

CITY OF PORTSMOUTH  
NEW HAMPSHIRE



Capital Improvement Plan  
2007-2012

Planning Board Adopted: January 19, 2006  
Conveyed to City Council: January 23, 2006  
City Council: Public Hearing: March 20, 2006  
City Council Adopted: April 3, 2006

APPENDIX II

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**CAPITAL IMPROVEMENT PLAN**  
**FY 2007-2012**  
**INTRODUCTION**

The *Capital Improvement Plan*, as a timetable for accomplishing needed improvements on a scheduled basis, is one of the most important documents considered by the City Council. It is important because it has a major impact on the allocation of fiscal resources, and it contributes to setting City expenditures for many years to come. When the *Plan* is adopted and fully utilized, it ensures that needed facilities are provided within the City's financial capability. The *Plan's* purposes are to:

1. Provide a complete picture of the City's major development needs;
2. Establish fiscal priorities for and between various projects;
3. Schedule major projects so as to reduce fluctuations in the tax rate;
4. Balance the use of funding sources in the most beneficial manner;
5. Discourage piecemeal improvements and duplication of expenditures;
6. Coordinate the activities of various City departments and agencies;
7. Assist in implementing recommendations of the City's **Master Plan**; and
8. Inform the taxpayers of anticipated future improvements; and,
9. Arrange opportunities for the Public to offer comments on the Plan.

After City Department Heads submit their particular capital improvement requests, a Subcommittee of the Planning Board convenes meetings where Department representatives explain their requests. The Subcommittee then evaluates each request and makes recommendations to the Planning Board. After consideration by the Board, a *Capital Improvement Plan* is adopted as part of the City's **Master Plan**. The *Plan* is next conveyed to the City Council for Public Hearing and adoption in accordance with *City Charter* requirements. In the *Plan*, while some proposed projects are desirable and deferrable, others have reached a critical stage and therefore are scheduled in the early years of the *Plan*. These improvements are particularly needed, if the City is going to provide adequate services and meet anticipated needs. A City, which seeks balanced commercial, industrial, and residential growth must itself act to provide those services that allow for such growth, and that requires a substantial and sustainable fiscal commitment to the expansion and improvement of the City's physical infrastructure.

## DEFINITION OF A CAPITAL IMPROVEMENT PROJECT

As used in the *Capital Improvement Plan*, a capital improvement project is defined as a major fiscal expenditure which is made infrequently or which is non recurring and includes one or more of the following:

1. Acquisition of land;
2. Construction or expansion of a public: facility; street; or utility lines;
3. Non-recurring rehabilitation of a facility provided the cost is \$50,000 or more;
4. Design work or planning study related to an individual project;
5. Any item or piece of equipment, non-vehicular in nature, that costs more than \$50,000 and has a life expectancy of 5 or more years; and/or,
6. Replacement and purchase of vehicles with a life expectancy of more than five years or a total cost of more than \$50,000 (Fire and Public Works); or,
7. As deemed appropriate and necessary by the Planning Board.

## METHOD OF FINANCING

The *Capital Improvement Plan* projects are funded from a variety of sources (note the abbreviations). These include: General Fund (GF); Federal and State Grants (G); General Obligation Bond (B); Parking Revenues (PR); Water Revenues (WR); Sewer Revenues (SR); Water Revenue Bonds (WB); Sewer Revenue Bonds (SB); State Revolving Loan Fund (SRF) and, Public Private Partnerships (P).

**General Fund** -- The most commonly used method of financing capital projects is through the use of the General Fund. The General Fund includes the money raised by the local property tax for a given year. When a project is funded with General Fund revenues, its entire cost is paid off within the year. The intent is to budget annually a certain amount from the General Fund (approximately \$1,000,000 to \$1,500,000) to address City priorities. If the City has the financial capacity to pay for a project in a given year, the cost to the taxpayer will generally be less than if bonded because there are no interest payments to be made. However, it does have the effect of lumping expenditures into one year, thereby giving a peak tax loading.

**General Obligation Bonds** -- Bonds are used to finance major municipal capital projects. These are issued for a period of time generally extending from ten to twenty years during which time principal and interest payments are made. They are secured by the raising of property taxes. The time payment has the advantage of allowing the costs to be amortized over the life of the project and of

allowing taxpayers to pay a smaller amount of the project's cost at a time. However, they do commit the City's resources over a long period of time and they do decrease the flexibility of how yearly revenues can be utilized. The City's bonding capacity is a limited resource. All projects, which are to be bonded, should meet minimum criteria to determine their eligibility and must have a life span at least equal to the bond life.

**Revenue "Type" Bonds** -- These are issued to finance a revenue producing facility, such as the Water Division and Sewer Division. Only the revenues for which they are issued usually secure revenue bonds. However, the Water Division and Sewer Division are designed to be self-supporting facilities through user fees. Therefore, the users pay for the floating of these bonds and there is no local tax money involved. However, this type of funding is backed by the general obligation of the City. Due to revenue constraints, the use of Revenue Bonds must be reviewed and compared to the costs associated with General Obligation Bonds.

**Revenues** -- The City has established two Enterprise Funds for Water and Sewer. The needs for these two divisions are met through the revenues raised from providing that particular service. Therefore, there is no impact on the City's tax rate. These costs are shown on Enterprise Fund Rates.

**Grants** -- One source of grants is from other levels of government. In this instance, several potential sources are possible. The Environmental Protection Agency for sewer projects, the Department of the Interior for recreation projects, the National Park Service for historic preservation projects, the Department of Health and Human Services for Community Development Block Grant projects and the Department of Transportation for transportation projects, just to name some. Generally, these programs provide an outright grant or matching funds to go with locally raised funds.

**State Revolving Loan Fund** -- This is a program offered through the NH Department of Environmental Services for the purpose of providing low interest rate funding for approved water pollution control projects. The City has received approval for SRF funding for certain projects included in this Capital Budget Program that have been so noted. State approval of applications does not bind the City to any of the individual projects but does lock into a low interest rate loan. Upon completion of projects, the loan shall become a serial bond payable by the City of Portsmouth Sewer or Water Fund to the State of NH. Payback will be over a five to ten year period and Enterprise Revenues will be utilized for that purpose. In addition, the City will apply for State Aid Grant funding to assist in paying back of the SRF loan for up to 30% of the total project cost.

Deciding on which method of financing should be selected for a given project is dependent on a number of factors. These include - the cost of the project, its useful life, the eligibility of the project to receive funds from other than local tax sources, the current assessment, long-term and short-term financial obligations of the City and the project's relative priority need for implementation. The *Plan* seeks to maximize the potential benefits from all revenue sources.

Following is a summary of the Capital Improvement Plan as follows:

- |   |            |
|---|------------|
| 1) CAPITAL IMPROVEMENT PLAN SUMMARY '07-12        | Page II-7  |
| 2) GENERAL FUND CAPITAL OUTLAY PROJECTS ONLY-FY07 | Page II-12 |
| 3) INDIVIDUAL PROJECTS-FY 07 PROJECTS ONLY        | Page II-17 |

**FY 07 Distribution**

**FY '08 to FY '12 Schedule**

		Enterprise					FY '07	FY '08	FY '09	FY '10	FY '11	FY '12	Total Cost		
		GF	Funds	Bond/Lease	Federal/State	Other/Revenues	PPP	Total							
<b>I. VEHICLE and EQUIPMENT SCHEDULE</b>															
<u>VEHICLES</u>															
II-18	VE-FD-01							\$350,000					\$350,000		
II-19	VE-FD-02							\$150,000		\$150,000	\$150,000		\$450,000		
	VE-FD-03							\$0	\$450,000				\$450,000		
	VE-FD-04							\$0		\$450,000			\$450,000		
	VE-FD-05							\$0			\$1,000,000		\$1,000,000		
	VE-FD-06							\$0				\$500,000	\$500,000		
	VE-PD-07							\$0	\$300,000				\$300,000		
<u>EQUIPMENT</u>															
	VE-FD-08							\$0	\$85,000	\$85,000			\$170,000		
II-20	VE-FD-09		\$25,000					\$25,000	\$10,000				\$35,000		
II-21	VE-FD-10		\$10,000					\$10,000					\$10,000		
	VE-FD-11							\$0		\$15,000			\$15,000		
II-22	VE-FD-12		\$7,000					\$7,000	\$7,000				\$14,000		
II-23	VE-FD-13		\$6,500					\$6,500					\$6,500		
II-24	VE-PD-14		\$10,000					\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000		
	VE-PD-15							\$0	\$55,000				\$55,000		
II-25	VE-HR-16		\$7,000					\$7,000	\$9,000				\$16,000		
<b>I. TOTAL EQUIPMENT AND VEHICLE SCHEDULE</b>			\$65,500	\$0	\$0	\$350,000	\$150,000	\$0	\$565,500	\$926,000	\$710,000	\$1,160,000	\$510,000	\$10,000	\$3,881,500

<b>II. BUILDINGS AND INFRASTRUCTURE</b>													
Total Cost													
	BI-FD-01							\$0	\$50,000				\$50,000
	BI-FD-02							\$0			\$2,500,000		\$2,500,000
	BI-FD-03							\$0	\$2,000,000				\$2,000,000
II-28	BI-PD-04		\$19,000					\$19,000					\$19,000
	BI-PD-05							\$0		\$75,000			\$75,000
	BI-PD-06							\$0	\$150,000				\$150,000
	BI-SD-07							\$0	\$500,000		\$500,000		\$500,000
II-29	BI-SD-08		\$25,000					\$25,000		\$10,000,000	\$10,000,000		\$20,025,000
	BI-SD-09							\$0			\$5,000,000	\$5,000,000	\$10,000,000
II-30	BI-LB-10		\$350,000					\$350,000					\$350,000
II-31	BI-JOINT-11		\$25,000					\$25,000	\$100,000				\$125,000
II-32	BI-CC-12		\$25,000					\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
II-33	BI-CD-13		\$10,000					\$10,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
	BI-PW-14							\$0	\$100,000				\$100,000

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FY 07 Distribution

FY '08 to FY '12 Schedule

		Enterprise						FY '07	FY '08 to FY '12 Schedule						
		GF	Funds	Bond/Lease	Federal/State	Other/Revenues	PPP	Total	FY '08	FY '09	FY '10	FY '11	FY '12		
II-34	BI-PL-15	IMPLEMENTATION OF MASTER PLAN RECOMMENDATIONS	\$100,000					\$100,000						\$100,000	
II-35	BI-CD-16	WINCHESTER PLACE/LEDGEWOOD MANOR PARK			\$75,000		\$50,000	\$125,000						\$125,000	
II-36	BI-CD-17	OPEN SPACE PUBLIC ACCESS IMPROVEMENTS-SAGAMORE CREEK HEADLANDS	\$25,000		\$25,000			\$50,000						\$50,000	
II-37	BI-JOINT-18	PISCATAQUA RIVERWALK PROJECT			\$1,500,000		\$165,000	\$1,665,000						\$1,665,000	
	BI-JOINT-19	IMPLEMENTATION OF PEIRCE ISLAND MASTER PLAN PROJECT						\$0	\$50,000	\$100,000	\$100,000			\$250,000	
	BI-CD-20	NORTH MILL POND PEDESTRIAN AND BIKE PATHWAY						\$0	\$125,000	\$125,000				\$250,000	
	BI-JOINT-21	MCINTYRE FEDERAL OFFICE BUILDING-PHASE II						\$0	\$100,000	\$100,000	\$100,000			\$300,000	
II-38	BI-PW-22	RECLAMATION OF FORMER STUMP DUMP FOR RECREATIONAL USE	\$25,000		\$25,000			\$50,000	\$50,000					\$100,000	
II-39	BI-PW-23	HISTORIC CEMETERY IMPROVEMENTS	\$10,000				\$10,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	
II-40	BI-PW-24	MUNICIPAL COMPLEX SITE IMPROVEMENTS	\$25,000					\$25,000	\$50,000					\$75,000	
II-41	BI-PW-25	COOLING TOWER SOUND UPGRADES AND REPLACEMENT-MUNICIPAL COMPLEX	\$100,000					\$100,000						\$100,000	
II-42	BI-JOINT-26	AERIAL PHOTOGRAPHY	\$25,000			\$25,000		\$50,000						\$50,000	
II-43	BI-PW-27	STORM WATER MASTER PLAN	\$40,000					\$40,000						\$40,000	
II-44	BI-PW-28	HIGH-HANOVER PARKING FACILITY-CAPITAL IMPROVEMENTS				\$75,000		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$450,000	
II-45	BI-PW-29	CITY WIDE FACILITIES' CAPITAL IMPROVEMENTS			\$1,000,000			\$1,000,000		\$1,000,000		\$1,000,000		\$3,000,000	
	BI-PW-30	INDOOR POOL ROOF PANEL REPLACEMENT						\$0	\$250,000					\$250,000	
<b>II. TOTAL BUILDINGS AND INFRASTRUCTURE</b>			<b>\$804,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,625,000</b>	<b>\$100,000</b>	<b>\$235,000</b>	<b>\$3,764,000</b>	<b>\$3,665,000</b>	<b>\$11,540,000</b>	<b>\$18,340,000</b>	<b>\$6,140,000</b>	<b>\$640,000</b>	<b>\$44,089,000</b>

III. INFORMATION SYSTEMS MANAGEMENT

Total Cost

IS-FD-01	FIRE MOBILE DATA TERMINAL SYSTEM							\$0	\$25,000	\$25,000				\$50,000	
II-48	IS-IT-02	TELEVISION STUDIO	\$30,000					\$30,000	\$40,000	\$250,000		\$70,000	\$175,000	\$565,000	
II-49	IS-IT-03	CITY HALL SERVERS UPGRADE/REPLACEMENT	\$40,000					\$40,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$340,000	
II-50	IS-IT-04	CITY WIDE WORK STATION REPLACEMENT	\$50,000					\$50,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$425,000	
<b>III. TOTAL INFORMATION SYSTEMS MANAGEMENT</b>			<b>\$120,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$120,000</b>	<b>\$200,000</b>	<b>\$410,000</b>	<b>\$135,000</b>	<b>\$205,000</b>	<b>\$310,000</b>	<b>\$1,380,000</b>

IV. TRANSPORTATION MANAGEMENT

Total Cost

PUBLIC TRANSPORTATION

TSM-RPC/CITY-01	RAIL STUDY: GUILFORD HAMPTON & ROCKINGHAM BRANCH							\$0						\$0
II-52	TSM COAST/CITY-02	COAST ROUTE 2			\$40,000	\$40,000		\$80,000	\$80,000	\$80,000				\$240,000
II-53	TSM COAST/CITY/PDA-03	SPAULDING TURNPIKE COMMUTER EXPRESS BUS SERVICE			\$320,000	\$40,000	\$40,000	\$400,000	\$400,000					\$800,000
II-54	TSM COAST/CITY-04	LAFAYETTE RD TROLLEY SERVICE TO RYE/HAMPTON			\$160,000	\$40,000		\$200,000	\$200,000	\$200,000				\$600,000
II-55	TSM CITY/COAST/PDA-05	TRANSIT INFRASTRUCTURE IMPROVEMENTS-CITYWIDE			\$16,000	\$4,000		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000



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	TSM PDA/CITY/COAST-06	GREATER PORTSMOUTH TRANSPORTATION MGT ASSOCIATION	Enterprise					FY '07 Total	FY '08	FY '09	FY '10	FY '11	FY '12	
			GF	Funds	Bond/Lease	Federal/State	Other/Revenues							PPP
<b>II-56</b>			\$10,000			\$80,000		\$10,000	\$100,000					\$100,000
		<u>PARKING</u>												
	TSM CITY-07	NEW PUBLIC PARKING FACILITIES - WORTH PARKING LOT						\$0			\$8,400,000			\$8,400,000
<b>II-57</b>	TSM-CITY-08	FREE PUBLIC PARKING/SHARED LOT AGREEMENTS					\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000		\$60,000
	TSM-CITY-09	WRIGHT AVENUE PARKING LOT IMPROVEMENTS						\$0	\$60,000					\$60,000
		<u>BICYCLE/PEDESTRIAN</u>												
<b>II-58</b>	TSM CITY/NHDOT-10	MARKET ST EXTENSION BIKE/PED. IMPROVEMENTS	\$39,750			\$159,000		\$198,750						\$198,750
<b>II-59</b>	TSM CITY-11	CITY COMPLEX PEDESTRIAN WAY IMPROVEMENTS	\$25,000					\$25,000						\$25,000
	TSM CITY-12	MARKET ST SIDEWALK EXPANSION						\$0	\$350,000					\$350,000
<b>II-60</b>	TSM CITY-13	CITYWIDE SIDEWALK RECONSTRUCTION PROGRAM			\$500,000			\$500,000		\$500,000		\$500,000		\$1,500,000
	TSM PDA/NHDOT-14	GRAFTON RD BIKEWAY						\$0	\$65,000	\$450,000				\$515,000
	TSM-CITY/NHDOT-15	PEVERLY HILL RD - NEW SIDEWALKS & SHOULDERS						\$0		\$450,000				\$450,000
	TSM CITY-16	SPINNEY ROAD NEW SIDEWALK CONSTRUCTION						\$0	\$175,000					\$175,000
	TSM CITY/NHDOT-17	US ROUTE 1 NEW SIDEWALK CONSTRUCTION						\$0				\$300,000		\$300,000
		<u>INTERSECTION/SIGNALS</u>												
<b>II-61</b>	TSM CITY-18	ISLINGTON STREET/SPINNEY ROAD INTERSECTION SAFETY IMPROVEMENTS	\$75,000					\$75,000						\$75,000
<b>II-62</b>	TSM CITY-19	TRAFFIC SIGNAL EVALUATION AND REPLACEMENT - CITYWIDE	\$50,000					\$50,000	\$85,000	\$85,000				\$220,000
	TSM CITY-20	INTERSECTION/SIGNAL: PLAINS AVE/PEVERLY HILL RD						\$0	\$150,000					\$150,000
	TSM CITY/NHDOT-21	INTERSECTION UPGRADE: MARKET STREET AT-GRADE CROSSING						\$0	\$302,400					\$302,400
	TSM CITY-22	INTERSECTION/SIGNAL: WOODBURY AVE TURNING LANES						\$0	\$300,000					\$300,000
	TSM CITY-23	INTERSECTION IMPROVEMENT: BARTLETT AND ISLINGTON ST AND JEWELL CRT						\$0	\$1,500,000					\$1,500,000
	TSM-CITY-24	U.S. RTE 1/CONSTITUTION AVE.						\$0				\$200,000	\$1,500,000	\$1,700,000
		<u>BRIDGES</u>												
<b>II-63</b>	TSM CITY/NHDOT-25	SAGAMORE AVE/SAGAMORE CREEK BRIDGE REPLACEMENT	\$16,000			\$64,000		\$80,000	\$200,000	\$200,000	\$4,000,000			\$4,480,000
<b>II-64</b>	TSM CITY-26	PEIRCE ISLAND BRIDGE: REPAIR RAILS	\$75,000					\$75,000	\$75,000					\$150,000
<b>II-65</b>	TSM CITY/NHDOT-27	BRIDGE REPLACEMENT: NH 33 BRIDGE FOR GUILFORD RAILROAD			\$450,000	\$4,050,000		\$4,500,000						\$4,500,000
	TSM CITY/NHDOT-28	SCOTT AVENUE BRIDGE REPLACEMENT						\$0		\$1,600,000				\$1,600,000
	TSM-NHDOT-29	MEMORIAL BRIDGE REPAIRS						\$0	\$30,000,000			\$8,000,000		\$38,000,000
	TSM-CITY/NHDOT-30	BRIDGE REPLACEMENT-RAILROAD BRIDGE OVER BARTLETT STREET						\$0				\$2,500,000		\$2,500,000
	TSM CITY/NHDOT-31	CATE ST BRIDGE REPLACEMENT						\$0	\$100,000	\$100,000	\$1,500,000			\$1,700,000
		<u>ROADWAY</u>												
	TSM-JOINT-32	CERES STREET IMPROVEMENT						\$0	\$200,000					\$200,000
<b>II-66</b>	TSM-CITY-33	PHASE II: ATLANTIC HEIGHTS STREETSCAPE IMPROVEMENTS				\$300,000		\$300,000	\$500,000	\$600,000				\$1,400,000
<b>II-67</b>	TSM CITY-34	CHESTNUT STREET IMPROVEMENTS-AFRICAN BURIAL GROUND	\$50,000					\$100,000	\$50,000					\$100,000
<b>II-68</b>	TSM CITY-35	GATEWAY IMPROVEMENTS-EXIT 7	\$25,000					\$25,000	\$250,000	\$250,000				\$525,000
<b>II-69</b>	TSM-CITY-36	CONGRESS STREET AREA IMPROVEMENTS			\$450,000			\$450,000						\$450,000

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FY '08 to FY '12 Schedule

		Enterprise						FY '07	FY '08 to FY '12 Schedule					
		GF	Funds	Bond/Lease	Federal/State	Other/Revenues	PPP	Total	FY '08	FY '09	FY '10	FY '11	FY '12	
<b>II-70</b>	TSM-CITY/NHDOT-37				\$1,000,000			\$1,000,000			\$8,000,000		\$9,000,000	
	BRIDGE REHABILITATION - US ROUTE 1 BYPASS BRIDGES FROM:													
	TRAFFIC CIRCLE TO SARAH LONG BRIDGE INCLUDING BRIDGE													
	NOS. 211/114, 227/112, 205/116													
<b>II-71</b>	TSM-CITY/NHDOT-38	\$80,000			\$160,000			\$240,000	\$450,000	\$450,000	\$450,000	\$150,000	\$1,740,000	
	TRAFFIC CALMING/UPGRADES: OCEAN RD													
	TSM-CITY-39							\$0	\$30,000				\$30,000	
	CITYWIDE TRUCK ROUTING STUDY													
<b>II-72</b>	TSM-CITY-40	\$15,000						\$15,000					\$15,000	
	CITYWIDE SIGN INVENTORY AND GIS APPLICATION													
<b>II-73</b>	TSM-CITY-41	\$20,000						\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	
	CITYWIDE TREE REPLACEMENT PROGRAM													
<b>II-74</b>	TSM-CITY-42			\$2,500,000				\$2,500,000		\$2,500,000		\$2,500,000	\$7,500,000	
	STREET PAVING, MANAGEMENT AND REHABILITATION													
	TSM-CITY/NHDOT-43							\$0	\$100,000				\$850,000	
	US ROUTE 1 ROADWAY RECONSTRUCTION-WILSON RD TO CONSTITUTION RD													
	TSM-CITY/NHDOT-44							\$0		\$500,000	\$500,000	\$8,000,000	\$9,000,000	
	BRIDGE REHABILITATION - US ROUTE 1 BRIDGES FROM:													
	SAGAMORE CREEK TO TRAFFIC CIRCLE INCLUDING BRIDGE													
	NOS. 173/071, 183/087, 188/100 & 192/106													
	TSM-CITY/NHDOT-45							\$0			\$15,000,000		\$15,000,000	
	TRAFFIC CIRCLE REPLACEMENT													
	TSM-CITY/NHDOT-46							\$0					\$0	
	ISLINGTON STREET-STREETSCAPE IMPROVEMENTS													
	TSM-CITY-47							\$0				\$140,000	\$900,000	
	TRAFFIC CALMING-WOODBURY AVENUE													
	TSM-PDA-48							\$0		\$225,000			\$225,000	
	NEW ROUNDABOUT-CORPORATE/INTERNATIONAL/DURHAM													
	TSM-CITY-49							\$0	\$650,000				\$650,000	
	NEW HAMPSHIRE AVENUE													
	TSM-CITY-50							\$0		\$250,000			\$250,000	
	ROCHESTER AVENUE													
	TSM-CITY-51							\$0	\$125,000				\$125,000	
	CORPORATE DRIVE: RYE ST to GOOSE BAY DRIVE													
	TSM-CITY-52							\$0			\$550,000		\$550,000	
	INTERNATIONAL DRIVE													
	TSM-JOINT-32A							\$0	\$50,000	\$500,000	\$500,000		\$1,050,000	
	SOUND BARRIERS-195 - ATLANTIC HEIGHTS AND PANNAWAY MANOR													
<b>IV. TOTAL TRANSPORTATION MANAGEMENT</b>		\$480,750	\$0	\$3,900,000	\$6,349,000	\$134,000	\$100,000	\$10,963,750	\$6,347,400	\$38,990,000	\$37,550,000	\$15,840,000	\$11,060,000	\$120,751,150

**FY 07 Distribution**

**FY '08 to FY '12 Schedule**

	GF	Enterprise					FY '07 Total	FY '08	FY '09	FY '10	FY '11	FY '12	Total Cost	
		Funds	Bond/Lease	Federal/State	Other/Revenues	PPP								
<b>V. ENTERPRISE FUNDS</b>														
Sewer														
II-77	EF-SD-01	PHASE III SEWAGE IMPROVEMENT PROGRAM					\$0		\$22,500,000				\$22,500,000	
II-82	EF-SD-02	LONG TERM CONTROL PLAN - NON SRF ELIGIBLE COMPONENT	\$2,000,000				\$2,000,000	\$570,000	\$190,000	\$1,820,000	\$300,000		\$4,880,000	
Sewer Subtotals:			\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000	\$570,000	\$22,690,000	\$1,820,000	\$300,000	\$0	\$27,380,000
Water														
II-84	EF-WD-01	ANNUAL WATER LINE REPLACEMENT		\$700,000			\$700,000	\$700,000	\$700,000	\$1,000,000	\$500,000	\$2,000,000	\$5,600,000	
II-85	EF-WD-02	WATER SOURCE AUGMENTATION			\$1,000,000		\$1,000,000	\$1,000,000	\$500,000				\$2,500,000	
II-86	EF-WD-03	MAPLEWOOD AVENUE WATERLINE REPLACEMENT			\$300,000		\$300,000	\$1,500,000	\$1,500,000				\$3,300,000	
II-87	EF-WD-04	MADBURY TREATMENT PLANT UPGRADES			\$2,000,000		\$2,000,000	\$10,000,000	\$10,000,000				\$22,000,000	
	EF-WD-05	OSPREY LANDING WATER TANK REPLACEMENT					\$0	\$750,000					\$750,000	
	EF-WD-06	HOBBS HILL LANDING WATER TANK REPLACEMENT					\$0		\$1,500,000				\$1,500,000	
II-88	EF-WD-07	SYSTEM PRESSURE IMPROVEMENTS			\$250,000		\$250,000	\$250,000	\$250,000				\$750,000	
II-89	EF-WD-08	RESIDUAL MANAGEMENT AND SOLIDS HANDLING UPGRADES			\$300,000		\$300,000						\$300,000	
II-90	EF-WD-09	ISLINGTON STREET TANK REMOVAL			\$50,000		\$50,000						\$50,000	
Water Subtotals:			\$0	\$1,050,000	\$3,550,000	\$0	\$0	\$4,600,000	\$14,200,000	\$14,450,000	\$1,000,000	\$500,000	\$2,000,000	\$36,750,000
<b>V. TOTAL ENTERPRISE FUNDS</b>			\$0	\$3,050,000	\$3,550,000	\$0	\$0	\$6,600,000	\$14,770,000	\$37,140,000	\$2,820,000	\$800,000	\$2,000,000	\$64,130,000

**SUMMARY**

**TOTALS PER SECTION**

I.	EQUIPMENT AND VEHICLE SCHEDULE	\$65,500	\$0	\$0	\$350,000	\$150,000	\$0	\$565,500	\$926,000	\$710,000	\$1,160,000	\$510,000	\$10,000	\$3,881,500
II.	BUILDING & INFRASTRUCTURE	\$804,000	\$0	\$1,000,000	\$1,625,000	\$100,000	\$235,000	\$3,764,000	\$3,665,000	\$11,540,000	\$18,340,000	\$6,140,000	\$640,000	\$44,089,000
III.	INFORMATION MANAGEMENT SYSTEMS	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000	\$200,000	\$410,000	\$135,000	\$205,000	\$310,000	\$1,380,000
IV.	TRANSPORTATION MANAGEMENT PLAN	\$480,750	\$0	\$3,900,000	\$6,349,000	\$134,000	\$100,000	\$10,963,750	\$6,347,400	\$38,990,000	\$37,550,000	\$15,840,000	\$11,060,000	\$120,751,150
	CAPITAL CONTINGENCY	\$29,750	\$0	\$0	\$0	\$0	\$0	\$29,750	\$0	\$0	\$0	\$0	\$0	\$29,750
	<b>SUBTOTALS</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$4,900,000</b>	<b>\$8,324,000</b>	<b>\$384,000</b>	<b>\$335,000</b>	<b>\$15,443,000</b>	<b>\$11,138,400</b>	<b>\$51,650,000</b>	<b>\$57,185,000</b>	<b>\$22,695,000</b>	<b>\$12,020,000</b>	<b>\$170,131,400</b>

<b>ENTERPRISE FUNDS</b>														
	SEWER FUND	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000	\$570,000	\$22,690,000	\$1,820,000	\$300,000	\$0	\$27,380,000
	WATER FUND	\$0	\$1,050,000	\$3,550,000	\$0	\$0	\$0	\$4,600,000	\$14,200,000	\$14,450,000	\$1,000,000	\$500,000	\$2,000,000	\$36,750,000
V.	<b>TOTAL ENTERPRISE FUNDS</b>	<b>\$0</b>	<b>\$3,050,000</b>	<b>\$3,550,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,600,000</b>	<b>\$14,770,000</b>	<b>\$37,140,000</b>	<b>\$2,820,000</b>	<b>\$800,000</b>	<b>\$2,000,000</b>	<b>\$64,130,000</b>

<b>GRAND TOTAL:</b>	<b>\$1,500,000</b>	<b>\$3,050,000</b>	<b>\$8,450,000</b>	<b>\$8,324,000</b>	<b>\$384,000</b>	<b>\$335,000</b>	<b>\$22,043,000</b>	<b>\$25,908,400</b>	<b>\$88,790,000</b>	<b>\$60,005,000</b>	<b>\$23,495,000</b>	<b>\$14,020,000</b>	<b>\$234,261,400</b>
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**Capital Improvements  
Fiscal Year 2007  
Taken from Capital Improvement Plan 2007-2012  
General Fund, Capital Outlay Projects Only FYs 00-07**

BUDGET BOOK PAGE		FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07 Planning Board Recommended	TOTAL	FY 07 Department Proposed	FY 07 Difference Sub-Committee vs Department
<b>I. EQUIPMENT AND VEHICLE SCHEDULE (VE)</b>												
0	FIRE COMMUNICATIONS								\$0	\$0	\$85,000	(\$85,000)
II-20	MUNICIPAL FIRE ALARM SYSTEM: REPAIRS AND IMPROVEMENTS			\$25,000	\$15,000	\$20,000	\$25,000	\$15,000	\$25,000	\$125,000	\$25,000	\$0
II-21	TURNOUT GEAR REPLACEMENT		\$20,000	\$25,000	\$15,000	\$10,000	\$10,000	\$15,000	\$10,000	\$105,000	\$10,000	\$0
0	TURNOUT GEAR CLEANING SYSTEM							\$12,000	\$0	\$12,000	\$15,000	(\$15,000)
II-22	BIO-MEDICAL EQUIPMENT							\$10,000	\$7,000	\$17,000	\$14,000	(\$7,000)
II-23	SELF CONTAINED BREATHING APPARATUS	\$30,000	\$70,000	\$30,000				\$19,500	\$6,500	\$156,000	\$6,500	\$0
II-24	POLICE RADIO SYSTEM-ENCRYPTION MODULES								\$10,000	\$10,000	\$20,000	(\$10,000)
0	COMMUNITY NOTIFICATION SYSTEM								\$0	\$0	\$55,000	(\$55,000)
II-25	AUTOMATED EXTERNAL DEFIBRILLATOR								\$7,000	\$7,000	\$16,000	(\$9,000)
	HOSE REPLACEMENT		\$10,000	\$20,000	\$15,000	\$10,000	\$10,000			\$65,000		\$0
	SELF CONTAINED BREATHING APPARATUS TRANSMITTERS						\$60,000			\$60,000		\$0
	PURCHASE: CONFINED RESCUE EQUIPMENT					\$25,000	\$0			\$25,000		\$0
	REPLACEMENT: HURST RESCUE TOOL				\$25,000	\$25,000				\$50,000		\$0
	REPLACEMENT: GAS METERS				\$10,000					\$10,000		\$0
	DEFIBRILLATOR REPLACEMENT				\$35,000					\$35,000		\$0
	BARRIERS FOR CROWD CONTROL				\$10,000					\$10,000		\$0
	RADIO SYSTEM REDESIGN FIRE/POLICE	\$20,000		\$50,000						\$70,000		\$0
	VOTING MACHINES			\$35,000						\$35,000		\$0
	ENGINE 6 REHAB		\$45,000							\$45,000		\$0
	THERMAL IMAGE CAMERA		\$25,000							\$25,000		\$0
	FIRE-ROLLING STOCK	\$70,000								\$70,000		\$0
<b>Total Equipment and Vehicle</b>		<b>\$120,000</b>	<b>\$170,000</b>	<b>\$185,000</b>	<b>\$125,000</b>	<b>\$90,000</b>	<b>\$105,000</b>	<b>\$71,500</b>	<b>\$65,500</b>	<b>\$932,000</b>	<b>\$246,500</b>	<b>(\$181,000)</b>

**Capital Improvements  
Fiscal Year 2007  
Taken from Capital Improvement Plan 2007-2012  
General Fund, Capital Outlay Projects Only FYs 00-07**

BUDGET BOOK PAGE		FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07 Planning Board Recommended	TOTAL	FY 07 Department Proposed	FY 07 Difference Sub-Committee vs Department
<b>II. BUILDINGS AND INFRASTRUCTURE (BI)</b>												
0	REPLACEMENT OF FIRE DEPARTMENT SUBSTATION						\$0	\$50,000	\$0	\$50,000	\$50,000	(\$50,000)
II-28	INDOOR TRAINING RANGE						\$0	\$35,000	\$19,000	\$54,000	\$19,000	\$0
0	POLICE TWO BAY GARAGE EXPANSION								\$0	\$0	\$75,000	(\$75,000)
0	SCHOOL DEPARTMENT BUILDING ROOFS								\$0	\$0	\$100,000	(\$100,000)
II-29	SCHOOL DEPARTMENT BUILDING RENOVATION-PHASE-II								\$25,000	\$25,000	\$0	\$25,000
II-30	FURNISHINGS AND EQUIPMENT FOR NEW LIBRARY								\$350,000	\$350,000	\$350,000	\$0
II-31	MCINTYRE FEDERAL OFFICE BUILDING-PHASE I						\$25,000	\$50,000	\$25,000	\$100,000	\$50,000	(\$25,000)
II-32	LAND ACQUISITION			\$25,000	\$25,000	\$25,000	\$0	\$25,000	\$25,000	\$125,000	\$25,000	\$0
II-33	HISTORIC MARKERS							\$5,000	\$10,000	\$15,000	\$10,000	\$0
0	PLAYGROUND IMPROVEMENTS			\$50,000	\$60,000	\$12,500	\$75,000	\$75,000	\$0	\$272,500	\$100,000	(\$100,000)
II-34	PLANNING DEPARTMENT MASTER PLAN PLANNING PROCESS		\$25,000	\$50,000	\$75,000		\$25,000	\$100,000	\$100,000	\$375,000	\$100,000	\$0
II-36	OPEN SPACE PUBLIC ACCESS IMPROVEMENTS-SAGAMORE CREEK							\$25,000	\$25,000	\$50,000	\$25,000	\$0
II-38	RECLAMATION OF FORMER STUMP DUMP						\$0	\$25,000	\$25,000	\$50,000	\$25,000	\$0
II-39	HISTORIC CEMETERY IMPROVEMENTS							\$10,000	\$10,000	\$20,000	\$10,000	\$0
II-40	MUNICIPAL COMPLEX SITE IMPROVEMENTS							\$25,000	\$25,000	\$50,000	\$50,000	(\$25,000)
II-41	COOLING TOWERSOUND UPGRADESAND REPLACEMENT-MUNICIPAL COMPLEX								\$100,000	\$100,000	\$100,000	\$0
II-42	AERIAL PHOTOGRAPHY						\$0	\$25,000	\$25,000	\$50,000	\$25,000	\$0
II-43	STORM WATER MASTER PLAN							\$40,000	\$40,000	\$80,000	\$40,000	\$0
	LITTLE HARBOR SCHOOL WALL							\$70,000		\$70,000		\$0
	SCHOOL DEPARTMENT BUILDING FIRE SPRINKLER						\$100,000	\$0		\$100,000		\$0
	SECURITY SYSTEM UPGRADE							\$30,000		\$30,000		\$0
	INDOOR POOL ROOF PANEL REPLACEMENT							\$20,000		\$20,000		\$0
	IMPLEMENTATION OF PEIRCE ISLAND MASTER PLAN PROJECT	\$25,000	\$50,000	\$50,000	\$75,000	\$100,000	\$25,000			\$325,000		\$0
	HISTORIC CEMETERY IMPROVEMENTS						\$10,000			\$10,000		\$0
	HAVEN PARK SCULPTURE MAINTENANCE-FITZ JOHN PORTER STATUE				\$10,000	\$10,000				\$20,000		\$0
	HIGH-HANOVER PARKING FACILITY-CAPITAL IMPROVEMENTS		\$50,000							\$50,000		\$0
	PEIRCE ISLAND POOL EQUIPMENT				\$50,000	\$100,000				\$150,000		\$0
	PEASE TRADEPORT ATHLETIC FIELDS					\$12,500				\$12,500		\$0

**Capital Improvements  
Fiscal Year 2007  
Taken from Capital Improvement Plan 2007-2012  
General Fund, Capital Outlay Projects Only FYs 00-07**

BUDGET BOOK PAGE	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	TOTAL	FY 07	FY 07	
								Planning Board Recommended		Department Proposed	Difference Sub-Committee vs Department	
	FIRE DEPARTMENT-STATION 2 IMPROVEMENTS	\$75,000		\$25,000	\$30,000				\$130,000		\$0	
	REHABILITATION OF PEIRCE ISLAND POOL DECK AND FENCING			\$47,500	\$75,000				\$122,500		\$0	
	EMERGENCY COMMUNICATION CENTER RELOCATION AND RENOVATION			\$50,000					\$50,000		\$0	
	CITY WIDE FACILITIES CONDITION PLAN		\$50,000	\$40,000					\$90,000		\$0	
	FIRE DEPT STATION 3: REHABILITATION			\$25,000					\$25,000		\$0	
	EROSION CONTROL AT LITTLE HARBOR SCHOOL			\$25,000					\$25,000		\$0	
	CAPITAL ASSET INVENTORY			\$40,000					\$40,000		\$0	
	CENTRAL RECORDS DIVISION	\$50,000	\$40,000						\$90,000		\$0	
	ALDRICH AREA STORM DRAIN	\$56,250							\$56,250		\$0	
<b>Total Buildings and Infrastructure</b>		<b>\$206,250</b>	<b>\$215,000</b>	<b>\$427,500</b>	<b>\$400,000</b>	<b>\$260,000</b>	<b>\$260,000</b>	<b>\$610,000</b>	<b>\$804,000</b>	<b>\$3,182,750</b>	<b>\$1,154,000</b>	<b>(\$350,000)</b>

**III. INFORMATION SYSTEMS MANAGEMENT (IS)**

0	FIRE MOBILE DATA TERMINAL SYSTEM							\$0	\$0	\$25,000	(\$25,000)	
II-48	TELEVISION STUDIO							\$30,000	\$30,000	\$70,000	(\$40,000)	
II-49	CITY HALL SERVERS UPGRADE/REPLACEMENT							\$60,000	\$40,000	\$60,000	(\$20,000)	
II-50	CITYWIDE WORK STATION REPLACEMENT							\$50,000	\$50,000	\$75,000	(\$25,000)	
	ADAPTING LIBRARY'S COMPUTERIZED CIRCULATION AND CATALOGING TO A WEB BASE						\$60,000	\$90,000	\$150,000		\$0	
	CITYWIDE TELEPHONE SYSTEM UPGRADE	\$75,000	\$75,000	\$50,000	\$35,000				\$235,000		\$0	
	CITYWIDE CENTRAL COMPUTER SYSTEM REPLACEMENT	\$160,000							\$160,000		\$0	
	CITY HALL COMMUNICATION WIRING UPGRADE			\$25,000	\$25,000				\$50,000		\$0	
	CITY WIDE (WAN) WIDEAREA NETWORK				\$25,000				\$25,000		\$0	
<b>Total Information Systems Management</b>		<b>\$235,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$60,000</b>	<b>\$200,000</b>	<b>\$120,000</b>	<b>\$850,000</b>	<b>\$230,000</b>	<b>(\$110,000)</b>

**Capital Improvements  
Fiscal Year 2007  
Taken from Capital Improvement Plan 2007-2012  
General Fund, Capital Outlay Projects Only FYs 00-07**

BUDGET BOOK PAGE		FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07 Planning Board Recommended	TOTAL	FY 07 Department Proposed	FY 07 Difference Sub-Committee vs Department
<b>IV. TRANSPORTATION MANAGEMENT (TSM)</b>												
II-56	GREATER PORTSMOUTH TRANSPORTATION MGT ASSOC (GPTMA)								\$10,000	\$10,000	\$10,000	\$0
II-58	MARKET ST EXTENSION BIKE/PED IMPROVEMENTS							\$8,000	\$39,750	\$47,750	\$39,750	\$0
II-59	CITY COMPLEX PEDESTRIAN WAY IMPROVEMENTS								\$25,000	\$25,000	\$25,000	\$0
N/A	NEW CASTLE AVE NEW SIDEWALK CONSTRUCTION								\$0	\$0	\$50,000	(\$50,000)
II-61	ISLINGTON ST/SPINNEY RD INTERSECTION SAFETY IMPROVEMENTS								\$75,000	\$75,000	\$75,000	\$0
II-62	TRAFFIC SIGNAL EVALUATION AND REPLACEMENT-CITYWIDE	\$74,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$85,000	\$50,000	\$584,000	\$85,000	(\$35,000)
0	INTERSECTION/SIGNAL: PLAINS AVE/PEVERLY HILL RD								\$0	\$0	\$150,000	(\$150,000)
II-63	SAGAMORE AVE/SAGAMORE CREEK BRIDGE REPLACEMENT								\$16,000	\$16,000	\$16,000	\$0
II-64	PEIRCE ISLAND BRIDGE: REPAIR RAILS								\$75,000	\$75,000	\$150,000	(\$75,000)
0	CERES ST IMPROVEMENT							\$25,000	\$0	\$25,000	\$200,000	(\$200,000)
II-67	CHESTNUT ST IMPROVEMENTS-AFRICAN BURIAL GROUND								\$50,000	\$50,000	\$100,000	(\$50,000)
II-68	GATEWAY IMPROVEMENTS-EXIT 7								\$25,000	\$25,000	\$25,000	\$0
II-71	TRAFFIC CALMING/UPGRADES: OCEAN RD								\$80,000	\$80,000	\$80,000	\$0
0	CITYWIDE TRUCK ROUTING STUDY								\$0	\$0	\$30,000	(\$30,000)
II-72	CITYWIDE SIGN INVENTORY AND GIS APPLICATION								\$15,000	\$15,000	\$15,000	\$0
II-73	CITYWIDE TREE REPLACEMENT PROGRAM					\$10,000	\$10,000	\$10,000	\$20,000	\$50,000	\$20,000	\$0
	MARKET SQUARE AREA GRANITE CROSSWALK REPLACEMENT							\$60,000		\$60,000		\$0
	ROUTE 1A BIKEWAY							\$5,000		\$5,000		\$0
	LAFAYETTE RD OVERPASS PEDESTRIAN IMPROVEMENTS							\$24,000		\$24,000		\$0
	BRIDGE REPLACEMENT: RT33 BRIDGE FOR GUILFORD RR							\$30,000		\$30,000		\$0
	ELWYN RD SAFETY ENHANCEMENT PROJECT							\$15,000		\$15,000		\$0
	TROLLEY SERVICE: DOWNTOWN, ISLINGTON ST., MARKET AND WOODBURY AVE, AND PEASE	\$90,000	\$40,000	\$40,000	\$40,000	\$40,000	\$37,500			\$287,500		\$0
	SEASONAL DOWNTOWN TROLLEY						\$19,000			\$19,000		\$0
	TRANSIT INFRASTRUCTURE IMPROVEMENTS-CITYWIDE						\$4,000			\$4,000		\$0
	COORDINATION OF CITYWIDE PUBLIC TRANSIT SERVICES						\$15,000			\$15,000		\$0
	INTERSECTION UPGRADE: MAPLEWOOD AVENUE AT-GRADE CROSSING						\$20,000			\$20,000		\$0
	SCOTT AVENUE BRIDGE REPLACEMENT				\$20,000		\$60,000			\$80,000		\$0
	DOWNTOWN TRAFFIC CIRCULATION STUDY						\$25,000			\$25,000		\$0
	TROLLEY SERVICE: DOWNTOWN & U.S. ROUTE 1				\$26,000	\$25,000				\$51,000		\$0

**Capital Improvements  
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Taken from Capital Improvement Plan 2007-2012  
General Fund, Capital Outlay Projects Only FYs 00-07**

BUDGET BOOK PAGE	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	TOTAL	FY 07	FY 07
								Planning Board Recommended		Department Proposed	Difference Sub-Committee vs Department
				\$6,000					\$6,000		\$0
					\$25,000				\$25,000		\$0
		\$1,250	\$12,500	\$19,850					\$33,600		\$0
					\$60,000				\$60,000		\$0
					\$25,000				\$25,000		\$0
	\$15,000			\$15,000	\$20,000				\$50,000		\$0
					\$75,000				\$75,000		\$0
				\$10,000					\$10,000		\$0
	\$20,000	\$130,000	\$100,000						\$250,000		\$0
		\$6,500	\$20,000						\$26,500		\$0
			\$50,000						\$50,000		\$0
	\$37,900	\$75,000							\$112,900		\$0
		\$75,000							\$75,000		\$0
		\$50,000							\$50,000		\$0
		\$25,000							\$25,000		\$0
		\$6,000							\$6,000		\$0
	\$100,000								\$100,000		\$0
	<b>\$336,900</b>	<b>\$483,750</b>	<b>\$297,500</b>	<b>\$211,850</b>	<b>\$355,000</b>	<b>\$265,500</b>	<b>\$262,000</b>	<b>\$480,750</b>	<b>\$2,693,250</b>	<b>\$1,070,750</b>	<b>(\$590,000)</b>

**SUMMARY**

**TOTALS PER SECTION**

I.	EQUIPMENT AND VEHICLE SCHEDULE	\$120,000	\$170,000	\$185,000	\$125,000	\$90,000	\$105,000	\$71,500	\$65,500	\$932,000	\$246,500	(\$181,000)
II.	BUILDING & INFRASTRUCTURE	\$206,250	\$215,000	\$427,500	\$400,000	\$260,000	\$260,000	\$610,000	\$804,000	\$3,182,750	\$1,154,000	(\$350,000)
III.	INFORMATION MANAGEMENT SYSTEMS	\$235,000	\$75,000	\$75,000	\$85,000	\$0	\$60,000	\$200,000	\$120,000	\$850,000	\$230,000	(\$110,000)
IV.	TRANSPORTATION MANAGEMENT PLAN	\$336,900	\$483,750	\$297,500	\$211,850	\$355,000	\$265,500	\$262,000	\$480,750	\$2,693,250	\$1,070,750	(\$590,000)
v.	CAPITAL CONTINGENCY	\$1,850	\$6,250	\$15,000	\$178,150	\$45,000	\$59,500	\$26,500	\$29,750	\$362,000	\$100,000	(\$70,250)
	<b>TOTAL</b>	<b>\$900,000</b>	<b>\$950,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$1,170,000</b>	<b>\$1,500,000</b>	<b>\$8,020,000</b>	<b>\$2,801,250</b>	<b>(\$1,301,250)</b>



# I. VEHICLES AND EQUIPMENT



**VE-FD-01: VEHICLE-30' Fire/Rescue Boat**

The Portsmouth Fire Department is the responsible responding agency for fire or rescue incidents that occur in Portsmouth Harbor and along the waterfront. The vessel currently in service is a 23' long, open center console government surplus boat that is over 20 years old. Due to the type of craft, the boat is showing its age, and is unavailable (out of the water) November through April. This is an important project, as activities at the port and the river continue to increase. A grant has been secured for the entire purchase amount of \$350,000.



30' Winninghauf

Total Project		\$350,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF									\$0
Fed/State	100%	\$350,000							\$350,000
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>			<b>\$350,000</b>

**VE-FD-02: REPLACEMENT AMBULANCE 2**

This project is part of a regular replacement schedule for the City’s ambulances. Ambulance 2, currently in reserve, is a 1999 Ford/Marque ambulance that ran first due in the downtown district for several years. Life expectancy for ambulances in the City of Portsmouth is six to eight years. This vehicle is approaching the end of its useful life. Ambulance #3 and #1 are scheduled for replacement in FY 2009 and 2010 respectively.



Total Project	\$450,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/Lease								\$0
Rolling Stock	100%	\$150,000		\$150,000	\$150,000			\$450,000
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$150,000</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>		<b>\$450,000</b>

**VE-FD-09: EQUIPMENT-MUNICIPAL FIRE ALARM SYSTEM-REPAIRS AND IMPROVEMENTS**

- This is the continuation of a multi- year phased project. Funds are being used to repair the City’s fire alarm system. It includes several hundred miles of cable and 300 fire alarm boxes. Many sections have wire dating from the 1930’s. The system often-times will fail during storm events.
- This project is part of a complete overhaul that is being done over a multi-year period. Upon completion, this equipment would be included in the Department’s operational budget.
- The City also uses this system as part of the City’s Wide Area Network connection to the Central Fire Station, Public Works, Library, Parking Facility, Little Harbor School, Middle School, High School and School Department Central Office.



Total Project		\$135,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$25,000	\$10,000					\$35,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$25,000</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>
Commence FY:	On-Going	Quarter:	1st	Priority:	I	Prior Years Funding			\$100,000
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>			<b>\$135,000</b>

## VE-FD-10: EQUIPMENT-TURNOUT GEAR REPLACEMENT

- The Fire Department continues to replace outdated and worn turnout gear through this on-going project. To date \$60,000 has been expended. The objective is to provide two outfits for each person. Under the current plan, the initial equipment purchases will be completed in FY'07.
- A plan is also being established to replace this gear in a more timely manner and as part of the Department's operating budget.



Total Project		\$105,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$10,000						\$10,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			\$95,000
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>			<b>\$105,000</b>

**VE-FD-12: Bio-Medical Equipment**

Related to providing Paramedic Level emergency medical services, the department requires advanced vital sign monitoring devices. These devices include non-invasive blood pressure, perfusion, oxygen, carbon-dioxide and pulse monitoring devices. The department is expecting to integrate required bio-medical devices into current cardiac monitors. In the event the device must be stand alone, the department will purchase individual units.



Total Project		FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$7,000	\$7,000					\$14,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$7,000</b>	<b>\$7,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$10,000
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>		<b>\$24,000</b>

**VE-FD-13: EQUIPMENT-Self Contained Breathing Apparatus Replacement Cylinders**

The department currently has 42 SCBA breathing air units in service. These units were upgraded in FY01, and the new units have new bottles. However, NFPA standards require that the department maintain one spare cylinder per SCBA unit. Our spare cylinders are nearing the end of their 15 year life span and must be replaced This project will allow the purchase of twenty (20) new air cylinders.



Total Project		\$26,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$6,500						\$6,500
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$6,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,500</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding			\$19,500
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$26,000</b>

## VE-PD-14: Police Radio System - Encryption Modules

The Police Department is seeking to modify its existing radio system with encryption capabilities. This would allow the department to conduct sensitive investigations in a more efficient manner by allowing immediate contact between field personnel. This proposal would cover all existing portable radios, as well as mobile radios currently installed in vehicles. The price is \$800/per radio. We currently have 125 radios.



<b>Total Project</b>		<b>\$60,000</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>FY 12</b>	<b>Totals</b>
GF	100%	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$60,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$60,000</b>



**VE-HR-16: Automated External Defibrillators**

The City would like to purchase seven (7) Automated External Defibrillators, one for each building. AED is an electronic device that can recognize a heart rhythm that requires a shock, then prompt the rescuer to deliver the shock by pressing a button. AEDs allows individuals with minimal training to respond to cardiac emergencies. The containers house adhesive electrode pads that deliver brief electrical stimulation to the chest, interrupting the abnormal heart rhythms and restoring normal function. Pre-programmed for heart electrical analysis, the devices use voice prompts and a display screen to ensure effective operation.



Total Project		FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$7,000	\$9,000					\$16,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$7,000</b>	<b>\$9,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>		<b>\$16,000</b>

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# II. BUILDINGS AND INFRASTRUCTURE



**BI-PD-04: INDOOR TRAINING RANGE**

- The range, located within the City Hall complex, has been in existence since the Police department moved to the facility in 1991. During FY 06, the first phase of the range upgrade was completed with the installation of a rubberized backstop that can handle ARIS Rifle .223 caliber. The remaining funds needed to complete this project are \$8,000 for repair of the side walls, \$6,000 for the purchase of a moving target, and \$5,000 to replace the overhead baffle. The range is a vital tool in Officer safety training.



Total Project		\$54,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$19,000						\$19,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$19,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding			\$35,000
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$54,000</b>

## BI-SD-08: SCHOOL DEPARTMENT BUILDING RENOVATION-PHASE II

Phase II; Renovation and Possible New Construction at Portsmouth Middle School. The Portsmouth Middle School was constructed in the mid-1930's and was remodeled in the early 1970's. The building will need a complete engineering review as well as an educational space needs review in order to determine the scope of work. The building currently is over 80,000 sq.ft. on three floors and includes a library, cafeteria and gymnasium. Given the age and the current classroom layout, a complete renovation as well as possibly some new construction can be anticipated. [Cost figures are only a preliminary estimate and need refining in the future.]



Total Project		FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	< 1%	\$25,000						\$25,000
Fed/State	30%			\$3,000,000	\$3,000,000			\$6,000,000
Bond/Lease	70%			\$7,000,000	\$7,000,000			\$14,000,000
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$25,000</b>	<b>\$0</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,025,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>		<b>\$20,025,000</b>

**BI-LB-10: FURNISHINGS AND EQUIPMENT FOR NEW LIBRARY**

The construction bond for the new Portsmouth Public Library building is sufficient to furnish the library with information desks, steel shelving, all built-in furniture and some of the basic elements of other furnishings.

Additional funding will provide for:

1. An adequate number of reading tables and chairs in the second floor nonfiction area
2. An adequate amount of comfortable seating in such locations as the newspaper and magazine reading area and the first floor browsing area
3. Computer tables for the public in the reference area
4. Network printers and scanners for customer use, and
5. Stand-alone checkout stations for staff and customer use
6. Colorful and versatile furnishings in the children’s room
7. Meeting room chairs



- Reading tables and chairs
- Comfortable seating
- Meeting Room furniture
- Electronic equipment



Total Project		\$350,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$350,000							\$350,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$350,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$350,000</b>

**BI-JOINT-11: PHASE I PRELIMINARY DESIGN - THE DEMOLITION AND REDEVELOPMENT OF THE MCINTYRE FEDERAL OFFICE BUILDING SITE**

Phase I of this project contemplates the demolition of the existing structure and the development of a Reuse Plan. The preparation of this Plan would involve the participation of the public, identified stake holders, City Council and other municipal Boards, Commissions and departments. The objective of Phase I would be to prepare a suitable, conceptual Reuse Plan that would be detailed sufficiently to initiate Phase II of this project.



Total Project	\$200,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$25,000	\$100,000					\$125,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$25,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	\$125,000
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$75,000
Impact on Operating Budget:	No Impact anticipated						<b>Total Project</b>	<b>\$200,000</b>

## BI-CC-12: LAND ACQUISITION

This project funds the purchase of land that has been determined should be municipally owned. As such, municipal ownership has been deemed to be in the City's best interest. For the most part, such ownership is usually sought to secure environmentally sensitive areas or to purchase the development rights to a particular parcel. Funds can be used as match for other grants and may be augmented through Current Use fees.



Total Project		\$150,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$25,000</b>	<b>\$150,000</b>
Commence FY:	On-Going		Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:		No impact anticipated						<b>Total Project</b>	<b>\$150,000</b>



## BI-CD-13: Historic Markers

In the mid 1970s, the City worked with Strawberry Banke and the state to develop forty historic plaques, which were located throughout the City's South End. The plaques were intended to make residents and visitors aware of the City's rich heritage. Only a few of the original historic markers still remain today. This project will fund the design, development, fabrication and installation of a series of historic markers to replace those that previously existed.



Total Project		\$140,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	50%		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP	50%		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
	<b>Totals</b>		<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	\$120,000
Commence FY:	On-Going		Quarter:	1st	Priority:	I		Prior Years Funding	\$20,000
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$140,000</b>

**BI-PL-15: IMPLEMENTATION: MASTER PLAN RECOMMENDATIONS**

The Planning Department, in conjunction with other departments, has prepared a new Master Plan. These funds would be used to carry out Master Plan recommendations related to revisions of the city’s land use resolutions and zoning ordinance.



Total Project		\$200,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$100,000							\$100,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$100,000</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			\$100,000
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$200,000</b>

**BI-CD-16: WINCHESTER PLACE/LEDGEWOOD MANOR PARK**

The St. Nicholas Greek Church owns a parcel of land located adjacent to LedgeWood Manor Apartments that they have leased to the City for development of a park targeted to LedgeWood residents. The parcel is currently undeveloped and heavily wooded. The design phase of this project was initiated in Fall 2000. Improvements are expected to include site re-grading, drainage, lighting, and amenities such as picnic tables, benches, trash receptacles.



Total Project	\$125,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State	60%	\$75,000						\$75,000
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP	40%	\$50,000						\$50,000
	<b>Totals</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>		<b>\$125,000</b>

**BI-CD-17: Open Space Public Access Improvements-Sagamore Creek Headlands**

The City recently purchased a 10 acre parcel on Sagamore Avenue, known as the Sagamore Creek Headlands. This land acquired with funding from the Coastal Estuarine and Land Conservation Program, is permanently protected as public open space.

This project is the construction of a public canoe-kayak dock at Sagamore Creek Headlands, which would establish a point along a water trail that would connect, via signage, with Peirce Island and other public waterfront land. This project implements an important objective stated in the City’s Draft Master Plan, which is to increase public waterfront access. The state’s Land and Water Conservation Fund (LWCF) has provided a grant to assist in constructing the dock at the Sagamore Headlands program, which requires local matching funds.



Total Project		\$50,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	50%		\$25,000						\$25,000
Fed/State	50%		\$25,000						\$25,000
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
Commence FY:		2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$50,000</b>

## **BI-JOINT-18: PISCATAQUA RIVERWALK PROJECT**

- The Piscataqua Riverwalk Project consists of a 400 foot long pier built waterfront walkway, which will extend along the commercial portion of the Bow Street Waterfront, varying in width from 12 to 20 feet. This project will be coordinated with improvements to Ceres Street. Engineering and design have for this project is underway. The total cost of constructing the walkway is \$1.5 to \$2.0 million; \$1.5 million in Federal funding has already been secured. \$165,000 in public-private funding has been set aside to complete the final engineering and design.



Total Project	\$1,665,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State	90%	\$1,500,000						\$1,500,000
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP	10%	\$165,000						\$165,000
	<b>Totals</b>	<b>\$1,665,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,665,000</b>
Commence FY:	2007	Quarter:	3rd	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>	<b>\$1,665,000</b>

**BI-PW-22: RECLAMATION OF FORMER STUMP DUMP FOR RECREATIONAL USE**

- As part of this larger project, the stump dump would be closed in accordance with the requirements of the NH Department of Environmental Services.
- The site would be leveled and capped with gravel, sand and loam cover.
- Recreational use of this site for a multi-purpose field is proposed.



Total Project	\$150,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals		
GF	50%	\$25,000	\$25,000					\$50,000		
Fed/State	50%	\$25,000	\$25,000					\$50,000		
Bond/Lease								\$0		
Other								\$0		
Revenues								\$0		
PPP								\$0		
<b>Totals</b>		<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>		
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$50,000		
Impact on Operating Budget:							No impact anticipated		<b>Total Project</b>	<b>\$150,000</b>

## **BI-PW-23: HISTORIC CEMETERY IMPROVEMENTS**

The City of Portsmouth owns five historic cemeteries at various locations throughout the city and is responsible for the continual upkeep and maintenance of not only the grounds but of the headstones and tombs located within.

These funds would be utilized to hire a specialist to systematically repair and restore the existing headstones. The Mayor's Blue Ribbon Cemetery Committee would work in conjunction with the Public Works Department to create a master plan for this work. The Union and North Cemetery will be the first area to be restored with the Point of Graves, the Pleasant Street and the Cotton Cemeteries to follow in successive years.



Total Project	On-Going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	50%	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP	50%	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
	<b>Totals</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$120,000</b>
Commence FY:	On going	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project On-Going</b>		

**BI-PW-24: Municipal Complex Site Improvements**

The need exists for site improvements at City Hall including better lighting for pedestrians using the public City Hall parking lot, as well as municipal complex employees who park in the lower lot on the corner of Junkins Avenue and South Street. Signage directing the public to the municipal complex is also inadequate. This project would fund pedestrian safety, lighting, signage, landscaping and other site improvements at the City Hall Municipal Complex. Site improvements would be consistent with those recently carried out at the adjacent Cottage Senior Housing redevelopment.



Total Project	\$100,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$25,000	\$50,000					\$75,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$25,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$25,000
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>	<b>\$100,000</b>



**BI-PW-25: Cooling Tower Sound Upgrades and Replacement - Municipal Complex**

The existing cooling tower for the HVAC system is in a serious state of deterioration due to the age and atmosphere that it operates in. There is significant rusting and deterioration of the metal surfaces such that areas have been patched where rust through has taken place. The existing grillage that the cooling tower sits on is also severely rusted and in poor condition. In addition the City has received numerous complaints from residents near the Municipal Complex about the noise created by this unit. These funds will be utilized to replace the entire unit with new technology.



Total Project		\$100,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$100,000							\$100,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$100,000</b>

## **BI-JOINT-26: AERIAL PHOTOGRAPHY**

Aerial photography is an important tool for mapping the city's infrastructure. Portsmouth was last flown and mapped in 1994, at which time new survey monuments were established to improve the accuracy of future mapping projects. Flying Portsmouth again will help us to maintain accurate information about rapidly changing areas of the city. This information will be particularly valuable to the public works and planning departments. Efforts should be made to coordinate with adjacent communities and agencies, such as the Pease Development Authority, to reduce the total project cost.



<b>Total Project</b>	<b>\$100,000</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>FY 12</b>	<b>Totals</b>
GF	100%	\$25,000						\$25,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues		\$25,000						\$25,000
PPP								\$0
<b>Totals</b>		<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$50,000
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>	<b>\$100,000</b>

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## BI-CITY-27: Storm Water Master Plan

The City is working on complying with new Federal regulations pertaining to storm water runoff which are referred to as Phase II Storm Water Regulations. These regulations along with elements included in the City's Draft Master Plan require increased levels of effort to improve and monitor water quality from storm water runoff. This study will be used to identify and prioritize the City's efforts to comply with these regulations on an administrative, operational and capital improvement basis.



Total Project		\$80,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$40,000						\$40,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$40,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding			\$40,000
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$80,000</b>

## **BI-PW-28: HIGH HANOVER PARKING FACILITY-CAPITAL IMPROVEMENTS**

This facility, which originally contained 685 parking spaces, was expanded in FY '00 by an additional 230 spaces. Following the completion of that project, funding is now being allocated on a scheduled basis to fund major renovation needs for the original structure.



A maintenance plan was developed for the original section in FY03 and updated for the new section in FY05. In FY03 and 04, the City began replacing expansion joints. In FY05, steel beam painting and restoration was the major effort. In FY06, steel painting and restoration will continue.

Total Project	On-Going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF								\$0	
Fed/State								\$0	
Bond/Lease								\$0	
Other								\$0	
Revenues	100%	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$450,000	
PPP								\$0	
	<b>Totals</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$450,000</b>	
Commence FY:	On-Going	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:	No impact anticipated						<b>Total Project On-Going</b>		

## **BI-PW-29: CITY WIDE FACILITIES' CAPITAL IMPROVEMENTS**

The Public Works Department has the maintenance responsibilities for all municipal facilities. These facilities are wide ranging and serve multiple uses. Due to age and usage, many facilities are in need of updating in order to continue their availability to the general public and the programs conducted.

The Public Works Department staff has identified the renovations and improvements required at each facility. This project is being set up so that the expenditures are utilized over a two year time frame.

Particular projects of note include:

- Roof Repairs to the Police Station;
- Public Works Facility for equipment storage; and,
- the Central Fire Station Facility



Total Project	On-Going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/Lease	100%	\$1,000,000		\$1,000,000		\$1,000,000		\$3,000,000
Other								\$0
Revenues								\$0
PPP								\$0
	<b>Totals</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$3,000,000</b>
Commence FY:	On-Going	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project On-Going</b>		

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# III. INFORMATION SYSTEMS



## IS-IT-02: Television Studio

The City provides coverage of Government-related meetings at City Hall and supports several educational events at the High School. These meetings and events are recorded and broadcast over the current Government access Channel 22. A separate public access channel may be implemented in FY08 and therefore, a studio and the required equipment will be needed.

The budget below would cover the estimated cost of new equipment for: the current City Hall studio, new portable camera equipment and in FY08, a possible new public access studio plus equipment. All equipment has a life span of approximately four years.



Total Project		\$565,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%		\$30,000	\$40,000	\$250,000		\$70,000	\$175,000	\$565,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$30,000</b>	<b>\$40,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$70,000</b>	<b>\$175,000</b>	<b>\$565,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$565,000</b>



**IS-IT-03: City Hall Servers Upgrade / Replacement**

The City’s Servers provide application and data storage for approx. 300 Citywide users as well as services for the public. The effective life span of these servers is 3-4 years with replacements and upgrades required at that time to meet the growing needs of the City users and the Public.

The below budget will cover the estimated costs of the Operating Systems, File Servers and Anti-Virus Software.



Total Project		On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF	100%		\$40,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$340,000	
Fed/State									\$0	
Bond/Lease									\$0	
Other									\$0	
Revenues									\$0	
PPP									\$0	
<b>Totals</b>			<b>\$40,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$340,000</b>	
Commence FY:	N/A	Quarter:	1st	Priority:	I	Prior Years Funding				
Impact on Operating Budget:		No impact anticipated						<b>Total Project On-going</b>		

**IS-IT-04: City Wide Work Station Replacement**

The City provides 300 users with computer workstations or laptops. These systems are used for various functions including Financial Applications, Revenue Applications, Motor Vehicle Registrations, Parking Ticket processing, Building Permits and Inspections, and general tasks.

These systems have a usable lifespan of 4-years.



Total Project		On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF	100%		\$50,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$425,000	
Fed/State									\$0	
Bond/Lease									\$0	
Other									\$0	
Revenues									\$0	
PPP									\$0	
<b>Totals</b>			<b>\$50,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$75,000</b>	<b>\$425,000</b>	
Commence FY:	On-going	Quarter:	1st	Priority:	I	Prior Years Funding				
Impact on Operating Budget:		No impact anticipated					<b>Total Project On-going</b>			

# IV. TRANSPORTATION MANAGEMENT



**TSM COAST/CITY-02: PUBLIC TRANSPORTATION:**

**COAST Route 2 - Portsmouth to Dover, Somersworth & Rochester**

**Increase Service Frequencies on Woodbury Avenue and Market St. Extension**

- Project will increase service frequencies on COAST Route 2 from every 90 minutes (average) to hourly service leaving Market Square in FY'07. The hourly service will match current headways on the Lafayette Road/Tradeport Route, which should improve transfer opportunities and increase ridership.
- COAST Route 2 was improved in FY04 by providing new service to Commerce Way and Osprey Landing via Portsmouth Boulevard. COAST currently provides approximately 90,000 trips annually on this route with approximately 22, 000 within the City of Portsmouth. Ridership is expected to grow by approximately 30,000 riders with the more frequent service.



Total Project	\$240,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State	50%	\$40,000	\$40,000	\$40,000				\$120,000
Bond/Lease								\$0
Other	50%	\$40,000	\$40,000	\$40,000				\$120,000
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$80,000</b>	<b>\$80,000</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$240,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>		<b>\$240,000</b>

**TSM COAST/CITY/PDA-03: PUBLIC TRANSPORTATION: Spaulding Turnpike  
Commuter Express Bus Service**

- COAST New start project funded under NHDOT Congestion-Mitigation Air/Quality (CMAQ) grant. Includes the purchase of 3 refurbished coach buses to provide express service (every 30 minutes during commuter peak periods) between the proposed new Park & Ride Lots in Rochester (Rt. 125) and Dover (Exit 9) and the Pease International Tradeport/Borthwick Avenue.

The Commuter Express Service is part of the traffic mitigation planning for the Little Bay Bridges Replacement/Widening Project. HOV lanes, toll bypasses, and exclusive transit use of the General Sullivan Bridge are all being studied.



Total Project		\$1,200,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF									\$0
Fed/State	80%		\$320,000	\$320,000					\$640,000
Bond/Lease									\$0
Other	10%		\$40,000	\$40,000					\$80,000
Revenues									\$0
PPP	10%		\$40,000	\$40,000					\$80,000
	<b>Totals</b>		<b>\$400,000</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800,000</b>
Commence FY:	2006		Quarter:	1st	Priority:	I	Prior Years Funding		\$400,000
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>		<b>\$1,200,000</b>

**TSM COAST/CITY-04: PUBLIC TRANSPORTATION: Trolley Service to Rye/Hampton**

- The Lafayette Road service was designed with the expectation that it would expand to Rye, North Hampton and Hampton. Many residents of these Route 1 communities find employment in the Portsmouth area.
- This service will allow more people to visit Portsmouth while leaving their cars behind. It is assumed that service will run approximately every 2 hours with more frequent service during the summer season. The expanded service will also help Portsmouth offset the cost of the city’s transit system.
- In FY05, the City and COAST began preliminary discussions with Route 1 communities.



Total Project		\$600,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF									\$0
Fed/State	80%		\$160,000	\$160,000	\$160,000				\$480,000
Bond/Lease									\$0
Other	20%		\$40,000	\$40,000	\$40,000				\$120,000
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,000</b>
Commence FY:	2006		Quarter: 1st		Priority: I		Prior Years Funding		
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$600,000</b>

## TSM CITY/COAST/PDA-05: PUBLIC TRANSPORTATION: Transit Infrastructure Improvements - Citywide

- Installation of bus shelters, benches, bike racks, waste receptacles, and schedule displays at various high use bus stops in the City. Providing adequate transit facilities and amenities are essential to continued ridership growth. 80% Federal Transit Administration funding is available for this purpose.
- The City will also continue to seek transit infrastructure improvements from developers through the Planning Board's Site Review Development Process.
- In FY05, funding was provided for a new bus shelter at the Crossroads House along Lafayette Road and for transit amenities in front of the High-Hanover Parking Facility.



Total Project	On-Going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF								\$0	
Fed/State	80%	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$96,000	
Bond/Lease								\$0	
Other								\$0	
Revenues	20%	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$24,000	
PPP								\$0	
	<b>Totals</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$120,000</b>	
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated				<b>Total Project On-Going</b>			

**TSM PDA/CITY/COAST-06: PUBLIC TRANSPORTATION: Greater Portsmouth  
Transportation Management Association (GPTMA)**

- Established in 2002, the TMA mission is to maintain the economic viability of the Greater Portsmouth area by reducing traffic congestion and improving air quality. The GPTMA is a cooperative organization of employers, whose purpose is to develop employee commuter service programs to promote commuting alternatives to driving alone to work.



In 2002 and 2003, the TMA (1) created a Ridesharing Program and Online Ride Matching Database; (2) Set up a Guaranteed Ride Home Program, where participating employers can get free taxi rides home for their employees who missed a bus or rideshare opportunity; and (3) Signed up eight area employers to participate in the program.



The TMA is funded through a 3-year federal grant and the PDA. An additional \$100,000 marketing grant was awarded for additional public outreach for FY07. The City is exploring ways to incorporate TMA participation into its zoning ordinance.



Total Project	\$100,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	10%	\$10,000						\$10,000
Fed/State	80%	\$80,000						\$80,000
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP	10%	\$10,000						\$10,000
	<b>Totals</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>		<b>\$100,000</b>



**TSM-CITY-08: PARKING: - Free Public Parking/Shared Lot Agreements**

- The City makes available a few free parking lots for long-term parking in close proximity to the downtown. The City maintains shared-lot agreements with the St. John’s Masonic Association, Verizon and the Bethel Assembly of God Church. The City uses the parking impact fund to maintain these agreements and provide supplemental free parking to downtown employees and residents.



The City’s supply of free surface parking within walking distance of downtown is as follows:

- St. John’s Masonic 70 spaces
  - South Mill Pond Playground 90 spaces
  - Parrott Avenue Municipal Lot 186 spaces\*
- \*Parrott Ave. lot is located within the downtown.

Special-use lots include:

- Verizon (State St.) - for Library employee parking
- Bethel Assembly of God (Market St. Ext.) - for remote bus and event parking.

Total Project	On-Going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/Lease								\$0
Other	100%	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$60,000
Revenues								\$0
PPP								\$0
	<b>Totals</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$60,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project On-Going</b>		

**TSM-CITY/NHDOT-10: BIKE/PED: Market Street Extension Bike/Ped. Improvements**

- In FY04, the City applied for an 80% Federal Congestion-Mitigation/Air Quality Grant from NHDOT for the purpose of constructing new sidewalks and a bike lane along Market Street extension between Michael Succi Drive and the New Hampshire Port Authority. The project will connect existing sidewalks downtown to the Bethel Assembly Church parking lot, which is used by the City and also to sidewalks in Atlantic Heights, Spinnaker Point and Osprey Landing.
- In FY05, the project was selected for inclusion into the State’s 10-Year Program for design in FY06 and construction in FY07. The City will coordinate this project with other aesthetic improvements planned for this gateway corridor.



Total Project		\$238,750	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	20%		\$39,750						\$39,750
Fed/State	80%		\$159,000						\$159,000
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$198,750</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$198,750</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			\$40,000
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>			<b>\$238,750</b>

**TSM-CITY-11: BIKE/PED: City Complex Pedestrian Way from Mount Vernon St.**

- In FY' 02, the City constructed new concrete sidewalks from the upper parking lot in front of City Hall to Junkins Avenue. In FY' 04, the City completed construction of a much improved parking lot layout for the Police Department behind the complex. As part of the public input process on the design of the parking improvements, it was identified that an existing pedestrian path between Mt. Vernon Street and the front of the complex should be formalized and improved for pedestrian access and safety.



Total Project		\$25,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$25,000							\$25,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$25,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	III	Prior Years Funding			
Impact on Operating Budget:	Maintenance Cost					<b>Total Project</b>			<b>\$25,000</b>

**TSM-CITY-13: BIKE/PED: Citywide Sidewalk Reconstruction Program**

- This program relies on a management program and is funded on a two-year schedule to address the need to upgrade existing sidewalk surfaces on a priority basis. The sidewalk inventory consists of over 50 miles of sidewalks, made from asphalt, concrete, brick or stone. Some \$20,000,000 of reconstruction work is required to bring these to standard. Reconstruction is based upon need and is coordinated with other street improvements.



Woodbury Avenue



Dennett Street



South Street

Total Project	On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF								\$0	
Fed/State								\$0	
Bond/Lease	100%	\$500,000		\$500,000		\$500,000		\$1,500,000	
Other								\$0	
Revenues								\$0	
PPP								\$0	
	<b>Totals</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$1,500,000</b>	
Commence FY:	N/A	Quarter:	N/A	Priority:	I	Prior Years Funding			
Impact on Operating Budget:	Maintenance Cost					<b>Total Project On-going</b>			

## **TSM-CITY-18: Islington Street/Spinney Road Intersection Safety Improvements**

The intersection of Islington Street and Spinney Road has been the location of numerous accidents due the current geometric alignment of the two streets. The severe angle creates sight difficulties for the motoring public, bicycle traffic and pedestrians. These funds will be utilized to construct improvements to realign the intersection into a “T” configuration improving sight distance and reducing speeds. These improvements have been recommended by the Traffic & Safety Committee.



<b>Total Project</b>	<b>\$75,000</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>FY 12</b>	<b>Totals</b>
GF	100%	\$75,000						\$75,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$75,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>	<b>\$75,000</b>	

**TSM-CITY-19: INTERSECTION/SIGNALS: Citywide Traffic Signal Upgrade Program**

- The city has made rapid progress in the last 6 years in replacing antiquated signal systems throughout the city. New State and Federal signal standards had rendered most of the City’s signal systems obsolete. Under this replacement program the following signals have been upgraded: Fleet/State, Pleasant/State, Congress/Fleet, Congress/Middle and Islington/Cabot.
- The entire Maplewood Avenue signal system has been replaced under a federal grant. These replacements markedly improve traffic flow, emergency response, efficiency and safety at these intersections. The upgrades include new traffic signals, controllers, pedestrian indicators and minor roadwork at each intersection. Middle St./Miller Ave. is scheduled for upgrade in FY 07. The City plans to have all of its signals upgraded by FY09.



Total Project		On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF	100%		\$50,000	\$85,000	\$85,000				\$220,000	
Fed/State									\$0	
Bond/Lease									\$0	
Other									\$0	
Revenues									\$0	
PPP									\$0	
<b>Totals</b>			<b>\$50,000</b>	<b>\$85,000</b>	<b>\$85,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$220,000</b>	
Commence FY:	N/A	Quarter:	N/A	Priority:	I	Prior Years Funding				
Impact on Operating Budget:		Maintenance Cost					<b>Total Project On-going</b>			

## TSM-CITY/NHDOT-BRIDGE-25: Route 1A/Sagamore Creek Bridge Replacement

- This bridge is now well past its intended 50 year design life and is carrying loads well in excess of those for which it was originally designed.
- The City conducted a bridge assessment that revealed moderate to severe deterioration in certain bridge components. Some interim work is required to the superstructure in advance of replacement.
- In FY05, the City initiated the Federal Aid Bridge Program process and an engineering study, which should conclude in FY06.
- Interim improvements to the bridge are scheduled for FY07; new bridge design in FY08/09 and construction in FY10.



Total Project		\$4,480,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	20%		\$16,000	\$40,000	\$40,000	\$800,000			\$896,000
Fed/State	80%		\$64,000	\$160,000	\$160,000	\$3,200,000			\$3,584,000
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>			<b>\$80,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$4,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,480,000</b>
Commence FY:	2007	Quarter:	2nd	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$4,480,000</b>

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**TSM-CITY-BRIDGE-26: Peirce Island Bridge Rail Replacement**

- The Peirce Island Bridge requires improvements to the bridge railing system. The existing rails are substandard and should be replaced with a more appropriate system.
- However, due to the design and age of this bridge, the method which will be used to attach the rails will be an issue. Similarly, the cost of maintaining the current system is not cost effective.



Total Project	\$150,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$75,000	\$75,000					\$150,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$75,000</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>
Commence FY:	2007	Quarter:	2nd	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>	<b>\$150,000</b>	



## TSM-CITY/NHDOT-BRIDGE-27: NH 33/B&M RR Bridge Replacement

- Status: Preliminary Design. Project is included in the State 10-Year Transportation Program. This project includes engineering and construction for a replacement bridge over the Boston and Maine tracks. The project also includes reconstruction of roadway approaches on Rte. 33 from Griffin Rd. to Pevery Hill Road. The project will also include traffic calming, landscaping and the addition of bike lanes along Greenland Road.
- The City will manage the project under the state's municipal management program. An Engineering Study is slated for FY05. Design will occur in FY'06 (previously programmed) with construction in FY'07.



Total Project	\$4,800,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State	90%	\$4,050,000						\$4,050,000
Bond/Lease	10%	\$450,000						\$450,000
Other								\$0
Revenues								\$0
PPP								\$0
	<b>Totals</b>	<b>\$4,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,500,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$300,000
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>	<b>\$4,800,000</b>

**TSM-CD-33: ROADWAY: Phase II-Atlantic Heights Streetscape Improvements**

*A Traffic Circulation and Parking Needs Study* was developed which identifies specific recommendations to address parking availability, sidewalk improvements and the movement of resident traffic throughout the neighborhood. These streetscape improvements will be carried out in phases. Improvements have already been funded and constructed on Kearsarge Way, Falkland Place, Saratoga Way and Preble/Crescent Way. Additional streetscape improvements on other streets will be phased over the coming years.



Total Project		\$1,800,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF									\$0
Fed/State	100%	\$300,000	\$500,000	\$600,000					\$1,400,000
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$300,000</b>	<b>\$500,000</b>	<b>\$600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,400,000</b>
Commence FY:	2007	Quarter:	4th	Priority:	I	Prior Years Funding			\$400,000
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>			<b>\$1,800,000</b>

**TSM-CITY-34: Chestnut Street Improvements - African Burial Ground**

During construction activities on Chestnut Street a burial ground was uncovered. A number of remains were encountered and determined to be of African descent. The Blue Ribbon Committee has recommended to the City Council that Chestnut Street be dead ended at Court Street and that the southern side of Chestnut Street be transformed into “Park-like” areas to create space for a fitting memorial to those who are interred below. Funds will be utilized for curbing, landscaping, brick walks, asphalt paving, lighting, fencing, benches, memorials and other amenities.



Total Project	\$100,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	50%	\$50,000						\$50,000
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP	50%	\$50,000						\$50,000
	<b>Totals</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>	<b>\$100,000</b>	

**TSM-City-35: ROADWAY: Gateway Improvements-Exit 7**

Project is to facilitate specific improvements along the Market Street right-of-way as it extends from Exit 7 to the downtown. As part of approved or pending projects, much work is being done at the Exit 7 interchange. These improvements arise from cooperative efforts between the City and the NH DOT. Additional funds from earlier Site Review projects are also available to support interchange improvements. This project would continue these efforts so as to enhance pedestrian traffic, provide some traffic calming measures and add enhancements to this corridor such as lighting, plantings, sidewalks, etc. The first phase of this project is for preliminary design and is followed by final design and construction in phase II. The majority of this project cost would be bonded.



Total Project		\$525,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	5%	\$25,000							\$25,000
Fed/State									\$0
Bond/Lease	95%		\$250,000	\$250,000					\$500,000
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$25,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$525,000</b>
Commence FY:	2007	Quarter:	3rd	Priority:	I	Prior Years Funding			
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>		<b>\$525,000</b>

**TSM-City-36: ROADWAY: Congress Street Area Improvements**

The City Council and Public Works Department have received a petition, from residents and businesses, requesting improvements to the sidewalk and street lighting on Congress Street from Market Square to the intersection with Maplewood Avenue. This project would fund the replacement of existing concrete sidewalks with brick, installation of period lighting, resetting of granite curbing and the installation of landscaping (trees) where appropriate.



Total Project	\$450,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/Lease	100%	\$450,000						\$450,000
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$450,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>
Commence FY:	2007	Quarter:	3rd	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated						<b>Total Project</b>	<b>\$450,000</b>

**TSM-CITY/NHDOT-37: ROADWAY: Reconstruction of US 1 Bypass North**

**Traffic Circle to Sarah Long Bridge Including Bridges: 211/114, 227/112, 205/116**

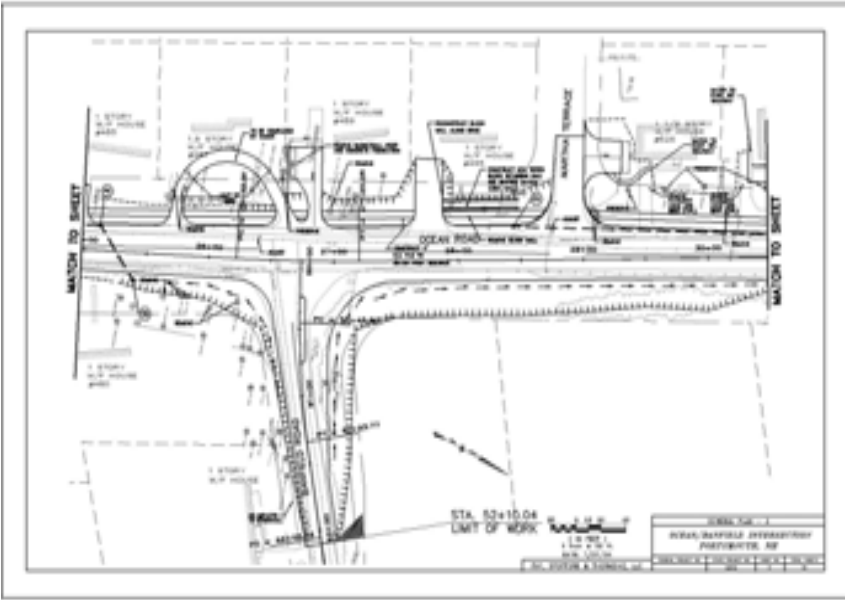
- Status-Project Active: Initiated by NHDOT. Project is identified in the draft *State of NH 10-Year Transportation Improvement Program*. Project includes rehab/replacement of bridges (noted) including interchange improvements at Maplewood Ave. Bridge, installation of potential sound barriers and reconstruction of U.S. Route 1 Bypass. City will work closely with NHDOT to beautify and better integrate the bypass into the City’s transportation system. Design FY07/08 and construction in FY’10.



Total Project	\$9,000,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State	100%	\$1,000,000			\$8,000,000			\$9,000,000
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,000,000</b>
Commence FY:	2007	Quarter:	2nd	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	No impact anticipated					<b>Total Project</b>	<b>\$9,000,000</b>	

## TSM-CITY/NHDOT-38: ROADWAY: Ocean Road Upgrade/Traffic Calming

In response to neighborhood concerns, the City initiated a truck study on Ocean Road in FY02 through the Rockingham Planning Commission and the NHDOT. The study determined that heavy truck traffic was excessive on Ocean Road and could be redirected to US 1 through engineering, education and enforcement. The City proposed to take ownership of Ocean Road from the NHDOT for the purpose of redesigning it to lower speeds, installing sidewalks and implementing night-time truck restrictions. The State agreed to relinquish ownership and participate in a 2/3 cost sharing with the City [1/3] to upgrade the roadway to City Standards. The City will initiate a planning study (previously funded) in FY06 with design scheduled for FY07/FY08 and construction in FY09. The project will span from US 1 to the Greenland Town Line excluding the section constructed in FY05 on either side of the Banfield Road intersection.



Total Project	\$1,740,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	33%	\$80,000	\$150,000	\$150,000	\$150,000	\$50,000		\$580,000
Fed/State	67%	\$160,000	\$300,000	\$300,000	\$300,000	\$100,000		\$1,160,000
Bond/Lease								\$0
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$240,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$450,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$1,740,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	Reduced maintenance cost					<b>Total Project</b>		<b>\$1,740,000</b>

## TSM-CITY-40: ROADWAY: Citywide Sign Inventory and GIS Application

- New federal requirements for sign retro-reflectivity will require that the City maintain its roadside regulatory signs to a higher standard. The first step in bringing the sign system up to standard will be to conduct an inventory and assessment using GPS and photologging technologies.
- The City will compare the cost of contracting the inventory and assessment service out to hiring part-time field inventory personnel.



Total Project		\$15,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF	100%	\$15,000							\$15,000
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$15,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>
Commence FY:	2007	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$15,000</b>



**TSM-CITY-41: ROADWAY: Citywide Tree Replacement Program**

- This program allows for the reforestation of streets where trees have succumbed to the urban condition. Selection of urban-tolerant species will be required. Program is run by the Public Works Department.



Total Project		On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF	100%		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	
Fed/State									\$0	
Bond/Lease									\$0	
Other									\$0	
Revenues									\$0	
PPP									\$0	
<b>Totals</b>			<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$120,000</b>	
Commence FY:	N/A	Quarter:	N/A	Priority:	I	Prior Years Funding				
Impact on Operating Budget:		Reduced maintenance cost					<b>Total Project On-going</b>			

## TSM-CITY-42: ROADWAY: Street Paving, Management and Rehabilitation

- In 1993 the City funded a *Pavement Management Study* to implement a *Pavement Management Program*. This program produces a report showing existing conditions for each publicly owned street priority ranking for best dollar investment and has the ability to show "What If" scenarios and estimated project costs. These scenarios are also able to project future street conditions based upon various levels of expenditures. An expenditure of \$1,250,000 per year over the next twenty years would greatly improve street conditions. The indicated expenditures are capital costs to implement the improvements over a two-year period with all work lasting 20 years. (The Public Works operational budget includes those costs associated with maintenance work with an expected life of only 10 years).



Court Street



Woodbury Avenue



Thaxter Road

Total Project	On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals	
GF								\$0	
Fed/State								\$0	
Bond/Lease	100%	\$2,500,000		\$2,500,000		\$2,500,000		\$7,500,000	
Other								\$0	
Revenues								\$0	
PPP								\$0	
	<b>Totals</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$2,500,000</b>	<b>\$0</b>	<b>\$7,500,000</b>	
Commence FY:	N/A	Quarter:	N/A	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated				<b>Total Project On-going</b>			

## V. ENTERPRISE FUNDS - SEWER



April 3, 2006

City Council Adopted

II-

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## **ENTERPRISE FUNDS: SEWER DIVISION**

In 1999, the City completed what is referred to as the 201 Facilities Plan. The City has a multi-phased SRF loan program to finance their sewer capital projects. The projects included in this plan will be funded through the State Revolving Loan Fund (SRF), State Aid Grants (SAG), State Tribal Assistance Grants (STAG) program, Sewer Revenues and General Obligations Bonds if necessary..

The packaging of multiple projects under one loan program as done under this phased approach allows the City to take advantage of the low interest rates available under the SRF program. Additionally, the City does not begin paying on the loan until all of the projects are complete. Upon closure of each loan, the City is eligible to receive SAG funds for up to 30% of the eligible costs.

This plan identifies the Phase III and Phase IV projects.

## **EF-SD-01: PHASE III SEWAGE IMPROVEMENT PROGRAM**

The **Phase III Sewage Improvement Program** originally identified in the 201 Facilities Plan, has been revised based on the completion of the Combined Sewer Overflow Long Term Control Plan (LTCP). Phase III projects are broken into four general areas. Projects include sewer separation projects identified in the LTCP, sewer system upgrades and extensions, Wastewater Treatment Plant Facilities evaluation to determine to improvement necessary to comply with EPA and NHDES permit requirements. These projects represent \$22.5 million in improvements to our collection and treatment system. The Phase III program is intended to be implemented over the next 4 to 9 years.

Total Project	\$22,500,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State	30%			\$6,750,000				\$6,750,000
Bond/Lease								\$0
Other-SRF	70%			\$15,750,000				\$15,750,000
Revenues								\$0
PPP								\$0
	<b>Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,500,000</b>
Commence FY:	2009	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	Reduce operating costs					<b>Total Project</b>		<b>\$22,500,000</b>

## **PHASE III SEWAGE IMPROVEMENT PROGRAM**

**Combined Sewer Overflow Long Term Control Plan (LTCP)** - The LTCP is a plan for control of the City's remaining combined sewer overflows. This multi year plan includes a series of projects which will separate combined sewers, increase sewer capacity and increase pumping station capacities to meet State Water Quality requirements in the South Mill Pond and Piscataqua River. The LTCP projects include:

- Sewer Separations in Lincoln Avenue neighborhoods.
- Improvements to the Mechanic Street pump station
- Water Quality monitoring in the South Mill Pond
- Bartlett/Islington Area Sewer Separation

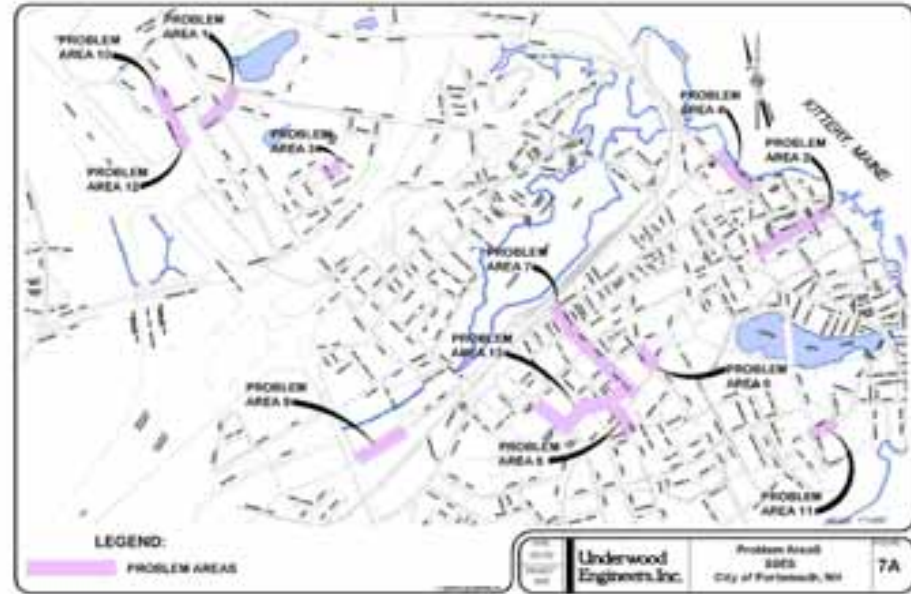


## PHASE III SEWAGE IMPROVEMENT PROGRAM

### Sewer System Evaluation Survey (SSES)

**Problem Areas Improvements** - An SSES was performed on the sewer system as part of the Phase II SRF Loan. This project will consist of sewer improvements to selected problem areas identified in the SSES study. Typical projects include sewer line replacements, pipe lining and separating out the storm water drains. Projects under this section will include:

- State Street Sewer
- Ceres Street
- Upper South Street
- Pease Lateral Sewers



## **PHASE III SEWAGE IMPROVEMENT PROGRAM**

### **Wastewater Treatment Plant Improvements**

**– The City will be revisiting the 201 Facilities plan to assess the wastewater options available to comply with regulatory requirements including Secondary treatment options.** This evaluation will determine order of magnitude costs for regulatory compliances and identify options available to meet future needs. This facility evaluation will look at the Peirce Island, Pease treatment plants and other facilities.

The significant elements of this project include:

- 201 Facilities Evaluation update focusing on Secondary Treatment
- Peirce Island Headworks and Screening improvements
- Pease plant upgrade
- Peirce Island Wastewater Treatment Plant Sludge De-watering, pending 201 review
- Peirce Island outfall modifications, pending 201 review





## **PHASE III SEWAGE IMPROVEMENT PROGRAM**

### **Collection System Extensions -**

The project will include extending the sanitary sewer system to areas that have been identified as having illicit discharges or substandard subsurface disposal systems. An example of such a project is the Pleasant Point sewer extension. Sagamore Avenue area will also be review. The benefiting property owners will contribute financially to these projects.



**EF-SD-02: Long term Control Plan - Non SRF Eligible Component**

This item will fund portions of the LTCP sewer improvements program that are not eligible for funding under the State Revolving Fund Loan Program and/or State Aid Grant.

These funding programs will fund only one pipe for replacement, either a drain line or sewer line in any given street. This item will provide the funding for the second pipe where replacement of both is required.



Total Project	\$4,880,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues	100%	\$2,000,000	\$570,000	\$190,000	\$1,820,000	\$300,000		\$4,880,000
PPP								\$0
<b>Totals</b>		<b>\$2,000,000</b>	<b>\$570,000</b>	<b>\$190,000</b>	<b>\$1,820,000</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$4,880,000</b>
Commence FY:	On-going	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:	Reduced operating costs						<b>Total Project</b>	<b>\$4,880,000</b>

## V. ENTERPRISE FUNDS - WATER



April 3, 2006

City Council Adopted

II-

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## EF-WD-01: ANNUAL WATER LINE REPLACEMENT

The water distribution system consists of more than 150 miles of pipe. Many of the older pipes are 50 to 100 years old, undersized and at the end of their design life. The Phase I Water Master Plan and the Targeted Sewer Separation Preliminary Design identified approximately \$12 million worth of water line upgrades needed in the distribution system. This item will fund the purchase of pipe, valves and associated materials used to replace those pipes. It will also be used to fund water-line upgrades in the areas targeted for sewer and street improvements.



Total Project	On-going	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/Lease								\$0
Other								\$0
Revenues	100%	\$700,000	\$700,000	\$700,000	\$1,000,000	\$500,000	\$2,000,000	\$5,600,000
PPP								\$0
	<b>Totals</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$1,000,000</b>	<b>\$500,000</b>	<b>\$2,000,000</b>	<b>\$5,600,000</b>
Commence FY:	N/A	Quarter:	1st	Priority:	I	Prior Years Funding		
Impact on Operating Budget:		Reduced operating costs				<b>Total Project On-going</b>		

**EF-WD-02: WATER SOURCE AUGMENTATION/OPTIMIZATION**

This project is part of a comprehensive program to ensure sustainable and cost-effective management of our water resources. This project will also consist of studying, securing and developing additional sources of water supply as identified by the Phase II Water Master Plan. System optimization will be achieved through upgrades to existing well sites via new electronic controls, installation of energy efficient motors and pump station renovations. Future years will provide the funding for the identification, acquisition, permitting and installation of new sources of supply.



<b>Total Project</b>	<b>\$2,600,000</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>FY 11</b>	<b>FY 12</b>	<b>Totals</b>
GF								\$0
Fed/State								\$0
Bond/SRF	95%	\$1,000,000	\$1,000,000	\$500,000				\$2,500,000
Other								\$0
Revenues	5%							\$0
PPP								\$0
<b>Totals</b>		<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,500,000</b>
Commence FY:	2006	Quarter:	1st	Priority:	I	Prior Years Funding		\$100,000
Impact on Operating Budget:	Reduced operating costs						<b>Total Project</b>	<b>\$2,600,000</b>

**EF-WD-03: MAPLEWOOD AVENUE WATERLINE REPLACEMENT**

The project consists of replacing approximately 7,500 feet of 6” and 8” waterline on Maplewood Avenue with new 16” cement-lined ductile iron waterline. The replacement would begin at the intersection of Woodbury Avenue and Maplewood Avenue and continue to the intersection of Raynes Avenue and Maplewood.



Total Project	\$3,300,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/SRF	100%	\$300,000	\$1,500,000	\$1,500,000				\$3,300,000
Other								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$300,000</b>	<b>\$1,500,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,300,000</b>
Commence FY:	2006	Quarter:	4th	Priority:	I	Prior Years Funding		\$0
Impact on Operating Budget:	Reduced operating costs						<b>Total Project</b>	<b>\$3,300,000</b>

**EF-WD-04: MADBURY TREATMENT PLANT UPGRADE**

The Madbury Water Treatment Plant was constructed in 1957 to treat water from the Bellamy Reservoir. This facility is of antiquated technology that is not able to meet future water quality regulations. The Phase II Water Master Plan identified the need to either replace or upgrade the existing plant. Recent findings from engineering studies and a pilot treatment program have concluded that replacement is the recommended option. A new facility will also enable better management, use and optimization of Portsmouth’s surface and groundwater resources.



Total Project	\$24,000,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF								\$0
Fed/State								\$0
Bond/SRF	100%	\$2,000,000	\$10,000,000	\$10,000,000				\$22,000,000
Other-Lease								\$0
Revenues								\$0
PPP								\$0
<b>Totals</b>		<b>\$2,000,000</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$22,000,000</b>
Commence FY:	2006	Quarter:	4th	Priority:	I	Prior Years Funding		\$2,000,000
Impact on Operating Budget:	TBD						<b>Total Project</b>	<b>\$24,000,000</b>

## EF-WD-07: SYSTEM PRESSURE EVALUATIONS AND IMPROVEMENTS

The project will consist of a review of the water system hydraulic model to identify areas within our system that experience low pressures. Potential improvements will be assessed, and prioritized for implementation. Projects may include booster pumping systems and looping of waterlines in areas to eliminate dead ends and improve provide redundant feeds into isolated areas.



Total Project		\$750,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF									\$0
Fed/State									\$0
Bond/SRF	100%	\$250,000	\$250,000	\$250,000					\$750,000
Other									\$0
Revenues									\$0
PPP									\$0
<b>Totals</b>		<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$750,000</b>
Commence FY:	2008	Quarter:	1st	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		Reduced operating costs					<b>Total Project</b>		<b>\$750,000</b>



**EF-WD-08: Residual Management and Solids Handling Upgrade**

This project is needed to address the dewatering and drying of the water treatment plant residuals in preparation for their disposal. The residuals are byproducts of treating and filtering the water coming from the Bellamy reservoir. These upgrades will be designed and constructed to meet the needs of future plant upgrades. The project will likely include covering drying beds and installing an underdrain system that captures and reuses filtrate. The current system hinders the operation of the existing treatment plant and is inadequate for meeting our future needs.



Total Project		\$300,000	FY07	FY08	FY09	FY10	FY11	FY12	Totals
GF									\$0
Fed/State									\$0
Bond/Lease									\$0
Other									\$0
Revenues	100%	\$300,000							\$300,000
PPP									\$0
<b>Totals</b>		<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>
Commence FY:	2006	Quarter:	4th	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated					<b>Total Project</b>		<b>\$300,000</b>

**EF-WD-09: ISLINGTON STREET TANK REMOVAL**

The Islington Street tank is obsolete and no longer needed.. The tank is lower than the other tanks on the system so it does not get the desired turnover in water that we are trying to achieve. The rivets that hold the plates together that make up the tank are at the end of their serviceable life. To continue using the tank would require replacing all of the rivets with bolts.



Total Project		\$50,000	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Totals
GF									\$0
Fed/State									\$0
Bond/SRF									\$0
Other									\$0
Revenues	100%	\$50,000							\$50,000
PPP									\$0
<b>Totals</b>		<b>\$50,000</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
Commence FY:	2008	Quarter:	3rd	Priority:	I	Prior Years Funding			
Impact on Operating Budget:		No impact anticipated				<b>Total Project</b>			<b>\$50,000</b>