway	Street Light Acquisition	117,861	-	-	-	-	117,861

Project Detail by Department (cont.)

Department	Project Description	FY13	FY14	FY15	FY16	FY17	Five-Year Total
Highway	Purchase of Front End Loader with Backhoe	-	-	120,000	-	-	120,000
Highway	Drainage Study	-	-	50,000	-	-	50,000
Highway	Replacement of Pumping and Fuel Monitoring Systems	-	25,000	-	45,000	-	70,000
Highway	Repair Stonewall at Highland Cemetery	-	40,000	-	-	-	40,000
Highway	Purchase of Automatic Hydraulic Salt Spreader Control System	12,000	12,000	12,000	-	-	36,000
Highway	Replacement of HVAC system at the DPS Highway Facility	-	33,000	-	-	-	33,000
Highway	Fence at Highland Cemetery	20,000	-	-	-	-	20,000
Highway	Parking Lot Lighting	-	30,000	-	-	-	30,000
Highway	Purchase of Leaf Vacuum	-	25,000	-	-	-	25,000
Highway	Purchase of Tree Chipper	-	-	35,000	-	-	35,000
Highway Total		1,151,861	1,405,000	1,217,000	925,000	1,110,000	5,808,861
Water Enterprise	Water Treatment Plant Upgrade	5,662,763	1,743,921	1,665	-	-	7,408,349
Water Enterprise	DPS Tank Maintenance	477,000	-	-	-	-	477,000
Water Enterprise	DPS Water Main Replacement	300,000	300,000	300,000	300,000	300,000	1,500,000
Water Enterprise	DPS Expansion	-	600,000	-	-	-	600,000
Water Enterprise	DPS Meter Replacement Project	50,000	50,000	50,000	50,000	50,000	250,000
Water Enterprise	Purchase of Excavator	-	-	-	-	-	-
Water Enterprise	Purchase of Ford F250	40,000	-	-	-	-	40,000
Water Enterprise	Replacement of HVAC system at the DPS Highway Facility	-	33,000	-	-	-	33,000
Water Enterprise	Replacement of Pumping and Fuel Monitoring Systems	-	12,500	-	-	-	12,500
Water Enterprise	Purchase Water Distribution Vehicle	-	40,000	-	-	-	40,000
Water Enterprise	Upper Dam and Intake Improvements	-	150,000	400,000	-	-	550,000
Water Enterprise Total		6,529,763	2,929,421	751,665	350,000	350,000	10,910,849
Sewer Enterprise	Wastewater Treatment Facility Improvements	8,649,148	2,267,202	-	-	-	10,916,350
Sewer Enterprise	Turkey Hill Sewer Main	50,000	-	-	-	-	50,000
Sewer Enterprise	West End Easement	200,000	150,000	-	-	-	350,000
Sewer Enterprise	Graf Road Force Main	450,000	-	-	2,000,000	-	2,450,000
Sewer Enterprise	Purchase of Vactor Vacuum Truck	-	-	400,000	-	-	400,000
Sewer Enterprise	DPS Expansion	-	600,000	-	-	-	600,000
Sewer Enterprise	Purchase of Mack RD690S Dump Truck	130,000	-	-	-	-	130,000
Sewer Enterprise	Bobcat Loader	-	-	90,000	-	-	90,000
Sewer Enterprise	Replacement of HVAC system at the DPS Highway Facility	-	33,000	-	-	-	33,000
Sewer Enterprise	Replacement of Pumping and Fuel Monitoring Systems	-	12,500	-	-	-	12,500
Sewer Enterprise	DPS Meter Replacement Project	50,000	50,000	50,000	50,000	50,000	250,000
Sewer Enterprise	Plum Island Alarm System	-	100,000	100,000	100,000	100,000	400,000
Sewer Enterprise	Sewer Line Replacement	-	200,000	-	100,000	-	300,000
Sewer Enterprise	Wastewater Treatment Facility Fence	-	200,000	-	-	-	200,000
Sewer Enterprise Total		9,529,148	3,612,702	640,000	2,250,000	150,000	16,181,850
Harbormaster Enterprise	Transient Boaters & Harbormaster Facility	-	500,000	-	-	-	500,000
Harbormaster Enterprise	New Harbormaster Boat	165,000	15,000	-	-	-	180,000
Harbormaster Enterprise	Cashman Park Dock Expansion	30,000	20,000	-	-	-	50,000
Harbormaster Enterprise	Replacement of Pumping and Fuel Monitoring Systems	-	3,000	-	-	-	3,000
Harbormaster Enterprise Total		195,000	538,000	-	-	-	733,000
Grand Total		33,380,288	49,882,838	26,599,139	6,780,000	1,610,000	118,252,265




I 2.3 Project Detail Sheets by Department

Project Title: Replacement of Engine 1	
Department: Fire	Category: Vehicles/Equipment
Description and Justification: This project would replace the Fire Department's 2003 KME fire engine. A front line fire engine's useful life is 10-12 years of service. In order to maintain a reasonable replacmenet schedule, fire appartus should be replaced every ten years so that the department can rotate front line engines into reserve status and eventually into retirement after 20 years of service.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	2/6	555,000				555,000	
G. Contingency							
H. Other							
TOTAL		\$555,000				\$555,000	


Project Title: Replacement of Fire Alarm System	
Department: Fire	Category: Vehicles/Equipment
Description and Justification: This would replace outdated fire alarm receiving unit from a hard wired receiving unit to one that would be able to receive alarms by radio transmissions. The new unit would allow the city to begin mandating radio controlled master boxes and begin dismantling the low energy overhead wires that are in place throughout the city. This purchase would reduce costs in the operating budget because the city would no longer have to maintain the existing system which is 100 year old technology. The City will continue to explore grant opportunities to mitigate the cost of this investment.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study		..					
B. Design		..					
C. Land Acquisition		..					
D. Construction		..					
E. Furnishings/Equipment		..					
F. Departmental Equipment	6	90,000		90,000			
G. Contingency		..					
H. Other							
TOTAL		\$90,000	\$0	\$90,000	\$0	\$0	\$0

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Replacement of Deputy Chief Command Vehicle	
Department: Fire	Category: Vehicles/Equipment
Description and Justification: <p>This request is to replace an 11 year old 4X4 Expedition with a new 4x4 Tahoe. This vehicle is the primary vehicle used by the Deputy Fire Chief. It is used for every day department inspections and responding to emergencies. The vehicle carries protective clothing, medical equipment, rescue equipment, and other materials need by the Deputy Chief. The vehicle would be set up with a command center in the rear section of the vehicle incident management. The vehicle would be equipped with radios to allow for communications with fire, police, EMS, Cost Guard and Emergency Management during incidents.</p> <p>The current vehicle has over 90,000 miles and can no longer be equipped with modern day equipment. The vehicle is beginning to rust severely and the department is experiencing increasing maintenance costs associated with the vehicle.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	1/6	45,000	45,000				
G. Contingency							
H. Other							
TOTAL		\$45,000	\$45,000				

Project Title: Replacement Fire Department Pick Up	
Department: Fire/Police	Category: Vehicles/Equipment
Description and Justification: <p>This would fund the replacement the Fire Department's pick up truck. The current truck is 26 years old and did not pass inspection. The Department uses this truck to make up lines and bring equipment back to the station after fires and other emergency incidents.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	30,000		30,000			
G. Contingency							
H. Other							
TOTAL		\$30,000		\$30,000			

Source of Funds Legend							
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings				
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings				

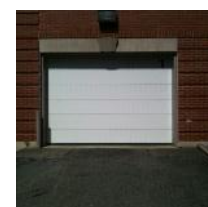
Project Title: Replacement of Firefighter Pagers	
Department: Fire	Category: Vehicles/Equipment
Description and Justification: <p>This would fund the replacement of the Fire Department's pager system. The Fire Department assigns a pager to each firefighter which is used to notify personnel in the event of an emergency. The Federal Communications Commission (FCC) has mandated that all non-Federal public safety licenses using 25kHz radio systems must migrate to narrowband 12.5kHz channels by January 1, 2013. The current pagers are approximately 8 years old and would not meet the requirements of the FCC under the new license.</p>	



RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study		..					
B. Design		..					
C. Land Acquisition		..					
D. Construction		..					
E. Furnishings/Equipment		..					
F. Departmental Equipment	6	25,000		25,000			
G. Contingency		..					
H. Other							
TOTAL		\$25,000	\$0	\$25,000	\$0	\$0	\$0

Project Title: Seal Police Station bricks & Replace Garage doors	
Department: Police	Category: Facilities Renovation/Repair
Description and Justification: <p>The Police Station's exterior has not been waterproofed since its renovation 14 years ago. This project will including sealing the brick exterior of the station and prevent future water damage to the interior.</p> <p>Additionally, the replacement station's three garage doors will be through this project. The doors are showing deterioration and will have exceed their useful life by the estimated date of</p>	

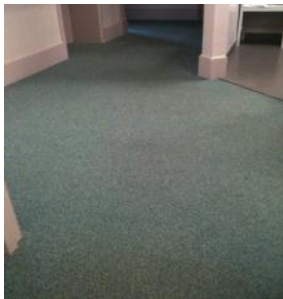


RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment	6	21,000			21,000		
F. Departmental Equipment							
G. Contingency							
H. Other	6	21,000		21,000			
TOTAL		\$42,000		\$21,000	\$21,000		

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Carpet Replacement	
Department: Police	Category: Facilities Renovation/Repair
Description and Justification: This project will fund the replacement of the carpeting at the police station on all three floors. The current carpet was installed when the building was renovated and has begun to show significant deterioration.	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment	6	30,000				30,000	
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$30,000				\$30,000	


Project Title: Replacement of Portable Radios	
Department: Police	Category: Vehicles/Equipment
Description and Justification: This would fund the replacement of the Police Department's portable radios. The Federal Communications Commission (FCC) has mandated that all non-Federal public safety licenses using 25kHz radio systems must migrate to narrowband 12.5kHz channels by January 1, 2013. Routine upgrading has been ongoing, but replacement of significant amounts of radio equipment, along with re-licensing and re-programming of existing equipment will still be needed. Further review and assessment to refine cost estimates and possible alternative funding sources is	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	20,000		20,000			
G. Contingency							
H. Other							
TOTAL		\$20,000		\$20,000			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Intellex Security System	
Department: Police	Category: Vehicles/Equipment
Description and Justification: <p>Over the past two years the police department has expanded its internal video monitor system to include four remote cameras in the downtown business area. This video feed and our internal audio system, which is used to monitor the holding area for suspects, is processed through an Intellex electronic system. This intellex system is the operating system which allows remote controlling of cameras, records the video, audio, and manages the data being received.</p> <p>There are two of these intellex devices in use (Each unit can process 16 cameras) with one processing 16 cameras and the other with 11 cameras. The intellex units are seven plus years old and are showing signs of aging with ongoing service calls and out dated technology.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	20,352		20,352			
G. Contingency							
H. Other							
TOTAL		\$20,352		\$20,352			


Project Title: Rain / Foul Weather Coats	
Department: Police	Category: Vehicles/Equipment
Description and Justification: <p>The green reflective rain/winter jackets the officers are issued are seven years old and are in need of replacement. These jackets are used during inclement weather and meet the American National Standards Institutes (ANSI) requirements for public safety personnel. Through constant use these jackets are worn, lost reflective color, and are no longer water resistant. The loss of reflectiveness places officers at risk when assigned to traffic assignments and accident scenes.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	12,245		12,245			
G. Contingency							
H. Other							
TOTAL		\$12,245		\$12,245			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Mobile Data Terminals	
Department: Police	Category: Vehicles/Equipment
Description and Justification: <p>The mobile data terminals are now eight years old and five out of the seven have fallen into disrepair recently. These terminals are critical to the effectiveness and safety of our officers on patrol. These terminals provide critical information about wanted persons, stolen vehicles, vehicle registrations, license information (including photo). In addition this system allows an officer direct access to the department's computer system and database, and will have the capability to remotely monitor school security cameras in the event of an emergency. This technology has proven to save lives in past school incidents. These mobile data terminals provide advanced safety to an officer whenever they interact with members of the public and allow for advanced knowledge before approaching suspects.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	45,000		45,000			
G. Contingency							
H. Other							
TOTAL		\$45,000		\$45,000			

Project Title: Tasers	
Department: Police	Category: Vehicles/Equipment
Description and Justification: <p>Over the past several months, a number of officers have been injured or placed in situations that have resulted in hand-to-hand combat with suspects.</p> <p>Tasers have been being used by law enforcement since 1999. Recent surveys reveal officer injuries are down by 76% and the injuries to suspects is even higher, saving an estimated 75,000 lives. The days of the public tolerating officers striking suspects with batons is quickly diminishing, mostly due to the fact that technology and safer tools are now available. In addition, agencies utilizing Tasers have seen significant reductions in lawsuits and litigations a result of this equipment.</p> <p>This funding would allow for the purchase of seventeen tasers this year and another seventeen next year to outfit the department. With each officer having their own device will insure they have it when needed and will extend the life of the equipment and reduce breakage/damage/ and accountability by each officer being assigned one.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	20,476		10,238	10,238		
G. Contingency							
H. Other							
TOTAL		\$20,476		\$10,238	\$10,238		

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Senior Community Center	
Department: Office of Planning & Development	Category: Facilities Renovation/Repair
Description and Justification: <p>For years the City has studied an array of sites for a new Senior Center, offering dedicated facilities for Council on Aging operations. Each new site has presented obstacles to completion of this project, most often with respect to cost and impact to abutters. In 2011, Mayor Holaday proposed to build a new Senior and Community Center on the site of the current Bresnahan Elementary School. Construction will begin once the existing school can be torn down.</p> <p>The City is hopeful that the proposed design will provide sufficient space and flexibility for future senior, community and social services activities.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study	2/6	121,758		121,758			
B. Design	2/6	578,242		578,242			
C. Land Acquisition							
D. Construction	2/6	5,800,000		580,000	4,350,000	870,000	
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$6,500,000		\$1,280,000	\$4,350,000	\$870,000	


Project Title: Clipper City Rail Trail Extension Project - Design Phase	
Department: Office of Planning & Development	Category: Parks, Grounds & Open Space
Description and Justification: <p>This project will cover the design and permitting of a 2-mile extension of the multi-use off-road pathway known as the Clipper City Rail Trail. The 10-foot-wide paved pathway will generally travel along the old City Branch railroad corridor from the central waterfront to Joppa Park, through the South End past March's Hill, to Parker Street and into Newbury, and eventually across Route 1 and back to the MBTA train station. While federal and state transportation funding may be available for the construction phase of extending the Rail Trail, the City needs to fund the design and permitting of the project.</p>	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	215,000	105,000	110,000			
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$215,000	\$105,000	\$110,000			

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Clipper City Rail Trail Extension Project -Construction Phase		
Department: Office of Planning & Development	Category: Parks, Grounds & Open Space	
Description and Justification: <p>This project will construct a 2-mile extension of the multi-use off-road pathway known as the Clipper City Rail Trail. The 10-foot-wide paved pathway will generally travel along the old City Branch railroad corridor from the central waterfront to Joppa Park, through the South End past March's Hill, to Parker Street and into Newbury, and eventually across Route 1 and back to the MBTA train station. We hope that federal and state transportation funding will continue to be available to fund most of the cost of construction of such facilities. However, even if significant transportation funding grants are secured for construction, the City will need to fund enhancements (benches, signage, art, lighting, etc.) to the basic trail to complete it.</p>		

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	3	3,400,000			1,700,000	1,700,000	
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$3,400,000			\$1,700,000	\$1,700,000	

Project Title: Central Waterfront Bulkhead Project		
Department: Office of Planning & Development	Category: Parks, Grounds & Open Space	
Description and Justification: <p>The Central Waterfront Bulkhead project consists primarily of replacing and repairing the bulkhead at Newburyport's central waterfront. Except for the western section of the bulkhead that was reconstructed in 2002, the existing steel bulkhead was built over three decades ago in 1977, and supports an 1100 foot boardwalk and embayment area that is used extensively by visiting boaters, commercial tour boat operators, large numbers of residents and visitors, plus the small local commercial fishing fleet. The steel bulkhead is nearing the end of its service life, and consultants have suggested that sections of the boardwalk could become undermined.</p> <p>This project will be funded by a grant from the Seaport Advisory Council.</p>		


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	3	200,000	200,000				
C. Land Acquisition							
D. Construction	3	1,900,000		1,900,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$2,100,000	\$200,000	\$1,900,000			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: High School Stadium Renovation Project	
Department: Office of Planning & Development	Category: Facilities Renovation/Repair
Description and Justification: The High School Stadium was built in 1938-1939 by the Works Progress Administration (WPA). It is used regularly for football games plus annual high school graduation ceremonies, as well as several other sports, and consists of two reinforced concrete structures flanking a playing field. Comprehensive concrete repairs were implemented a generation ago in the early 1970's, but the concrete has deteriorated since then, with accelerated and severe deterioration in particular on the North Side which is an eyesore that has been closed since about 2003. The grass playing field is also in relatively poor condition. The City recently repaired the South/Home side. However, there is not currently sufficient funding available to address the dilapidated North Side or the playing field itself.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	200,000		200,000			
C. Land Acquisition							
D. Construction	6	1,800,000			1,800,000		
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$2,000,000		\$200,000	\$1,800,000		


Project Title: Fish Pier Embayment Dredging Project	
Department: Office of Planning & Development	Category: Infrastructure
Description and Justification: The public Fish Pier provides one of the few suitable places in the area for the local commercial fishing fleet to unload their catch. Unfortunately, the Fish Pier has been underutilized since it was constructed two decades ago due to inadequate depths in the embayment. Present depths vary from elevation 0 to -12 Mean Low Water, allowing vessel access only at higher tides. A small fishing fleet has remained based in Newburyport, and is an important part of the City's heritage and culture; with supportive facilities, the fleet could begin to grow again. Newburyport's Waterfront Strategic Plan makes improving the Fish Pier a priority, and in 2008-2009 the City completed survey, sampling, testing, design, cost estimates and permitting (Conservation Commission, DEP Chapter 91, DEP Water Quality Certificate, Army Corps of Engineers) for the project.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	50,000		50,000			
C. Land Acquisition							
D. Construction	6	600,000			600,000		
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$650,000		\$50,000	\$600,000		

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Inn Street - Phase II - Brick Repair Project	
Department: Office of Planning & Development	Category: Infrastructure
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 brickwork in the plaza and corridor has not been adequately maintained over the years. 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 reset the bricks in the Inn Street plaza and corridor to remove tripping hazards, avoid tree root conflicts and improve overall appearance. Additional masonry work will involve the repointing of brick work in elements such as the stairways to the elevated walkway.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	25,000		25,000			
C. Land Acquisition							
D. Construction	6	100,000		100,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$125,000		\$125,000			

Project Title: Inn Street - Phase III - Fountain Improvement Project	
Department: Office of Planning & Development	Category: Parks, Grounds & Open Space
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 or replace the existing fountain with improvements that significantly improve appearance and function.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	25,000		25,000			
C. Land Acquisition							
D. Construction	6	100,000		100,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$125,000		\$125,000			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Inn Street - Phase IV - Elevated Walkway Project	
Department: Office of Planning & Development	Category: Parks, Grounds & Open Space
Description and Justification: <p>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 concrete elevated walkway that provides access and egress to the buildings that run along both Inn and State Streets is an eyesore. The solid concrete railing of the elevated walkway has hidden users from the eyes of the police, business owners, and general public, and have lead to vandalism, trash, urination, and various negative social behaviors. 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 or replace the structurally sound raised walkway with modifications that significantly improve appearance.</p>	



RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	20,000			20,000		
C. Land Acquisition							
D. Construction	6	180,000			180,000		
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$200,000			\$200,000		

Project Title: City Hall Capital Improvement Project(s)	
Department: Office of Planning & Development	Category: Facilities Renovation/Repair
Description and Justification: <p>This request would fund the following City Hall improvements:</p> <ul style="list-style-type: none"> • Universal access improvements to meet code: <ul style="list-style-type: none"> -- install assistive listening devices in City Council Chambers and Auditorium; -- modify bathrooms and associated fixtures; -- modify threshold of the main auditorium doors; -- install new interior door handles for about ten doors. • Public kitchen renovation to meet codes; • Roof replacement (western side); • Central hallway wood flooring; • Caulking and wood painting; • Renovate first floor men's bathroom; and • Update auditorium stage, lighting and sound. 	




RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	39,000		39,000			
C. Land Acquisition							
D. Construction	6	156,000		156,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$195,000		\$195,000			


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Common Pasture Parking and Trailhead Project	
Department: Office of Planning & Development	Category: Parks, Grounds & Open Space
Description and Justification: <p>In 2006, the City acquired two substantial parcels of open space in the Common Pasture area as part of the City's long-term initiative to protect this last remaining large expanse of contiguous farmland, fields, and forest. The City spent a combined total of approximately \$2 million on the acquisition of the 102-acre Cooper North Pasture property and the 123-acre Wet Meadows property, with about half supplied by state and federal grants (plus the state match for the CPA funding). The properties were acquired for the purposes of open space, agriculture, historic and scenic landscape preservation, watershed protection, conservation, and passive recreation. The votes, deeds, and grants associated with these properties all require that they be enhanced and made available for appropriate</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	25,000			25,000		
C. Land Acquisition							
D. Construction	6	100,000				100,000	
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$125,000			\$25,000	\$100,000	


Project Title: Carpet Replacement	
Department: Library	Category: Facilities Renovation/Repair
Description and Justification: <p>The existing carpet is ten years old and showing extensive wear from 1,000+ daily visitors. Old, worn carpet is difficult to keep clean and detracts from the attractiveness of the building. Worn and stretched spots present a hazard to patrons. The areas to be replaced in this two-year project are high traffic ones. The carpet quoted has a projected life of 15-20 years. This state contract pricing includes removal and disposal of the old carpet. The two priority areas are: Teen Loft (\$8,000) and the first floor Reading Room, Media Area and Back Hall (\$15,000).</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment	4	23,000	8,000	15,000			
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$23,000	\$8,000	\$15,000			


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Flat Rubber Roof Restoration	
Department: Library	Category: Facilities Renovation/Repair
Description and Justification: The 10-year warranty on the rubber roof has expired. This restoration project would include: 1. Infrared scan to check for wet insulation and installation of new insulation, as necessary. 2. Power washing. 3. Making repairs to splits/holes in the rubber roof membrane. 4. Application of urethane liquid waterproofing membrane to restore and upgrade the performance of the rubber roof system. Energy-Star rated 10-year warranty. The rubber roof has already been repaired in several areas using a recommended patch kit. Leaks could cause serious damage to the building, fixtures and contents.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment	4	15,000			15,000		
F. Departmental Equipment							
G. Contingency							
H. Other (Roof)							
TOTAL		\$15,000			\$15,000		


Project Title: Repair of Circulating HVAC Pump	
Department: Library	Category: Facilities Renovation/Repair
Description and Justification: The HVAC system at the NPL has two pumps that pump cold water in the summer and hot water in the winter. These pumps run 24/7 all year. The pumps are designed not to run at the same time, but to alternate run times to lesson wear and tear on the pumps and also work as a fail-safe in case one of the pumps fails. Currently, the HVAC is running 24/7 on pump#2. Pump #1 is leaking and needs to be rebuilt. Both pumps were installed during the NPL Building Project of 2001 and have never been overhauled.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment	4	2,850	2,850				
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$2,850	\$2,850				

Source of Funds Legend

- | | | | |
|------------------------|--------------------------------|--------------------------------------|---|
| (1) Operating Revenues | (3) State Aid | (5) Harbormaster Retained Earnings | (7) Sewer Enterprise Fund Retained Earnings |
| (2) Municipal GO Bonds | (4) Capital Stabilization Fund | (6) Free Cash / CPA / Grants / Other | (8) Water Enterprise Fund Retained Earnings |

Project Title: Kelley School Building Renovation	
Department: Youth Services	Category: Facilities Renovation/Repair
<p><u>Description and Justification:</u></p> <p>The 1872 school is in need of significant structural, mechanical, and aesthetic repairs. Based on current estimates, the total cost of the project is expected to be \$911,250, which includes the installation of an elevator, sprinklers, 2nd floor bathrooms, air/heating improvements, and repointing/masonry work.</p> <p>Currently, only one floor is utilized due to the lack of an elevator and sprinklers, leaving the 4,000 sq ft upstairs space vacant year-round. Bringing the building into ADA compliance, would allow for full use of the historic school building.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study	2	35,000		35,000			
B. Design	2	67,500		67,500			
C. Land Acquisition							
D. Construction	2	808,750		808,750			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$911,250		\$911,250			

Project Title: Bresnahan Elementary Model School Project	
Department: School Department	Category: Facilities Renovation/Repair
<p><u>Description and Justification:</u></p> <p>The Massachusetts School Building Authority approved an investment of \$19,708,881 of the total project budget of \$38,818,204, representing a 52.78% reimbursement rate.</p> <p>CTA Construction was selected as the contractor to build the new school. The groundbreaking officially occurred in May 2013 and construction is progressing on schedule.</p>	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study	2/3	285,000	285,000				
B. Design	2/3	1,350,920	1,350,920				
C. Land Acquisition							
D. Construction	2/3	35,209,000	7,910,000	21,405,000	5,894,000		
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency	2/3	1,973,284			1,973,284		
H. Other							
TOTAL		\$38,818,204	\$9,545,920	\$21,405,000	\$7,867,284		

<u>Source of Funds Legend</u>							
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings				
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings				

Project Title: Nock/Molin School Renovation	
Department: School Department	Category: Facilities Renovation/Repair
Description and Justification: <p>The Massachusetts School Building Authority approved an investment of \$13,021,662 of the total project budget of \$26,997,326, representing a 53.78% reimbursement rate.</p> <p>Gilbane Building Company was selected as the contractor to renovate the school. The groundbreaking officially occurred in April 2013 and construction is progressing on schedule.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study	2/3	496,096	496,096				
B. Design	2/3	1,165,000	1,165,000				
C. Land Acquisition		..					
D. Construction	2/3	23,419,930	4,226,650	13,944,960	5,248,320		
E. Furnishings/Equipment	2/3	..					
F. Departmental Equipment	2/3	..					
G. Contingency	2/3	1,916,300			1,916,300		
H. Other							
TOTAL		\$26,997,326	\$5,887,746	\$13,944,960	\$7,164,620	\$0	\$0


Project Title: Newburyport High School-Roof Replacement	
Department: School Department	Category: Facilities Renovation/Repair
Description and Justification: <p>The four flat roof sections on the original part of the high school were last replaced circa 1995. Two of these roof sections are over classrooms, one over the library and the other over the auditorium. The roofs were exposed to excessive wear and tear as well as patching due to removal of equipment during the construction project from 1999-2002 and were not replaced at the time. Since then leaking has been a common occurrence and much of the insulation and decking underneath has been compromised due to the infiltration of water. Total roof area is approximately 25,800 square feet.</p> <p>Additionally, ductwork penetrations into the sloped roof area have also been the cause of leaking and need to be reworked in order to correct the problem.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	2	80,000	70,000	10,000			
C. Land Acquisition							
D. Construction	2	475,000		475,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency	2	47,500		47,500			
H. Other							
TOTAL		\$602,500	\$70,000	\$532,500			


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Newburyport High School-Efflorescence Removal	
Department: School Department	Category: Facilities Renovation/Repair
<p><u>Description and Justification:</u></p> <p>Efflorescence has stained the new brickwork at Newburyport High School since the completion of the renovation project in 2003 due to water infiltration into the brickwork and ineffective flashing. The efflorescence is most prominent on the north, east, and west terrace areas of the building. This project focuses on the north (or front) side of the building and includes removal of the pre-cast caps on the brickwork, repair of the flashing system, re-installation of the pre-cast caps and cleaning or removal of the existing efflorescence. Projected time frame for this project is summer of</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	6	5,000	5,000				
C. Land Acquisition							
D. Construction	6	90,000	90,000				
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency	6	15,000	15,000				
H. Other							
TOTAL		\$110,000	\$110,000				


Project Title: Newburyport High School-Historic Woodwork Restoration	
Department: School Department	Category: Facilities Renovation/Repair
<p><u>Description and Justification:</u></p> <p>This project would fund the restoration of the historic woodwork at Newburyport High School. Repairs to the exterior would be completed in four phases, addressing the most pressing and visible portions of the project first, including the main portico, cupola and entry facade.</p> <p>Given that the purpose of this project is to preserve the historic woodwork at the school, Community Preservation Act (CPA) funding is requested.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	6	567,502		330,170	237,332		
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$567,502		\$330,170	\$237,332		


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Roadway Improvements	
Department: DPS - Highway	Category: Infrastructure
Description and Justification: The City's Chapter 90 appropriation averages approximately \$500,000. In accordance with the City's Pavement Management Plan, the city replaces 2,500 linear feet of roadway annually based on an annual assessment of all City streets.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	3	2,500,000	500,000	500,000	500,000	500,000	500,000
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$2,500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000


Project Title: Sidewalk Improvements	
Department: DPS - Highway	Category: Infrastructure
Description and Justification: 50% of the revenue generated from the local option meals tax plus an annual appropriation of \$60,000 is used to replace and repair city sidewalks, including curbing and handicap approaches.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	1	1,392,000	392,000	250,000	250,000	250,000	250,000
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$1,392,000	\$392,000	\$250,000	\$250,000	\$250,000	\$250,000

Source of Funds Legend

- | | | | |
|------------------------|--------------------------------|--------------------------------------|---|
| (1) Operating Revenues | (3) State Aid | (5) Harbormaster Retained Earnings | (7) Sewer Enterprise Fund Retained Earnings |
| (2) Municipal GO Bonds | (4) Capital Stabilization Fund | (6) Free Cash / CPA / Grants / Other | (8) Water Enterprise Fund Retained Earnings |

Project Title: Purchase of 6 Wheel Dump Trucks	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This would fund the purchase and replacement of the Highway Division's six wheel dump trucks. The new trucks will replace 2000 Mack RD690s. 6 Wheel dump trucks serve as frontline plow trucks and are used to haul materials and hot top to job sites.	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	450,000		150,000	150,000		150,000
G. Contingency							
H. Other							
TOTAL		\$450,000		\$150,000	\$150,000		\$150,000

Project Title: Roof Replacement at DPS Facility	
Department: DPS - Highway	Category: Facilities Renovation/Repair
Description and Justification: The steel roof at the DPS Facility (1991) is 22 years old and there has been no investment in preventative maintenance. The seam caulking has deteriorated and as a result the roof is leaking significantly and the interior of the building is being impacted. This project should be bonded over the short term. The cost includes reinstalling the solar panels currently on the roof.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	2	240,000		60,000	60,000	60,000	60,000
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$240,000		\$60,000	\$60,000	\$60,000	\$60,000


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Purchase of One Ton Dump Trucks	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This request is to replace three 1-Ton dump trucks. The current 1-Ton trucks are 11 years old and will be replaced over three years. Repairs to these vehicles have become frequent and increasingly costly. 1-Ton pickup trucks are the Highway Division's primary vehicles for everyday activities including, but not limited to roadwork, trash pick up, and transportation of equipment. The truck will purchased using a combination of free cash and operating revenues from the supplemental budget.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	1/6	210,000	70,000	70,000		70,000	
G. Contingency							
H. Other							
TOTAL		\$210,000	\$70,000	\$70,000		\$70,000	


Project Title: Purchase of Street Sweeper	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This request is to replace the existing 2003 Elgin Pelican street sweet. The useful life of a street sweeper is 10-12 years. As it ages the repairs become more costly The department has 2 sweepers (1 inoperable) to sweep the entire City between early March and late November. With one sweeper being out of service, it has taken longer to sweep the entire City and has resulted in more wear and tear on the operable sweeper. New stormwater regulations from the state require that the City sweep twice a year.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	170,000		170,000			
G. Contingency							
H. Other							
TOTAL		\$170,000		\$170,000			


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Tree Truck	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This request will replace the Department's Tree Truck which was purchased in 1999. This truck is used for tree removal and maintenance.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	150,000					150,000
G. Contingency							
H. Other							
TOTAL		\$150,000					\$150,000

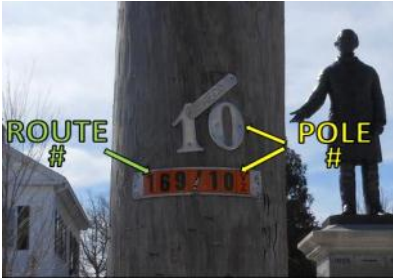
Project Title: Purchase of 3/4 Ton Pickup Trucks with plows	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This request is to begin replacing the Highway Division's fleet of 3/4 pickup trucks. The current fleet includes a 1995 Ford, 1999 Chevrolet and 2000 Chevrolet. Each of these trucks have exceeded its useful life of 10 years. The truck will purchased using a combination of free cash and operating revenues from the supplemental budget.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	1/4	120,000	40,000	40,000	40,000		
G. Contingency							
H. Other							
TOTAL		\$120,000	\$40,000	\$40,000	\$40,000		


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Street Light Acquisition	
Department: DPS/Energy	Category: Infrastructure
Description and Justification: The legislation that deregulated the electricity industry in Massachusetts in 1997 also gave communities the right to acquire streetlights from their utility for their depreciated value. Newburyport has been reviewing this purchase and has finally received its purchase price of \$117,861. The City anticipates annual savings of at least \$77,000 as a result of purchasing the street lights.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other	6	117,861	117,861				
TOTAL		\$117,861	\$117,861				

Project Title: Purchase of Front End Loader with Backhoe	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This request is to purchase a front end loader with a backhoe. This would replace a 1999 Case 580 backhoe. This piece of equipment is used for all construction purposes, tree work, loading salt, and plowing streets and parking lots.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	3/6	120,000			120,000		
G. Contingency							
H. Other							
TOTAL		\$120,000			\$120,000		

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Drainage Study	
Department: DPS - Highway	Category: Infrastructure
Description and Justification: This would fund a drainage study in the vicinity of Phillips Drive, Tilton St, Hale St, Margarie St, and Sylvester St. This area is prone to significant flooding and the city must study potential methods to alleviate the problem.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study	6	50,000			50,000		
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$50,000			\$50,000		


Project Title: Replacement of Pumping and Fuel Monitoring Systems	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This would fund the replacement of the pumping and fuel monitoring systems at the DPS Facility. The software for the fuel monitoring system is no longer supported and the pumps have exceeded their useful life. The pump station is where all city vehicles fuel and as such the cost will be shared by the general fund and the water, sewer, and harbormaster enterprises as follows: Water Division - 12.5K, Sewer Division 12.5K, Harbormaster Department - 3K, General Fund - 70K	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	70,000		25,000		45,000	
G. Contingency							
H. Other							
TOTAL		\$70,000		\$25,000		\$45,000	

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Repair Stonewall at Highland Cemetery	
Department: DPS - Highway	Category: Parks, Grounds & Open Space
Description and Justification: The current stonewall all at the Highland Cemetery is over 150 years old requires significant amount of masonry repair work. This project would fund the replacement of 100 feet of the most significantly deteriorated sections of the wall.	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	6	40,000		40,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$40,000		\$40,000			

Project Title: Purchase of Automatic Hydraulic Salt Spreader Control System	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This project would include the installation of automatic hydraulic salt spreader control systems on each of the six wheel dump trucks. These systems are becoming a standard in the industry as they control salt application and have been proven to control the cost of materials. The City should expect to save 60% in material costs once these systems are fully installed.	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	36,000	12,000	12,000	12,000		
G. Contingency							
H. Other							
TOTAL		\$36,000	\$12,000	\$12,000	\$12,000		

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Replacement of HVAC system at the DPS Highway Facility	
Department: DPS - Highway	Category: Facilities Renovation/Repair
Description and Justification: <p>This project would replace a total of eight HVAC units at the DPS Facility, two building units and six garage units. Significant resources have been needed to maintain the current HVAC system. The current system is 21 years old and replacement parts are becoming unavailable.</p> <p>The cost of the project would be split between the general fund and water and sewer enterprises as follows: 33K Water Division, 33K Sewer Division, 33K General Fund.</p>	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	6/7/8	33,000		33,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$33,000		\$33,000			


Project Title: Fence at Highland Cemetery	
Department: DPS - Highway	Category: Parks, Grounds & Open Space
Description and Justification: <p>The current chain link fence at the Highland Cemetery is over 50 years old and beyond repair. The City needs to replace the fence in the immediate future and preserve the aesthetic quality of the neighborhood.</p>	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	6	20,000	20,000				
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$20,000	\$20,000				

Source of Funds Legend							
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings				
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings				


Project Title: Parking Lot Lighting	
Department: DPS - Highway	Category: Infrastructure
Description and Justification: This request will fund the installation of at least two light poles, lights and necessary wiring in and around the NRA East lot. The NRA East lot is very dark and presents potential liability for the City. It has been determined that there should be installed at least two light poles with three or more lights wired and positioned strategically to light up the parking lot. This additional lighting would afford the pedestrian and the motor vehicle operator the opportunity to view the lot more clearly in order to avoid snow, ice, pot holes, cars, pedestrians, etc. This will be paid with revenues from paid parking.	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other	6	30,000		30,000			
TOTAL		\$30,000		\$30,000			

Project Title: Purchase of Leaf Vacuum	
Department: DPS - Highway	Category: Vehicles/Equipment
Description and Justification: This request is to purchase a Leaf Vacuum. This would replace (2) 2000 Tarco Big T Vac units (1 deadlined). This piece of equipment has limited parts availability and is in poor condition. This is used for removal of leaves from the parks, cemeteries, schools, downtown and other areas.	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	25,000		25,000			
G. Contingency							
H. Other							
TOTAL		\$25,000		\$25,000			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Purchase of Tree Chipper	
Department: DPS - Highway	Category: Vehicles/Equipment
<u>Description and Justification:</u> <p>This request is to purchase a Tree Chipper. This would replace the existing 2005 Vermeer Tree Chipper. This piece of equipment is used everyday for tree maintenance throughout the City. Due to its importance the DPS has had to rent a tree chipper during storm events and routine work.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	6	35,000			35,000		
G. Contingency							
H. Other							
TOTAL		\$35,000			\$35,000		



Project Title: Water Treatment Plant Upgrade	
Department: DPS - Water	Category: Facilities Renovation/Repair
<u>Description and Justification:</u> <p>The original Water Treatment Plant (WTP) was put in service in 1971 and was upgraded in the mid 1980's. It is a standard treatment plant with flocculation, sedimentation and filtration stages, along with chemical injection. It has undergone extensive repairs in recent years and needs to be completely overhauled. The plant was designed with a theoretical capacity of 7.8 million gallons per day (mgd), but due to sedimentation limitations, it can only sustain an operating capacity of about 4.0 mgd. This upgrade will include an upgrade to the residuals handling process, a new clearwell, and finished water pump station, along with an upgrade of the SCADA system. This project will significantly extend the life of the WTP and is expected to provide adequate and reliable service for many years to come.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	2	7,408,349	5,662,763	1,743,921	1,665		
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$7,408,349	\$5,662,763	\$1,743,921	\$1,665		


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: DPS Tank Maintenance	
Department: DPS - Water	Category: Infrastructure
Description and Justification: The Rawson Hill water tank is currently being refurbished and repainted. During the recent inspection of the Marchs Hill Tank, several areas of concern were noted and it was recommended that rehabilitation (painting) will be required within the immediate future to maintain the present integrity of the steel.	
 	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	8	477,000	477,000				
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$477,000	\$477,000				


Project Title: DPS Water Main Replacement	
Department: DPS - Water	Category: Infrastructure
Description and Justification: The Water Division continues with its goal of making improvements to the aging water distribution infra-structure. In order to achieve this goal, the Divison has developed a schedule of planned water distribution replacments. In an effort to minimize the effect on annual operating budgets, funds are designated each year into a capital Water Main Replacement fund.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	8	1,500,000	300,000	300,000	300,000	300,000	300,000
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$1,500,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: DPS Expansion	
Department: DPS - Water	Category: Facilities Renovation/Repair
Description and Justification: <p>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. The Sewer and Water Division will both contribute to the final cost of the building. The Water Division's contribution is estimated at \$600,000.</p>	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	8	600,000		600,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$600,000		\$600,000			

Project Title: DPS Meter Replacement Project	
Department: DPS - Water	Category: Infrastructure
Description and Justification: <p>The Water and Sewer divisions conducted a city-wide meter replacement program in 2008 at a cost of over a million dollars. The meters have a life-time expectancy of 12 - 15 years. In an effort to lessen the effect on the Division's operating budget, it is recommended that \$50,000.00 be allocated each year in preparation of the next city-wide meter replacement in 2023. Cost will be shared with Sewer Division as all users are charged for water and sewer based on metered water use.</p>	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study		..					
B. Design		..					
C. Land Acquisition		..					
D. Construction		..					
E. Furnishings/Equipment		..					
F. Departmental Equipment	8	250,000	50,000	50,000	50,000	50,000	50,000
G. Contingency		..					
H. Other							
TOTAL		\$250,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Purchase of Ford F250	
Department: DPS - Water	Category: Vehicles/Equipment
Description and Justification: This would fund the replacement of the 2003 F 250 that is used at the Water Treatment Plant. The new truck would also include a plow attachment.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	8	40,000	40,000				
G. Contingency							
H. Other							
TOTAL		\$40,000	\$40,000				


Project Title: Replacement of HVAC system at the DPS Highway Facility	
Department: DPS - Water Enterprise	Category: Facilities Renovation/Repair
Description and Justification: This project would replace a total of eight HVAC units at the DPS Facility, two building units and six garage units. Significant resources have been needed to maintain the current HVAC system. The current system is 21 years old and replacement parts are becoming unavailable. The cost of the project would be split between the general fund and water and sewer enterprises as follows: 35K Water Division, 25K Sewer Division, 40K General Fund.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	6/7/8	33,000		33,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$33,000		\$33,000			

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Replacement of Pumping and Fuel Monitoring Systems	
Department: DPS - Water Enterprise	Category: Vehicles/Equipment
Description and Justification: This would fund the replacement of the pumping and fuel monitoring systems at the DPS Facility. The software for the fuel monitoring system is no longer supported and the pumps have exceeded their useful life. The pump station is where all city vehicles fuel and as such the cost will be shared by the general fund and the water, sewer, and harbormaster enterprises as follows: Water Division - 12.5K, Sewer Division 12.5K, Harbormaster Department - 3K, General Fund - 72K	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	5/6/7/8	12,500		12,500			
G. Contingency							
H. Other							
TOTAL		\$12,500		\$12,500			

Project Title: Purchase Water Distribution Vehicle	
Department: DPS - Water Enterprise	Category: Vehicles/Equipment
Description and Justification: This would fund the purchase of a Water Distribution Vehicle to meet the requirements of the Green Communities Act.	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	8	40,000		40,000			
G. Contingency							
H. Other							
TOTAL		\$40,000		\$40,000			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Upper Dam and Intake Improvements	
Department: DPS - Water Enterprise	Category: Infrastructure
<u>Description and Justification:</u> The work under this project will include repairs and modifications to the dam, gatehouse and intake pipe that were originally built around 1913. Plans include demolition of the gate house and replacement of the broken valves inside. Repairs will be made to address deficiencies in the dam and wing walls, along with a coating of the entire surface. Sediment that has accumulated over the past century will be dredged from around the intake. Design and permitting will also be included in this project.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	8	150,000		150,000			
C. Land Acquisition	8	400,000			400,000		
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$550,000		\$150,000	\$400,000		


Project Title: Wastewater Treatment Facility Improvements	
Department: DPS - Sewer	Category: Facilities Renovation/Repair
<u>Description and Justification:</u> The Newburyport Wastewater Treatment Facility (WWTF) was originally constructed in 1963 as a primary plant and was subsequently upgraded to provide secondary treatment in 1984. In 2001, odor control facilities were added to the plant. The facility provides biological treatment of wastewater prior to discharge of effluent into the Merrimack River. The facility is designed to treat an average daily flow of 3.40 million gallons per day (mgd), and peak flow of 9.45 mgd. The objective of the Newburyport WWTF Improvements Project is to upgrade the facility to provide continuous treatment of all wastewater flows and pollutant loadings in compliance with its National Pollutant Discharge Elimination System (NPDES) permit for the next 20 years. As part of this effort improvements to support facilities (buildings, electrical, instrumentation & control systems, etc.) are also necessary.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	2	10,916,350	8,649,148	2,267,202			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$10,916,350	\$8,649,148	\$2,267,202			

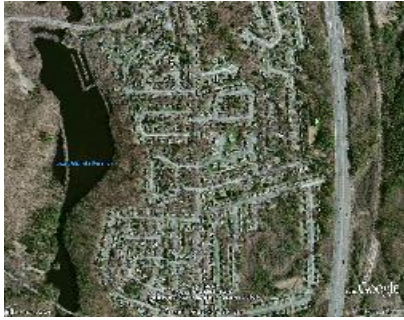
Source of Funds Legend

- | | | | |
|------------------------|--------------------------------|--------------------------------------|---|
| (1) Operating Revenues | (3) State Aid | (5) Harbormaster Retained Earnings | (7) Sewer Enterprise Fund Retained Earnings |
| (2) Municipal GO Bonds | (4) Capital Stabilization Fund | (6) Free Cash / CPA / Grants / Other | (8) Water Enterprise Fund Retained Earnings |

Project Title: Turkey Hill Sewer Main	
Department: DPS - Sewer	Category: Infrastructure
Description and Justification: This would fund the replacement of the Turkey hill sewer main (3000 feet) and manholes. Both the main and manholes have been compromised as a result of heavy hydrogen sulfite (H2S). The main is a large sewer line 12-15 inches and made of asbestos clay pipe. The main is very deep and the Sewer Division is exploring the possibility of slip lining the pipe opposed to digging the street. If DPS is forced to dig, the cost of the project will increase.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	7	50,000	50,000				
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$50,000	\$50,000				


Project Title: West End Easement	
Department: DPS - Sewer	Category: Infrastructure
Description and Justification: This project will provide access to the primary sewer line that services the West End. Phase 1 consists of evaluation of the current infrastructure and identifies existing and future easements. The outcome of Phase 1 will determine the final cost of Phase 2. The rough estimate for Phase 2 is \$355,000. It should be noted that Phase 2 could be slightly higher than anticipated. Phase 2 will consist of the construction of a new road to provide access to the sewer main that services the West End. This project is necessary so that in the event of a sewer line break or backup, DPS Sewer Division will be able to access the line and prevent sewer from entering the drinking water supply.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design	7	200,000	200,000				
C. Land Acquisition							
D. Construction	7	150,000		150,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$350,000	\$200,000	\$150,000			


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Graf Road Force Main	
Department: DPS - Sewer	Category: Infrastructure
Description and Justification: This would fund the replacement of the Graf Road Force Main. The force main at Graf Road Lift Station is one of the most important components of the system. The current force main was installed in the mid 1980s. The material of the pipe was Ductile Iron (DI) and due to corrosive solid, the integrity of the pipe has been compromised and the force main has failed twice in the past two years.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	7	2,450,000	450,000			2,000,000	
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$2,450,000	\$450,000			\$2,000,000	


Project Title: Purchase of Vactor Vacuum Truck	
Department: DPS - Sewer	Category: Vehicles/Equipment
Description and Justification: The purchase of a new Vactor Vacuum Truck would replace the current 1999 vacuum truck which is used to by the Sewer Division on every call for service. This vehicle is also used for routine maintenance of the sewer lines.	
	

RECOMMENDED FINANCING


	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	7	400,000			400,000		
G. Contingency							
H. Other							
TOTAL		\$400,000			\$400,000		

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: DPS Expansion	
Department: DPS - Sewer	Category: Facilities Renovation/Repair
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. The Sewer and Water Division will both contribute to the final cost of the building. The Sewer Division's contribution is estimated at \$600,000.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	7	600,000		600,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$600,000		\$600,000			


Project Title: Purchase of Mack RD690S Dump Truck	
Department: DPS - Sewer	Category: Vehicles/Equipment
Description and Justification: The purchase of a new Mack Dump Truck will replace the current 1999 Mack which is used by the Sewer Division to transport sludge from the WWTP to Ipswich for composting.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	7	130,000	130,000				
G. Contingency							
H. Other							
TOTAL		\$130,000	\$130,000				

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings


Project Title: Bobcat Loader	
Department: DPS - Sewer	Category: Vehicles/Equipment
Description and Justification: The purchase of a new Bobcat will replace the current 1996 Bobcat which is used by the Sewer Division for snow removal at the facility, moving sludge, and contributes to day to day operations.	
	

RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	7	90,000			90,000		
G. Contingency							
H. Other							
TOTAL		\$90,000			\$90,000		

Project Title: Replacement of HVAC system at the DPS Highway Facility	
Department: DPS - Sewer	Category: Facilities Renovation/Repair
Description and Justification: This project would replace a total of eight HVAC units at the DPS Facility, two building units and six garage units. Significant resources have been needed to maintain the current HVAC system. The current system is 21 years old and replacement parts are becoming unavailable. The cost of the project would be split between the general fund and water and sewer enterprises as follows: 33K Water Division, 33K Sewer Division, 33K General Fund.	
	


RECOMMENDED FINANCING							
	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	6/7/8	33,000		33,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$33,000		\$33,000			

Source of Funds Legend			
(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Replacement of Pumping and Fuel Monitoring Systems	
Department: DPS - Water	Category: Vehicles/Equipment
Description and Justification: <p>This would fund the replacement of the pumping and fuel monitoring systems at the DPS Facility. The software for the fuel monitoring system is no longer supported and the pumps have exceeded their useful life.</p> <p>The pump station is where all city vehicles fuel and as such the cost will be shared by the general fund and the water, sewer, and harbormaster enterprises as follows: Water Division - 12.5K, Sewer Division 12.5K, Harbormaster Department - 3K, General Fund - 72K</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	5/6/7/8	12,500		12,500			
G. Contingency							
H. Other							
TOTAL		\$12,500		\$12,500			


Project Title: DPS Meter Replacement Project	
Department: DPS	Category: Infrastructure
Description and Justification: <p>The Water and Sewer divisions conducted a city-wide meter replacement program in 2008 at a cost of over a million dollars. The meters have a life-time expectancy of 12 - 15 years. In an effort to lessen the effect on the Division's operating budget, it is recommended that \$50,000.00 be allocated each year in preparation of the next city-wide meter replacement in 2023. Cost will be shared with Water Division as all users are charged for water and sewer based on metered water use.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study		..					
B. Design		..					
C. Land Acquisition		..					
D. Construction		..					
E. Furnishings/Equipment		..					
F. Departmental Equipment	7	250,000	50,000	50,000	50,000	50,000	50,000
G. Contingency		..					
H. Other							
TOTAL		\$250,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000

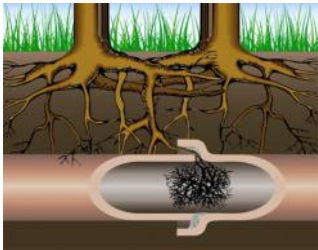
Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Plum Island Alarm System	
Department: DPS - Sewer Enterprise	Category: Vehicles/Equipment
<u>Description and Justification:</u> This would allow the City to alarm 637 valve pits on Plum Island. The alarms will immediately notify staff in the event of a system fault or abnormality, such as low vacuum pressure, stuck open valves, stuck controllers, etc. The alarms will ensure faster response times and more timely repair, if needed.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	5/6/7/8	400,000		100,000	100,000	100,000	100,000
G. Contingency							
H. Other							
TOTAL		\$400,000		\$100,000	\$100,000	\$100,000	\$100,000


Project Title: Sewer Line Replacement	
Department: DPS - Sewer Enterprise	Category: Infrastructure
<u>Description and Justification:</u> This program allows for necessary replacements to be made to Newburyport's sewer system. Upcoming projects include the sewer lines on Madison Street and Merrill Street, as well as, lines crossing through the roundabout.	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	7	300,000		200,000		100,000	
G. Contingency							
H. Other							
TOTAL		\$300,000		\$200,000		\$100,000	


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Wastewater Treatment Facility Fence	
Department: DPS - Sewer Enterprise	Category: Facilities Renovation/Repair
<p><u>Description and Justification:</u></p> <p>The current fence surrounding the Wastewater Treatment Facility is rusted and beyond repair. As we are approaching the end of the construction at 115 Water Street, it is recommended that a new fence is installed around the complex.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	7	200,000		200,000			
G. Contingency							
H. Other							
TOTAL		\$200,000		\$200,000			


Project Title: Transient Boaters & Harbormaster Facility	
Department: Harbormaster	Category: Facilities Renovation/Repair
<p><u>Description and Justification:</u></p> <p>This request is to expand the existing 250 square foot Harbormaster Office into a Transient Boaters & Harbormaster Facility. The proposed facility would continue to serve as the Harbormaster's headquarters, but would provide support services for transient boaters and visitors, such as restrooms and showers.</p> <p>The Harbormaster's Department is currently exploring grant opportunities at the state and federal levels to help fund this project.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	5	500,000		500,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$500,000		\$500,000			


Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: New Harbormaster Boat	
Department: Harbormaster	Category: Vehicles/Equipment
<p>Description and Justification:</p> <p>The City acquired a 25' former US Coast Guard Defender Response Boat at <i>no</i> cost through a grant program. The vessel is in excellent condition and was sought after by a number of surrounding communities.</p> <p>The boat spent most of her life in the freshwaters of the Great Lakes where tradition was to haul the boat for the winter season for maintenance, thereby extending its life.</p> <p>The vessel will cost approximately \$15,000 to equip and will be used as a public safety boat by the Harbormaster, Fire and Police Departments, including the regional dive team.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	5	180,000	165,000	15,000			
G. Contingency							
H. Other							
TOTAL		\$180,000	\$165,000	\$15,000			


Project Title: Cashman Park Dock Expansion	
Department: Harbormaster	Category: Parks, Grounds & Open Space
<p>Description and Justification:</p> <p>The Harbormasters department would like to expand the transient dock facilities at Cashman Park. This would allow more boats to tie up while waiting to launch or return to and from the ramp. This would require the repair and reuse of the old docks that were previously used at the CWF.</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction	5	50,000	30,000	20,000			
E. Furnishings/Equipment							
F. Departmental Equipment							
G. Contingency							
H. Other							
TOTAL		\$50,000	\$30,000	\$20,000			

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings

Project Title: Replacement of Pumping and Fuel Monitoring Systems	
Department: DPS - Harbormaster Enterprise	Category: Vehicles/Equipment
Description and Justification: <p>This would fund the replacement of the pumping and fuel monitoring systems at the DPS Facility. The software for the fuel monitoring system is no longer supported and the pumps have exceeded their useful life.</p> <p>The pump station is where all city vehicles fuel and as such the cost will be shared by the general fund and the water, sewer, and harbormaster enterprises as follows: Water Division - 12.5K, Sewer Division 12.5K, Harbormaster Department - 3K, General Fund - 70K</p>	
	

RECOMMENDED FINANCING

	Source of Funds	Total Five -Year Cost	Estimated Project Costs by Fiscal Year				
			FY2013	FY2014	FY2015	FY2016	FY2017
A. Feasibility Study							
B. Design							
C. Land Acquisition							
D. Construction							
E. Furnishings/Equipment							
F. Departmental Equipment	5/6/7/8	3,000		3,000			
G. Contingency							
H. Other							
TOTAL		\$3,000		\$3,000			

Source of Funds Legend

(1) Operating Revenues	(3) State Aid	(5) Harbormaster Retained Earnings	(7) Sewer Enterprise Fund Retained Earnings
(2) Municipal GO Bonds	(4) Capital Stabilization Fund	(6) Free Cash / CPA / Grants / Other	(8) Water Enterprise Fund Retained Earnings